

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
 Data File : VX011890.D
 Acq On : 30 Aug 2019 00:25
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Quant Time: Aug 30 02:02:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	352531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	173575	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.48	113	161634	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	576894	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	235968	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99923	46.963	ug/l	99
3) Chloromethane	1.31	50	126875	51.439	ug/l	100
4) Vinyl Chloride	1.39	62	119061	50.551	ug/l	97
5) Bromomethane	1.62	94	87113	53.455	ug/l	100
6) Chloroethane	1.71	64	76651	52.291	ug/l	95
7) Trichlorofluoromethane	1.92	101	207445	50.715	ug/l	99
8) Diethyl Ether	2.17	74	75112	53.432	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134039	50.279	ug/l	99
10) Methyl Iodide	2.50	142	146596	50.339	ug/l	100
11) Tert butyl alcohol	3.03	59	86406	265.908	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130283	52.619	ug/l	99
13) Acrolein	2.28	56	39388	243.537	ug/l	97
14) Allyl chloride	2.71	41	253761	54.636	ug/l	100
15) Acrylonitrile	3.13	53	214592	277.914	ug/l	99
16) Acetone	2.43	43	180827	248.827	ug/l	99
17) Carbon Disulfide	2.56	76	384246	54.104	ug/l	100
18) Methyl Acetate	2.76	43	106444	52.913	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	444498	55.415	ug/l	99
20) Methylene Chloride	2.84	84	170536	55.541	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	158511	54.348	ug/l	98
22) Diisopropyl ether	3.84	45	524810	55.349	ug/l	94
23) Vinyl Acetate	3.80	43	1725312	283.018	ug/l	99
24) 1,1-Dichloroethane	3.68	63	287181	54.924	ug/l	99
25) 2-Butanone	4.65	43	291834	275.722	ug/l	99
26) 2,2-Dichloropropane	4.57	77	222632	50.766	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	192267	55.965	ug/l	99
28) Bromochloromethane	5.00	49	121241	51.675	ug/l	100
29) Tetrahydrofuran	5.11	42	185801	281.245	ug/l	100
30) Chloroform	5.20	83	306231	54.775	ug/l	97
31) Cyclohexane	5.57	56	209274	49.621	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	265403	53.442	ug/l	100
36) 1,1-Dichloropropene	5.79	75	207694	51.411	ug/l	100
37) Ethyl Acetate	4.81	43	131858	55.139	ug/l	99
38) Carbon Tetrachloride	5.77	117	239149	51.042	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	229389	47.670	ug/l	98
40) Benzene	6.13	78	638931	52.984	ug/l	99
41) Methacrylonitrile	5.03	41	77229	54.849	ug/l	99
42) 1,2-Dichloroethane	6.18	62	221106	53.917	ug/l	100
43) Isopropyl Acetate	6.43	43	262140	54.067	ug/l	99
44) Trichloroethene	7.20	130	196386	52.635	ug/l	94
45) 1,2-Dichloropropane	7.51	63	168153	53.309	ug/l	100
46) Dibromomethane	7.65	93	101242	54.082	ug/l	99
47) Bromodichloromethane	7.89	83	248606	53.555	ug/l	99
48) Methyl methacrylate	7.76	41	129295	54.808	ug/l	99
49) 1,4-Dioxane	7.73	88	34037	1049.233	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	661883	268.728	ug/l	100
52) Toluene	8.78	92	422058	52.904	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254862	53.599	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	284552	53.310	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146579	53.485	ug/l	99
56) Ethyl methacrylate	9.17	69	205727	54.087	ug/l	99
57) 1,3-Dichloropropane	9.37	76	243383	53.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	477962	263.831	ug/l	99
59) 2-Hexanone	9.49	43	463365	264.844	ug/l	100
60) Dibromochloromethane	9.58	129	201119	54.639	ug/l	99
61) 1,2-Dibromoethane	9.66	107	147329	54.222	ug/l	99
64) Tetrachloroethene	9.33	164	201077	51.772	ug/l	99
65) Chlorobenzene	10.13	112	495595	52.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	201216	53.179	ug/l	99
67) Ethyl Benzene	10.25	91	826097	51.904	ug/l	99
68) m/p-Xylenes	10.35	106	637146	103.675	ug/l	100
69) o-Xylene	10.69	106	314011	52.434	ug/l	100
70) Styrene	10.71	104	560965	53.143	ug/l	100
71) Bromoform	10.85	173	145559	54.405	ug/l #	99
73) Isopropylbenzene	11.01	105	828419	52.029	ug/l	100
74) N-amyl acetate	10.89	43	255899	54.157	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	174650	53.597	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192432	70.593	ug/l	84
77) Bromobenzene	11.25	156	246161	53.307	ug/l	99
78) n-propylbenzene	11.35	91	935199	51.797	ug/l	99
79) 2-Chlorotoluene	11.41	91	575199	52.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	717602	52.215	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56037	51.642	ug/l	98
82) 4-Chlorotoluene	11.51	91	684489	52.208	ug/l	100
83) tert-Butylbenzene	11.77	119	724798	51.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	738074	52.403	ug/l	100
85) sec-Butylbenzene	11.94	105	828852	51.171	ug/l	100
86) p-Isopropyltoluene	12.06	119	806173	51.328	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	455368	53.059	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	456704	52.640	ug/l	100
89) n-Butylbenzene	12.38	91	701945	50.515	ug/l	99
90) Hexachloroethane	12.59	117	162094	53.346	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	422286	52.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34645	53.374	ug/l	98

