

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX012016.D
 Acq On : 02 Sep 2019 15:10
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

Quant Time: Sep 03 05:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 05:18:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	396989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	296247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	188031	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	5.48	113	182137	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	8.71	98	655226	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.14	95	268558	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	121549	50.726	ug/l	97
3) Chloromethane	1.31	50	132061	55.453	ug/l	99
4) Vinyl Chloride	1.39	62	130637	54.002	ug/l	99
5) Bromomethane	1.62	94	94033	54.824	ug/l	99
6) Chloroethane	1.71	64	82965	54.223	ug/l	98
7) Trichlorofluoromethane	1.92	101	230464	52.481	ug/l	99
8) Diethyl Ether	2.17	74	74333	55.668	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149387	53.418	ug/l	99
10) Methyl Iodide	2.50	142	152065	46.076	ug/l	99
11) Tert butyl alcohol	3.03	59	78466	270.745	ug/l	98
12) 1,1-Dichloroethene	2.36	96	141638	55.509	ug/l	97
13) Acrolein	2.28	56	26336	248.211	ug/l	97
14) Allyl chloride	2.72	41	237829	54.385	ug/l	99
15) Acrylonitrile	3.12	53	189105	276.811	ug/l	99
16) Acetone	2.43	43	174341	253.214	ug/l	97
17) Carbon Disulfide	2.56	76	419982	58.341	ug/l	99
18) Methyl Acetate	2.76	43	99775	55.922	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	420220	55.243	ug/l	99
20) Methylene Chloride	2.84	84	163750	52.655	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	165145	54.447	ug/l	99
22) Diisopropyl ether	3.84	45	480615	54.649	ug/l	98
23) Vinyl Acetate	3.80	43	1554463	281.111	ug/l	100
24) 1,1-Dichloroethane	3.68	63	275648	53.745	ug/l	99
25) 2-Butanone	4.65	43	259788	276.966	ug/l	100
26) 2,2-Dichloropropane	4.57	77	241173	50.694	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	189369	54.341	ug/l	100
28) Bromochloromethane	5.00	49	109787	52.084	ug/l	98
29) Tetrahydrofuran	5.11	42	162934	282.450	ug/l	99
30) Chloroform	5.19	83	304325	54.059	ug/l	99
31) Cyclohexane	5.57	56	226018	52.896	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	278260	53.128	ug/l	99
36) 1,1-Dichloropropene	5.79	75	216943	53.764	ug/l	99
37) Ethyl Acetate	4.82	43	115032	56.948	ug/l	99
38) Carbon Tetrachloride	5.77	117	262276	53.452	ug/l	99

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Quant Time: Sep 03 05:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 05:18:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	257982	52.654	ug/l	100
40) Benzene	6.13	78	637182	54.675	ug/l	98
41) Methacrylonitrile	5.03	41	67389	55.357	ug/l	98
42) 1,2-Dichloroethane	6.18	62	214074	54.224	ug/l	99
43) Isopropyl Acetate	6.43	43	232392	55.659	ug/l	100
44) Trichloroethene	7.20	130	207108	53.507	ug/l	97
45) 1,2-Dichloropropane	7.50	63	158561	54.069	ug/l	98
46) Dibromomethane	7.65	93	96905	55.128	ug/l	99
47) Bromodichloromethane	7.89	83	239817	54.044	ug/l	97
48) Methyl methacrylate	7.76	41	115137	55.923	ug/l	99
49) 1,4-Dioxane	7.73	88	31727	1098.424	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	579728	276.272	ug/l	100
52) Toluene	8.78	92	430834	54.562	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	246988	54.985	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	278646	55.112	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140251	54.654	ug/l	99
56) Ethyl methacrylate	9.17	69	189333	55.557	ug/l	100
57) 1,3-Dichloropropane	9.37	76	230724	54.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	427173	275.835	ug/l	99
59) 2-Hexanone	9.48	43	412566	276.184	ug/l	100
60) Dibromochloromethane	9.57	129	195959	54.932	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142305	55.675	ug/l	99
64) Tetrachloroethene	9.33	164	216534	52.486	ug/l	98
65) Chlorobenzene	10.14	112	504176	53.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	204653	53.893	ug/l	100
67) Ethyl Benzene	10.25	91	844134	52.802	ug/l	99
68) m/p-Xylenes	10.35	106	662821	105.586	ug/l	99
69) o-Xylene	10.70	106	320655	52.657	ug/l	100
70) Styrene	10.71	104	564792	54.057	ug/l	99
71) Bromoform	10.85	173	144654	54.901	ug/l #	99
73) Isopropylbenzene	11.01	105	871020	52.688	ug/l	100
74) N-amyl acetate	10.89	43	225043	54.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	162247	53.608	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	175037	74.642	ug/l	77
77) Bromobenzene	11.25	156	260872	53.970	ug/l	99
78) n-propylbenzene	11.35	91	981443	52.756	ug/l	100
79) 2-Chlorotoluene	11.42	91	582323	52.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	757162	53.094	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51603	51.911	ug/l	99
82) 4-Chlorotoluene	11.51	91	702522	53.159	ug/l	100
83) tert-Butylbenzene	11.77	119	785095	53.261	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	764966	52.930	ug/l	100
85) sec-Butylbenzene	11.94	105	890536	52.595	ug/l	100
86) p-Isopropyltoluene	12.06	119	873480	52.690	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	477465	52.670	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	476963	52.957	ug/l	100
89) n-Butylbenzene	12.39	91	757413	52.756	ug/l	100
90) Hexachloroethane	12.59	117	165907	53.306	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	439332	53.682	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32315	54.381	ug/l	97

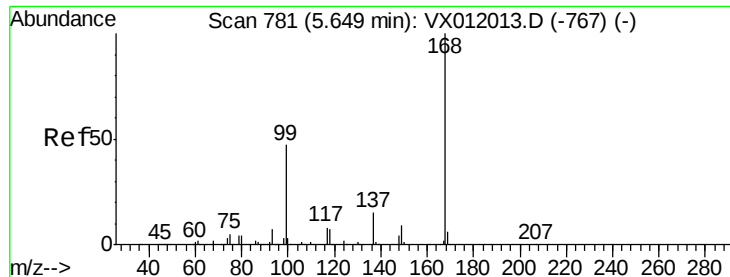
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 05:18:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	381868	53.627	ug/l	100
94) Hexachlorobutadiene	13.78	225	260269	52.314	ug/l	98
95) Naphthalene	13.83	128	606798	55.420	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	340709	54.416	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

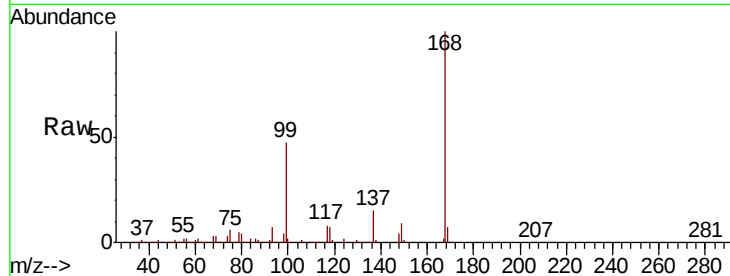
ICVVX090219

Tgt Ion:168 Resp: 396989

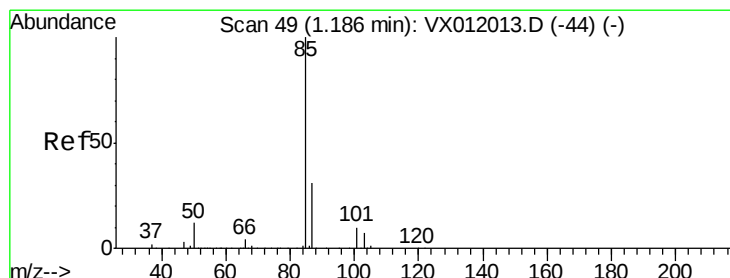
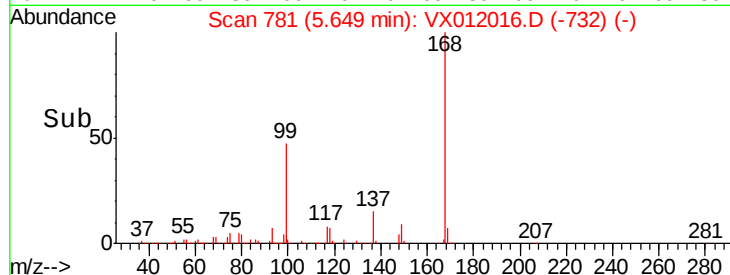
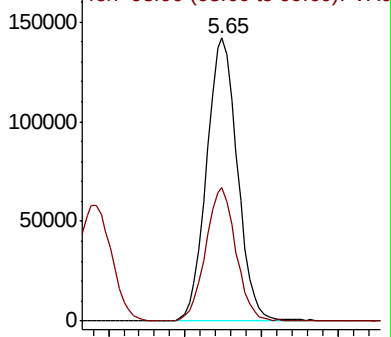
Ion Ratio Lower Upper

168 100

99 47.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.726 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012016.D

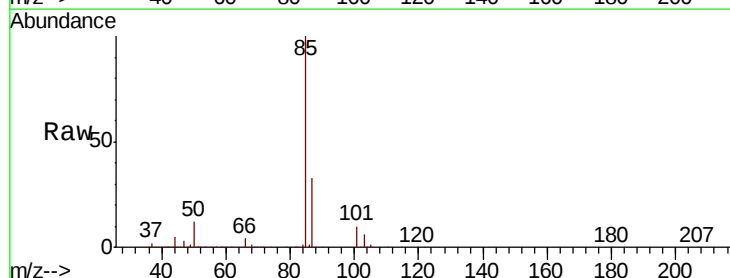
Acq: 02 Sep 2019 15:10

Tgt Ion: 85 Resp: 121549

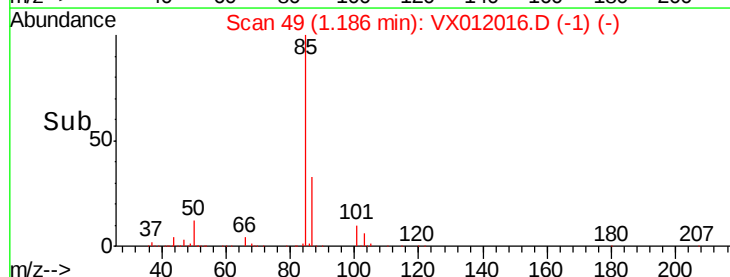
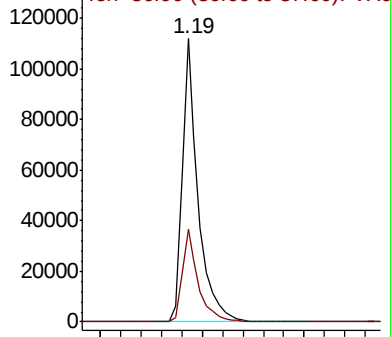
Ion Ratio Lower Upper

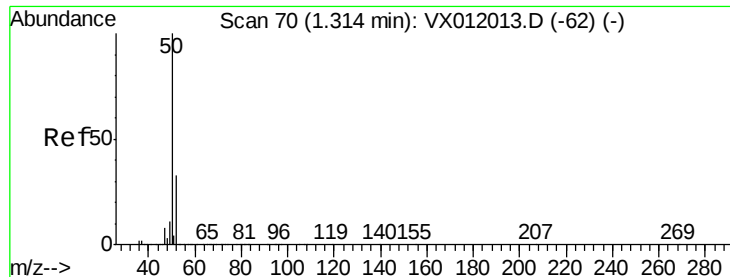
85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 55.453 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

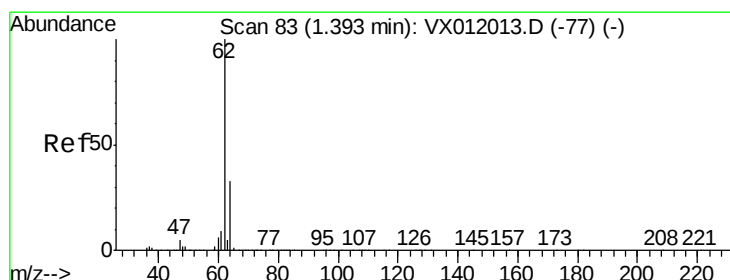
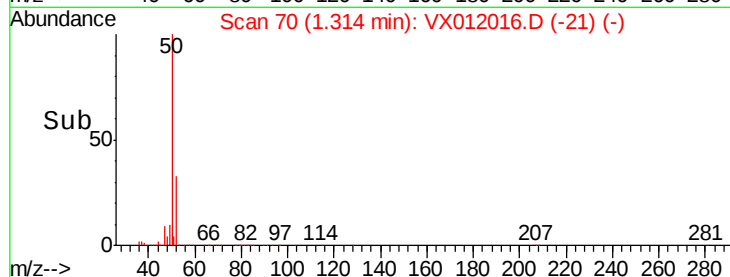
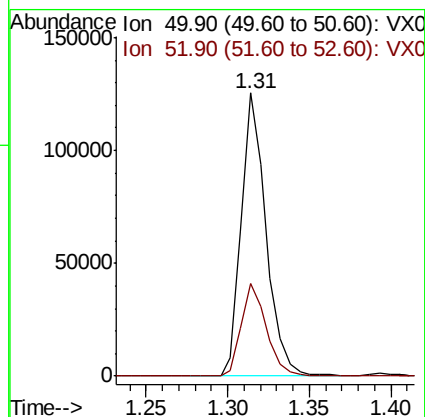
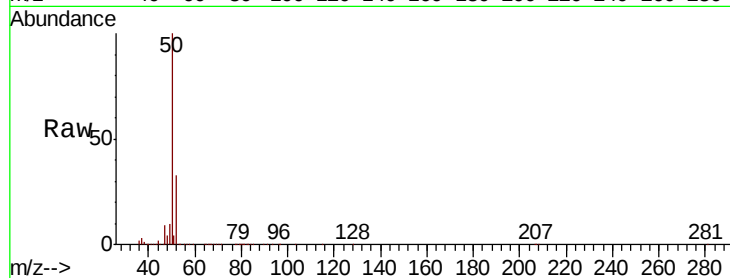
ICVVX090219

Tgt Ion: 50 Resp: 132061

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 54.002 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012016.D

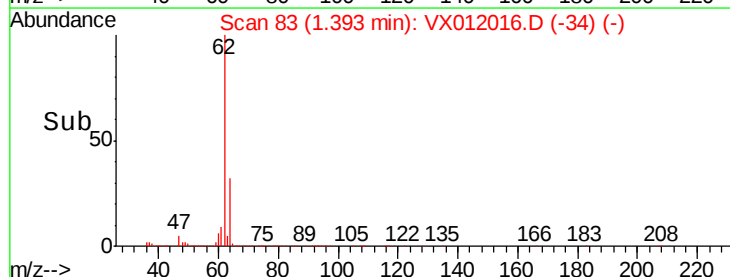
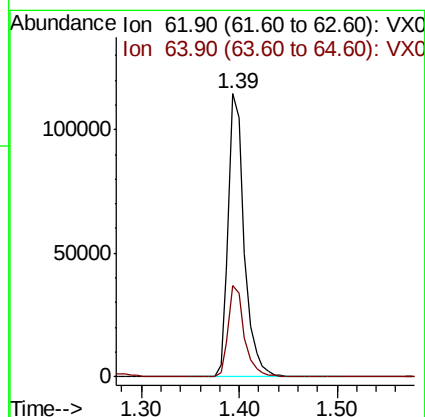
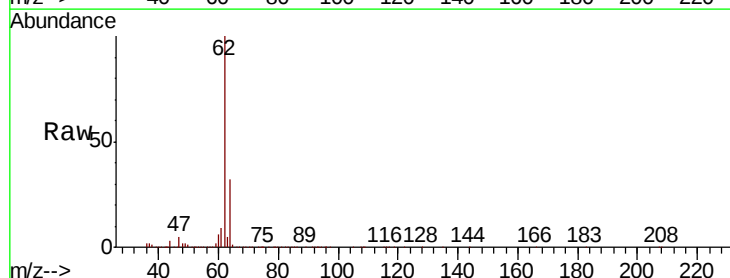
Acq: 02 Sep 2019 15:10

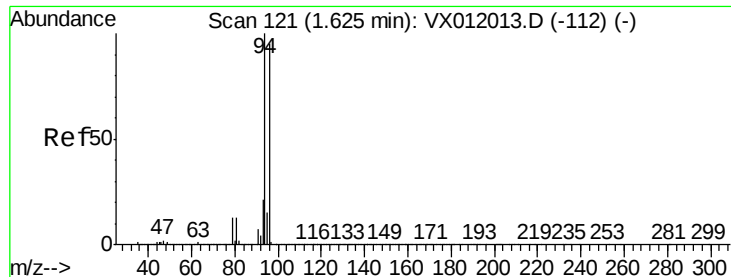
Tgt Ion: 62 Resp: 130637

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 54.824 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

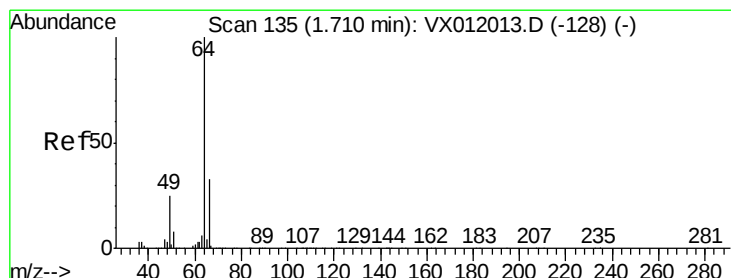
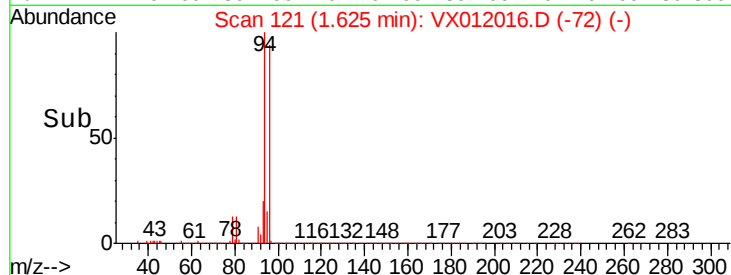
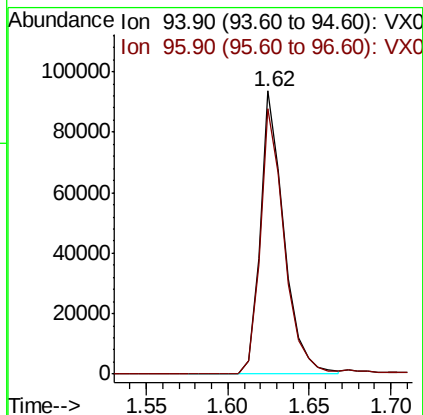
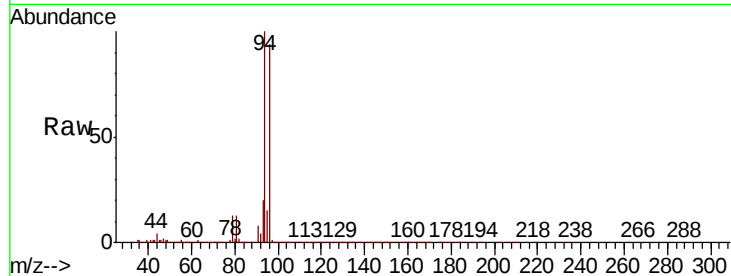
ICVVX090219

Tgt Ion: 94 Resp: 94033

Ion Ratio Lower Upper

94 100

96 94.0 76.3 114.5



#6

Chloroethane

Concen: 54.223 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012016.D

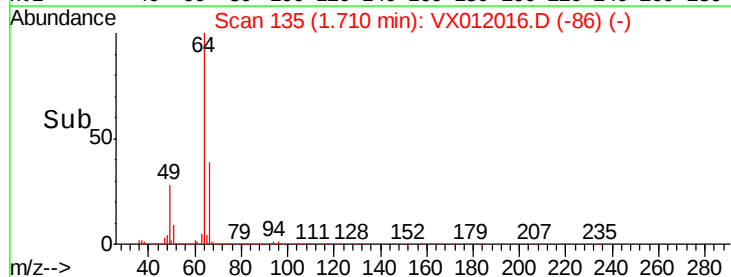
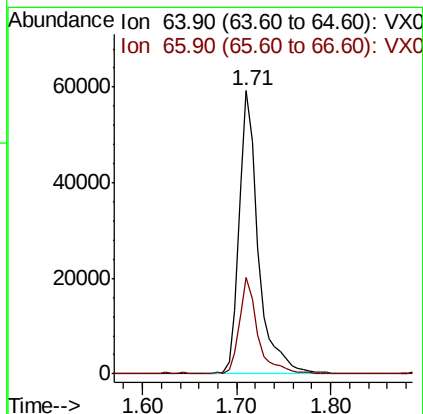
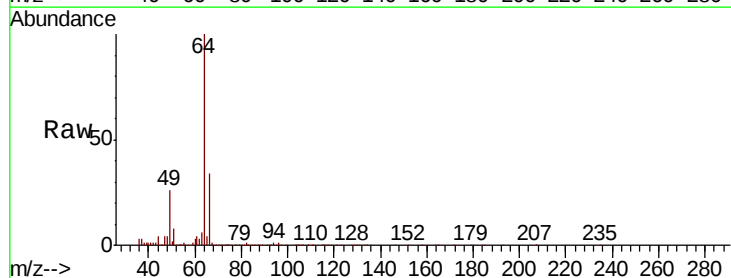
Acq: 02 Sep 2019 15:10

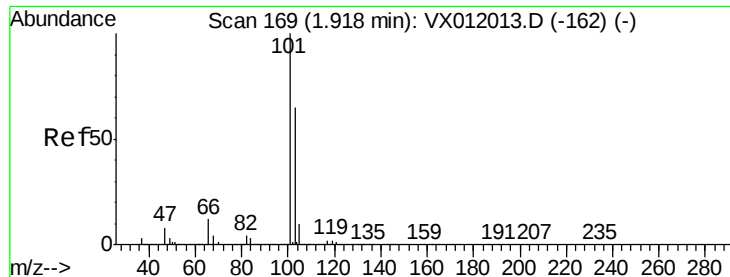
Tgt Ion: 64 Resp: 82965

Ion Ratio Lower Upper

64 100

66 34.2 26.3 39.5



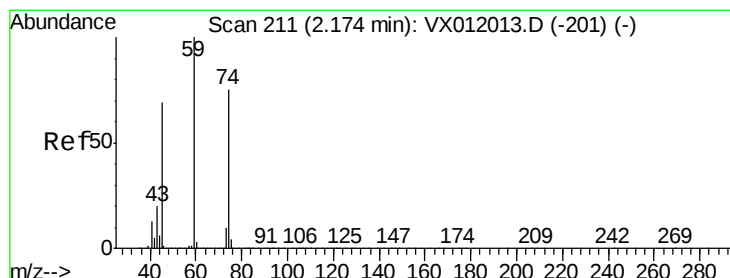
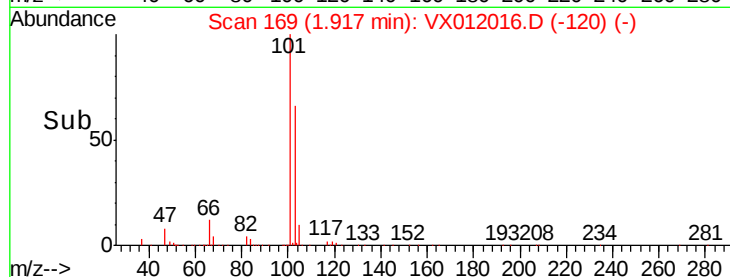
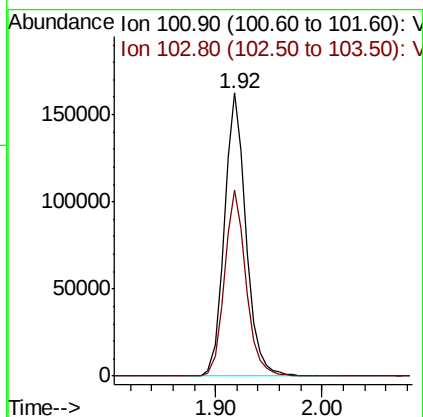
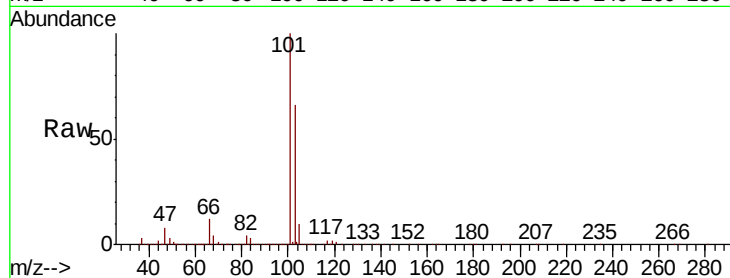


#7

Trichlorofluoromethane
 Concen: 52.481 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Instrument :
 MSVOA_X
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 ICVVX090219

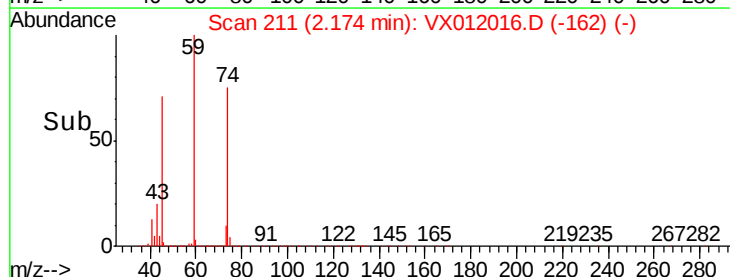
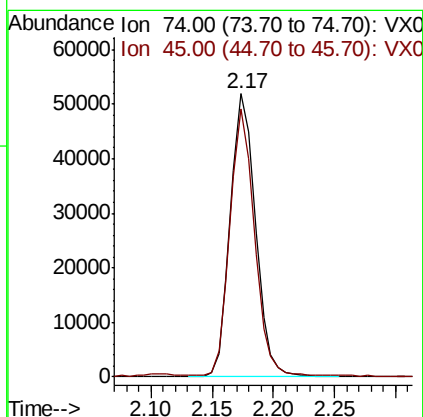
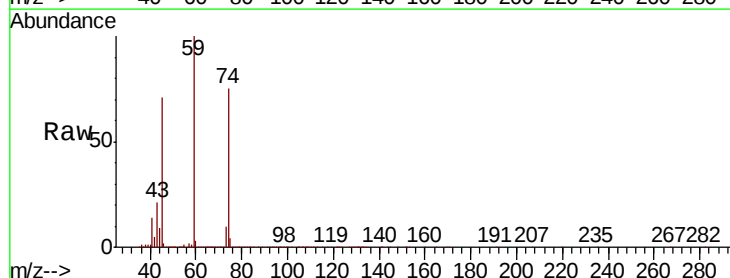
Tgt Ion: 101 Resp: 230464
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.6 77.4

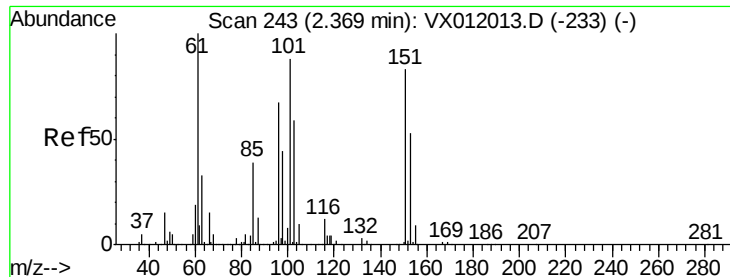


#8

Diethyl Ether
 Concen: 55.668 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 74 Resp: 74333
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.418 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

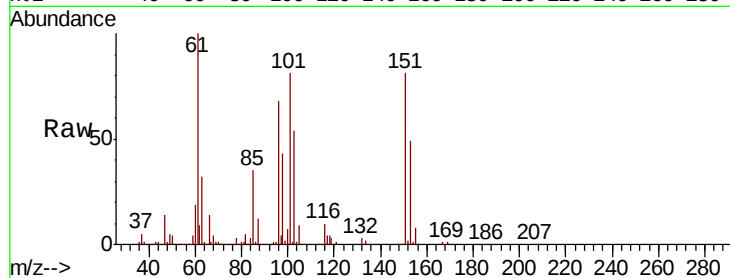
Tgt Ion:101 Resp: 149387

Ion Ratio Lower Upper

101 100

85 42.5 34.5 51.7

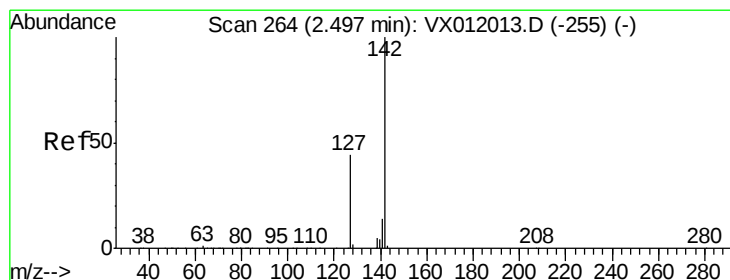
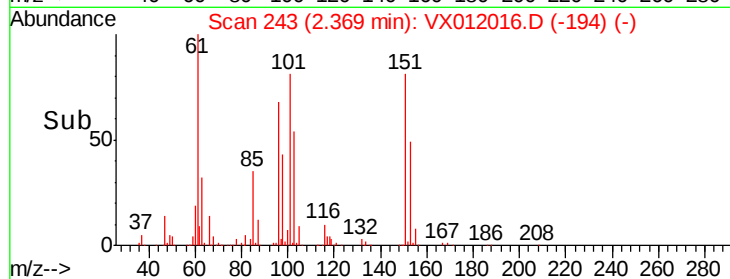
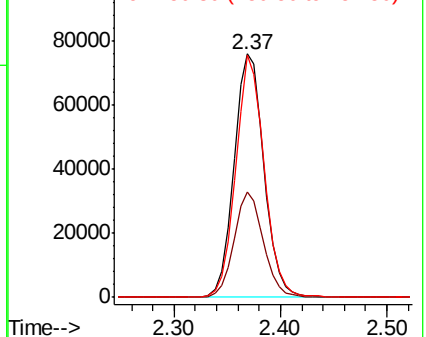
151 94.7 75.0 112.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.076 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

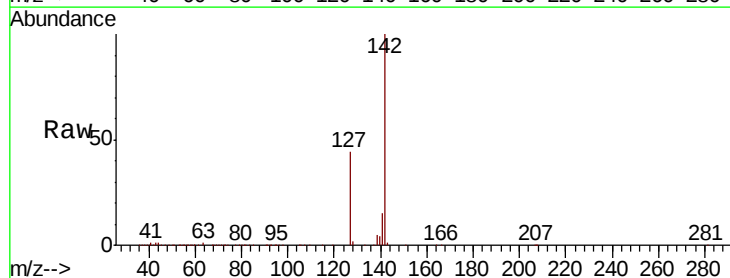
Tgt Ion:142 Resp: 152065

Ion Ratio Lower Upper

142 100

127 43.4 35.4 53.2

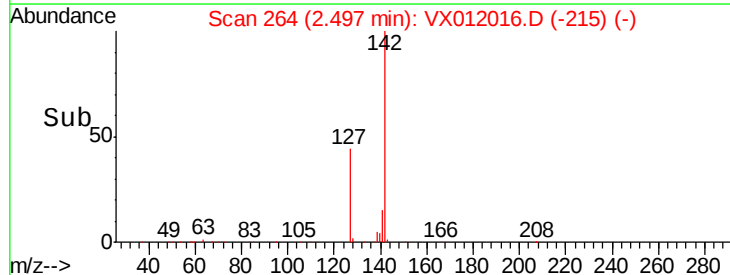
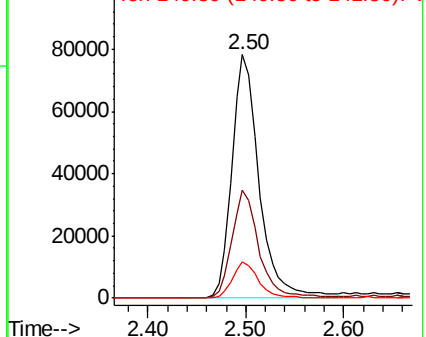
141 14.1 11.4 17.2