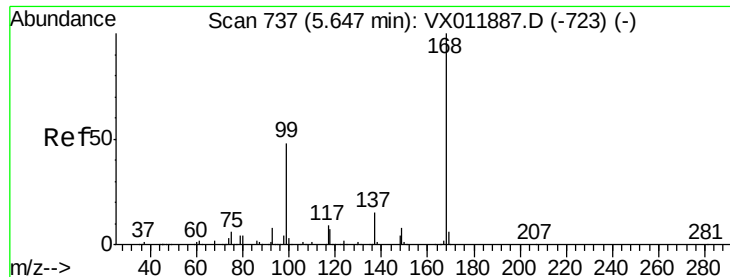
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	353820	52.663	ug/l	100
94) Hexachlorobutadiene	13.78	225	221034	49.262	ug/l	98
95) Naphthalene	13.83	128	621391	53.890	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319484	52.585	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

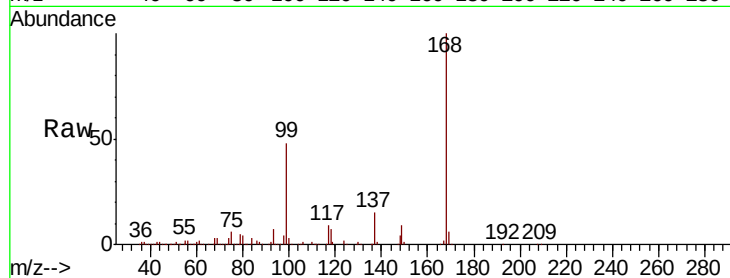
ICVVX082919

Tgt Ion:168 Resp: 352531

Ion Ratio Lower Upper

168 100

99 47.4 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

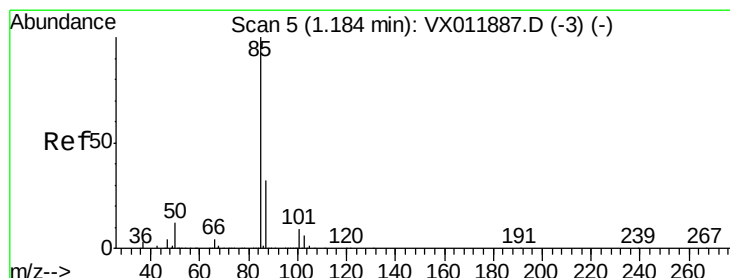
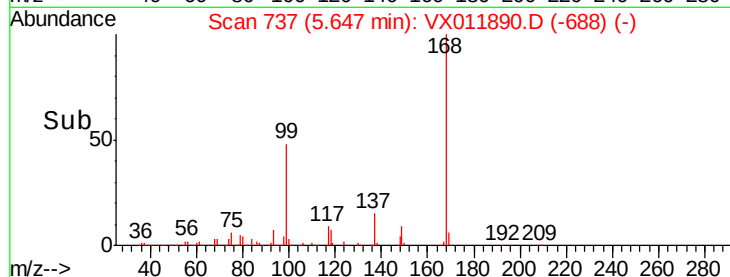
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.963 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011890.D

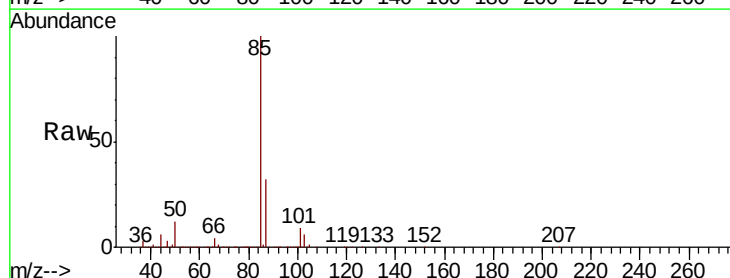
Acq: 30 Aug 2019 00:25

Tgt Ion: 85 Resp: 99923

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

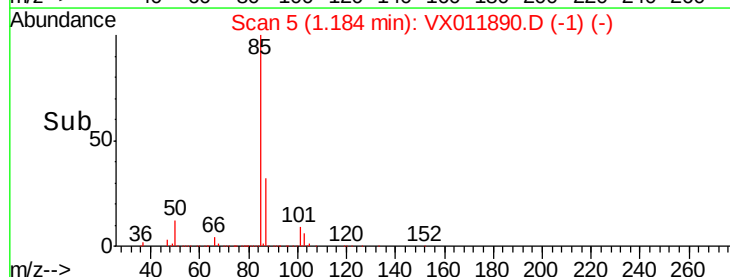
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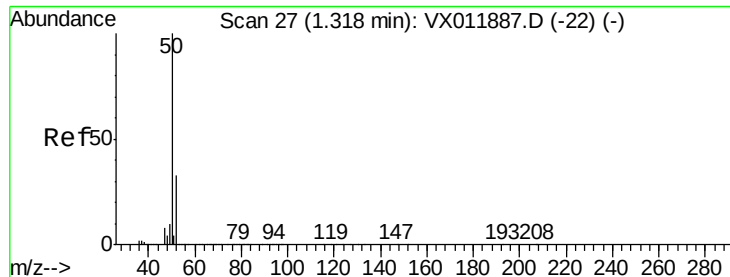
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.439 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

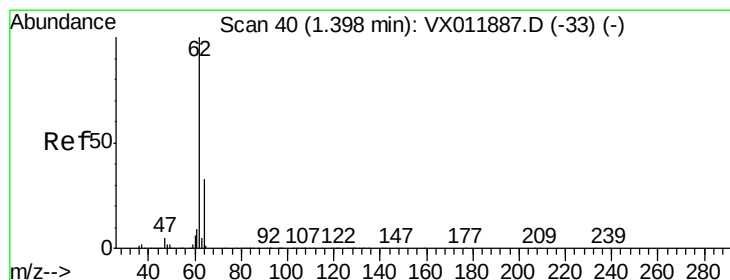
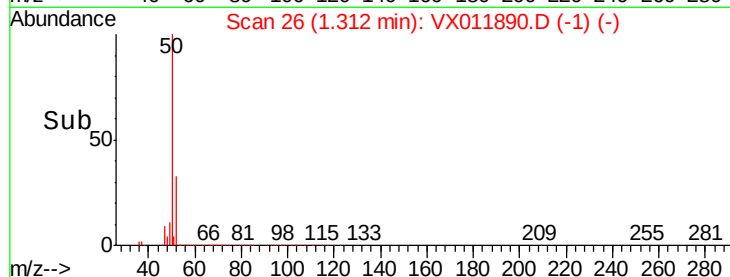
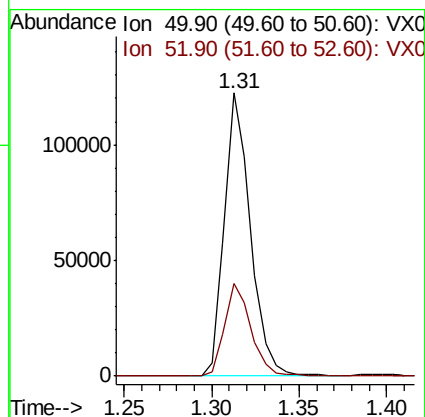
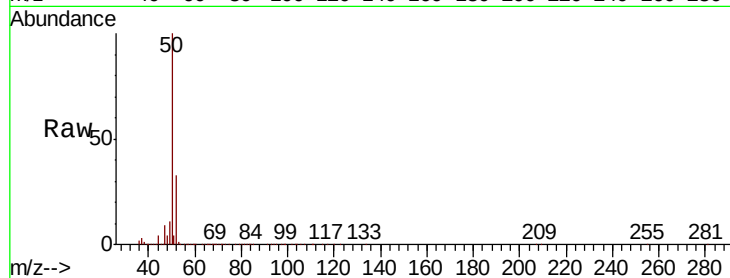
ICVVX082919