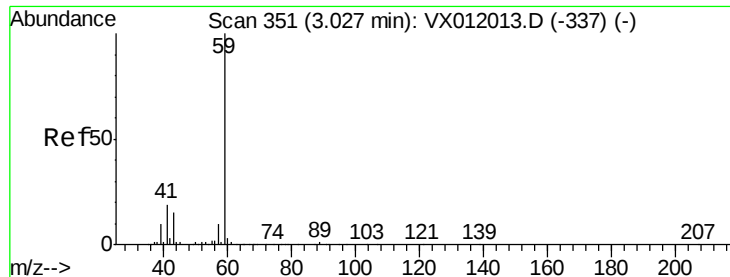


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

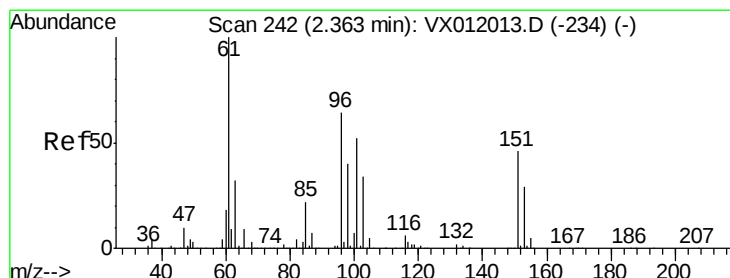
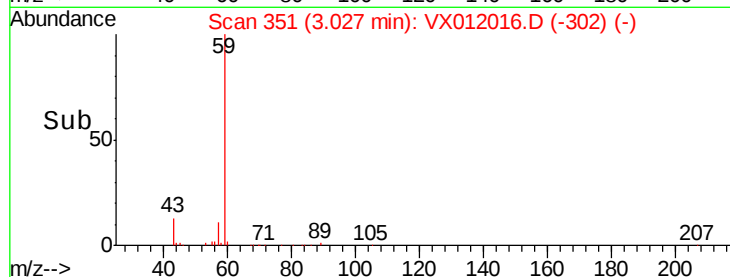
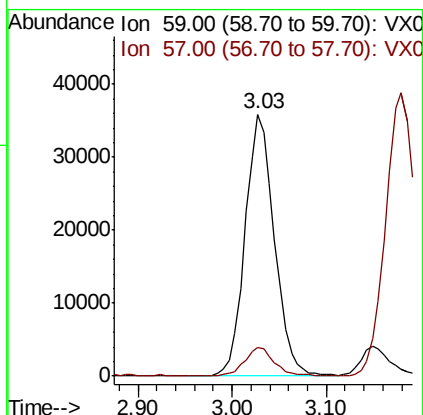
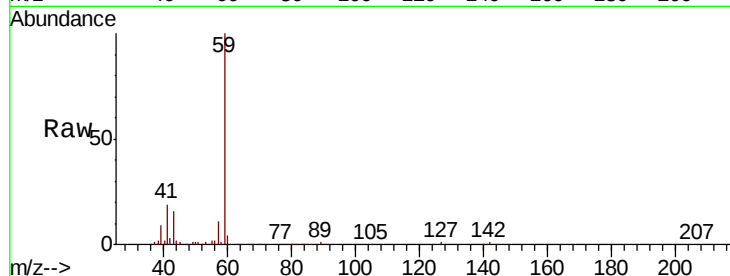




#11
Tert butyl alcohol
Concen: 270.745 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

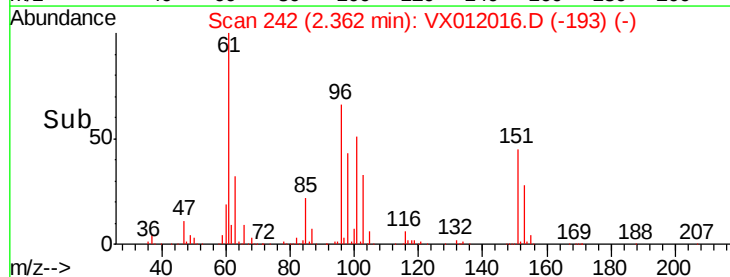
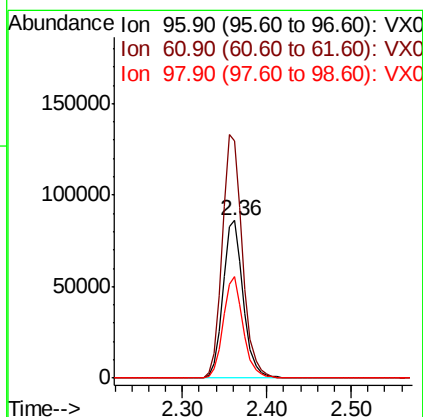
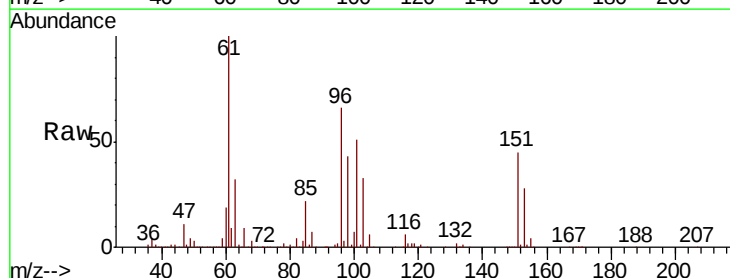
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

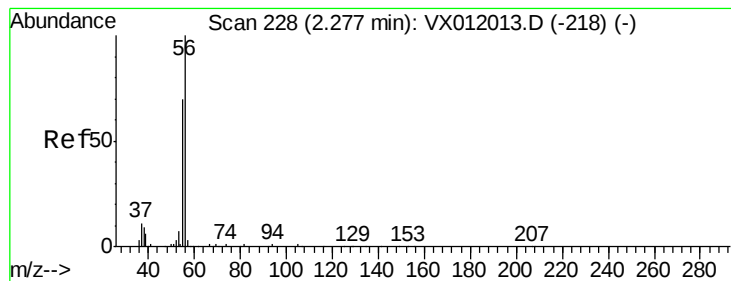
Tgt Ion: 59 Resp: 78466
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9



#12
1,1-Dichloroethene
Concen: 55.509 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 96 Resp: 141638
Ion Ratio Lower Upper
96 100
61 151.1 124.1 186.1
98 64.7 50.2 75.2





#13

Acrolein

Concen: 248.211 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

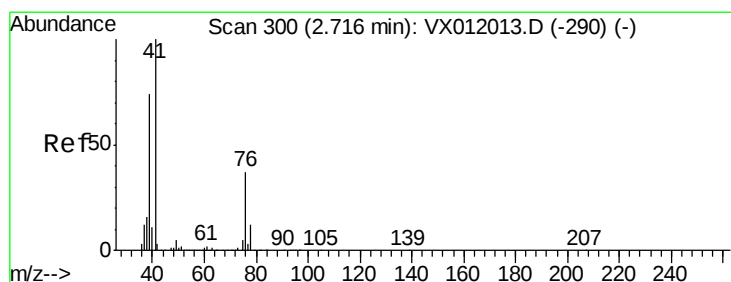
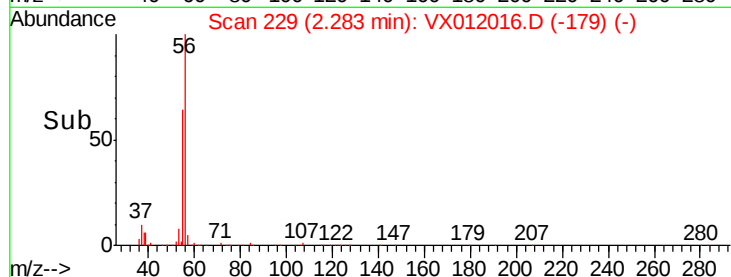
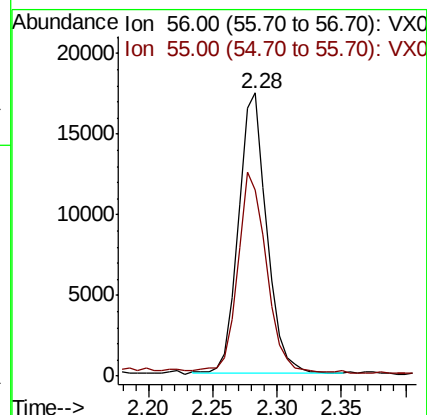
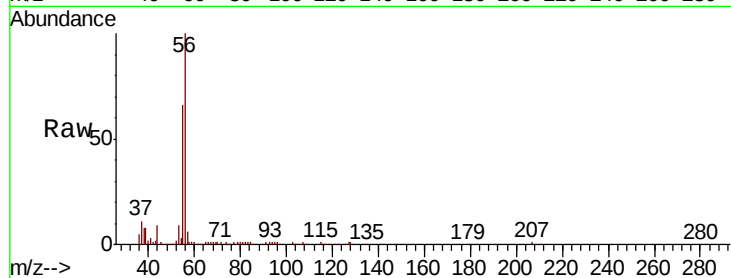
ICVVX090219

Tgt Ion: 56 Resp: 26336

Ion Ratio Lower Upper

56 100

55 71.8 59.2 88.8



#14

Allyl chloride

Concen: 54.385 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

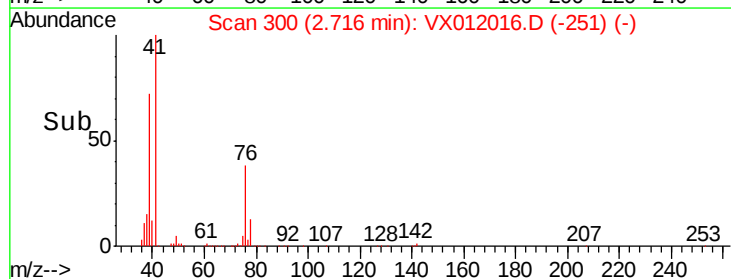
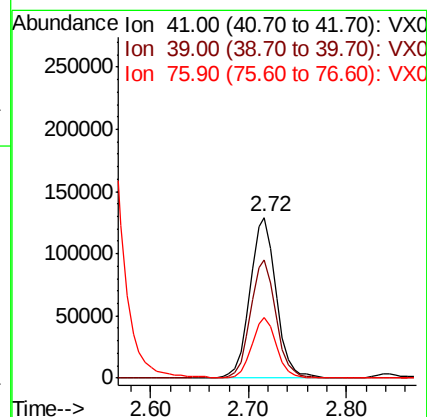
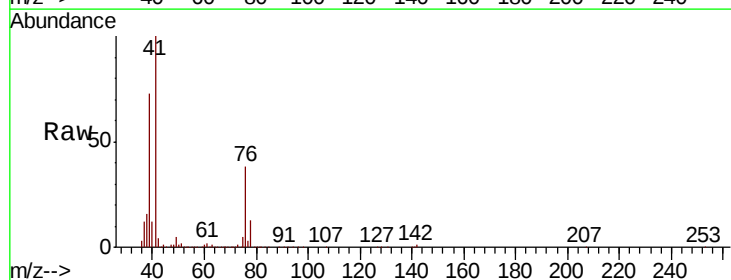
Tgt Ion: 41 Resp: 237829

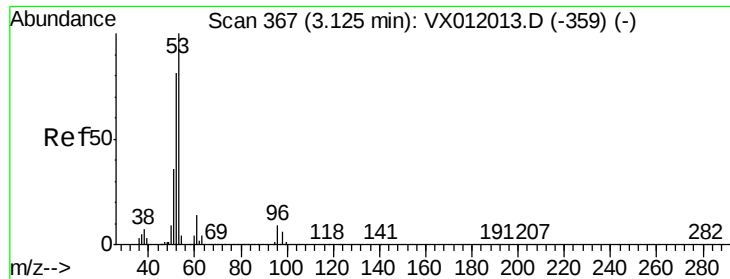
Ion Ratio Lower Upper

41 100

39 71.2 57.9 86.9

76 36.0 28.5 42.7





#15

Acrylonitrile

Concen: 276.811 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

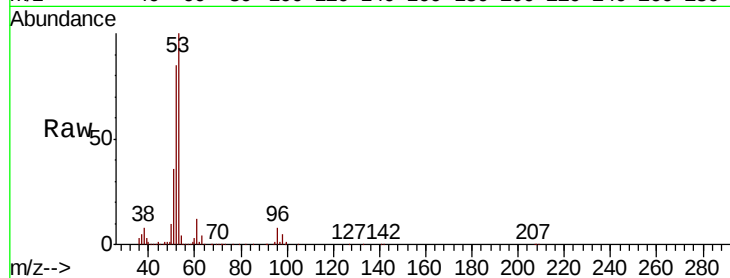
Tgt Ion: 53 Resp: 189105

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

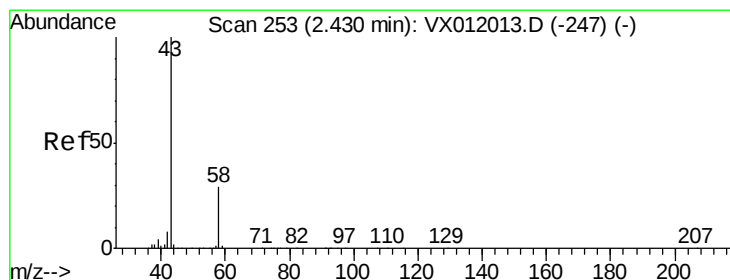
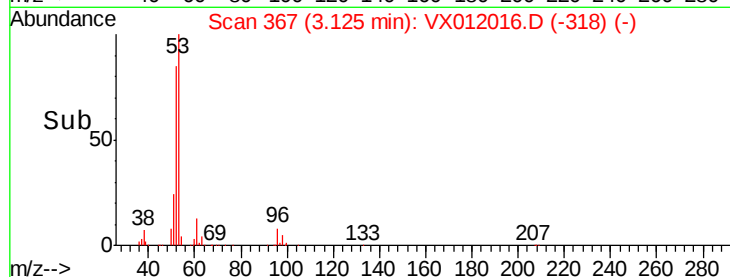
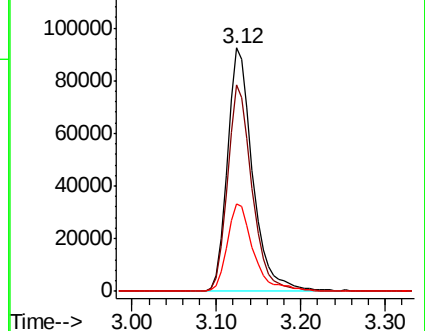
51 37.4 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.214 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012016.D

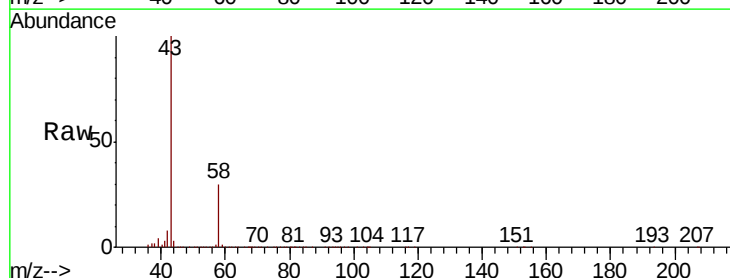
Acq: 02 Sep 2019 15:10

Tgt Ion: 43 Resp: 174341

Ion Ratio Lower Upper

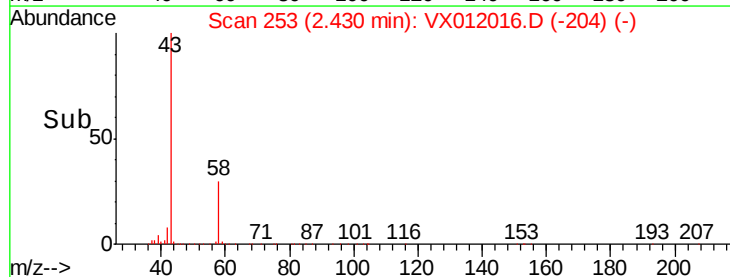
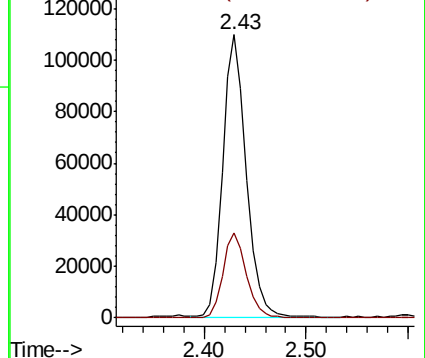
43 100

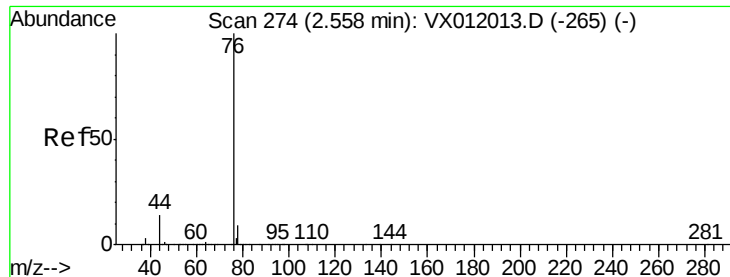
58 30.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 58.341 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

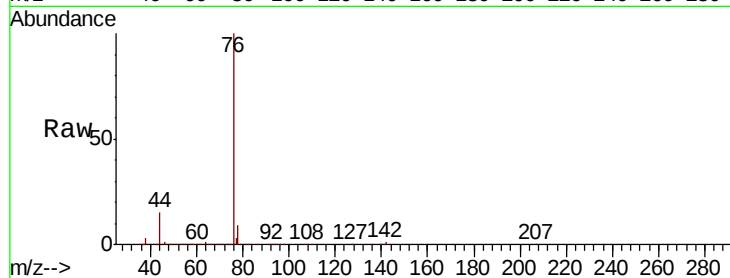
ICVVX090219

Tgt Ion: 76 Resp: 419982

Ion Ratio Lower Upper

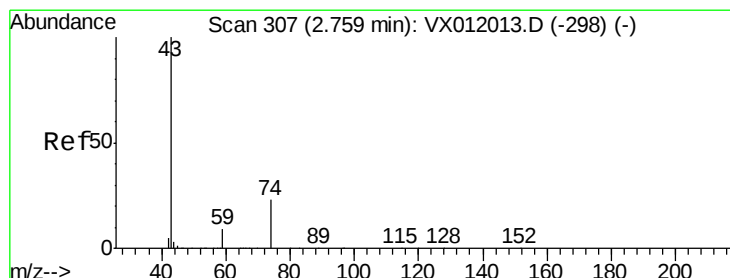
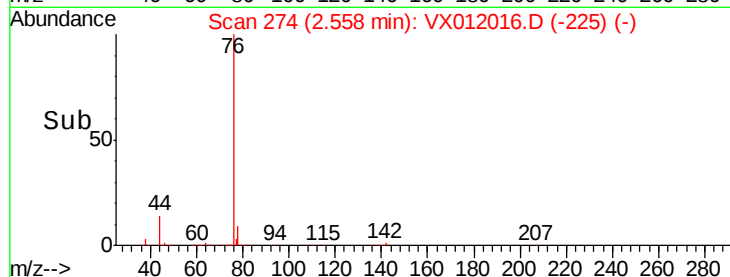
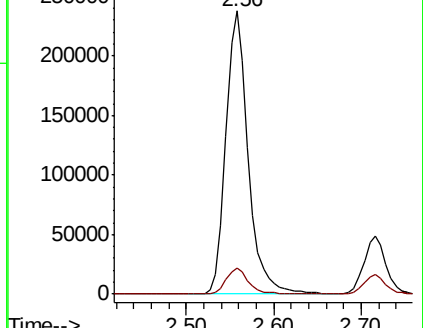
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.922 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012016.D

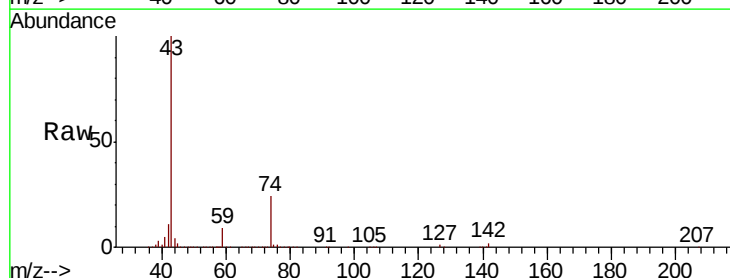
Acq: 02 Sep 2019 15:10

Tgt Ion: 43 Resp: 99775

Ion Ratio Lower Upper

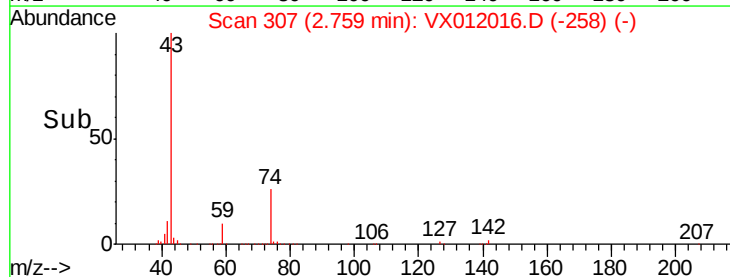
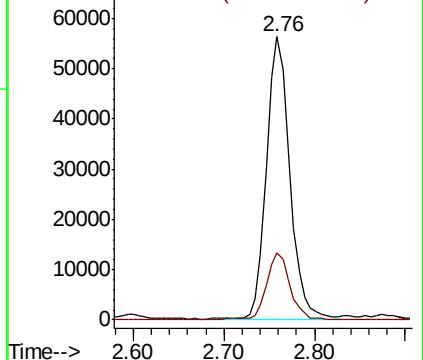
43 100

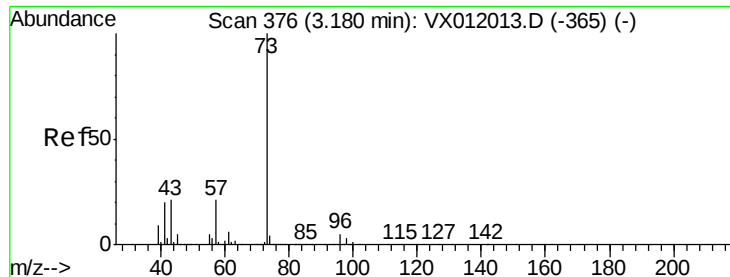
74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

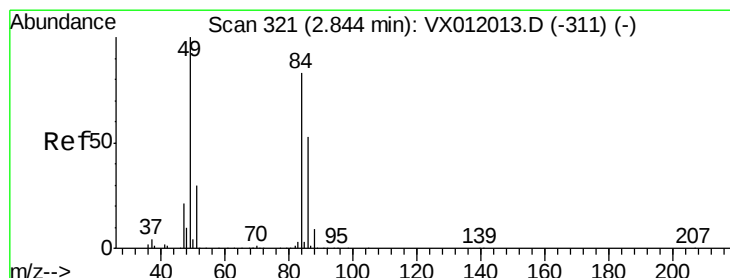
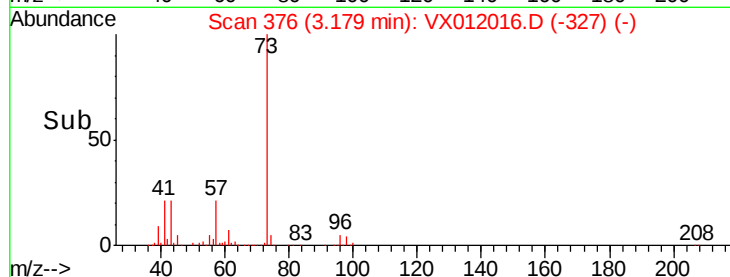
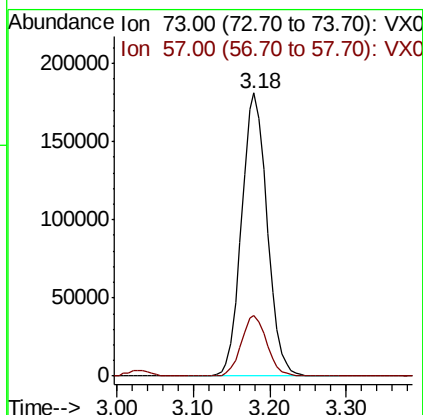
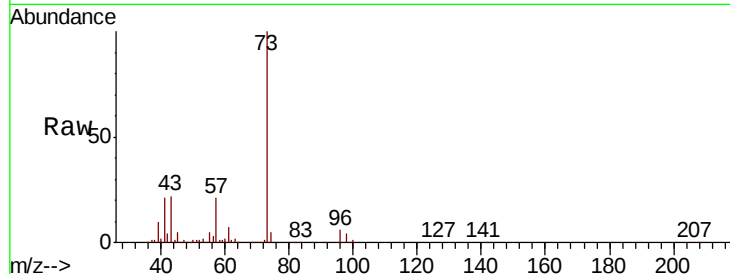




#19
Methyl tert-butyl Ether
Concen: 55.243 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

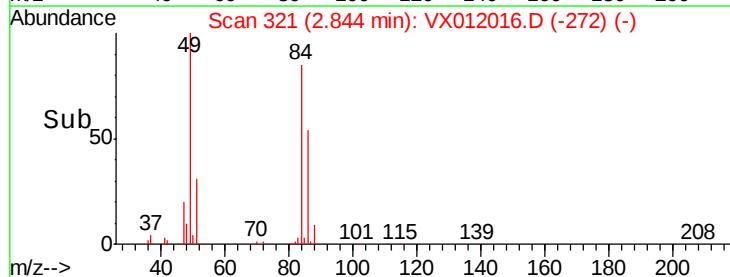
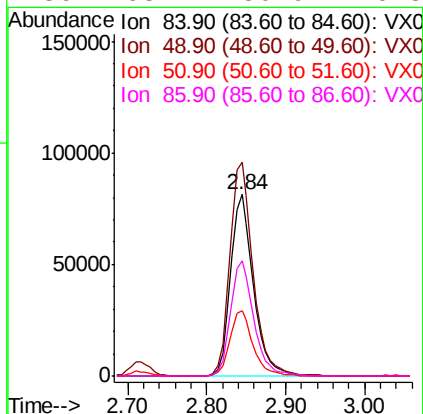
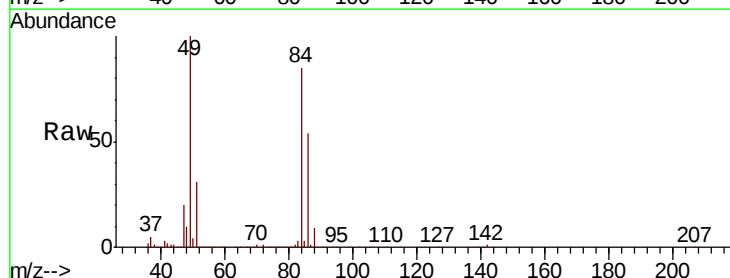
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

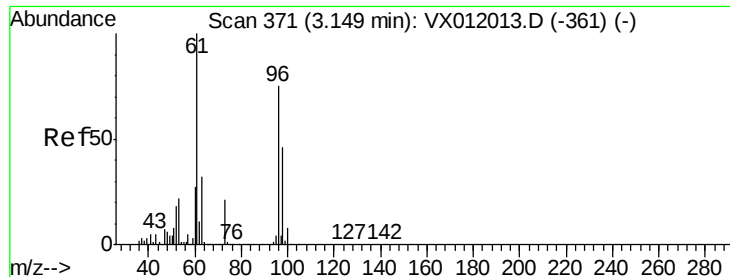
Tgt Ion: 73 Resp: 420220
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 52.655 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 84 Resp: 163750
Ion Ratio Lower Upper
84 100
49 117.3 95.8 143.8
51 35.8 28.6 43.0
86 63.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 54.447 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

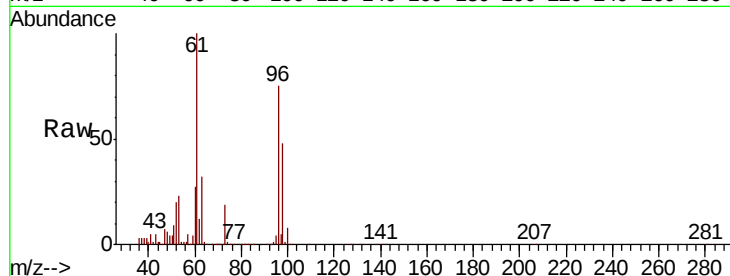
Tgt Ion: 96 Resp: 165145

Ion Ratio Lower Upper

96 100

61 132.8 107.0 160.6

98 63.3 49.8 74.6



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

150000

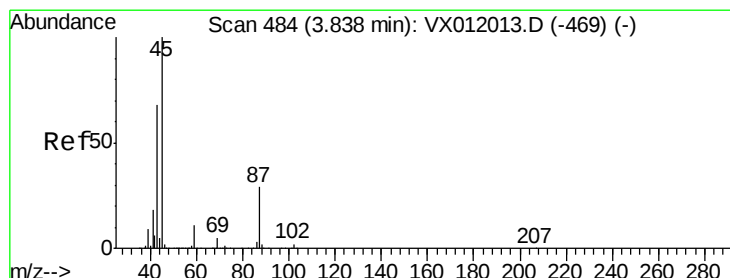
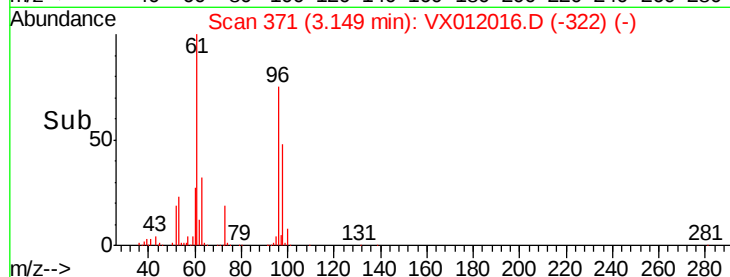
100000

50000

0

3.05 3.10 3.15 3.20 3.25

Time-->



#22

Diisopropyl ether

Concen: 54.649 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Tgt Ion: 45 Resp: 480615