Tgt Ion: 50 Resp: 126875

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 50.551 ug/l

RT: 1.39 min Scan# 39

Delta R.T. -0.01 min

Lab File: VX011890.D

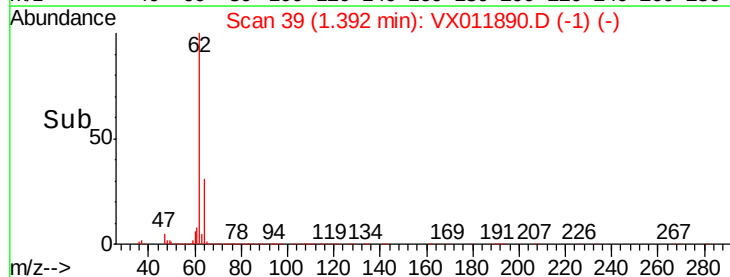
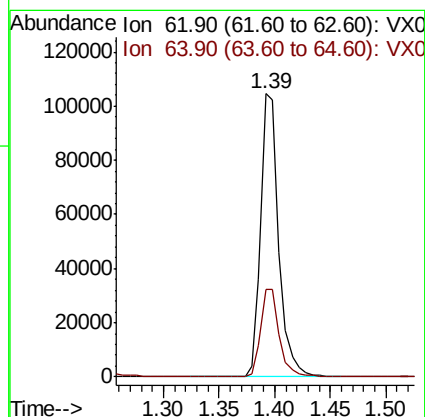
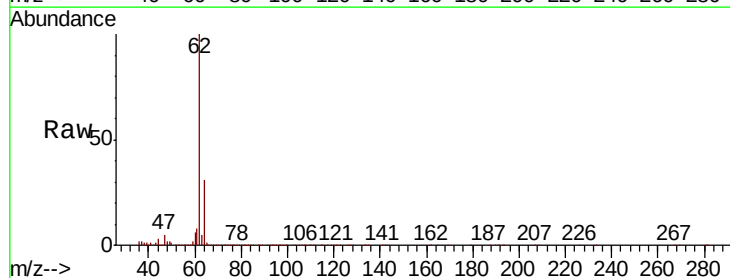
Acq: 30 Aug 2019 00:25