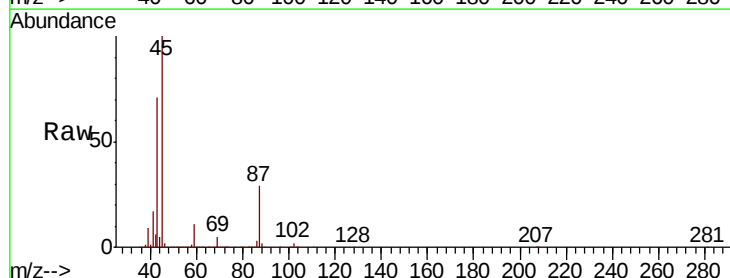
Ion Ratio Lower Upper

45 100

43 70.4 54.2 81.4

87 29.3 23.4 35.0

59 11.4 9.0 13.6



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

800000

600000

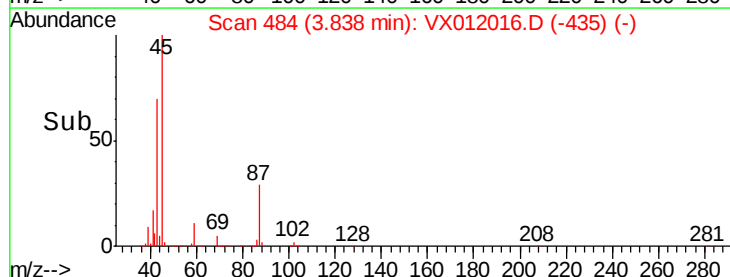
400000

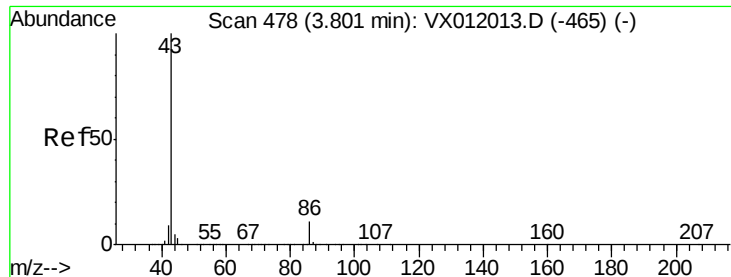
200000

0

3.70 3.80 3.90 4.00

Time-->

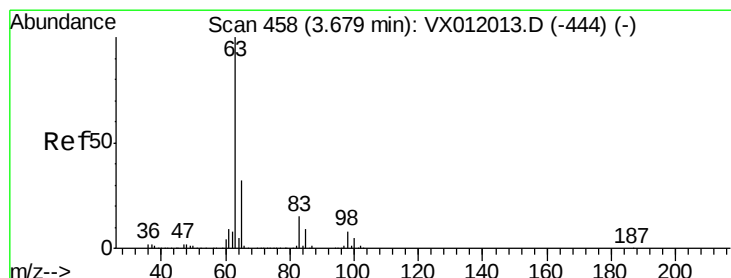
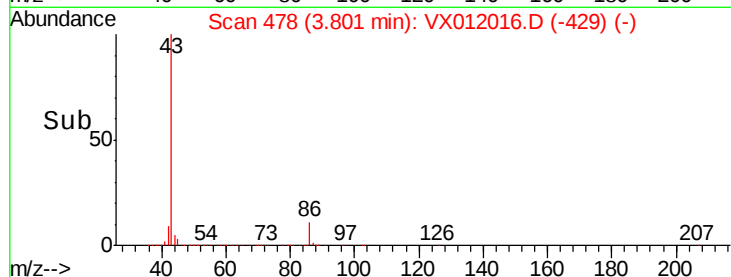
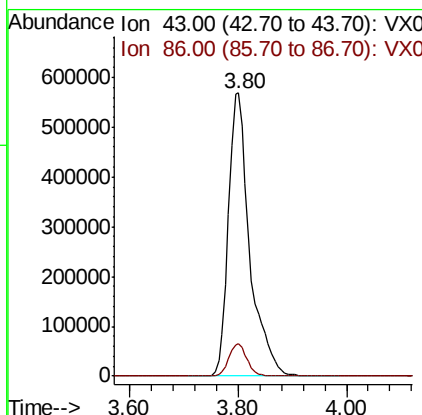
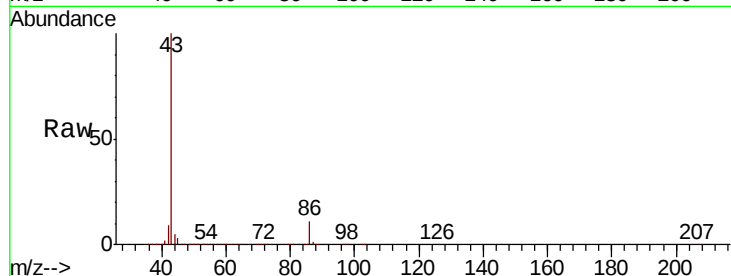




#23
 Vinyl Acetate
 Concen: 281.111 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

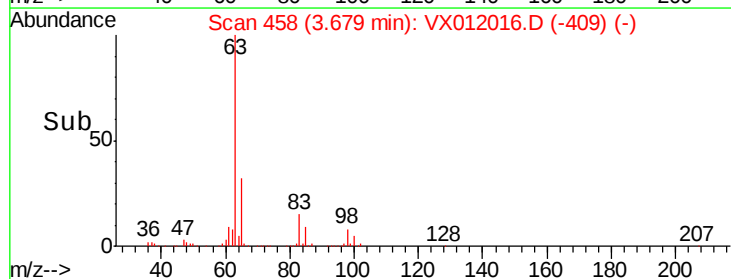
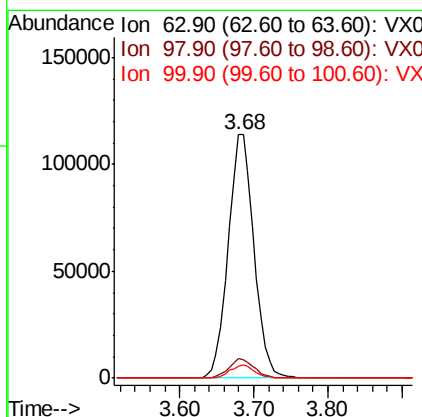
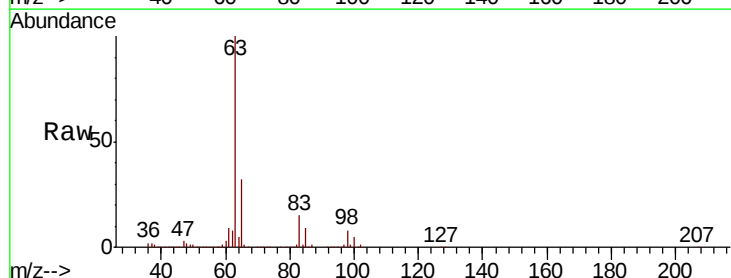
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

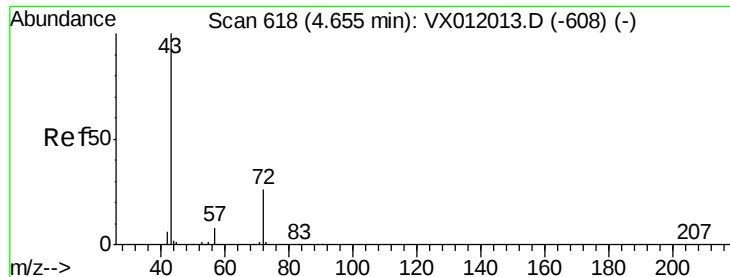
Tgt Ion: 43 Resp: 1554463
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 53.745 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 63 Resp: 275648
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 276.966 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

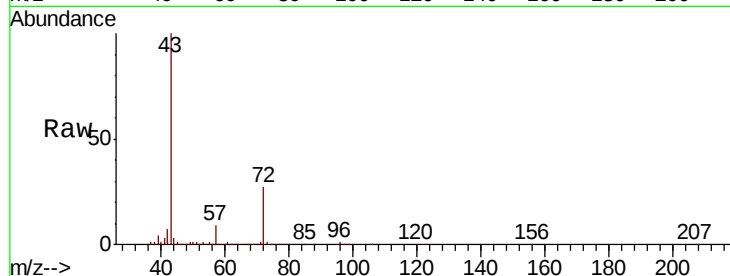
ICVVX090219

Tgt Ion: 43 Resp: 259788

Ion Ratio Lower Upper

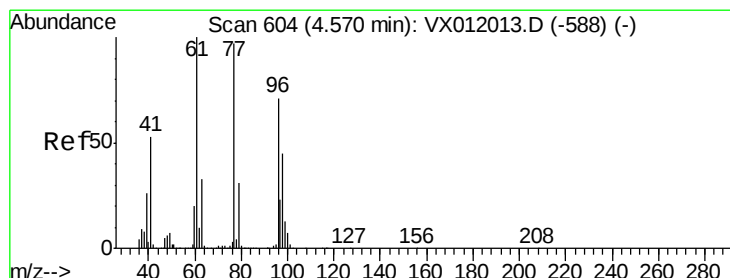
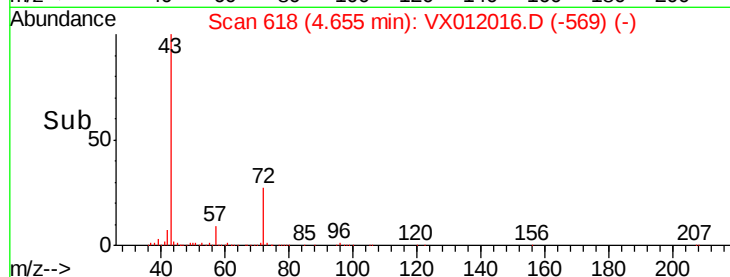
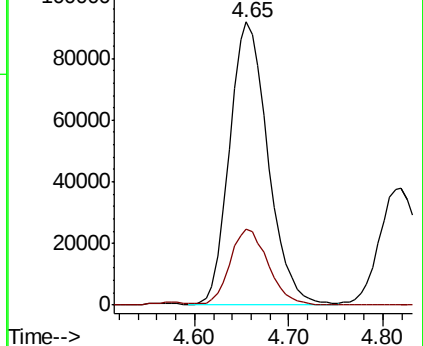
43 100

72 26.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.694 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012016.D

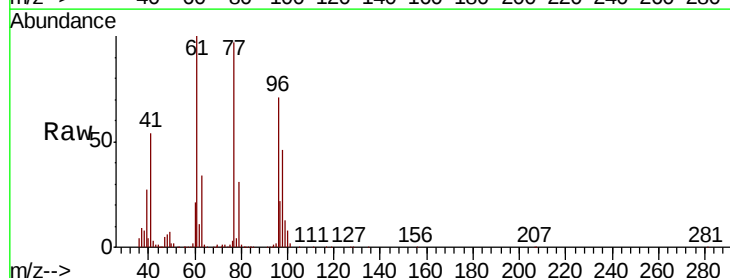
Acq: 02 Sep 2019 15:10

Tgt Ion: 77 Resp: 241173

Ion Ratio Lower Upper

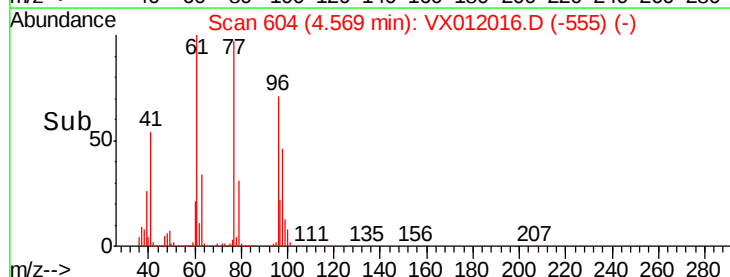
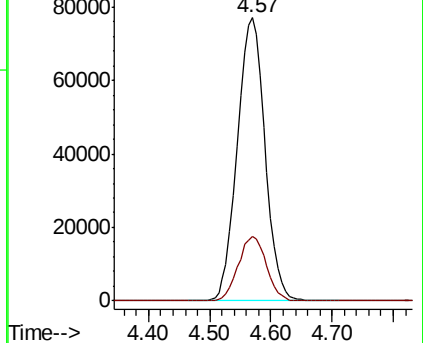
77 100

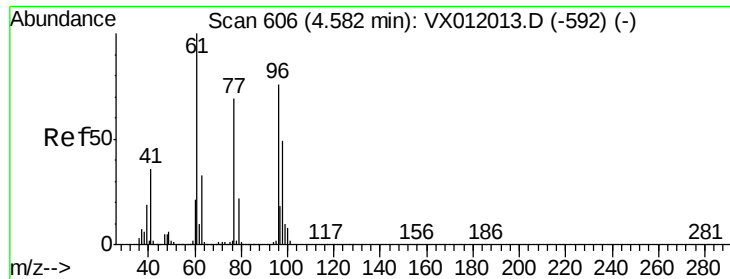
97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.341 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

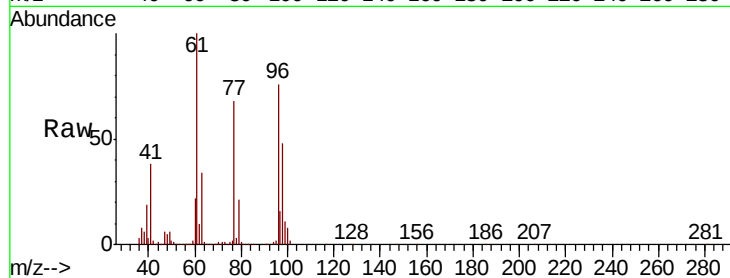
Tgt Ion: 96 Resp: 189369

Ion Ratio Lower Upper

96 100

61 138.5 0.0 277.0

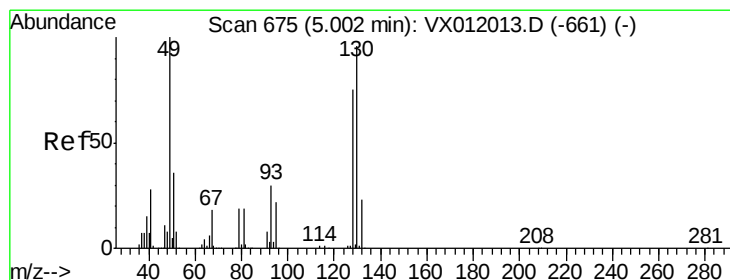
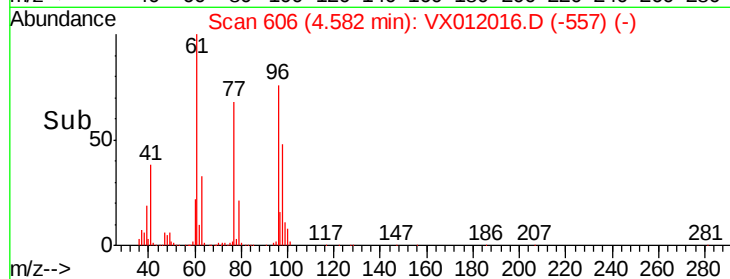
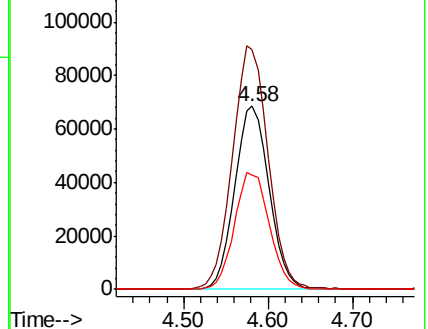
98 65.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.084 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

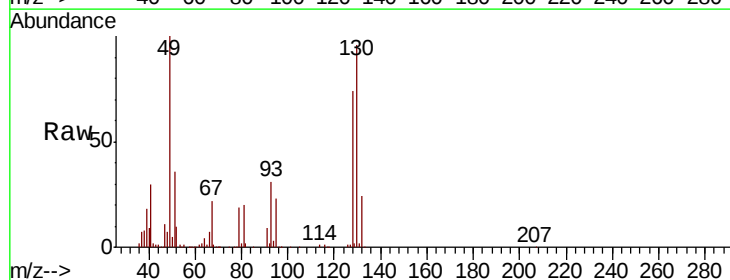
Tgt Ion: 49 Resp: 109787

Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

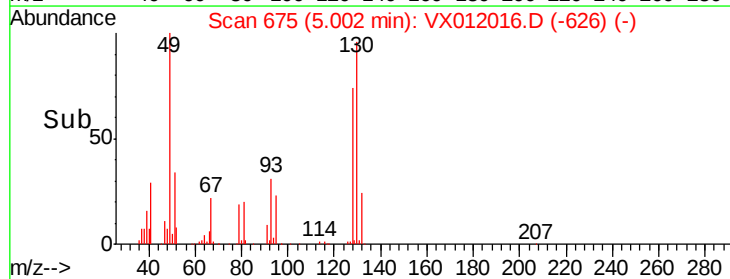
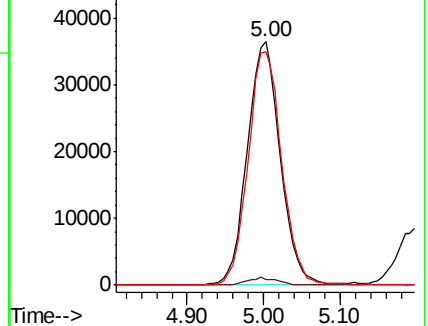
130 97.5 76.7 115.1

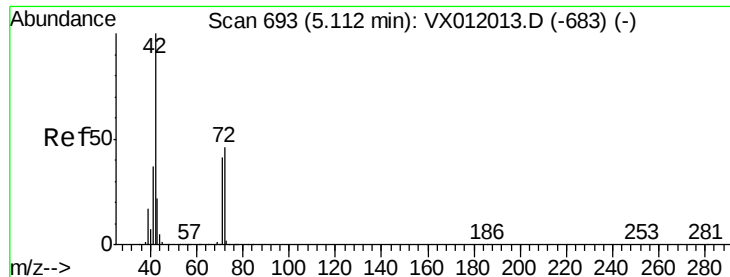


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 282.450 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

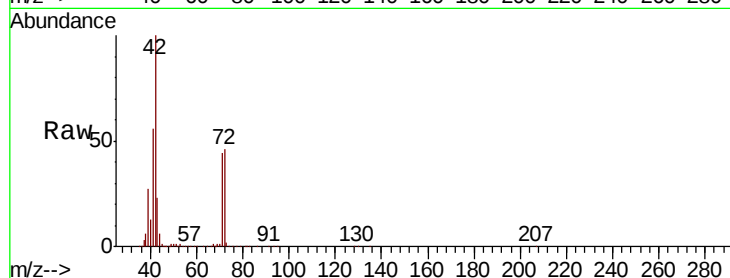
Tgt Ion: 42 Resp: 162934

Ion Ratio Lower Upper

42 100

72 47.1 37.0 55.4

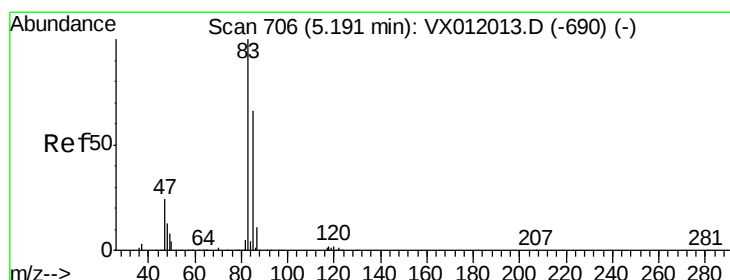
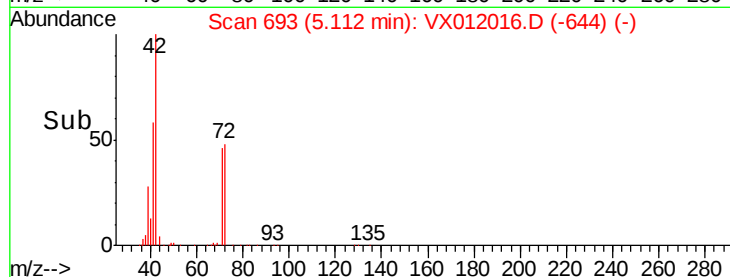
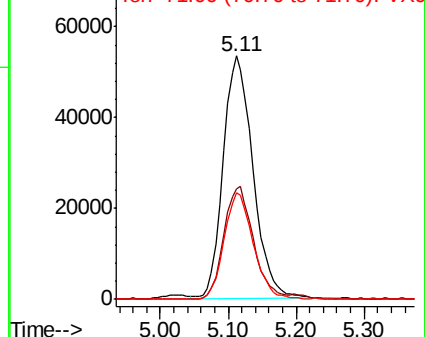
71 43.0 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.059 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012016.D

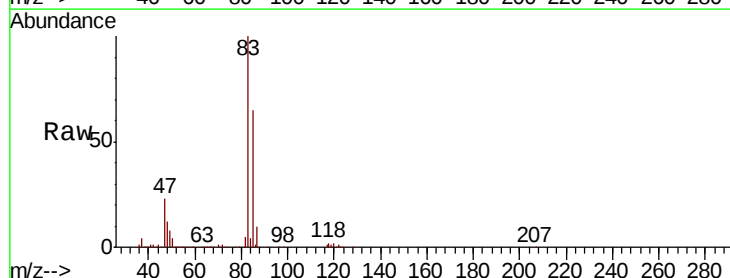
Acq: 02 Sep 2019 15:10

Tgt Ion: 83 Resp: 304325

Ion Ratio Lower Upper

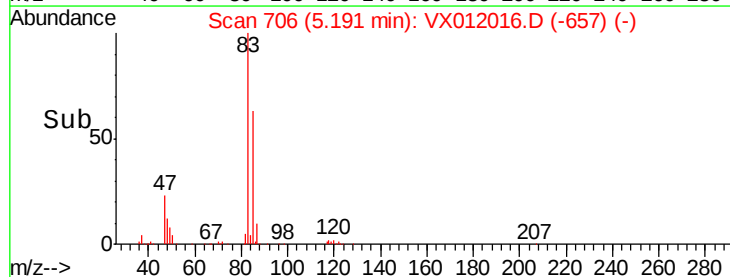
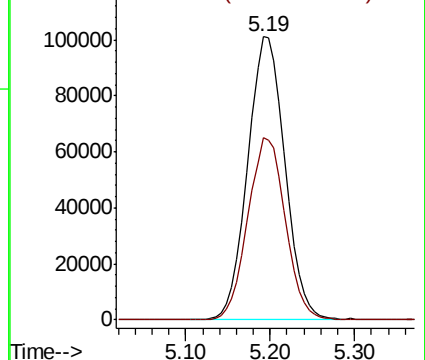
83 100

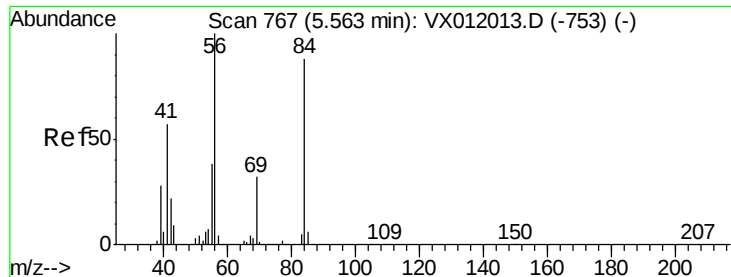
85 64.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

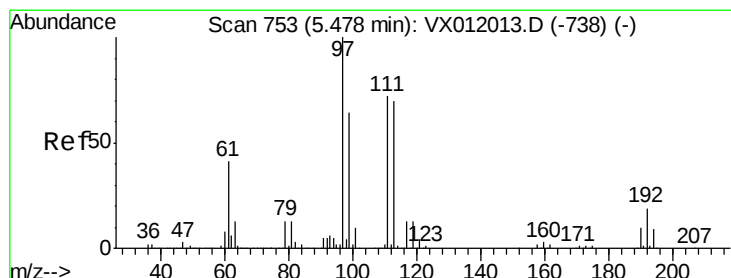
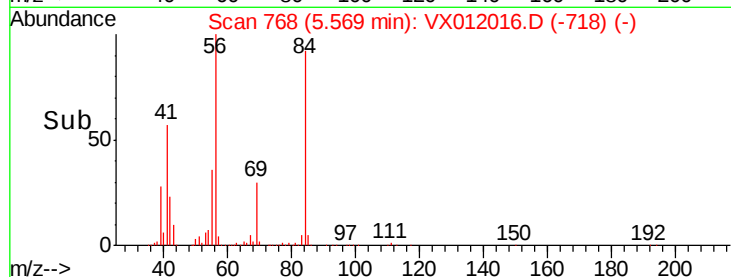
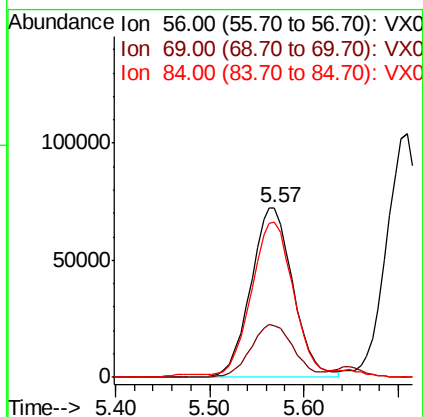
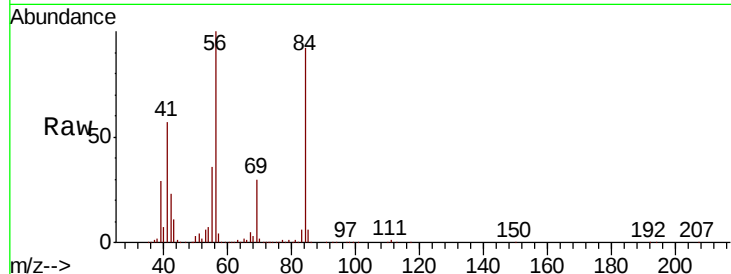




#31
Cyclohexane
Concen: 52.896 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.01 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

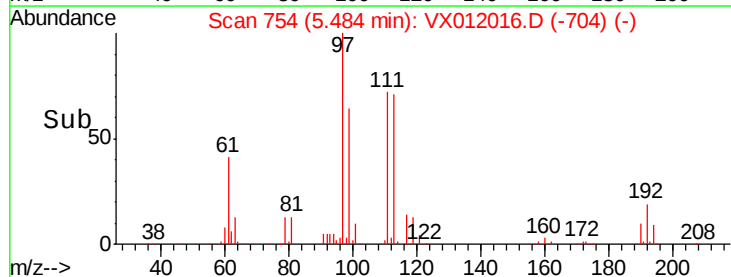
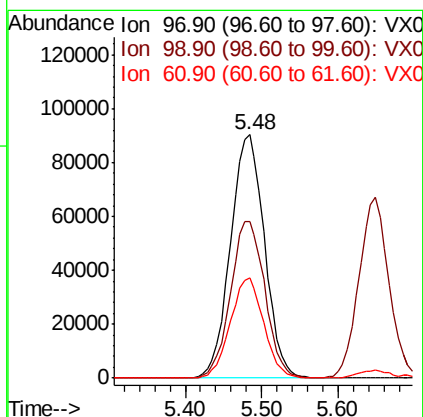
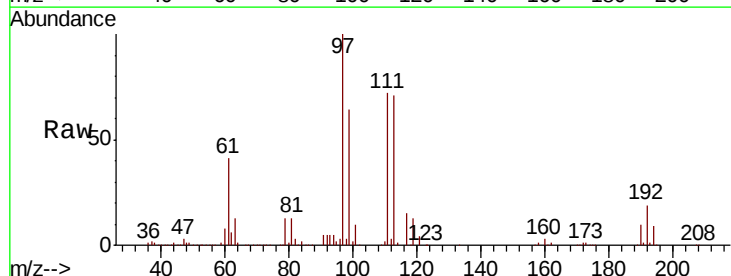
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

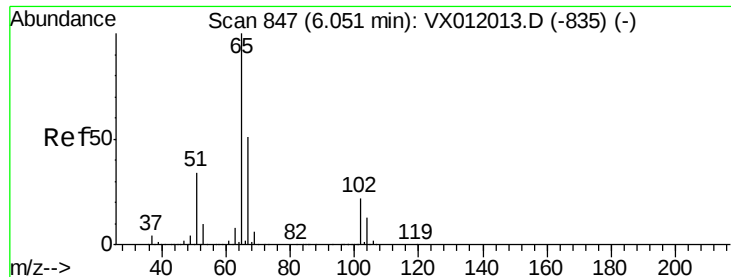
Tgt Ion: 56 Resp: 226018
Ion Ratio Lower Upper
56 100
69 30.4 25.7 38.5
84 89.7 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 53.128 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 97 Resp: 278260
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 40.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 53.595 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

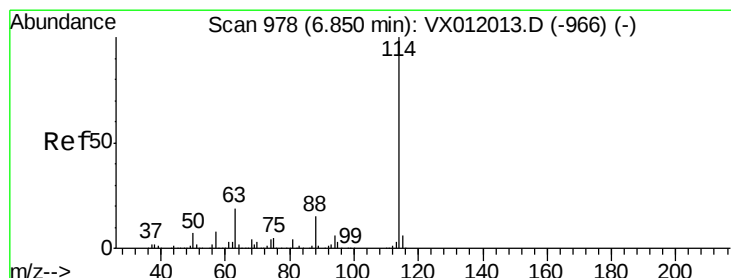
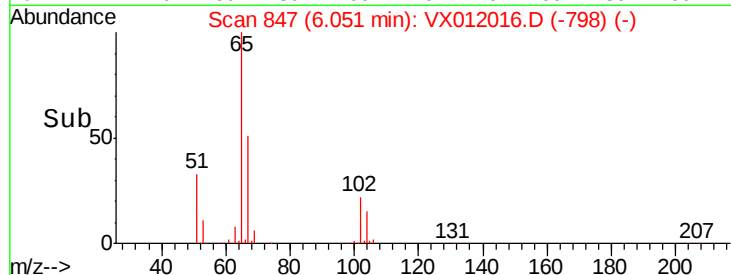
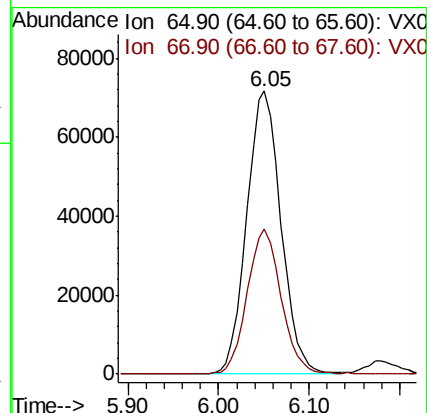
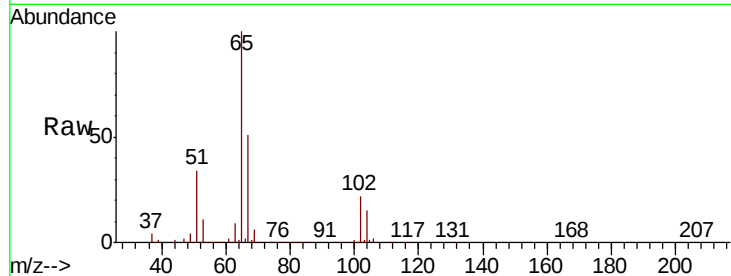
ICVVX090219

Tgt Ion: 65 Resp: 188031

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

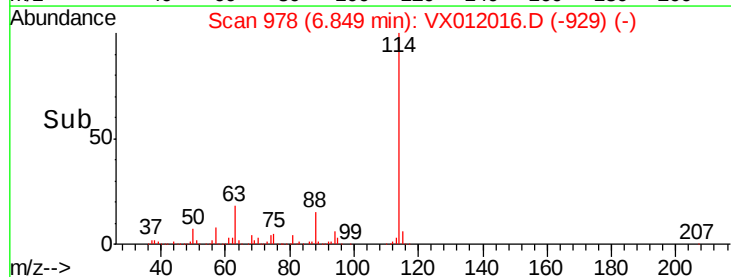
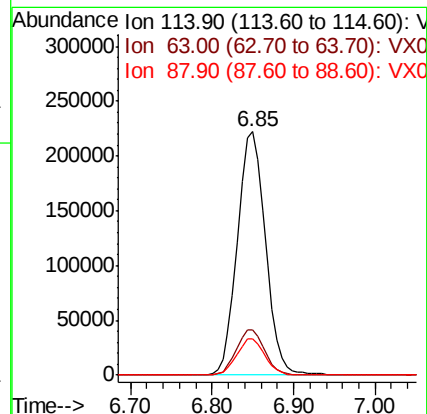
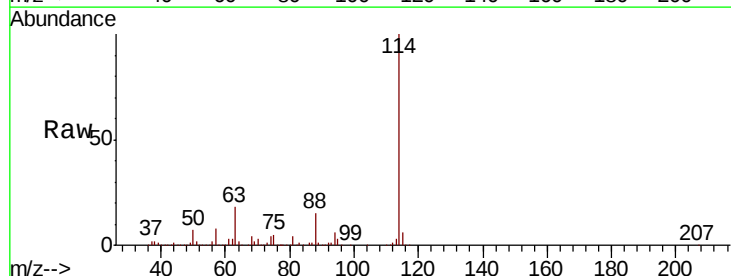
Tgt Ion: 114 Resp: 527335