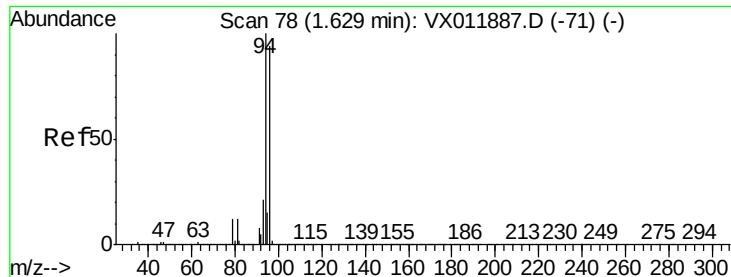
Tgt Ion: 62 Resp: 119061

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0





#5

Bromomethane

Concen: 53.455 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

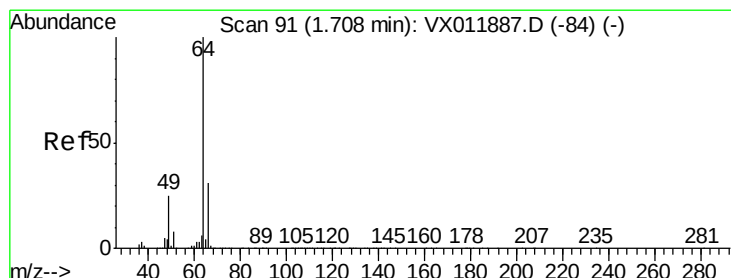
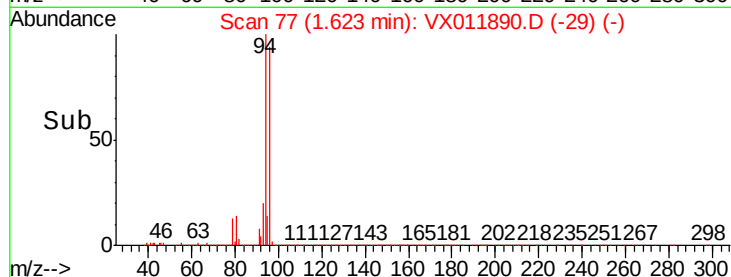
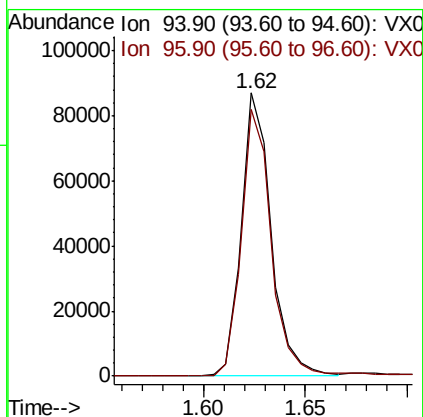
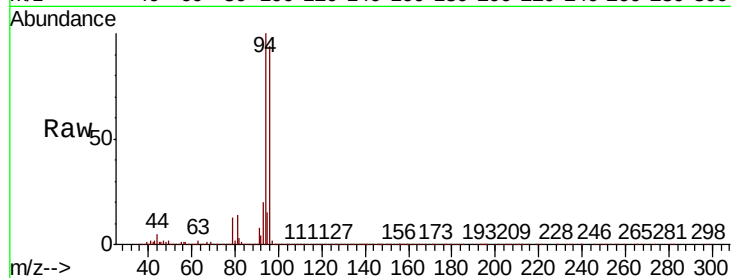
ICVVX082919

Tgt Ion: 94 Resp: 87113

Ion Ratio Lower Upper

94 100

96 94.2 75.0 112.6



#6

Chloroethane

Concen: 52.291 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX011890.D

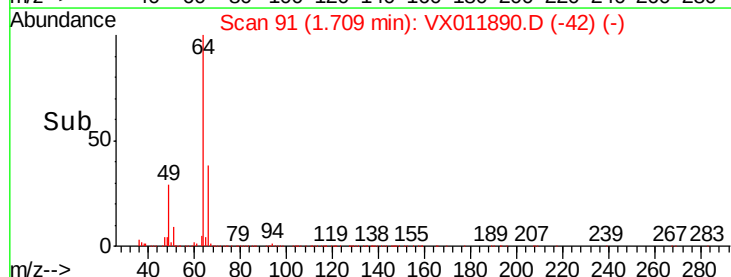
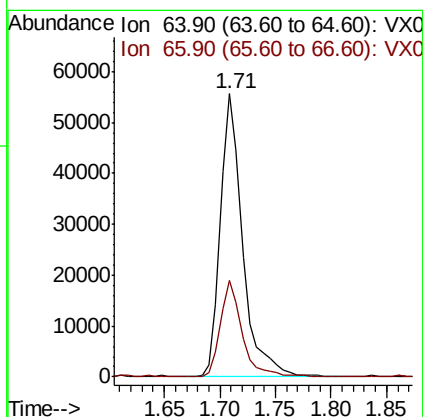
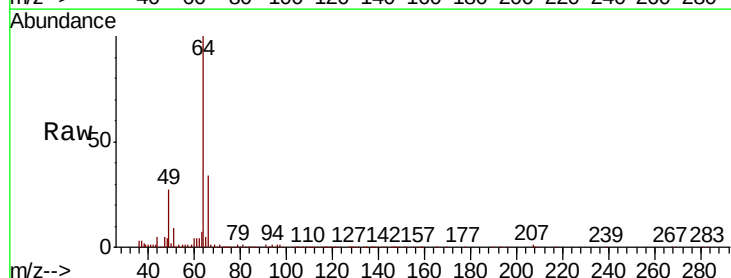
Acq: 30 Aug 2019 00:25