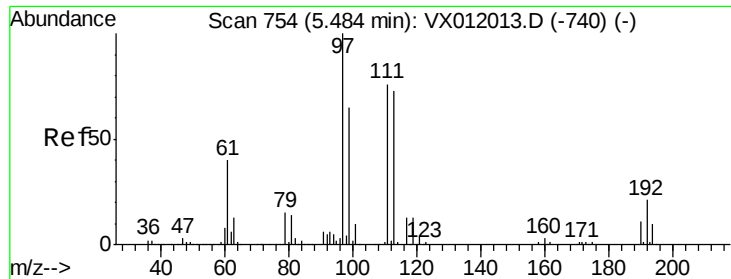
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.675 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

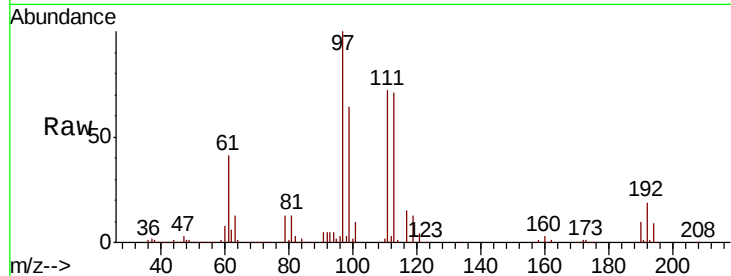
Tgt Ion:113 Resp: 182137

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

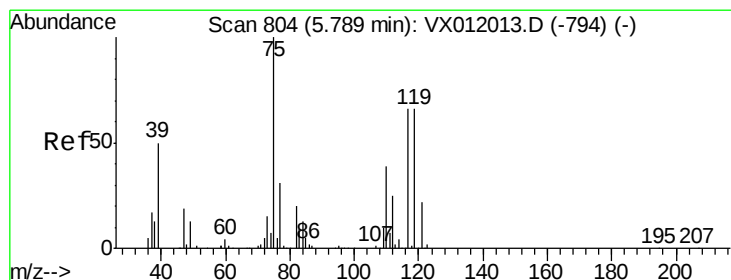
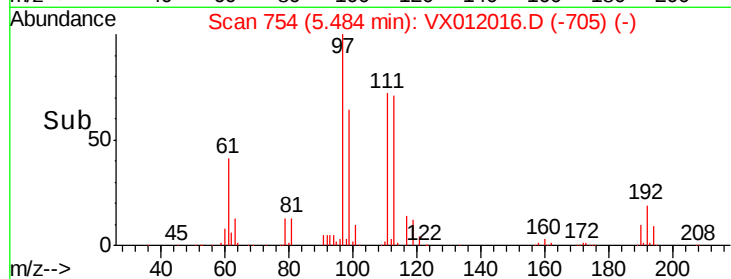
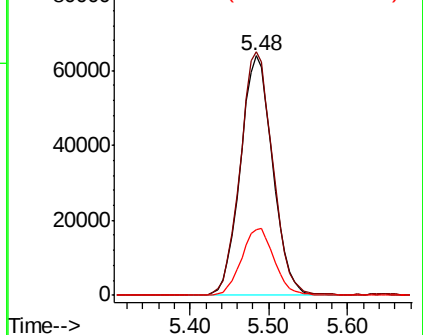
192 28.2 22.5 33.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.764 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

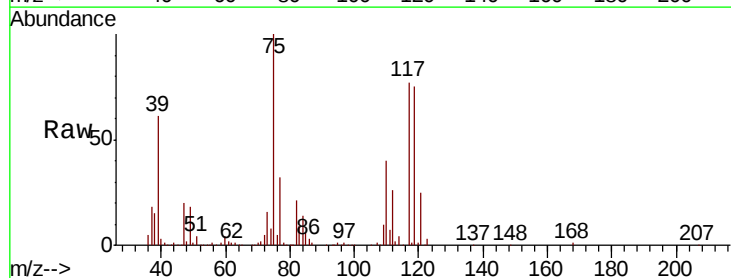
Tgt Ion: 75 Resp: 216943

Ion Ratio Lower Upper

75 100

110 39.5 19.5 58.5

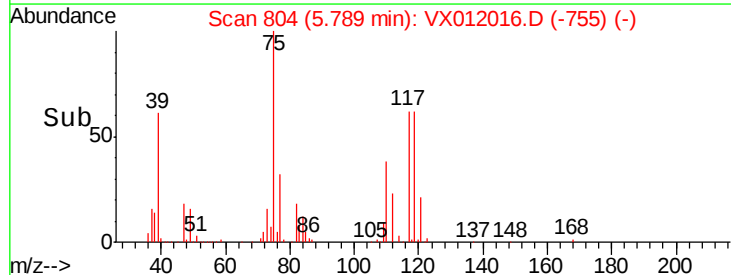
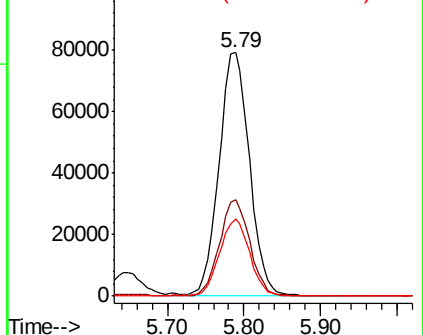
77 31.3 24.6 37.0

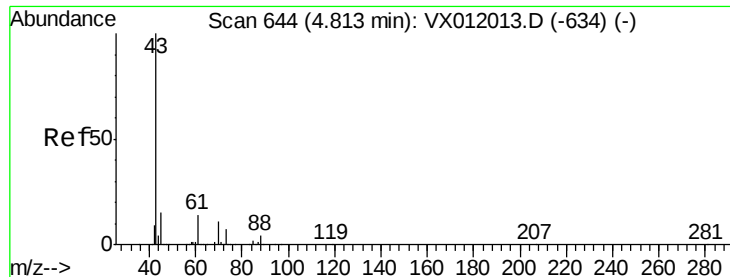


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

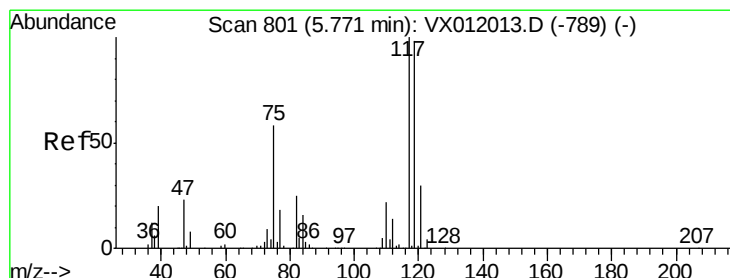
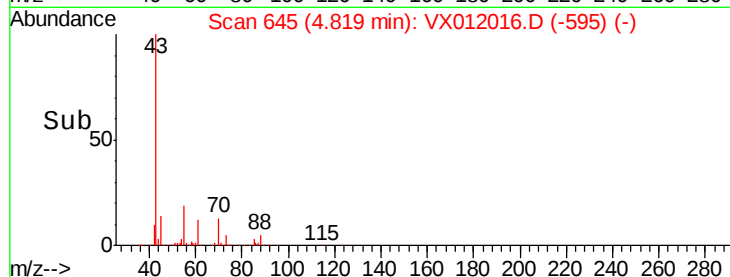
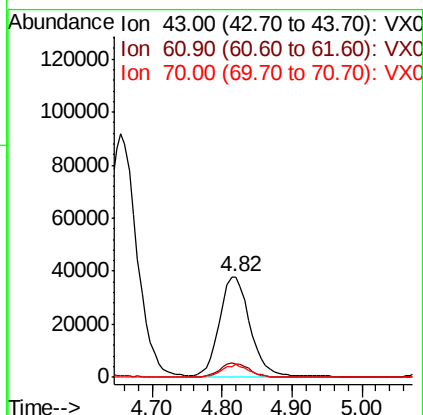
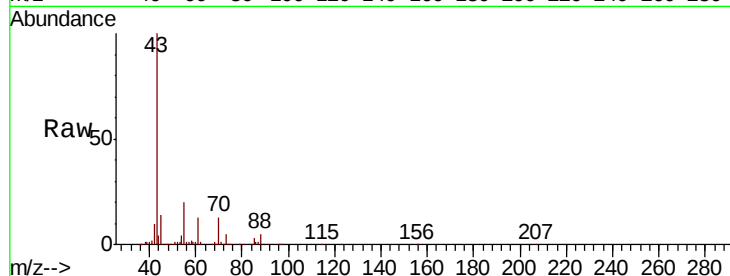




#37
 Ethyl Acetate
 Concen: 56.948 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

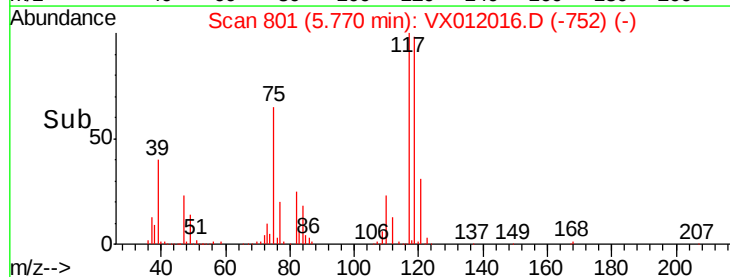
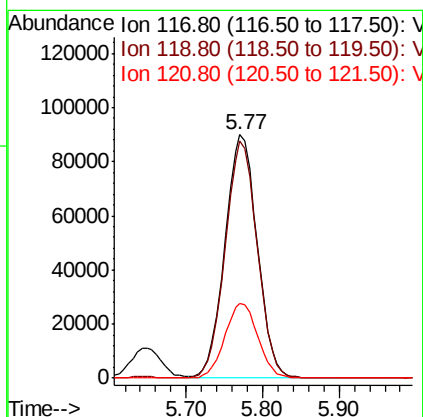
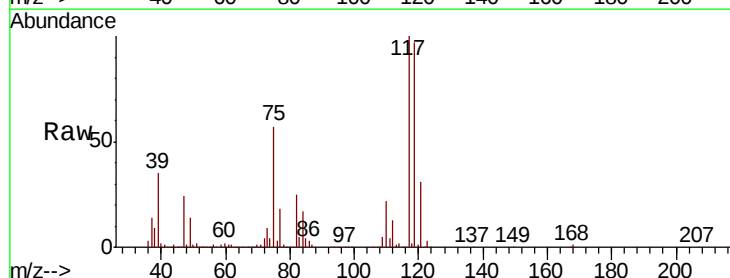
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

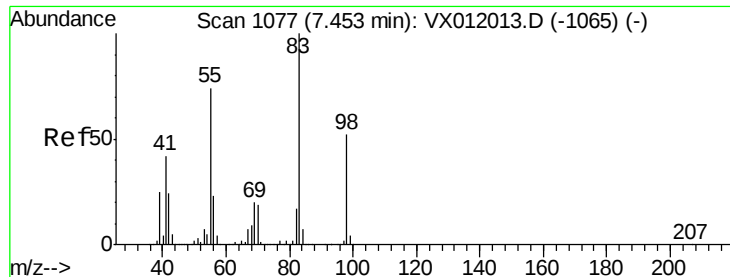
Tgt Ion: 43 Resp: 115032
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.9 16.3
 70 11.6 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 53.452 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 117 Resp: 262276
 Ion Ratio Lower Upper
 117 100
 119 97.4 78.3 117.5
 121 30.9 24.2 36.2

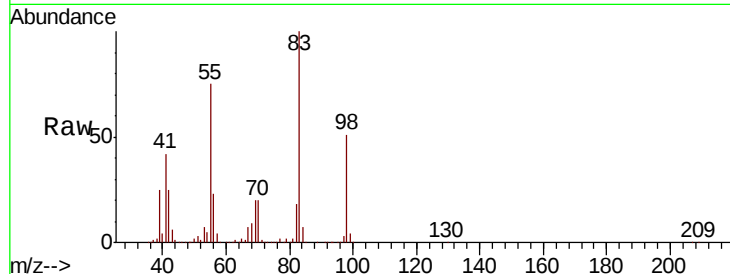




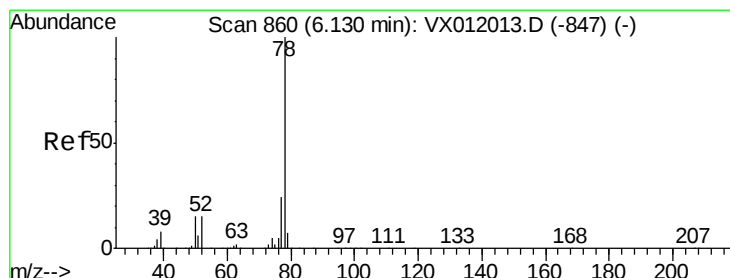
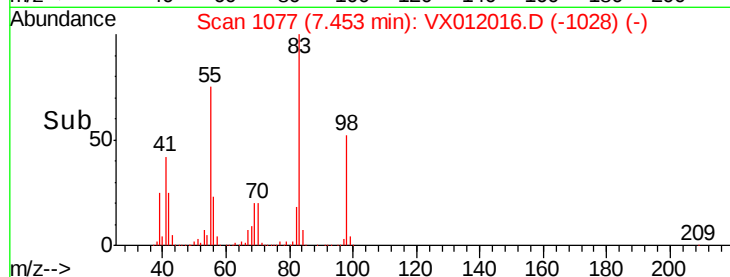
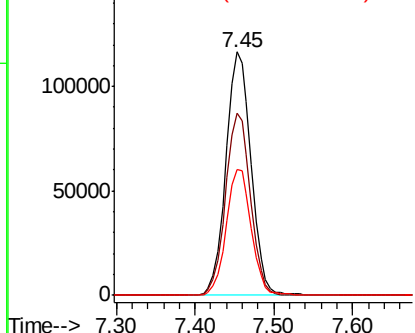
#39
Methylcyclohexane
Concen: 52.654 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

Tgt Ion: 83 Resp: 257982
Ion Ratio Lower Upper
83 100
55 74.6 59.6 89.4
98 51.5 41.4 62.0

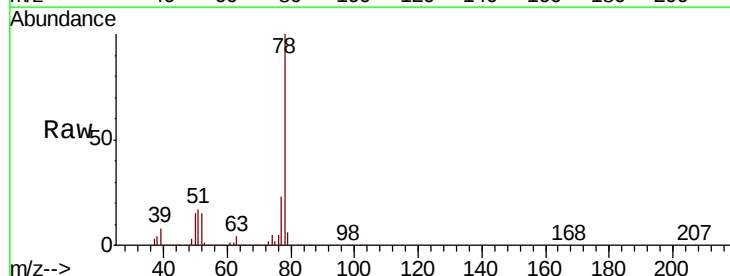


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

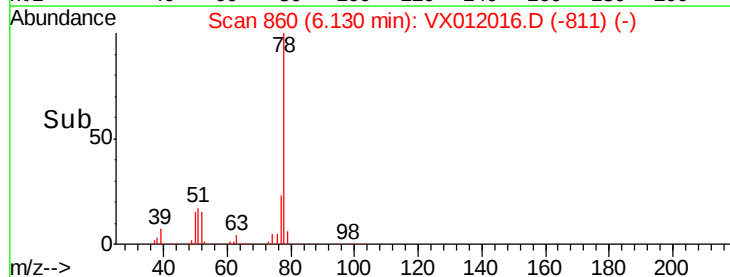
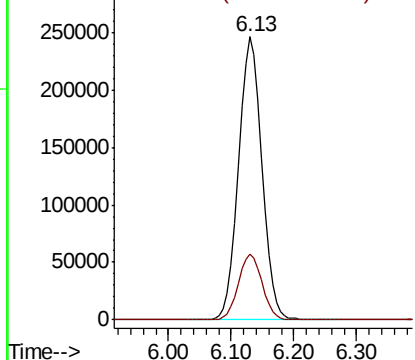


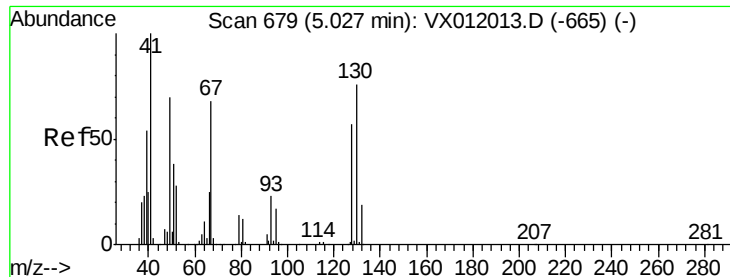
#40
Benzene
Concen: 54.675 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 78 Resp: 637182
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 55.357 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

Tgt Ion: 41 Resp: 67389

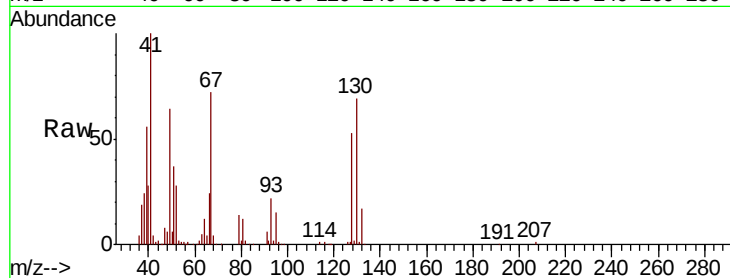
Ion Ratio Lower Upper

41 100

39 56.3 46.7 70.1

67 73.6 57.0 85.6

52 29.7 23.5 35.3

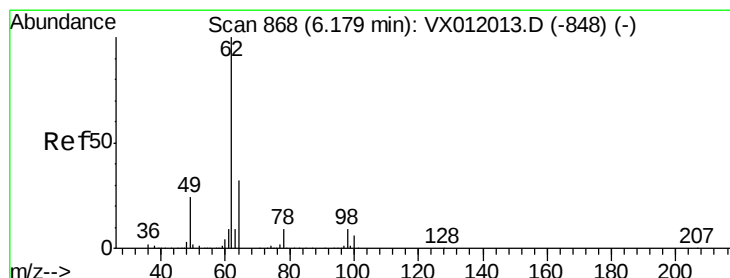
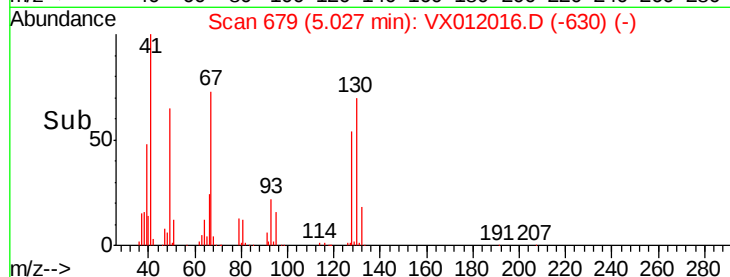
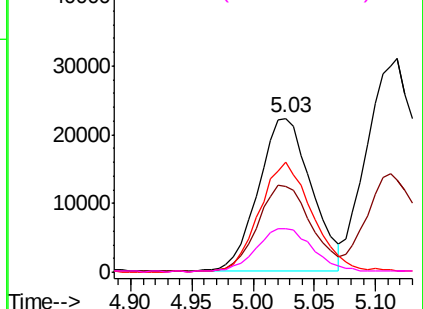


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.224 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012016.D

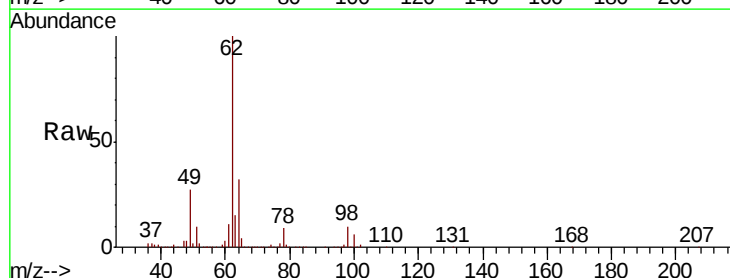
Acq: 02 Sep 2019 15:10

Tgt Ion: 62 Resp: 214074

Ion Ratio Lower Upper

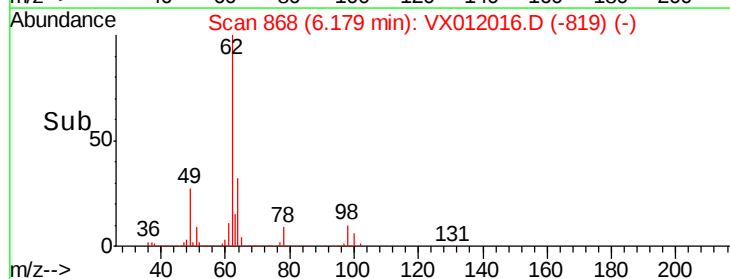
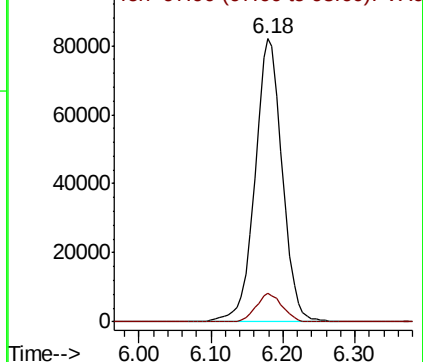
62 100

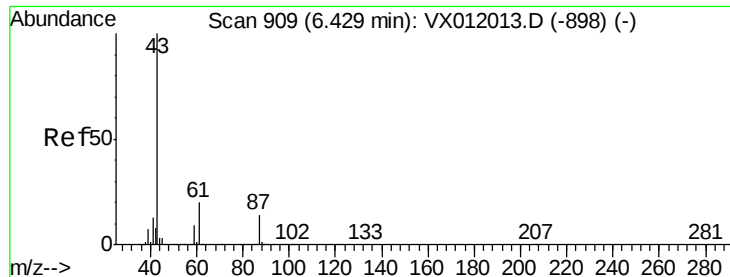
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.659 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

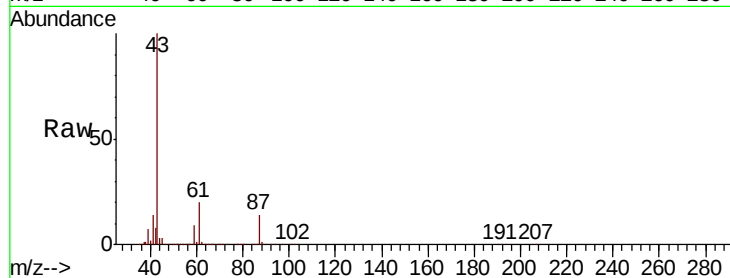
Tgt Ion: 43 Resp: 232392

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

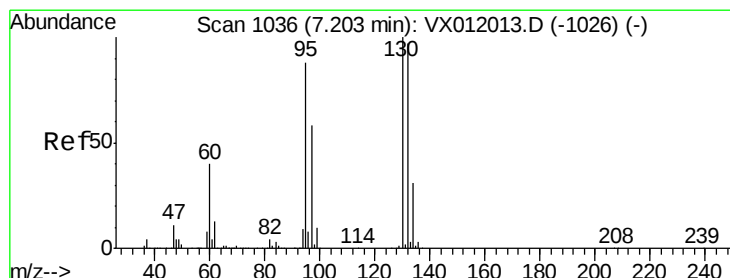
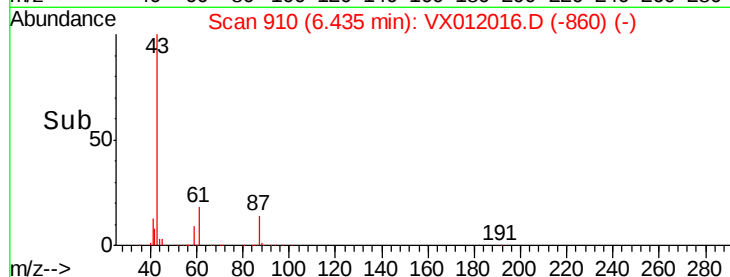
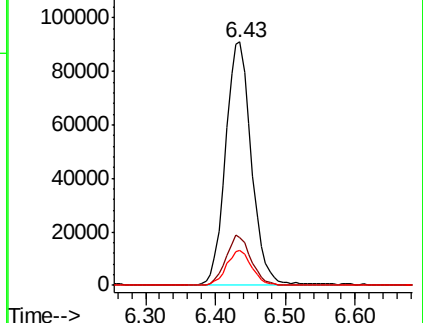
87 14.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.507 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012016.D

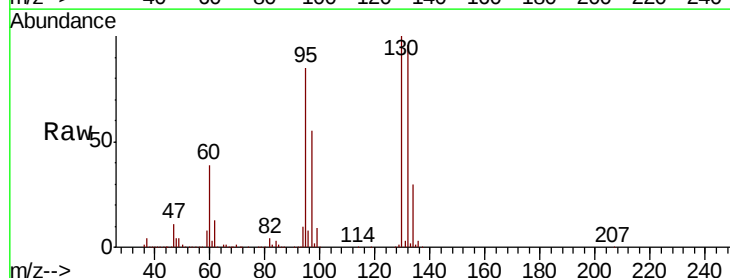
Acq: 02 Sep 2019 15:10

Tgt Ion: 130 Resp: 207108

Ion Ratio Lower Upper

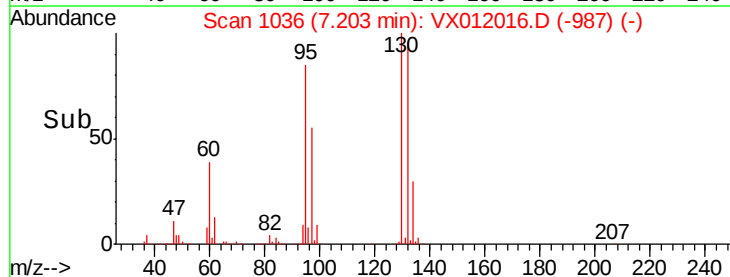
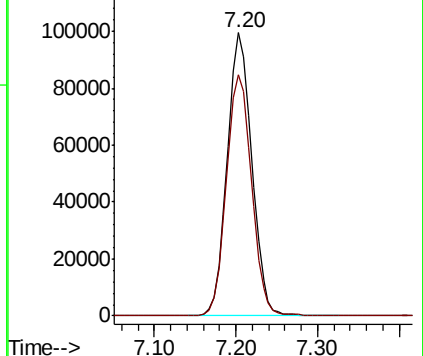
130 100

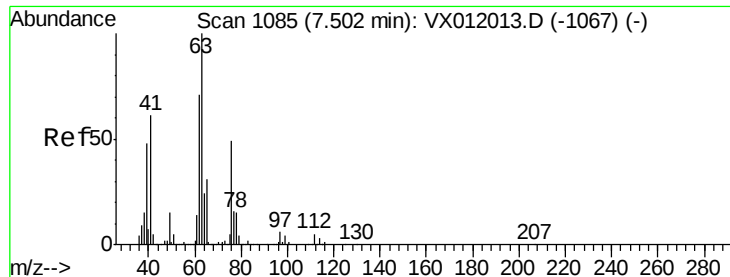
95 85.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

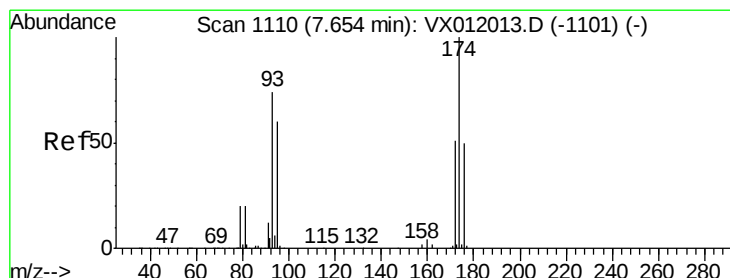
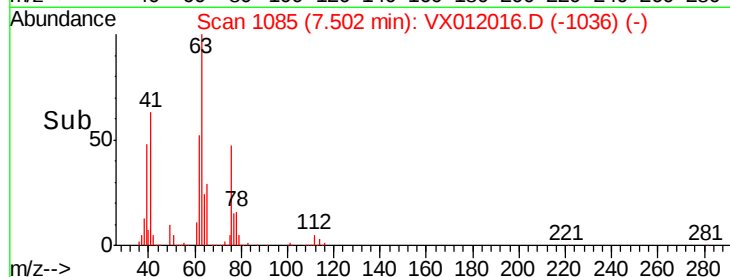
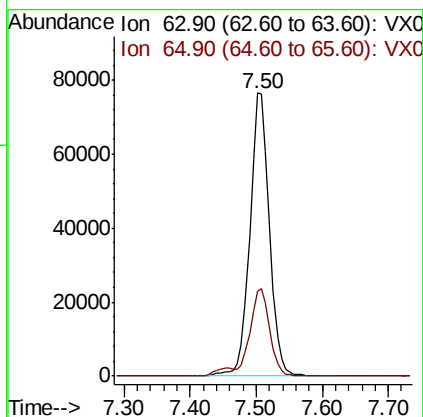
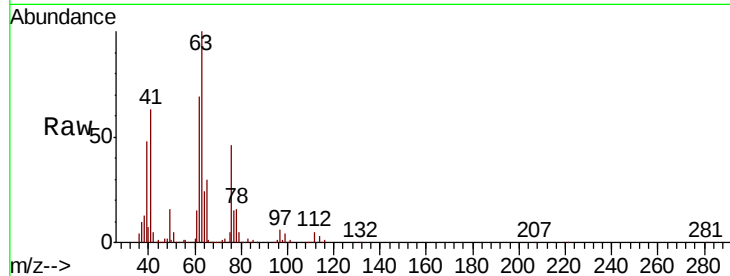




#45
 1,2-Dichloropropane
 Concen: 54.069 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

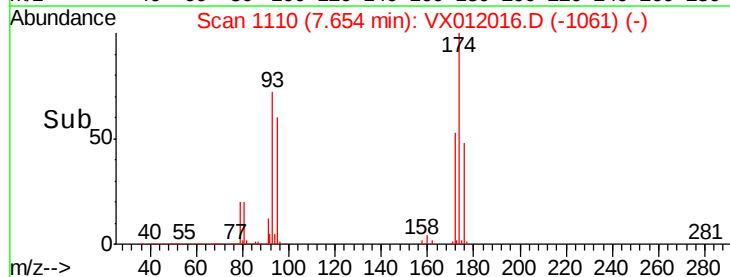
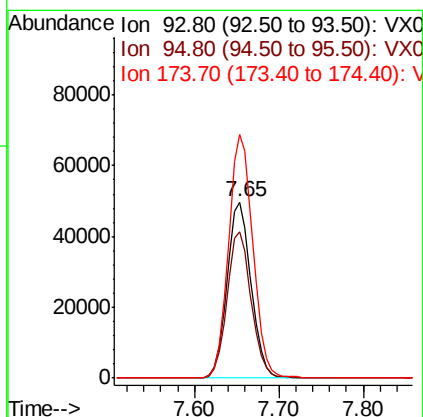
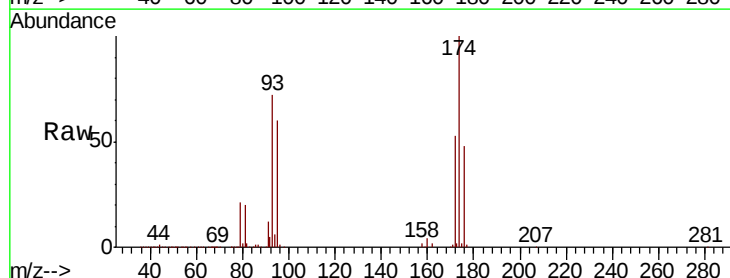
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

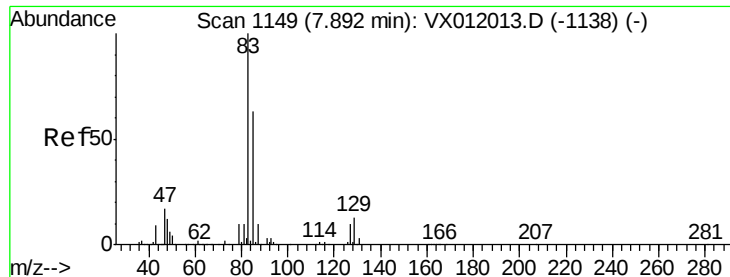
Tgt Ion: 63 Resp: 158561
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 55.128 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 93 Resp: 96905
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 139.3 110.2 165.4





#47

Bromodichloromethane

Concen: 54.044 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

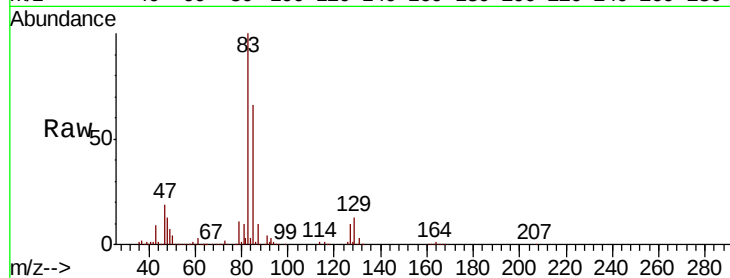
Tgt Ion: 83 Resp: 239817

Ion Ratio Lower Upper

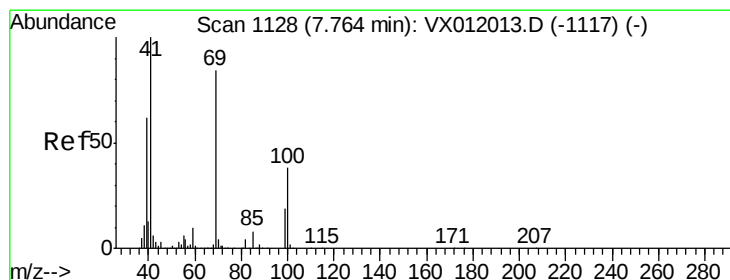
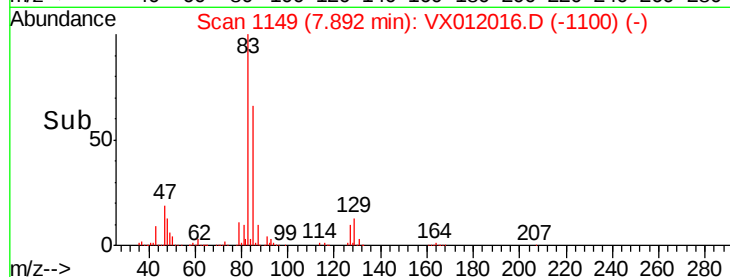
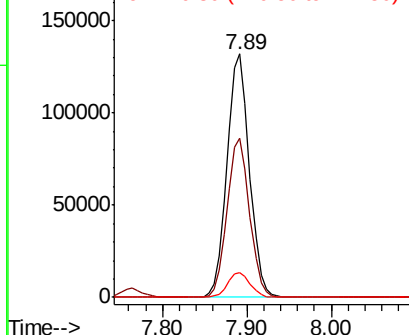
83 100

85 65.6 50.3 75.5

127 10.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.923 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

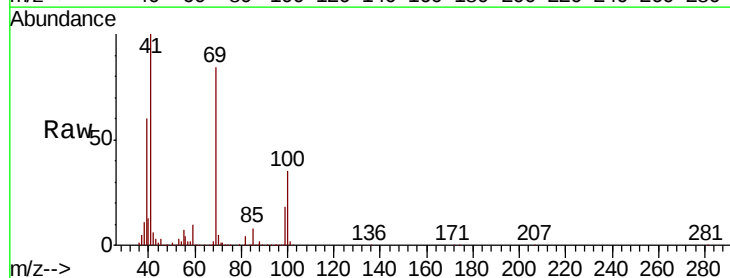
Tgt Ion: 41 Resp: 115137

Ion Ratio Lower Upper

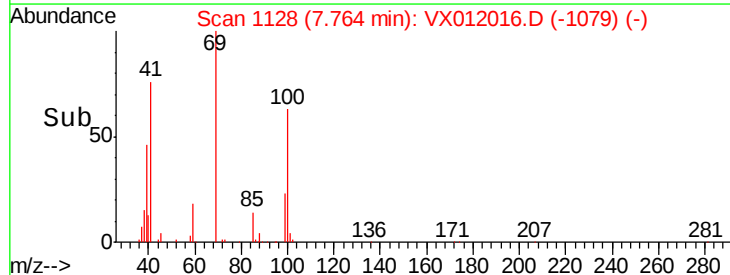
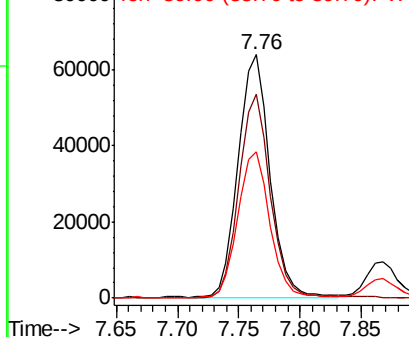
41 100

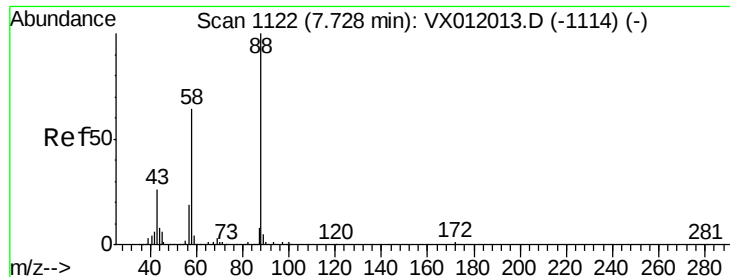
69 82.9 66.3 99.5

39 61.0 48.1 72.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

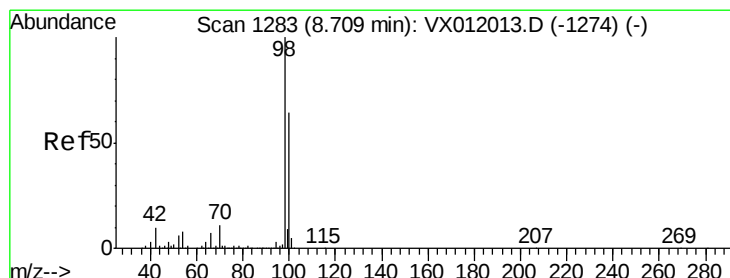
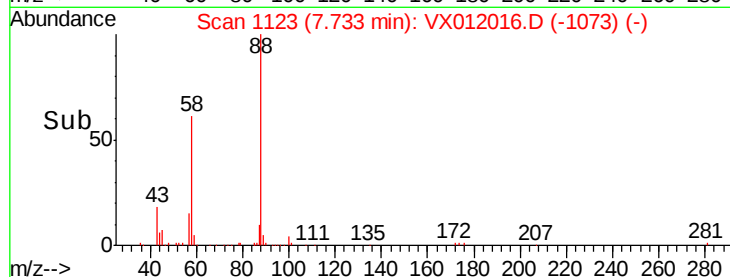
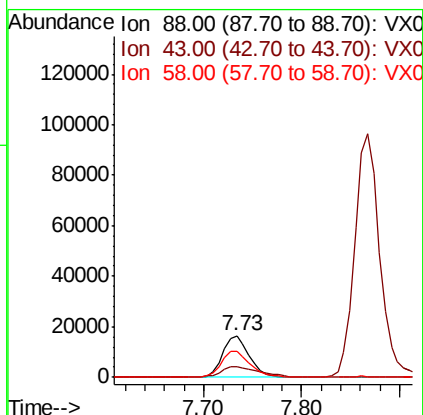
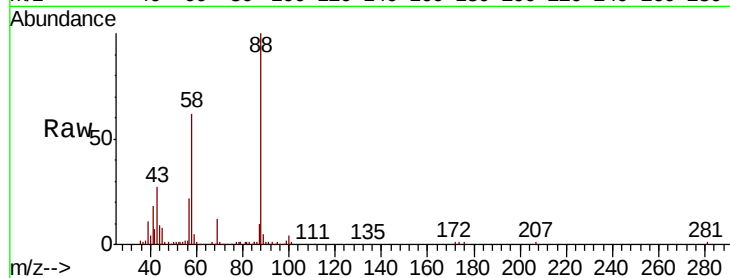




#49
 1,4-Dioxane
 Concen: 1098.424 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

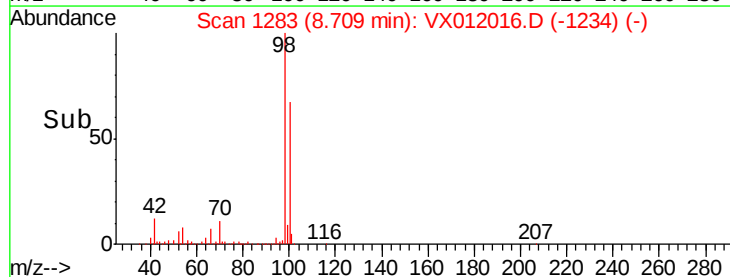
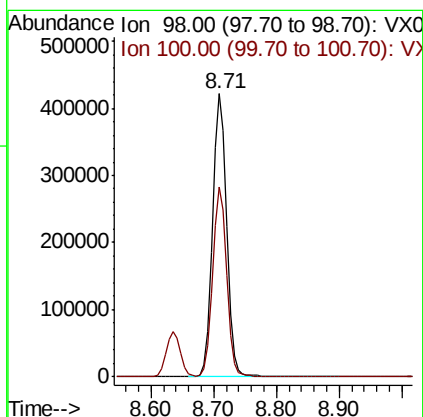
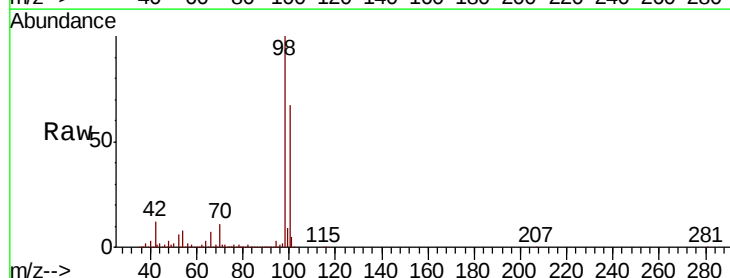
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

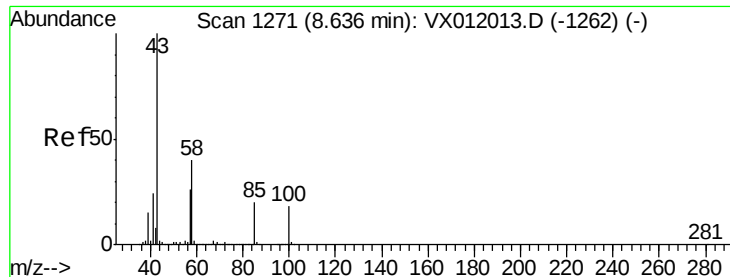
Tgt Ion: 88 Resp: 31727
 Ion Ratio Lower Upper
 88 100
 43 35.3 29.8 44.6
 58 66.8 55.4 83.2



#50
 Toluene-d8
 Concen: 53.798 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 98 Resp: 655226
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.3 79.9

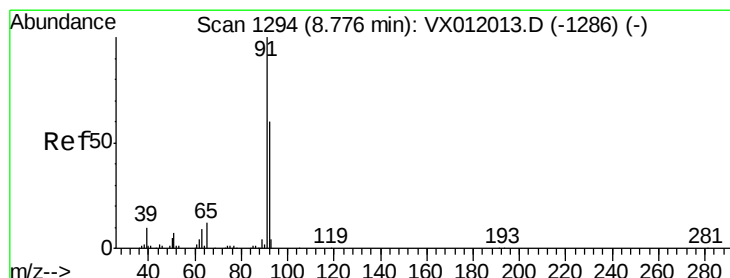
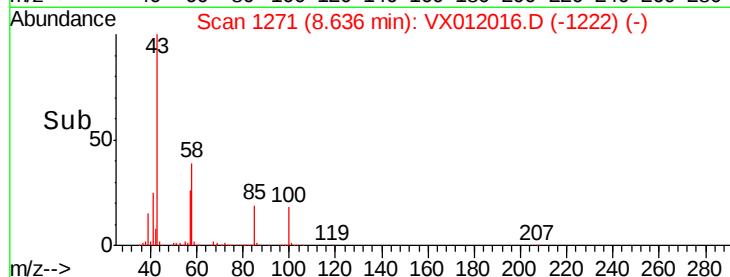
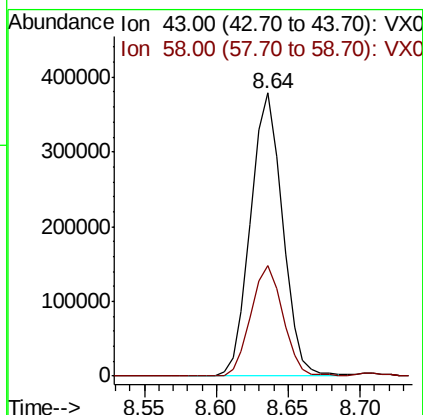
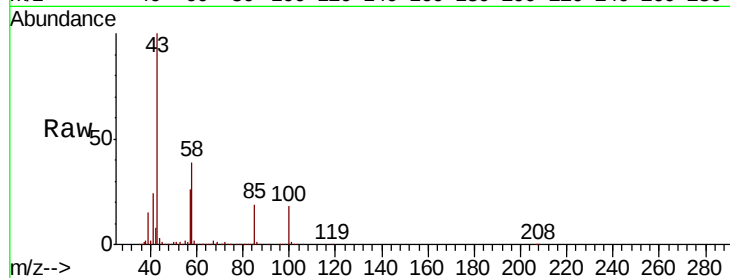




#51
 4-Methyl-2-Pentanone
 Concen: 276.272 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

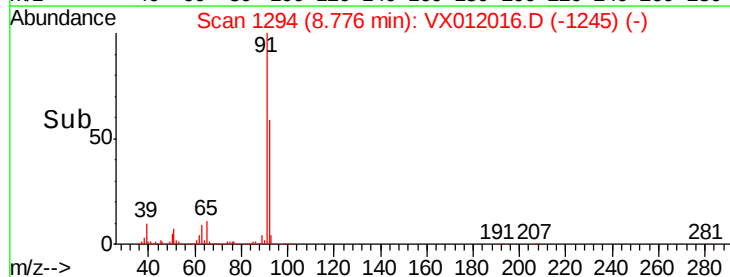
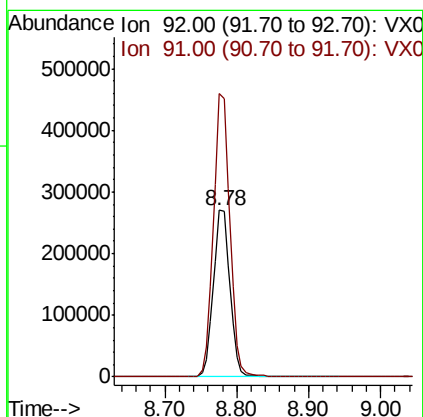
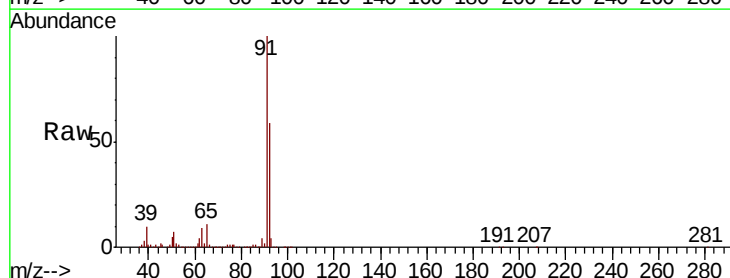
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

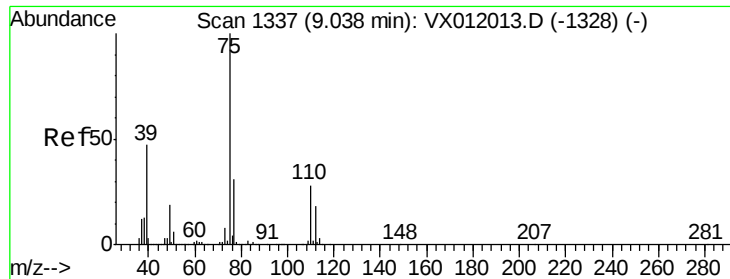
Tgt Ion: 43 Resp: 579728
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.5 47.3



#52
 Toluene
 Concen: 54.562 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 92 Resp: 430834
 Ion Ratio Lower Upper
 92 100
 91 168.2 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 54.985 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

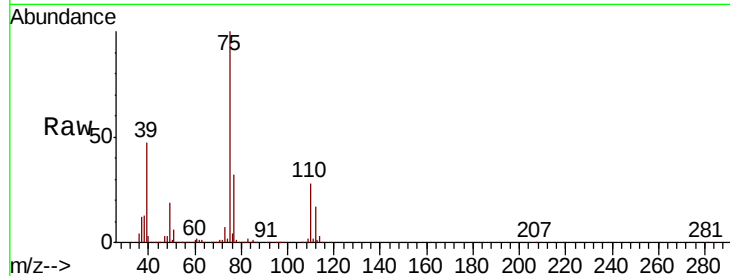
ICVVX090219

Tgt Ion: 75 Resp: 246988

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

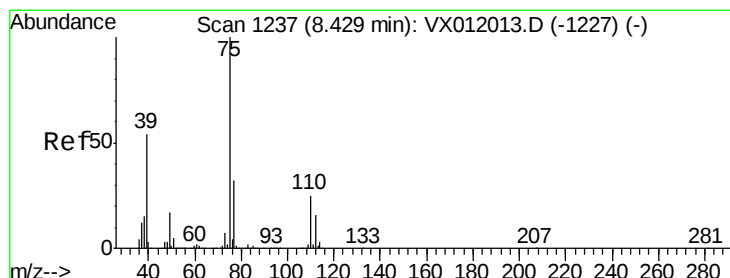
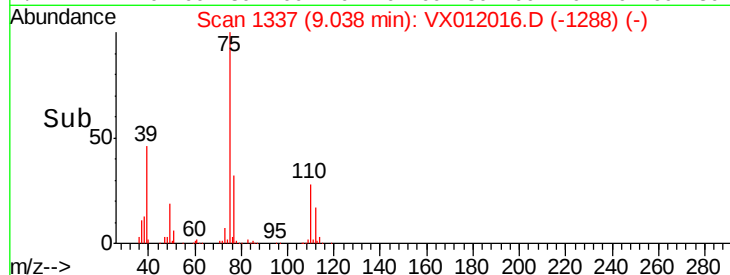
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.112 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

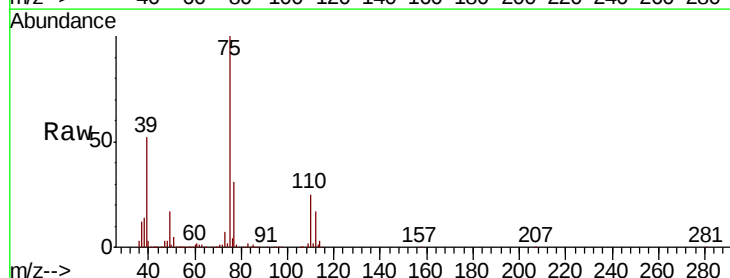
Tgt Ion: 75 Resp: 278646

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 52.0 43.0 64.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

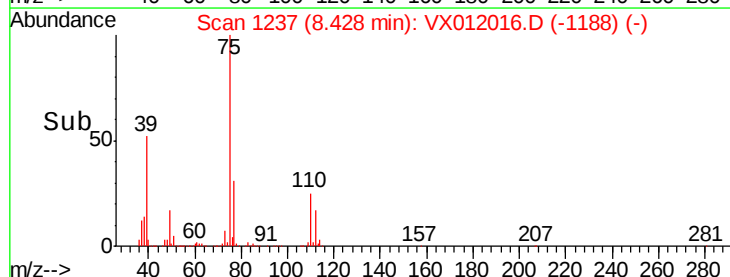
150000

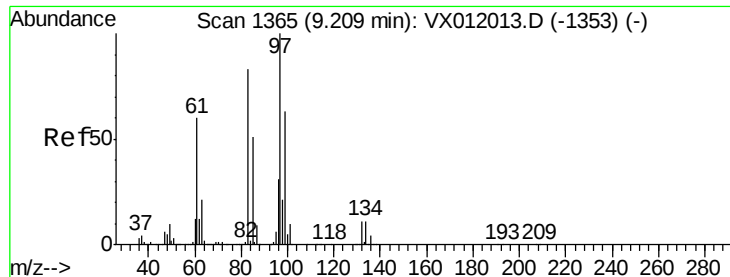
100000

50000

0

Time-->

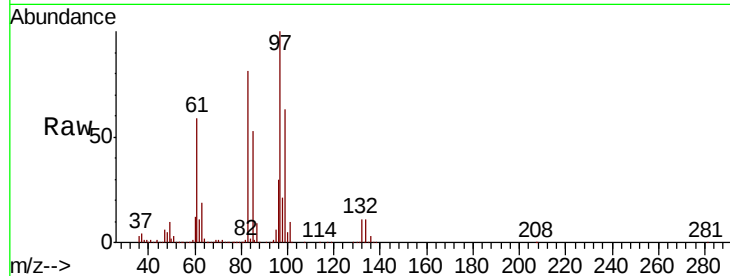




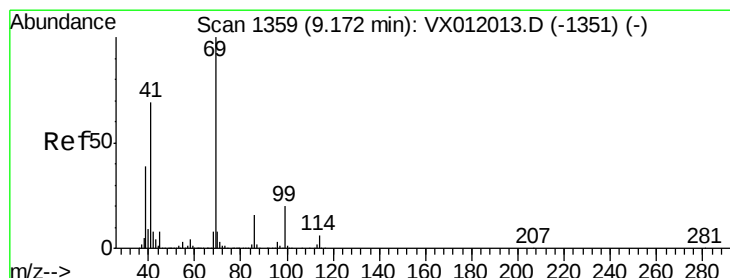
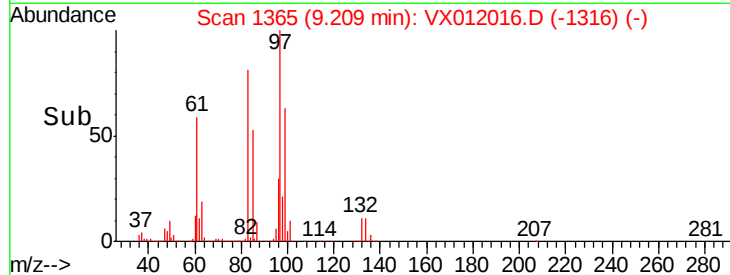
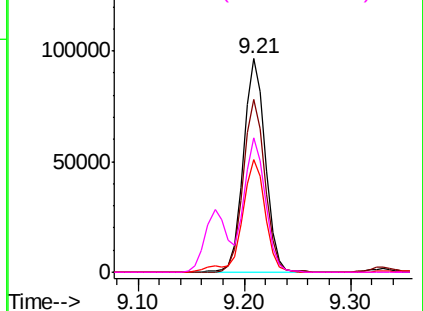
#55
 1,1,2-Trichloroethane
 Concen: 54.654 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

Tgt Ion:	97	Resp:	140251
Ion	Ratio	Lower	Upper
97	100		
83	80.8	66.0	99.0
85	52.6	41.0	61.6
99	63.0	50.6	75.8

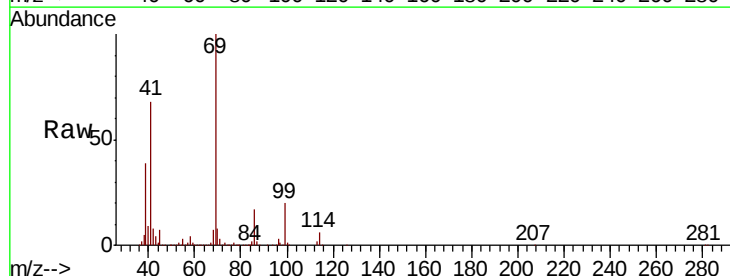


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

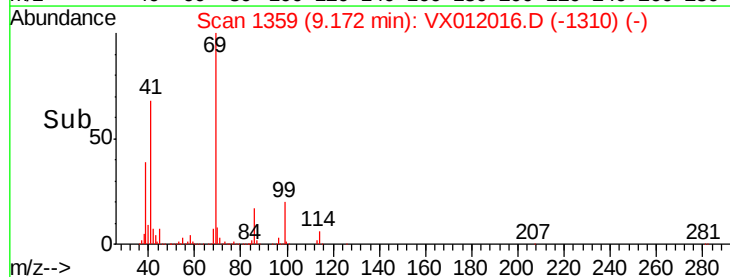
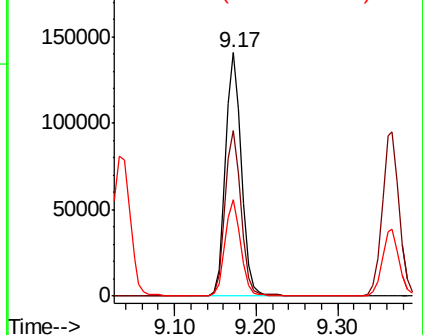


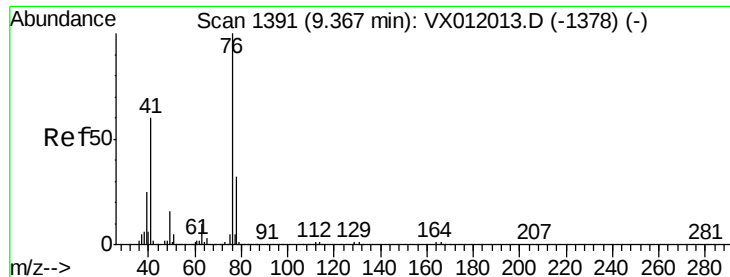
#56
 Ethyl methacrylate
 Concen: 55.557 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion:	69	Resp:	189333
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.9	80.9
39	39.0	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.746 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

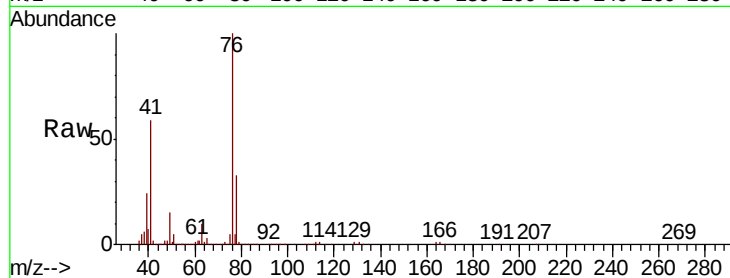
ICVVX090219

Tgt Ion: 76 Resp: 230724

Ion Ratio Lower Upper

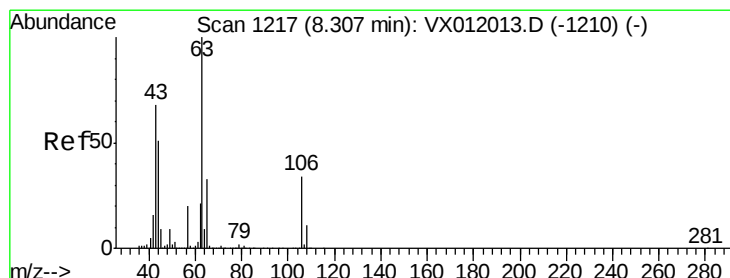
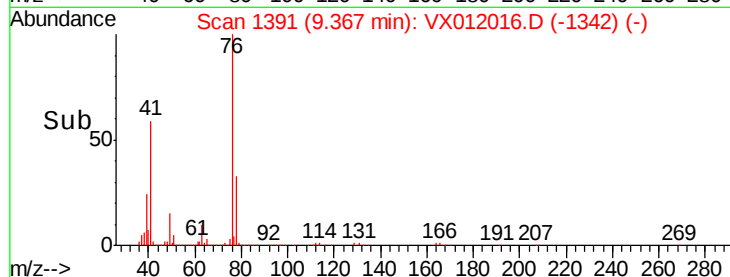
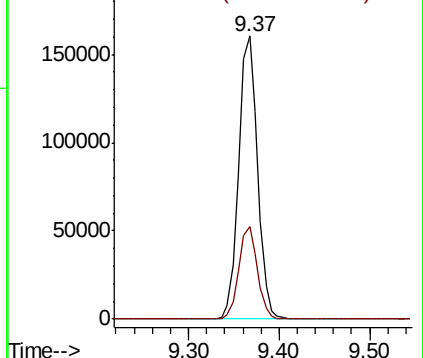
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 275.835 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012016.D

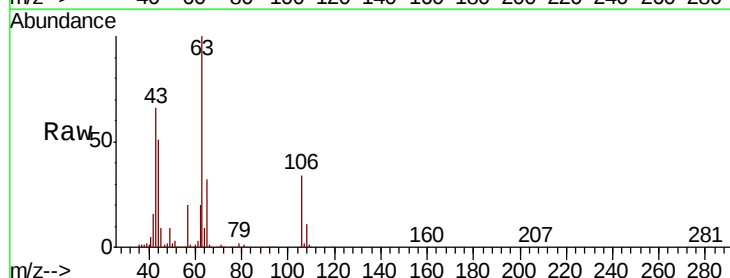
Acq: 02 Sep 2019 15:10

Tgt Ion: 63 Resp: 427173

Ion Ratio Lower Upper

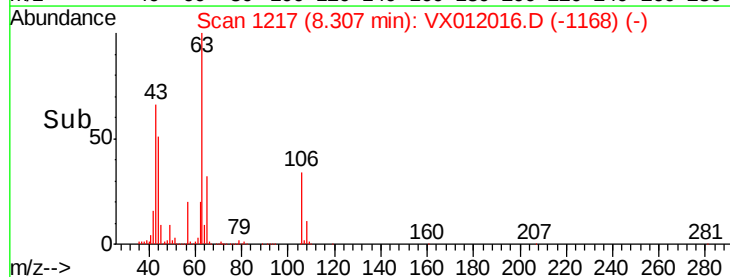
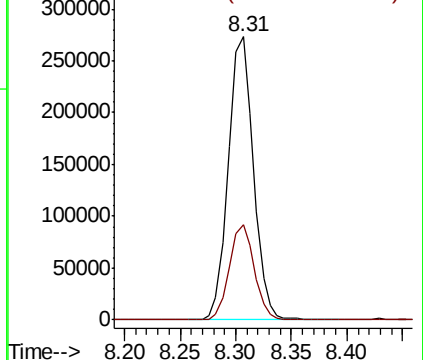
63 100

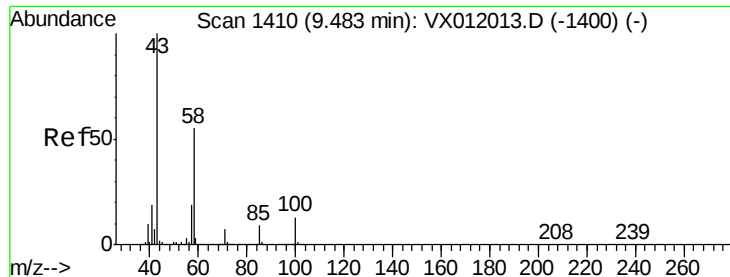
106 33.5 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