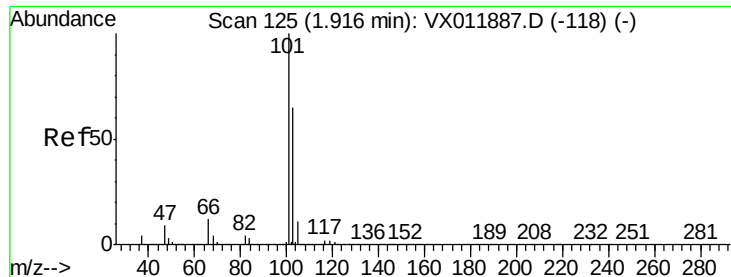
Tgt Ion: 64 Resp: 76651

Ion Ratio Lower Upper

64 100

66 33.8 25.0 37.4



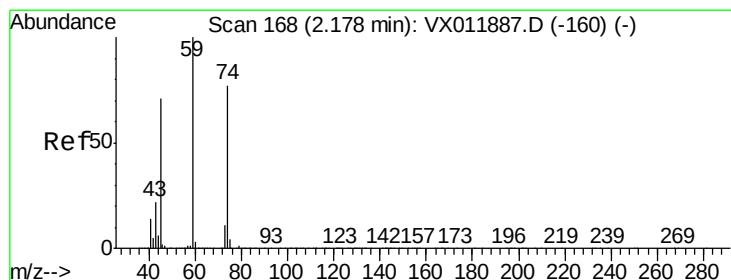
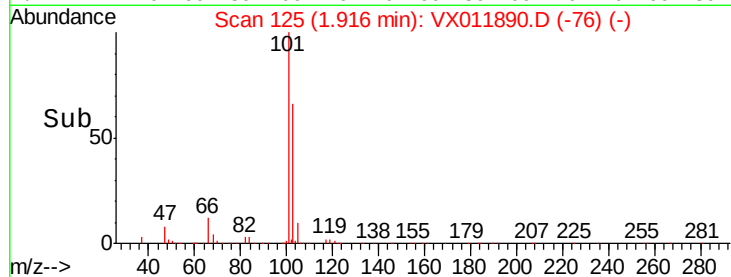
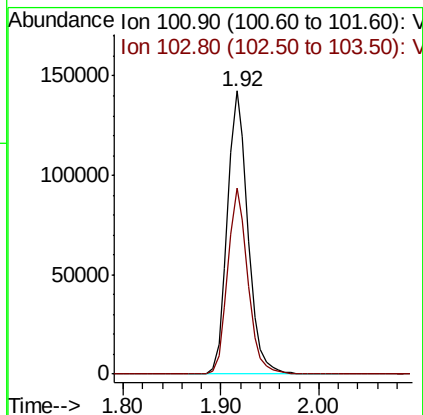
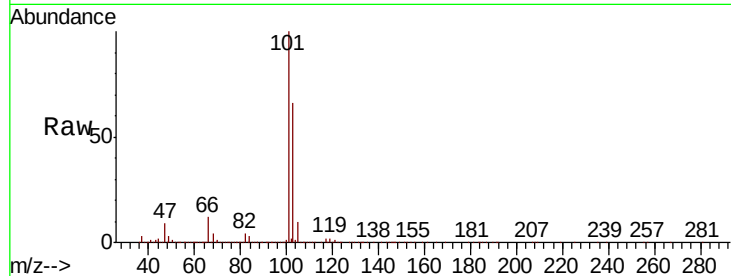


#7

Trichlorofluoromethane
Concen: 50.715 ug/l
RT: 1.92 min Scan# 125
Delta R.T. 0.00 min
Lab File: VX011890.D
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MSVOA_X
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ICVVX082919