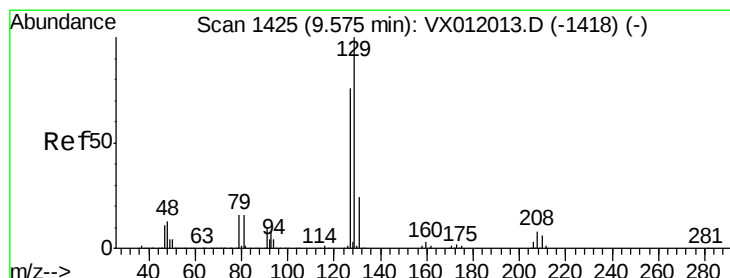
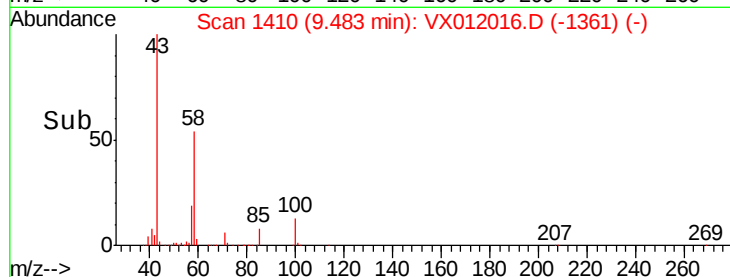
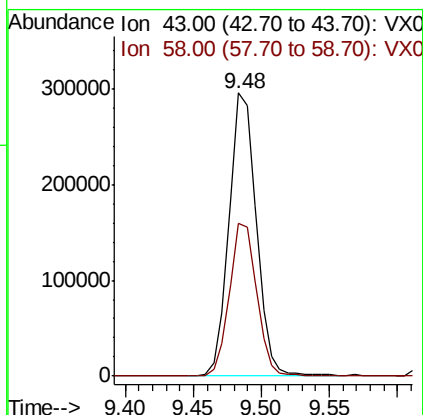
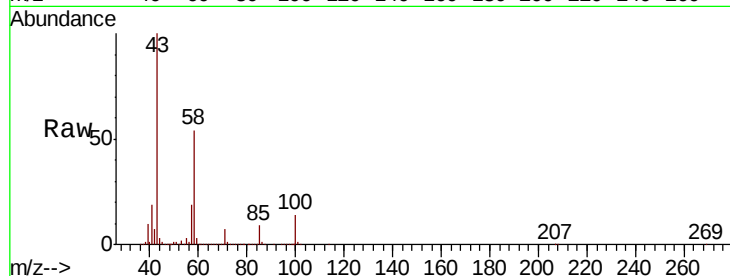




#59
2-Hexanone
Concen: 276.184 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

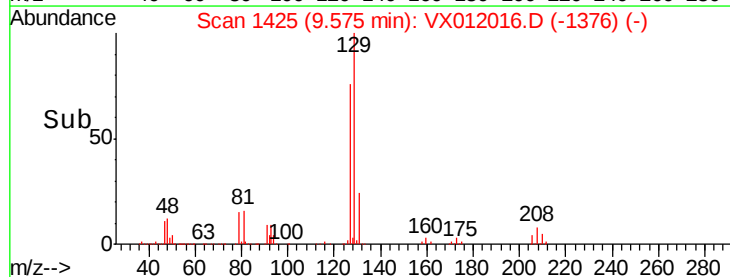
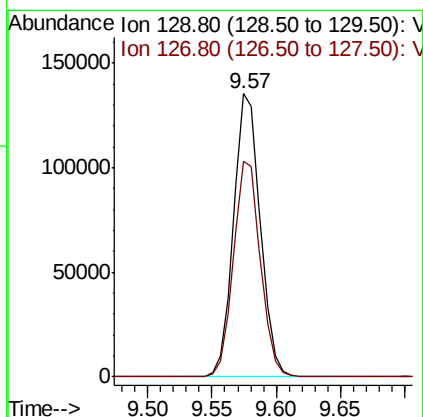
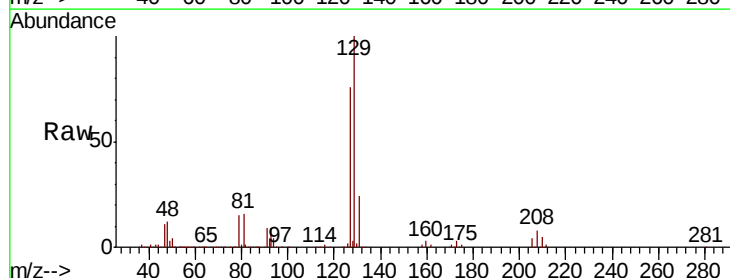
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

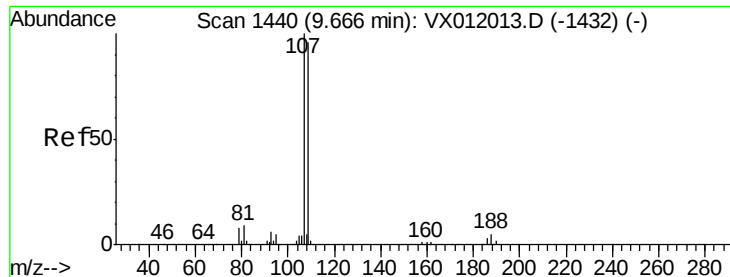
Tgt Ion: 43 Resp: 412566
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6



#60
Dibromochloromethane
Concen: 54.932 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 129 Resp: 195959
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

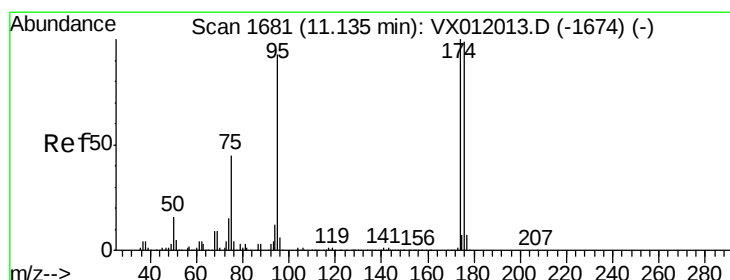
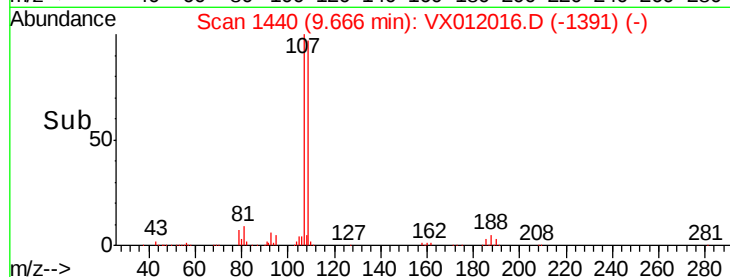
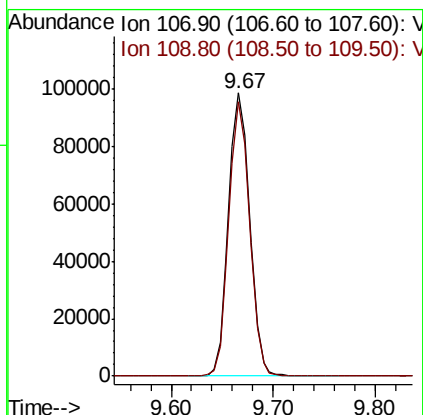
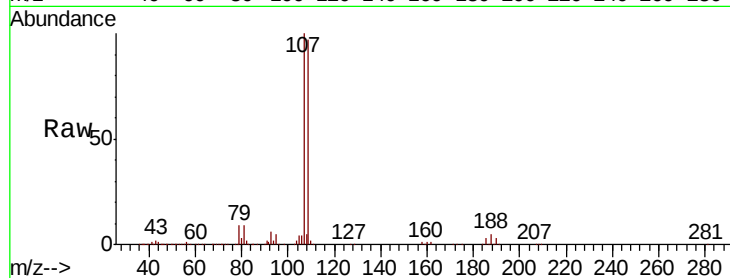




#61
 1,2-Dibromoethane
 Concen: 55.675 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

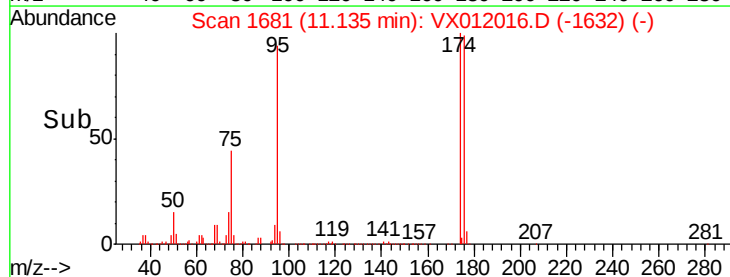
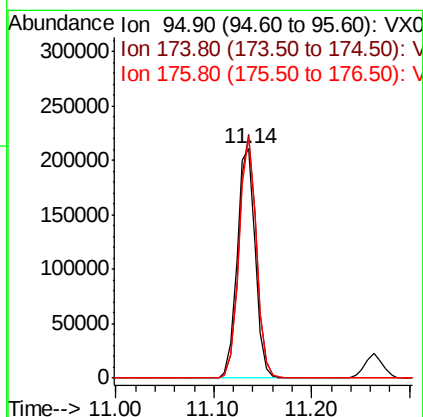
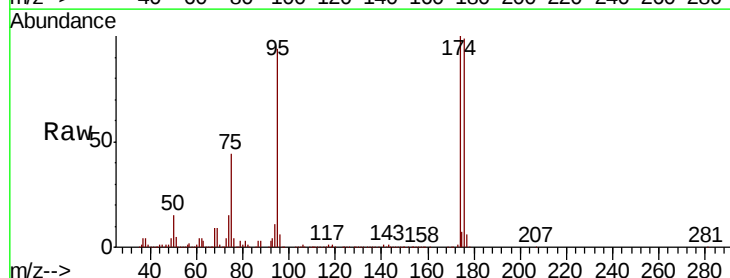
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

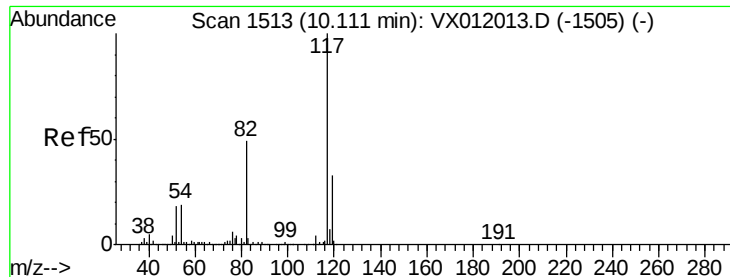
Tgt Ion: 107 Resp: 142305
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 50.990 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion: 95 Resp: 268558
 Ion Ratio Lower Upper
 95 100
 174 102.6 0.0 205.4
 176 100.9 0.0 201.8

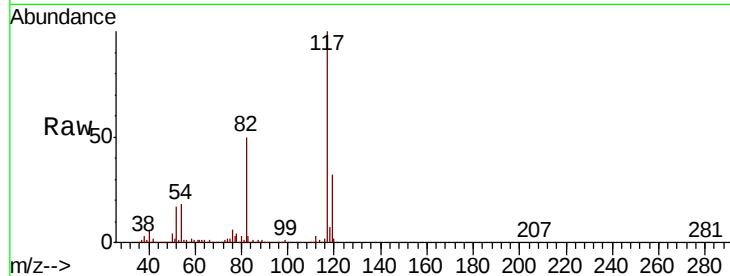




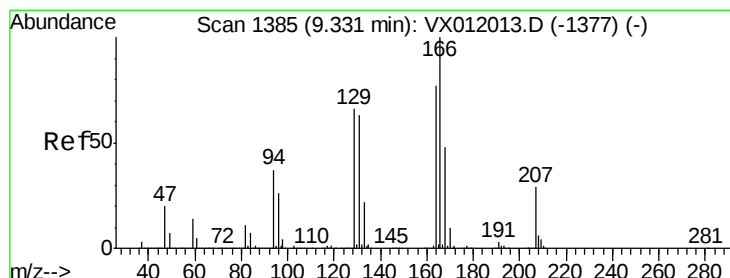
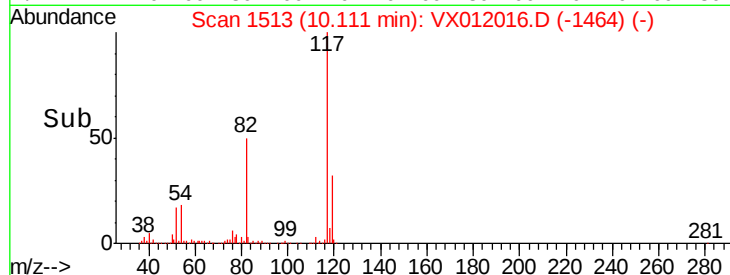
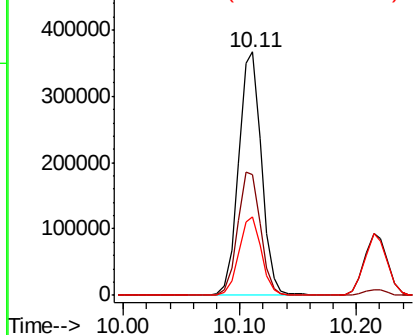
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

Tgt Ion:117 Resp: 501284
Ion Ratio Lower Upper
117 100
82 49.5 39.4 59.0
119 32.4 26.1 39.1

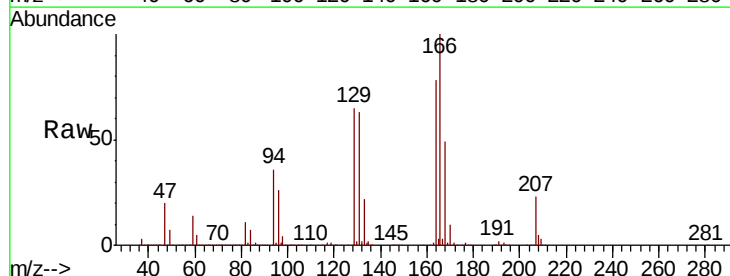


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

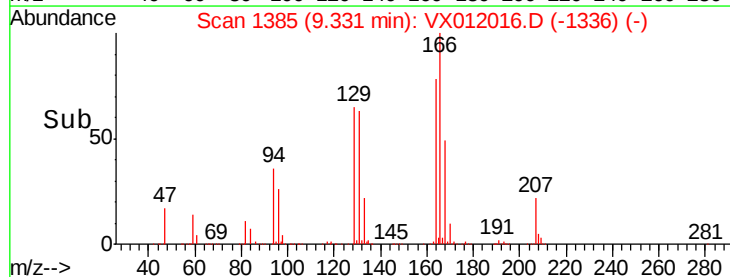
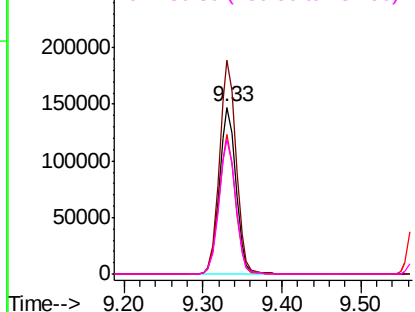


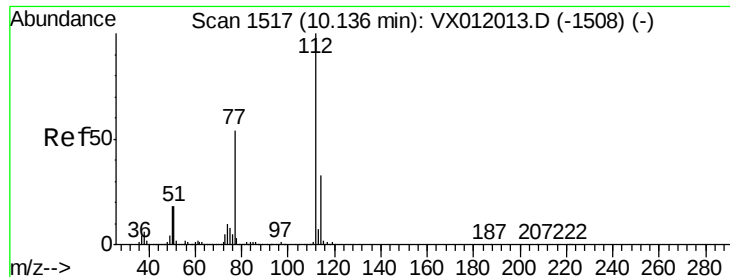
#64
Tetrachloroethene
Concen: 52.486 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion:164 Resp: 216534
Ion Ratio Lower Upper
164 100
166 128.2 104.3 156.5
129 83.7 68.3 102.5
131 80.5 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.280 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

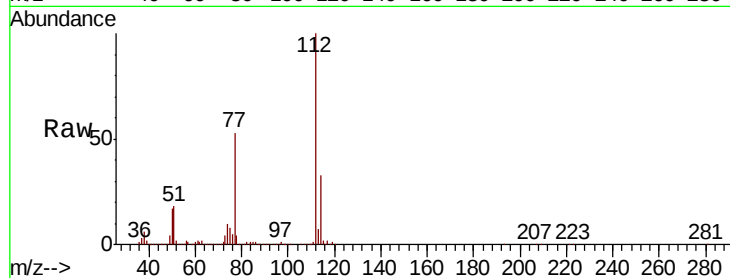
ICVVX090219

Tgt Ion:112 Resp: 504176

Ion Ratio Lower Upper

112 100

114 33.0 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

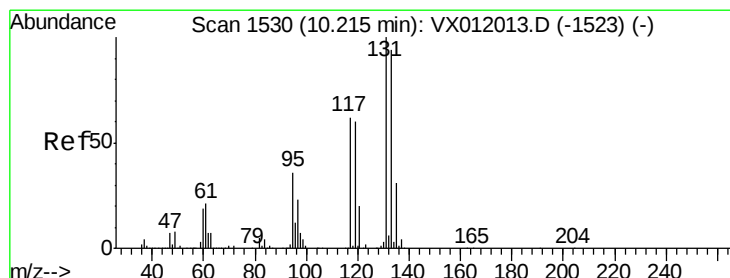
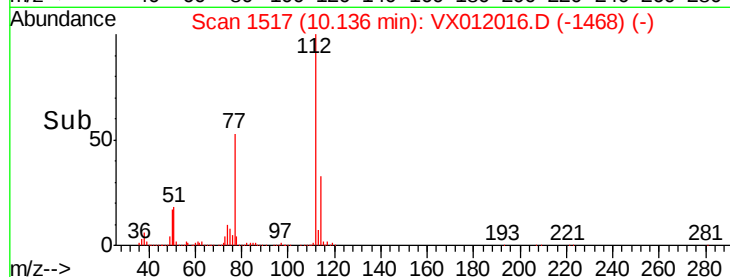
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 53.893 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

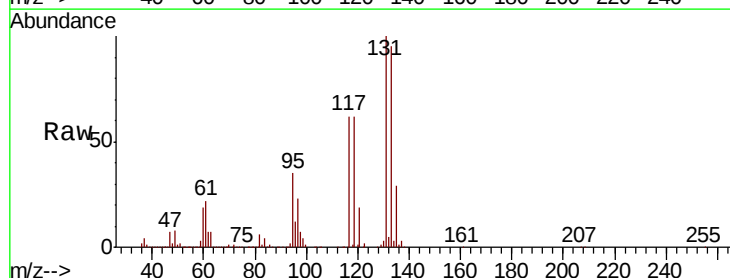
Tgt Ion:131 Resp: 204653

Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.0

119 61.1 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

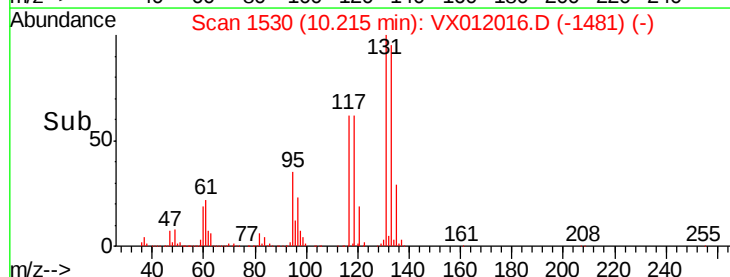
150000

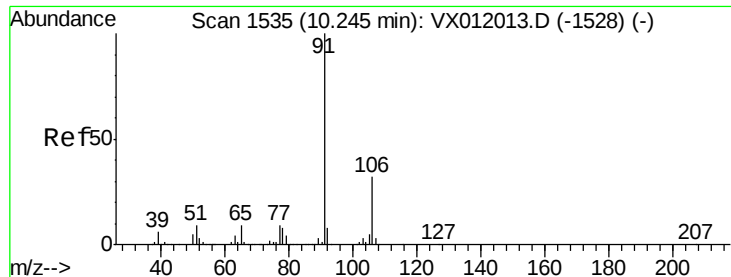
100000

50000

0

Time--> 10.10 10.20 10.30

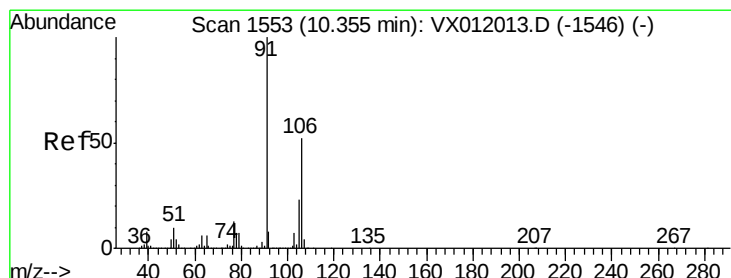
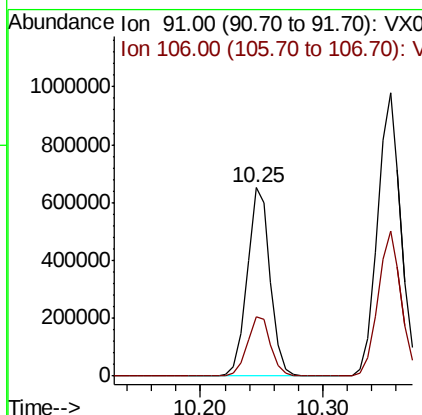
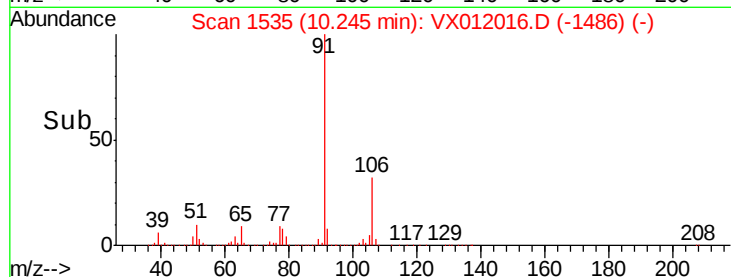
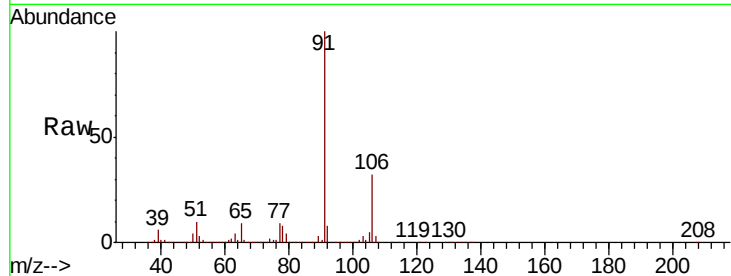




#67
Ethyl Benzene
Concen: 52.802 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

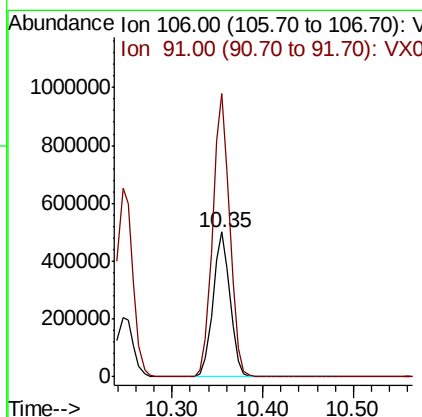
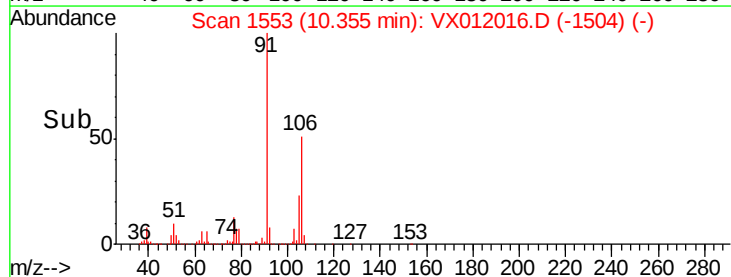
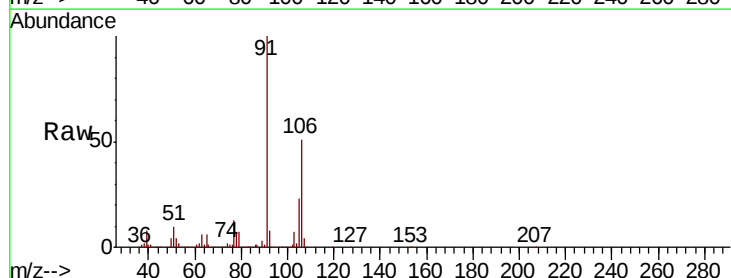
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

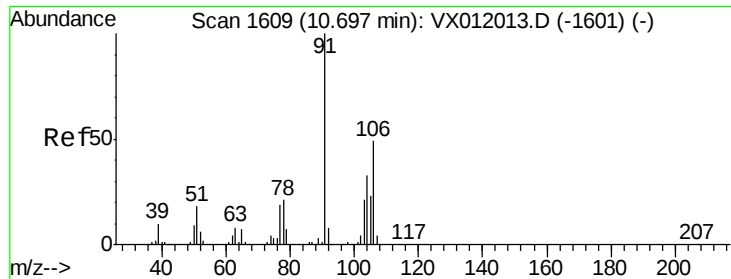
Tgt Ion: 91 Resp: 844134
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 105.586 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion: 106 Resp: 662821
Ion Ratio Lower Upper
106 100
91 195.9 157.5 236.3

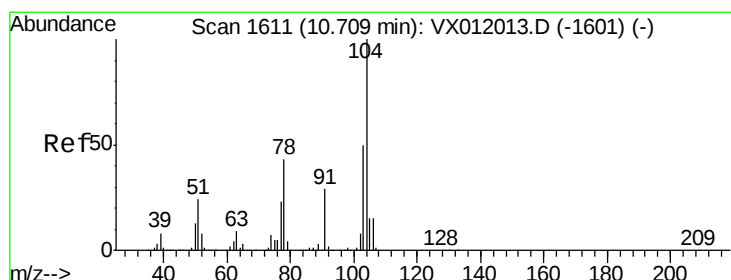
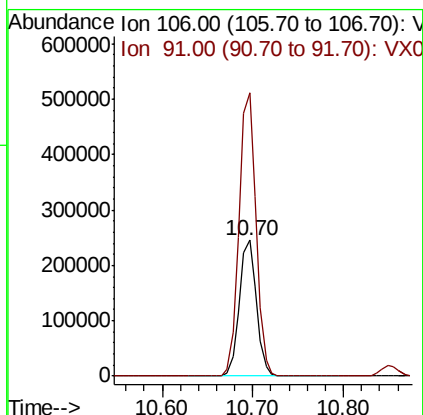
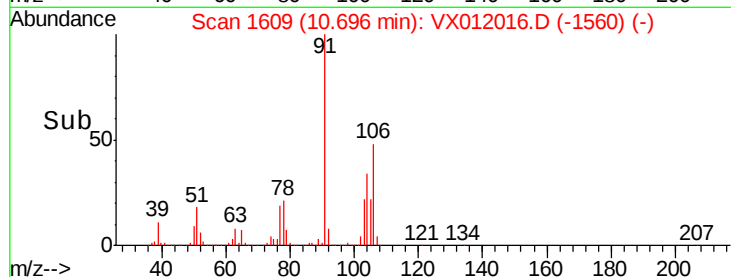
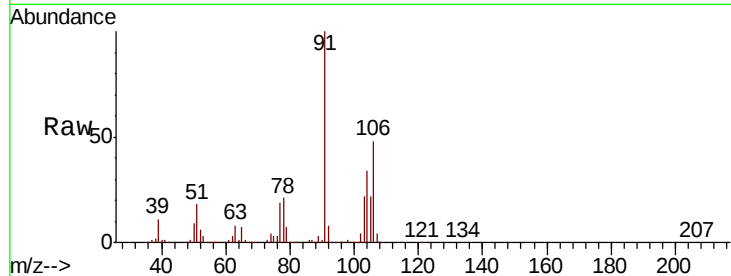




#69
o-Xylene
Concen: 52.657 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

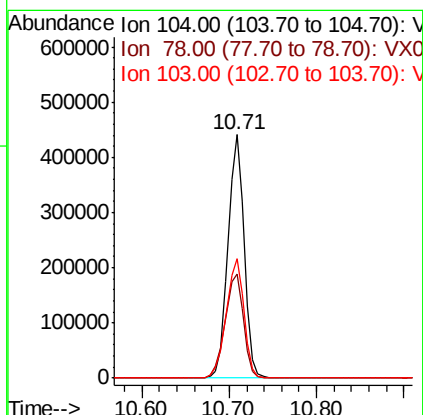
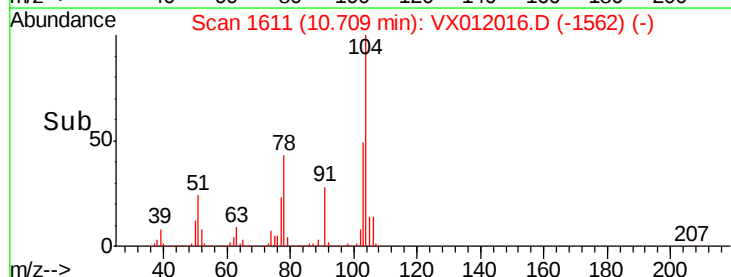
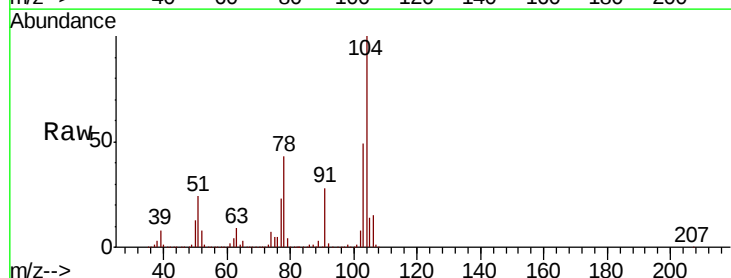
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

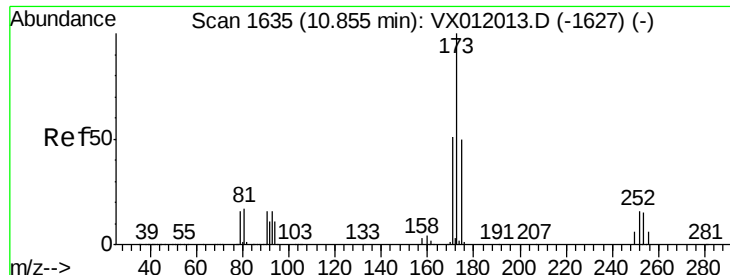
Tgt Ion:106 Resp: 320655
Ion Ratio Lower Upper
106 100
91 207.2 103.5 310.3



#70
Styrene
Concen: 54.057 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion:104 Resp: 564792
Ion Ratio Lower Upper
104 100
78 48.4 39.1 58.7
103 53.6 43.4 65.2

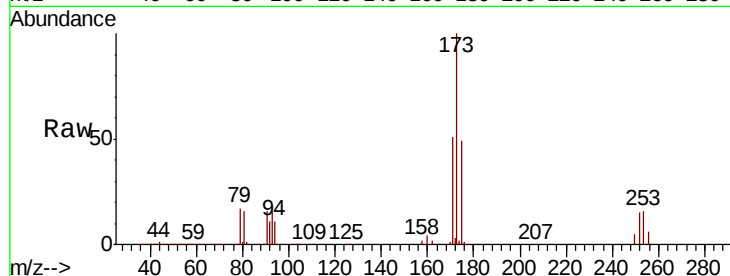




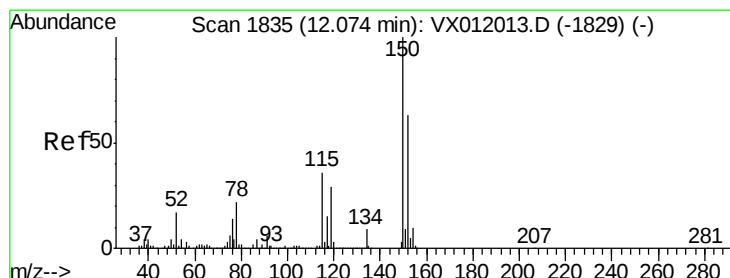
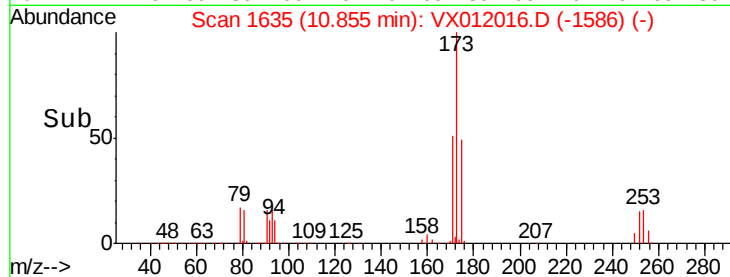
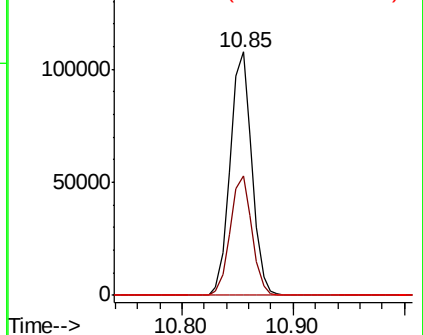
#71
Bromoform
Concen: 54.901 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

Tgt Ion:173 Resp: 144654
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.7
254 0.0 0.1 0.1#

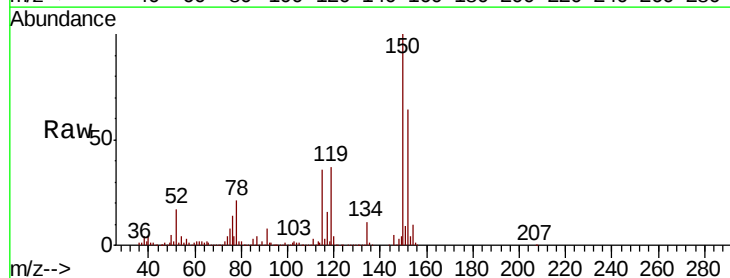


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

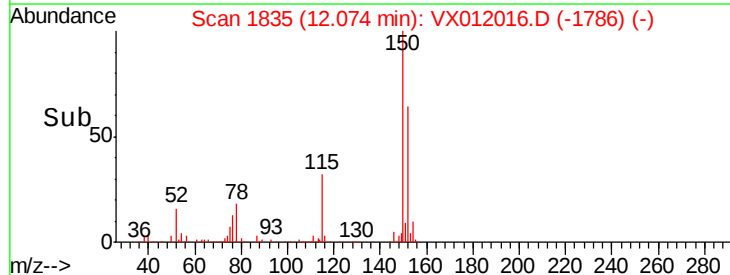
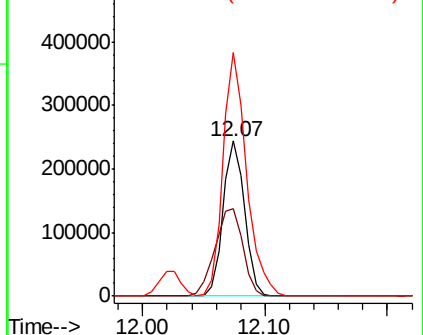


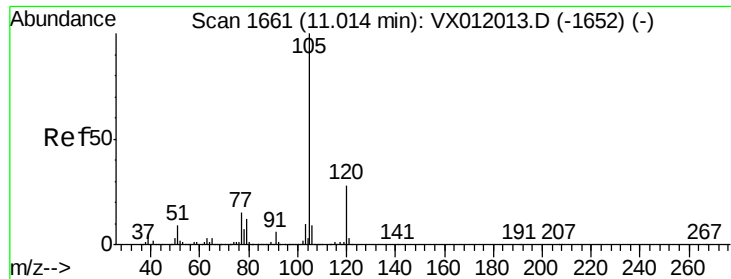
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion:152 Resp: 296247
Ion Ratio Lower Upper
152 100
115 74.1 36.4 109.3
150 172.6 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.688 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

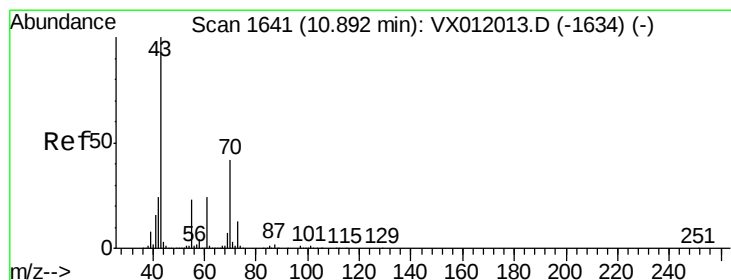
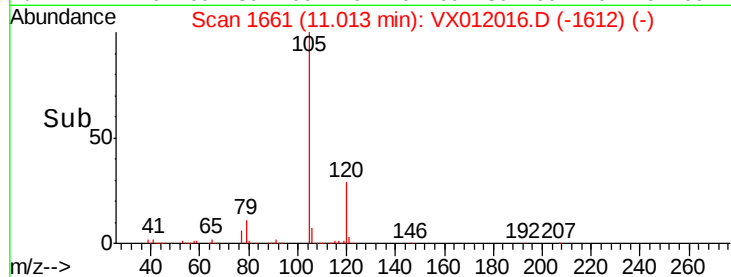
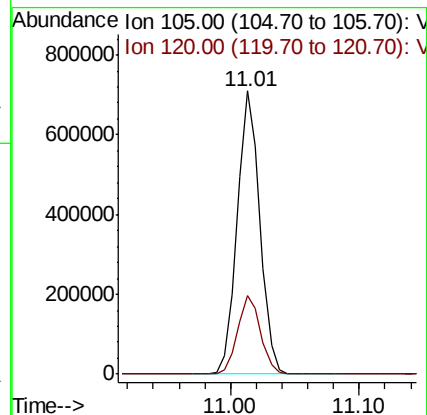
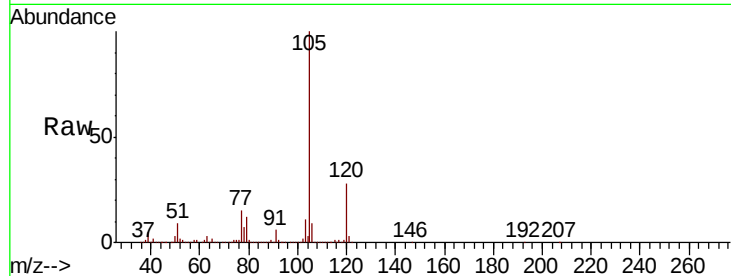
ICVVX090219

Tgt Ion: 105 Resp: 871020

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.6



#74

N-ethyl acetate

Concen: 54.592 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Tgt Ion: 43 Resp: 225043

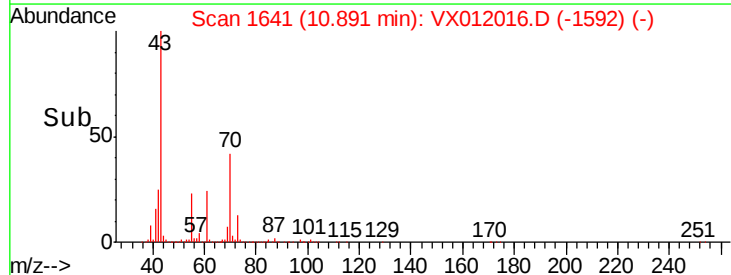
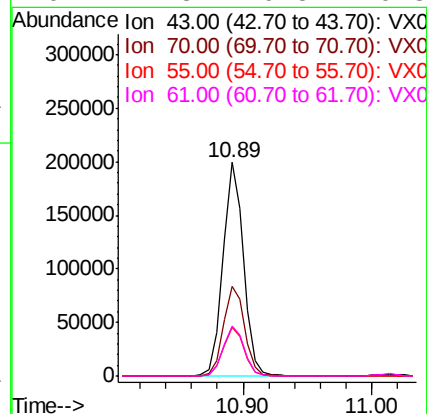
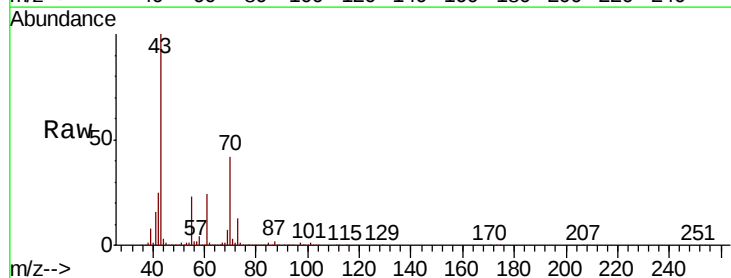
Ion Ratio Lower Upper

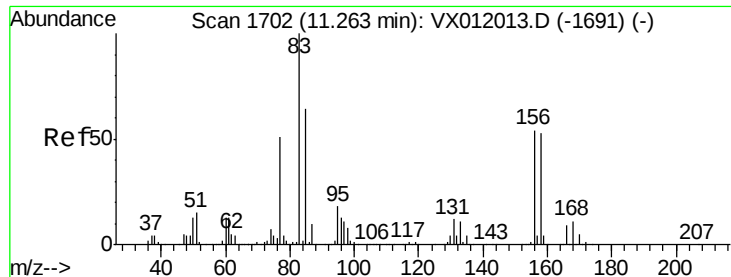
43 100

70 43.4 34.4 51.6

55 23.2 18.5 27.7

61 24.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.608 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

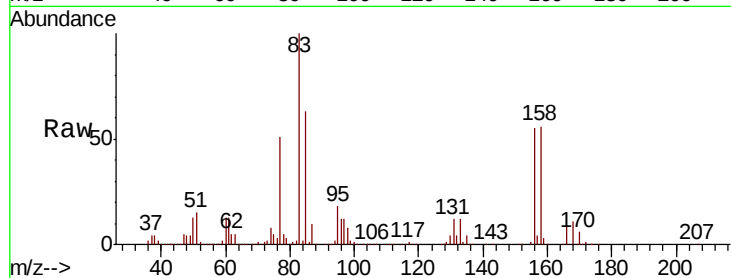
Tgt Ion: 83 Resp: 162247

Ion Ratio Lower Upper

83 100

131 12.6 6.3 19.1

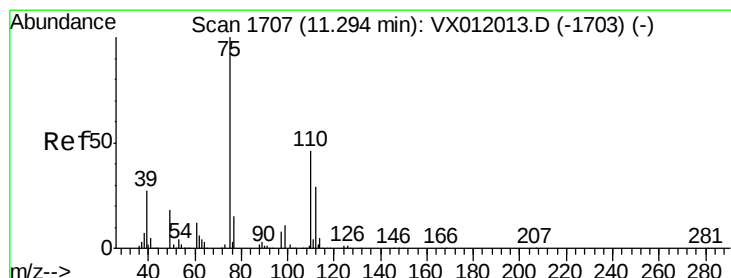
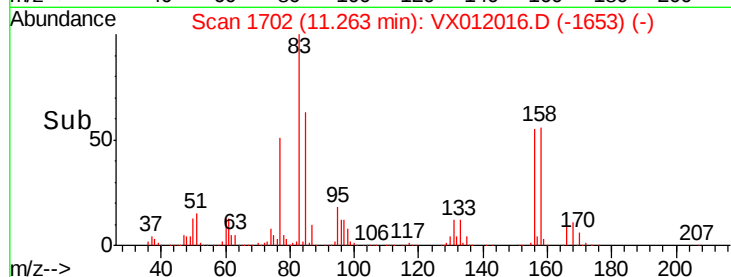
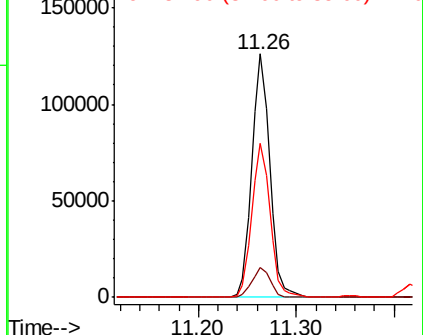
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 74.642 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012016.D

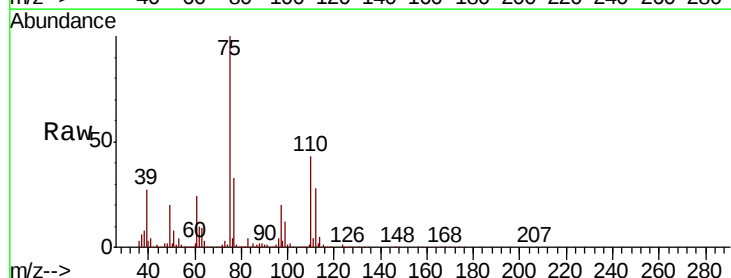
Acq: 02 Sep 2019 15:10

Tgt Ion: 75 Resp: 175037

Ion Ratio Lower Upper

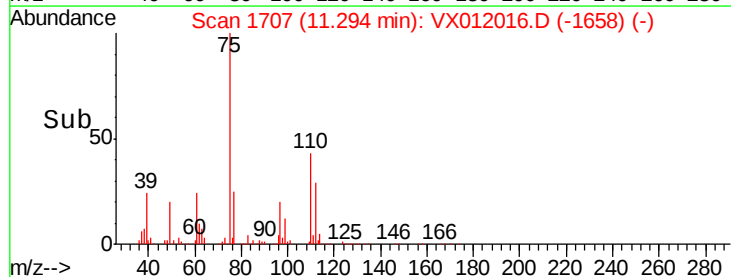
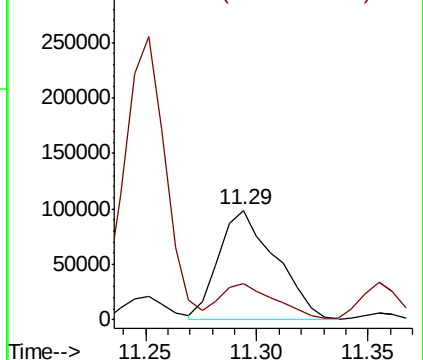
75 100

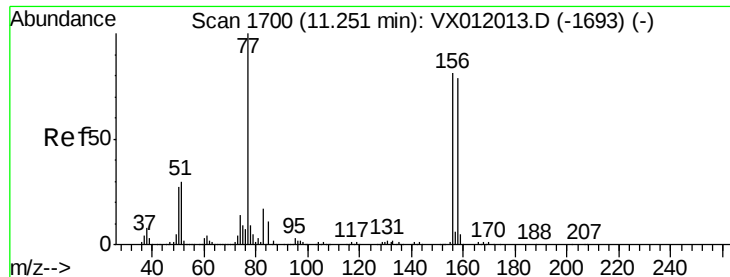
77 32.0 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.970 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

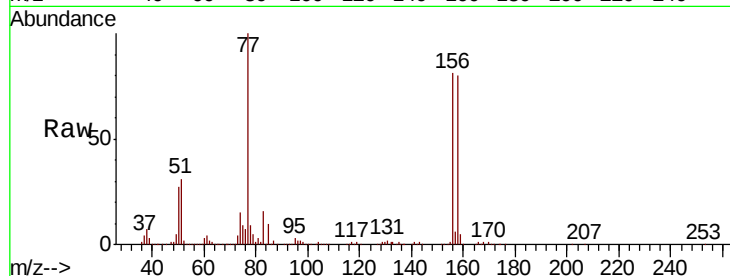
Tgt Ion:156 Resp: 260872

Ion Ratio Lower Upper

156 100

77 125.1 63.4 190.2

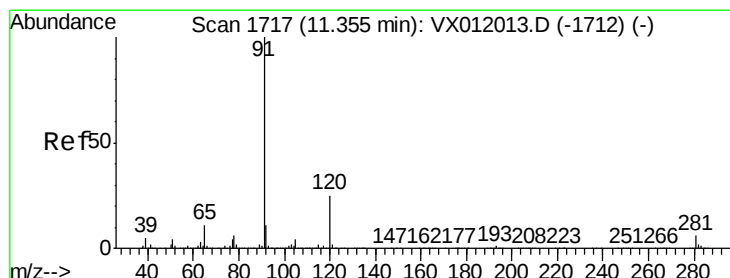
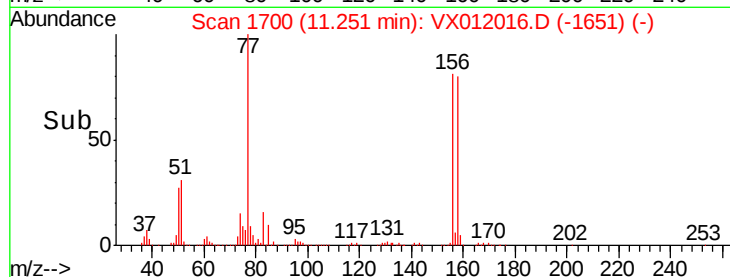
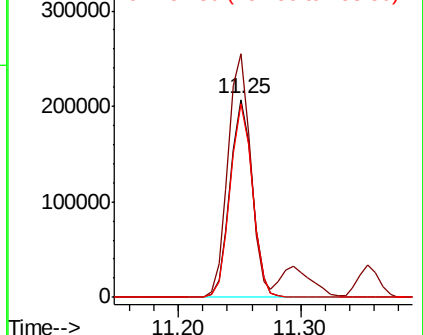
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.756 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012016.D

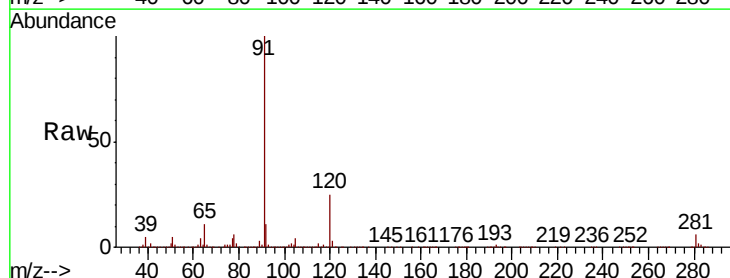
Acq: 02 Sep 2019 15:10

Tgt Ion: 91 Resp: 981443

Ion Ratio Lower Upper

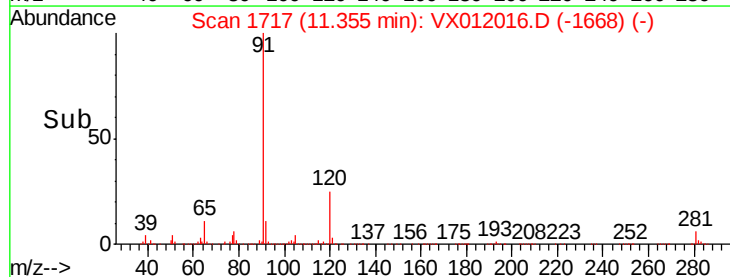
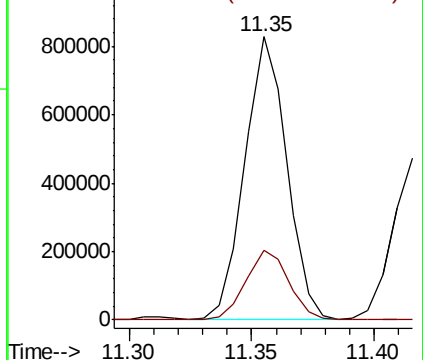
91 100

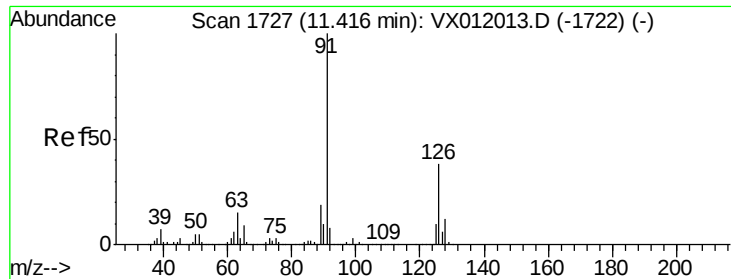
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.873 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

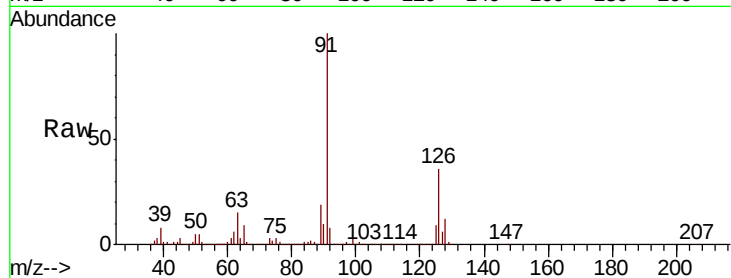
ICVX090219

Tgt Ion: 91 Resp: 582323

Ion Ratio Lower Upper

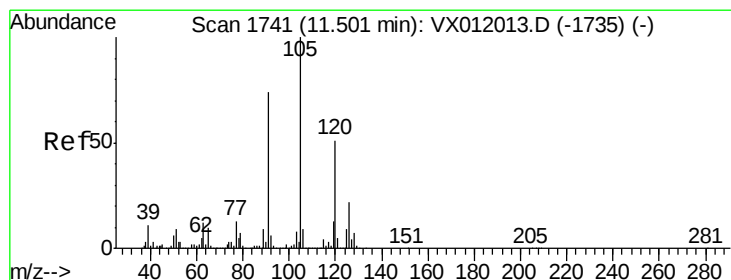
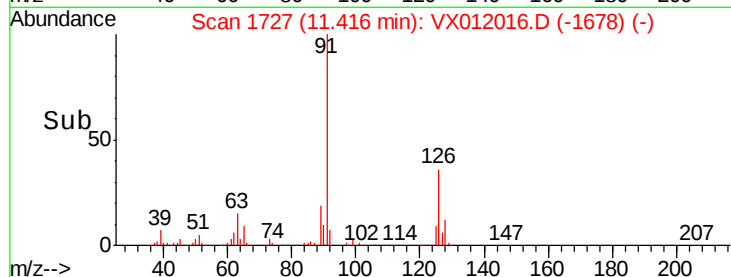
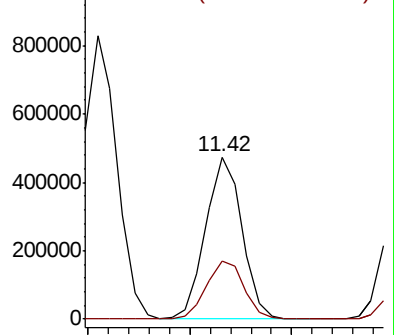
91 100

126 37.2 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.094 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012016.D

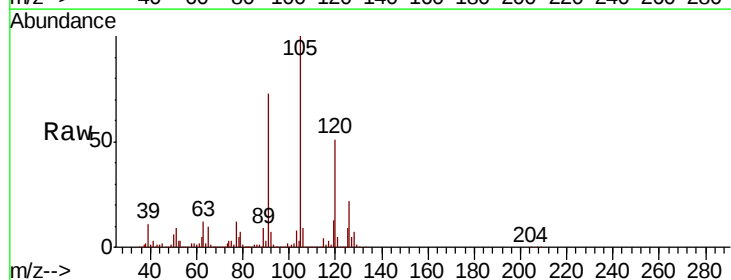
Acq: 02 Sep 2019 15:10

Tgt Ion: 105 Resp: 757162

Ion Ratio Lower Upper

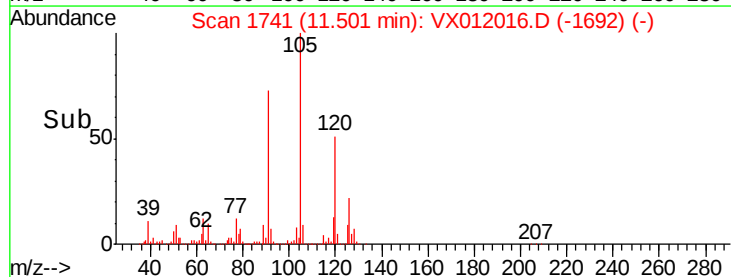
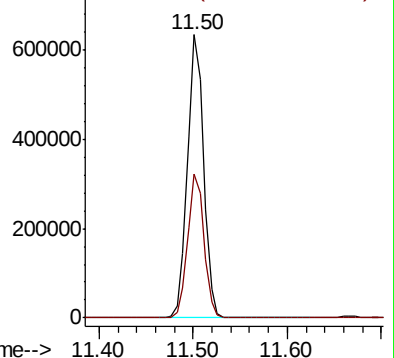
105 100

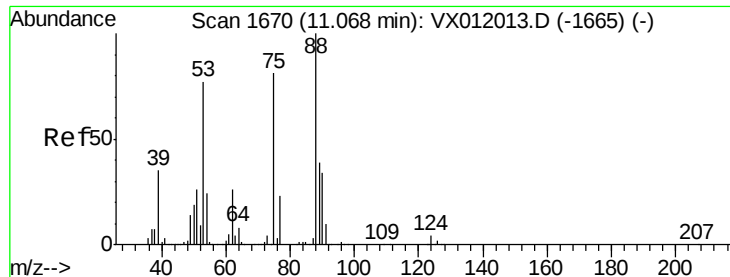
120 51.0 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.911 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

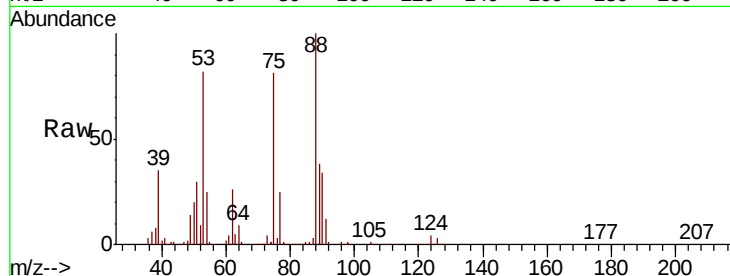
Tgt Ion: 75 Resp: 51603

Ion Ratio Lower Upper

75 100

53 98.8 78.6 117.8

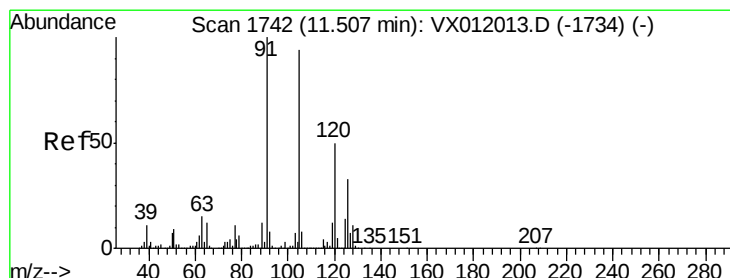
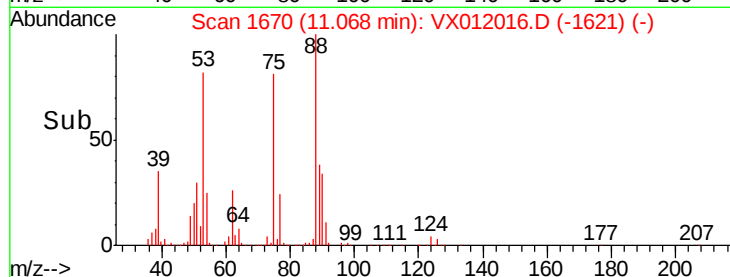
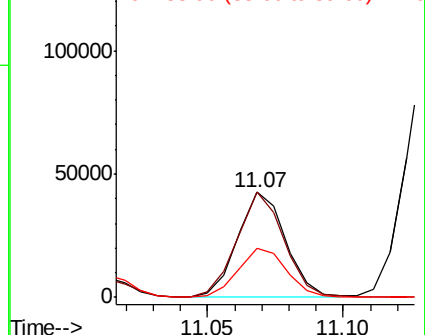
89 48.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.159 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012016.D

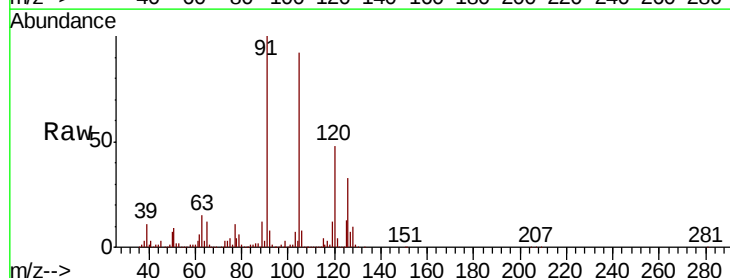
Acq: 02 Sep 2019 15:10

Tgt Ion: 91 Resp: 702522

Ion Ratio Lower Upper

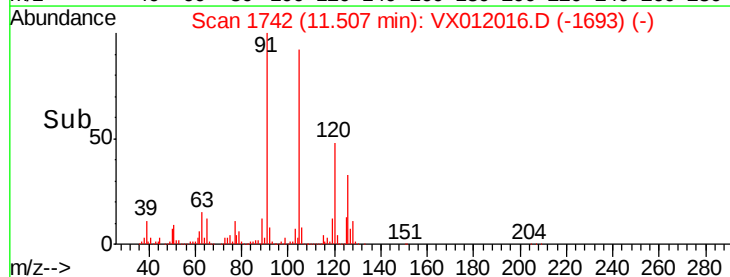
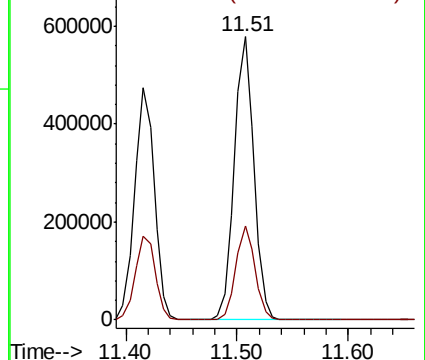
91 100

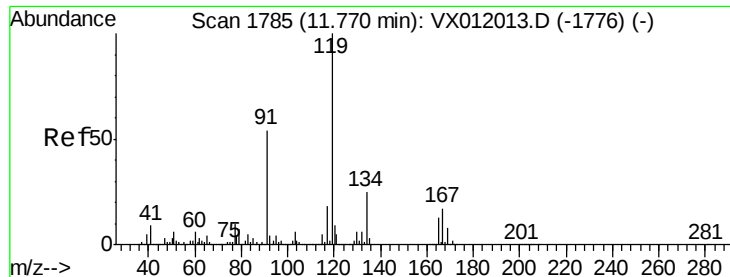
126 32.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

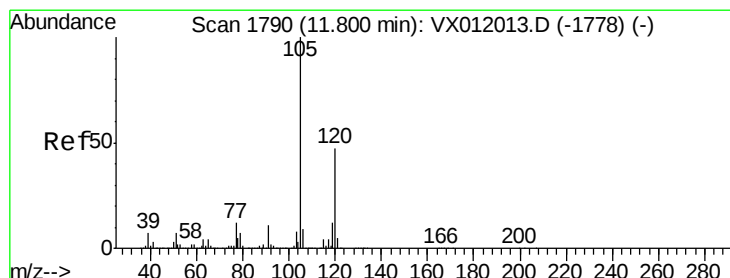
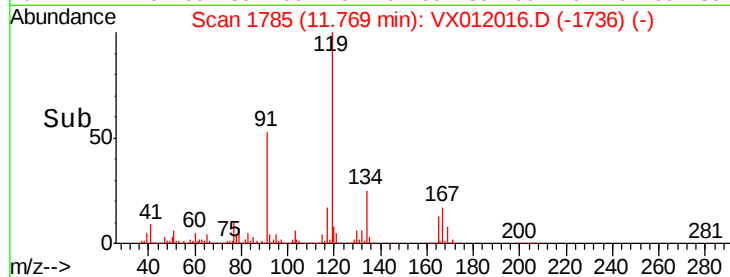
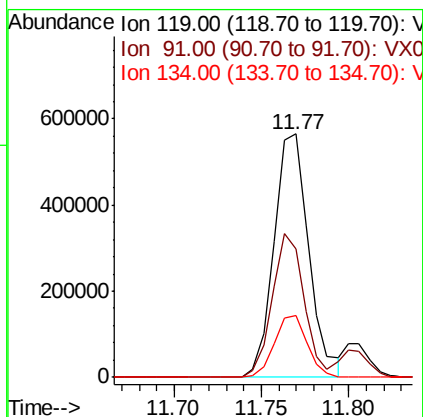
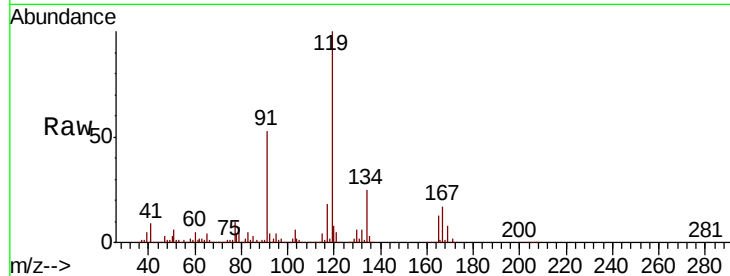