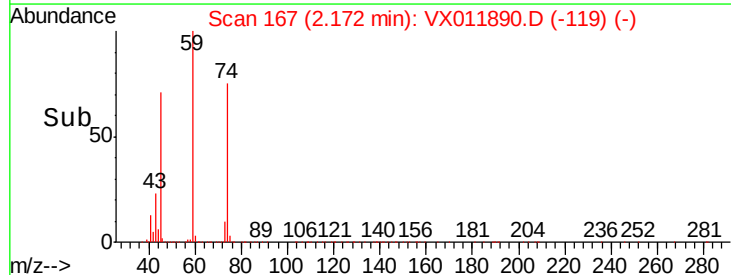
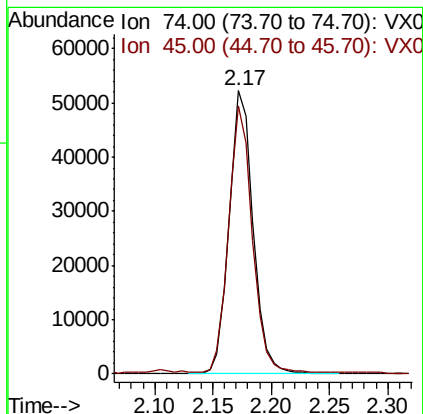
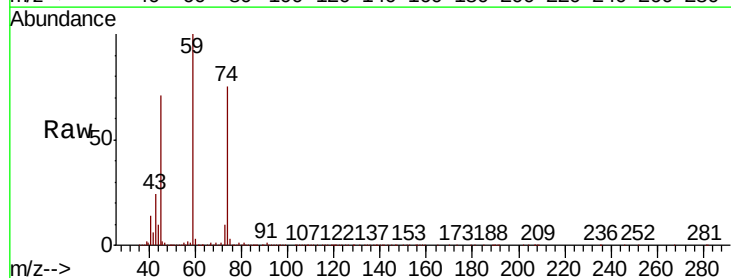
Tgt Ion: 101 Resp: 207445
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

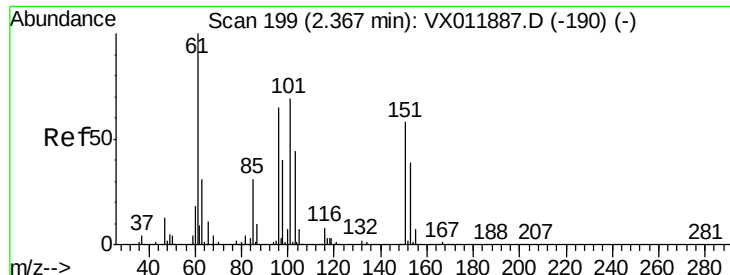


#8

Diethyl Ether
Concen: 53.432 ug/l
RT: 2.17 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 74 Resp: 75112
Ion Ratio Lower Upper
74 100
45 92.4 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.279 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