#83
 tert-Butylbenzene
 Concen: 53.261 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

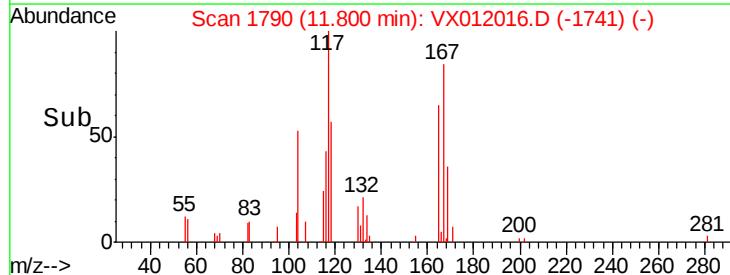
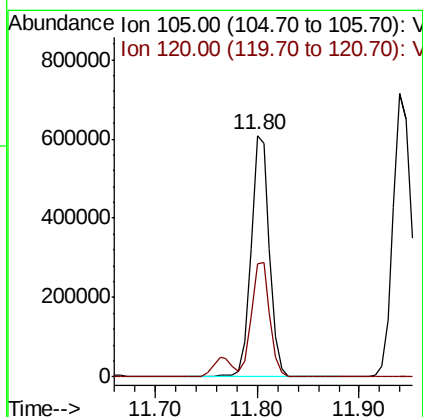
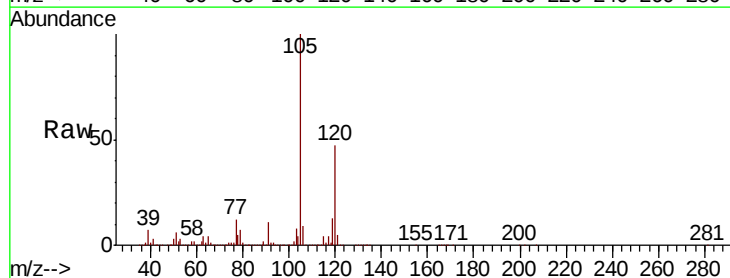
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

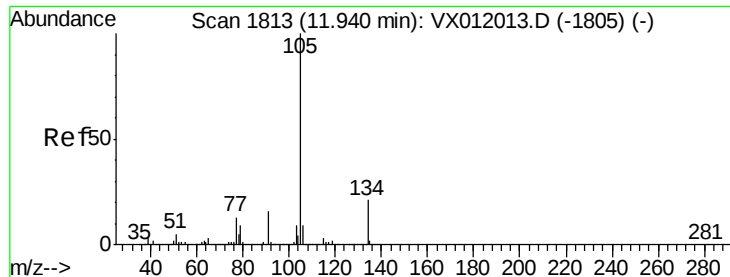
Tgt Ion:119 Resp: 785095
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.1 81.2
 134 24.1 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.930 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion:105 Resp: 764966
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.6 70.8





#85

sec-Butylbenzene

Concen: 52.595 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

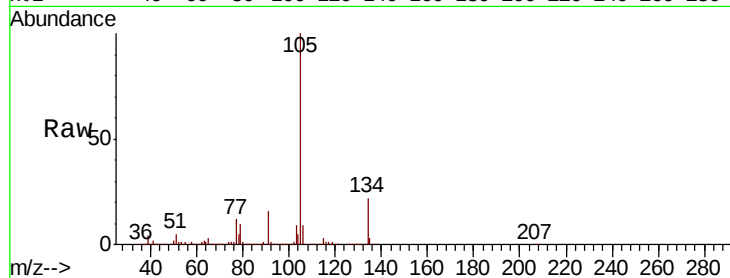
ICVVX090219

Tgt Ion:105 Resp: 890536

Ion Ratio Lower Upper

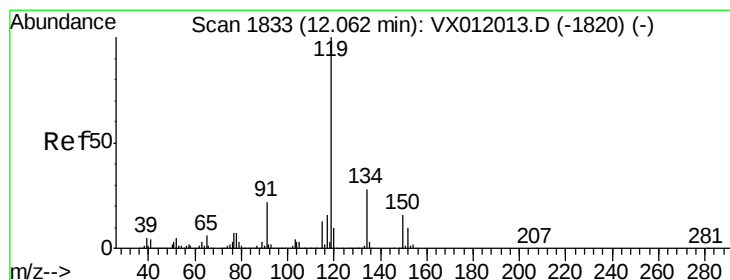
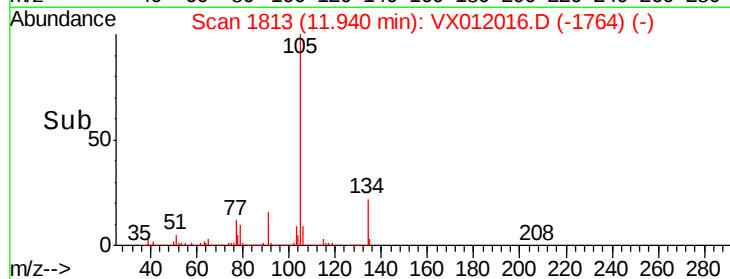
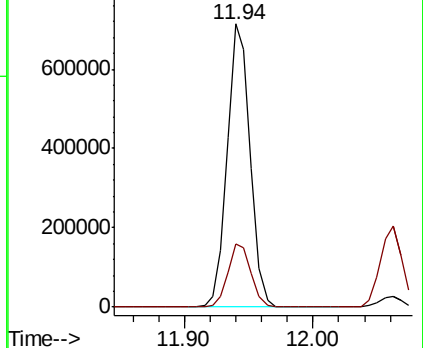
105 100

134 22.5 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.690 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

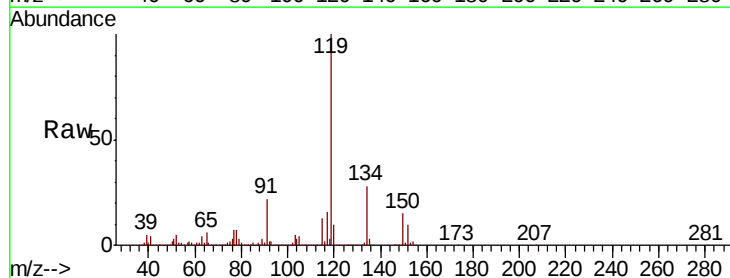
Tgt Ion:119 Resp: 873480

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

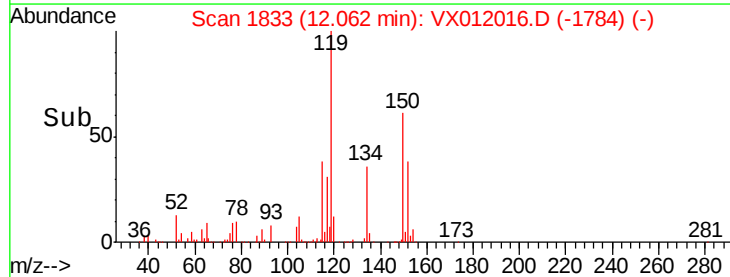
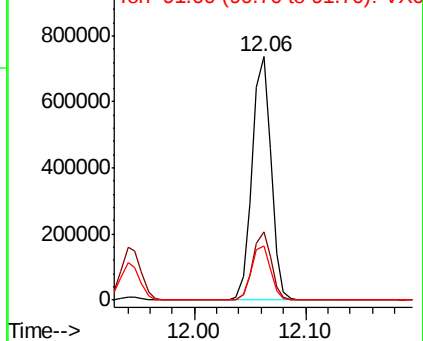
91 22.7 11.4 34.1

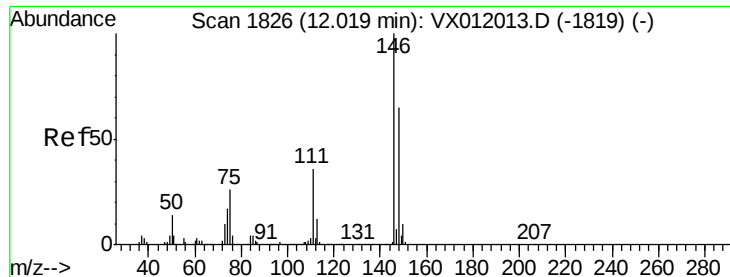


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

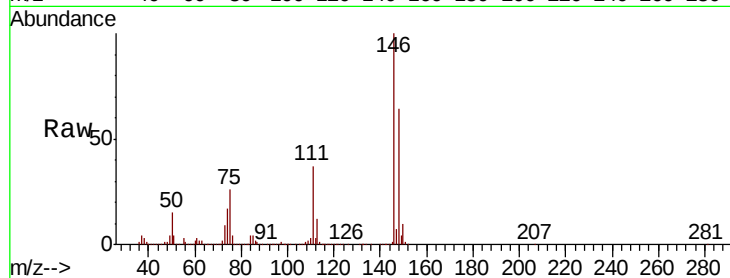




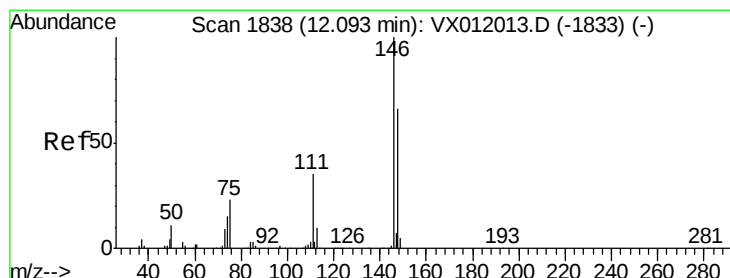
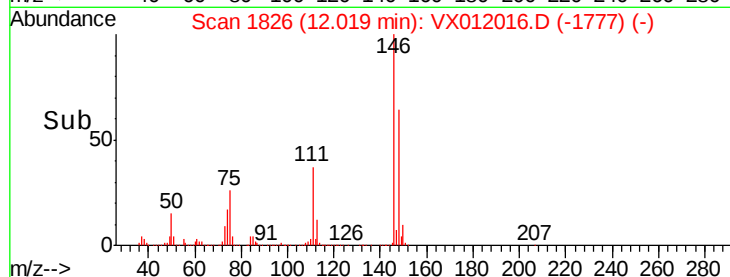
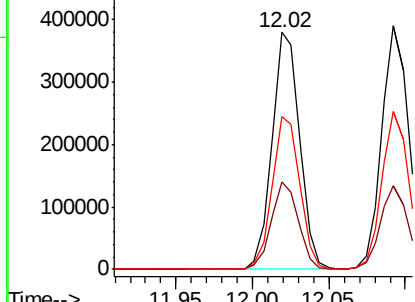
#87
 1,3-Dichlorobenzene
 Concen: 52.670 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

Tgt Ion:146 Resp: 477465
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.7 32.6 97.8

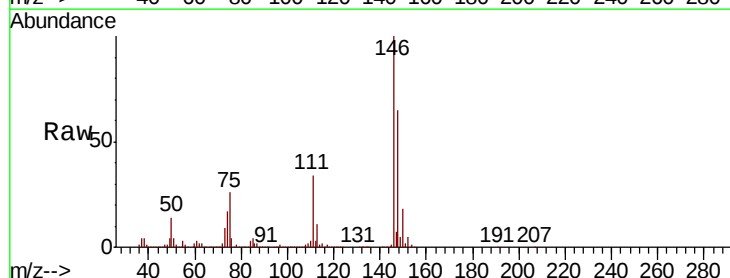


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

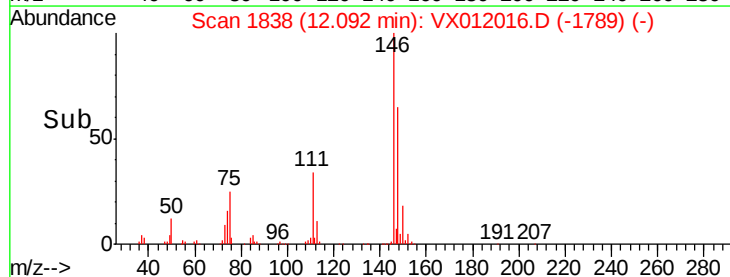
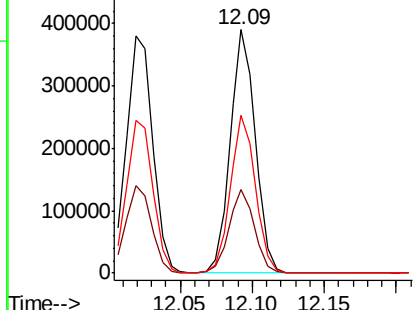


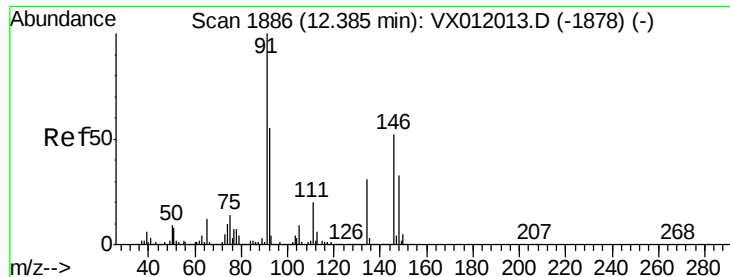
#88
 1,4-Dichlorobenzene
 Concen: 52.957 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion:146 Resp: 476963
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.7 53.1
 148 64.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.756 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

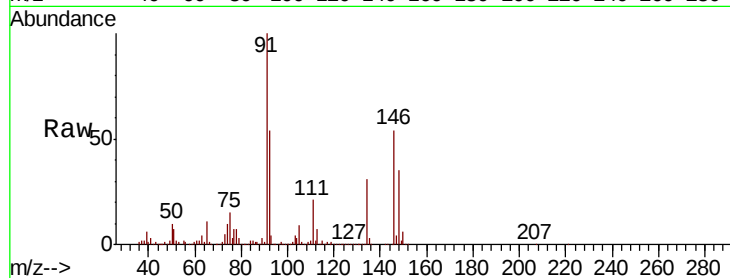
Tgt Ion: 91 Resp: 757413

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

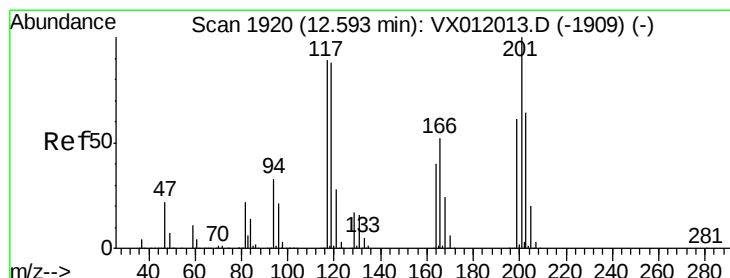
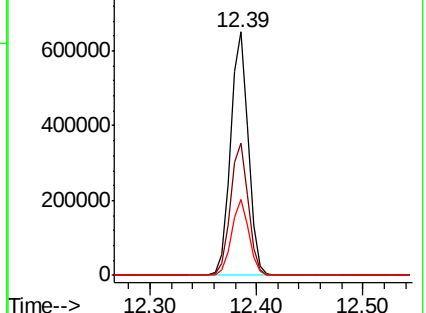
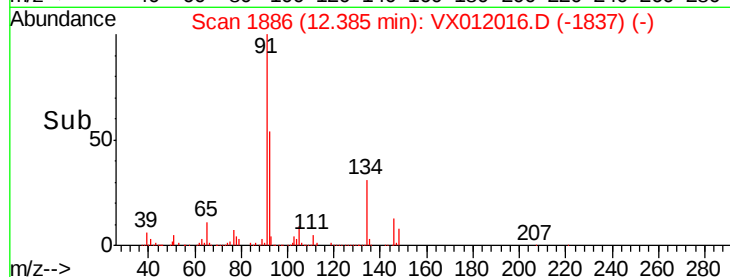
134 30.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.306 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012016.D

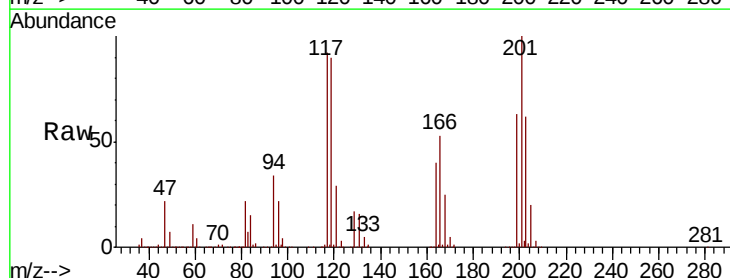
Acq: 02 Sep 2019 15:10

Tgt Ion: 117 Resp: 165907

Ion Ratio Lower Upper

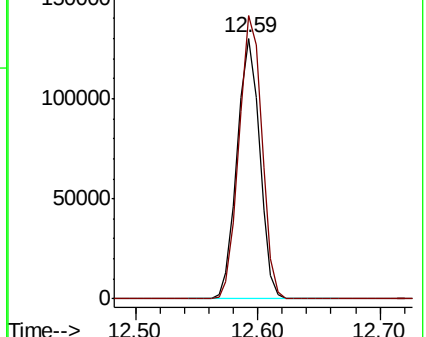
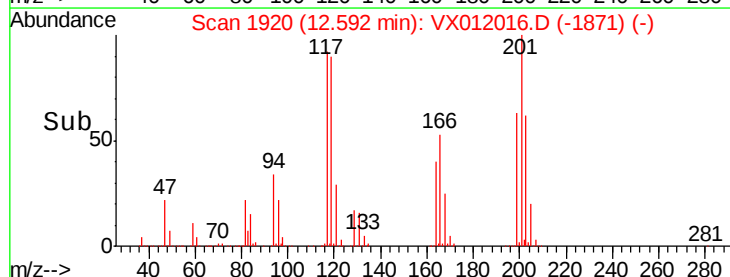
117 100

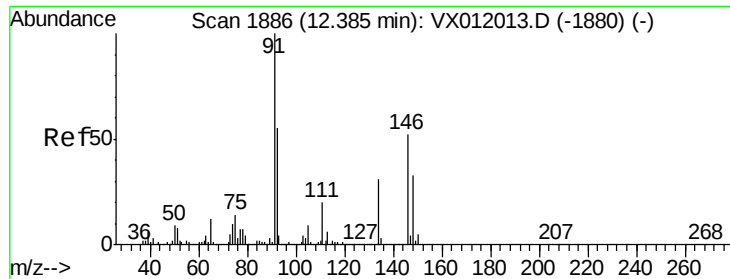
201 110.3 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 53.682 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090219

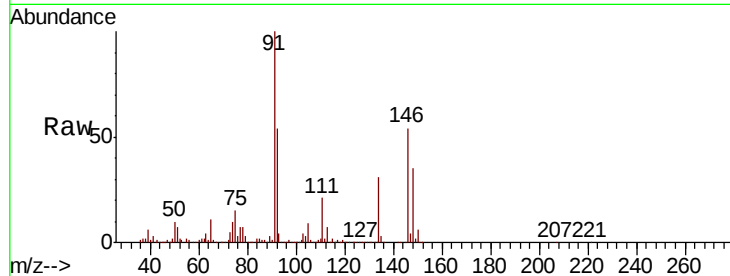
Tgt Ion: 146 Resp: 439332

Ion Ratio Lower Upper

146 100

111 37.4 18.6 56.0

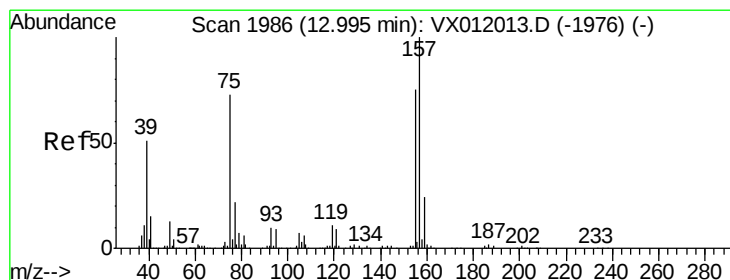
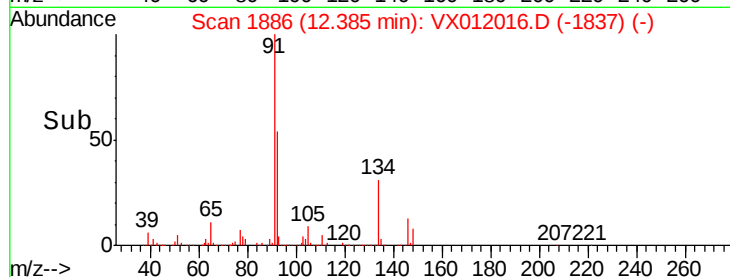
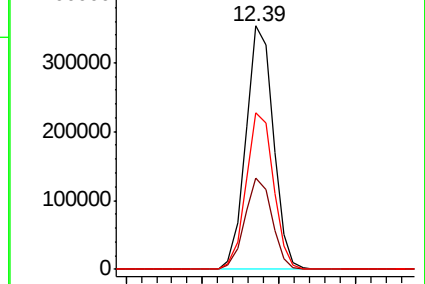
148 64.4 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.381 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012016.D

Acq: 02 Sep 2019 15:10

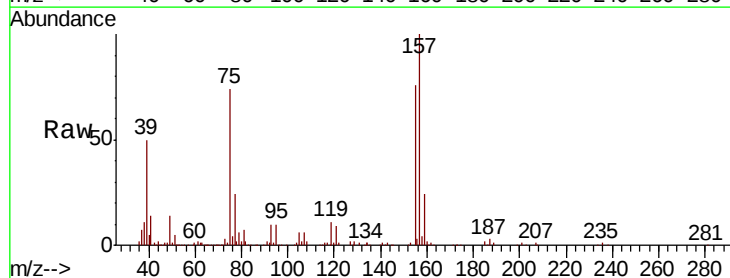
Tgt Ion: 75 Resp: 32315

Ion Ratio Lower Upper

75 100

155 108.2 51.7 155.2

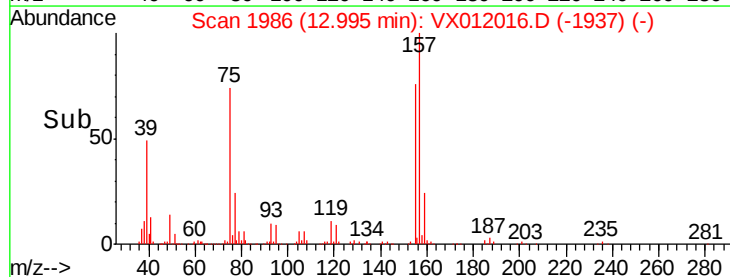
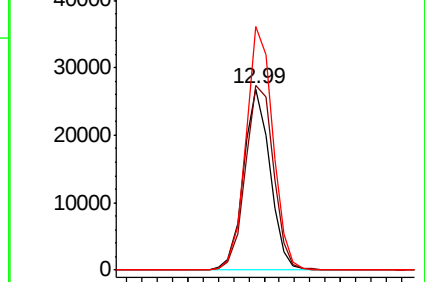
157 136.6 66.9 200.7

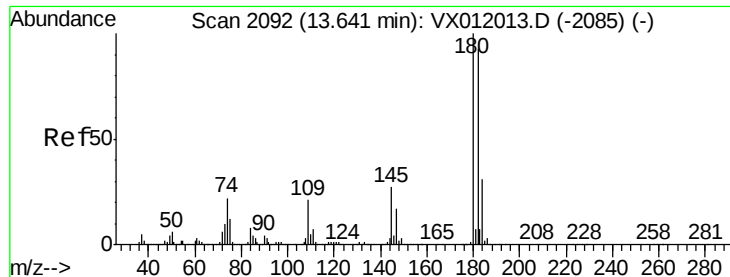


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

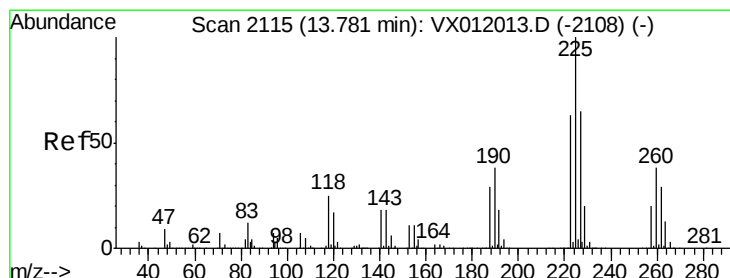
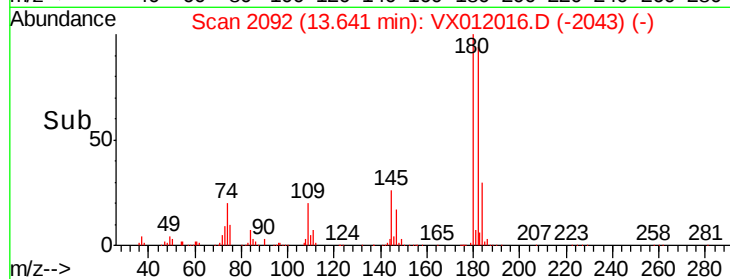
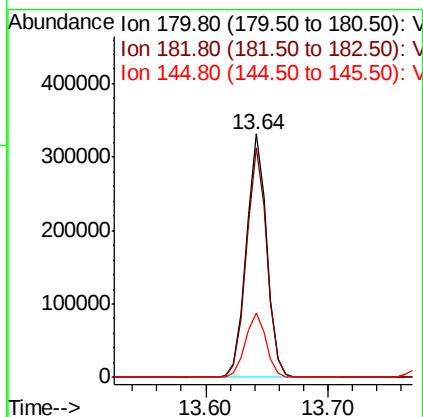
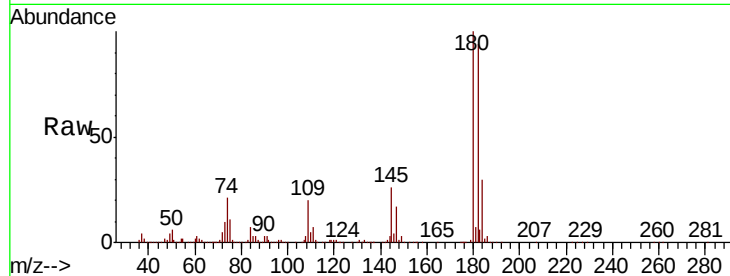




#93
 1,2,4-Trichlorobenzene
 Concen: 53.627 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

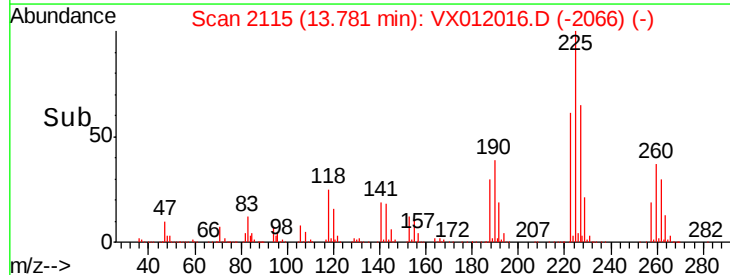
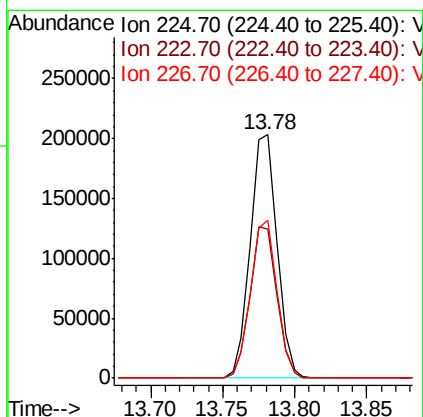
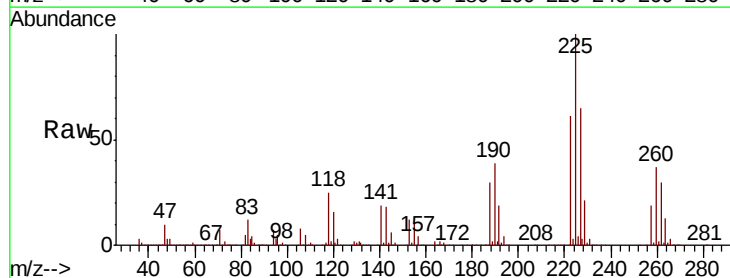
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090219

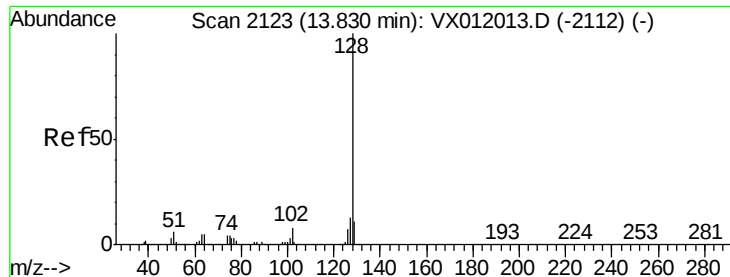
Tgt Ion:180 Resp: 381868
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 26.8 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 52.314 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012016.D
 Acq: 02 Sep 2019 15:10

Tgt Ion:225 Resp: 260269
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 63.8 32.5 97.5

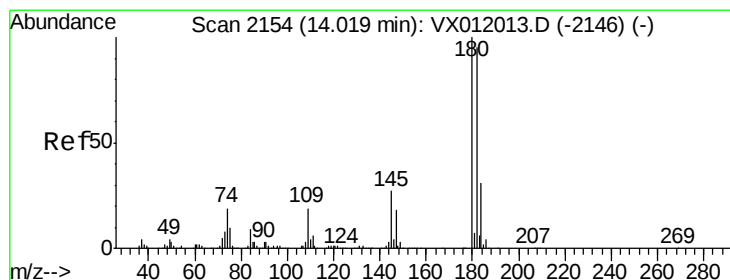
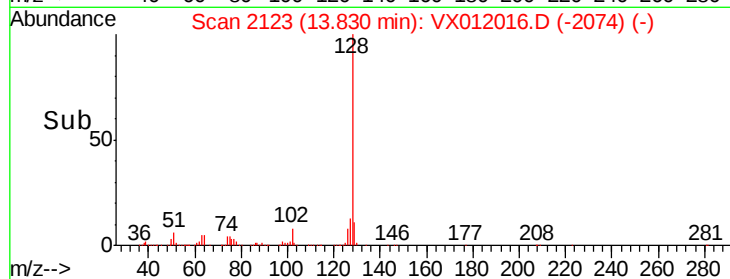
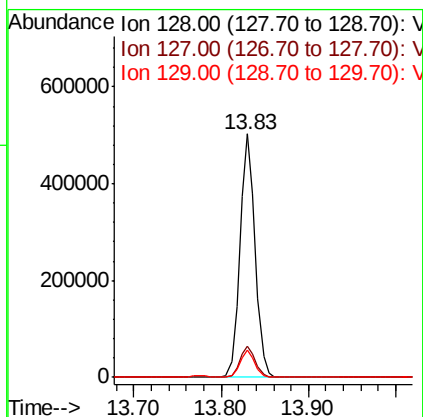
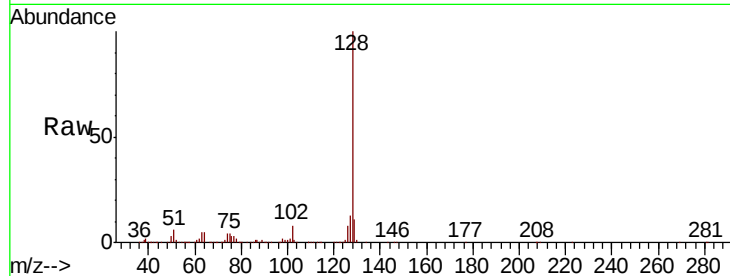




#95
Naphthalene
Concen: 55.420 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090219

Tgt Ion:128 Resp: 606798
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.416 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012016.D
Acq: 02 Sep 2019 15:10

Tgt Ion:180 Resp: 340709
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 28.4 14.1 42.4