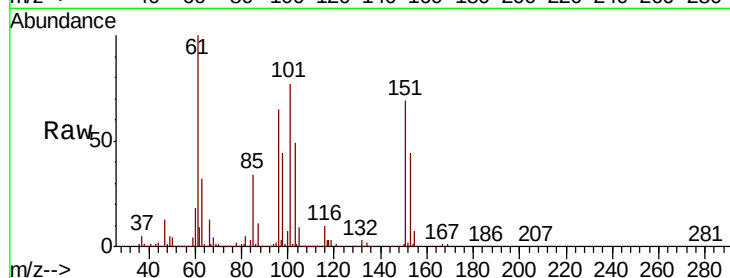
Tgt Ion:101 Resp: 134039

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

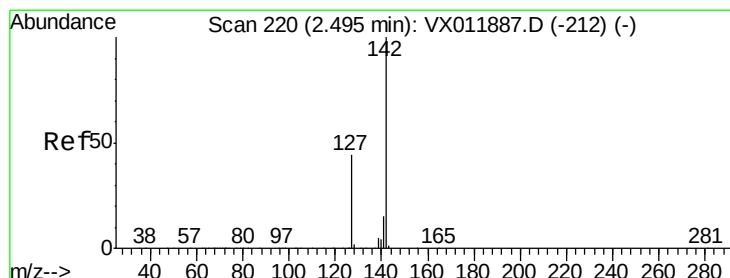
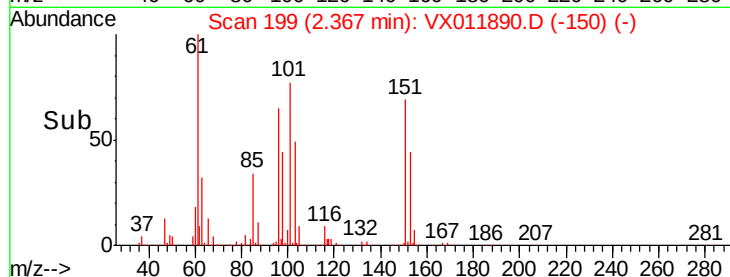
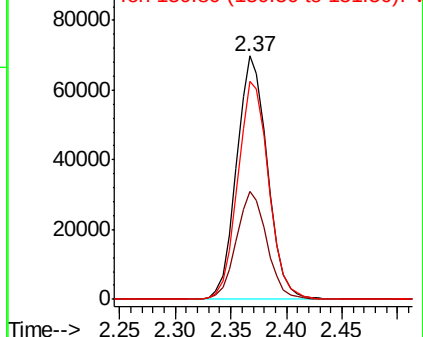
151 89.9 70.9 106.3



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: 50.339 ug/l

RT: 2.50 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

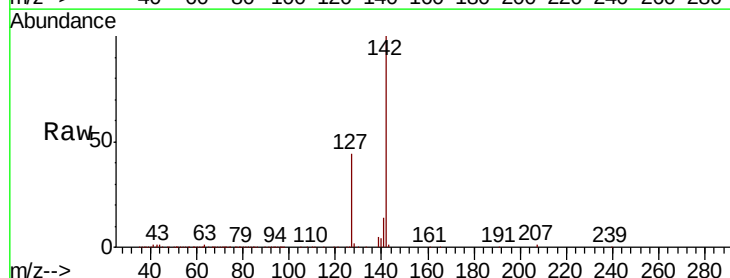
Tgt Ion:142 Resp: 146596

Ion Ratio Lower Upper

142 100

127 44.4 35.7 53.5

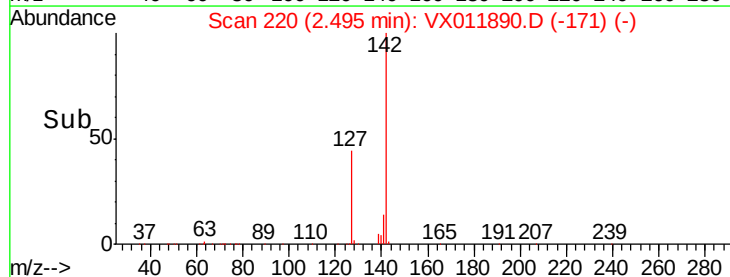
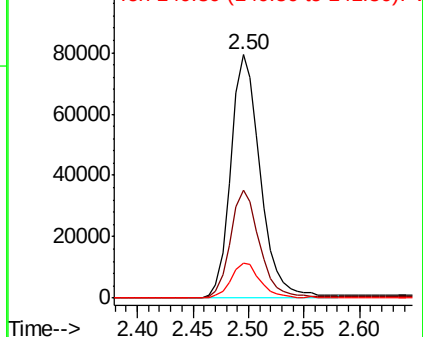
141 14.4 11.8 17.6

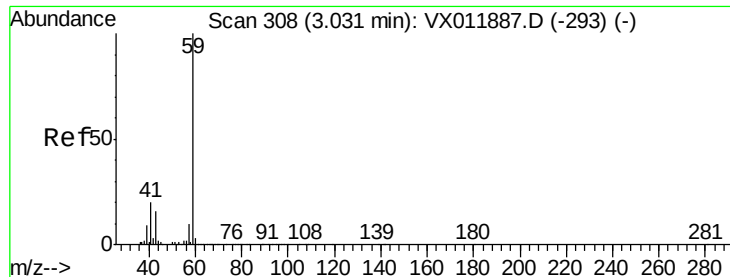


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

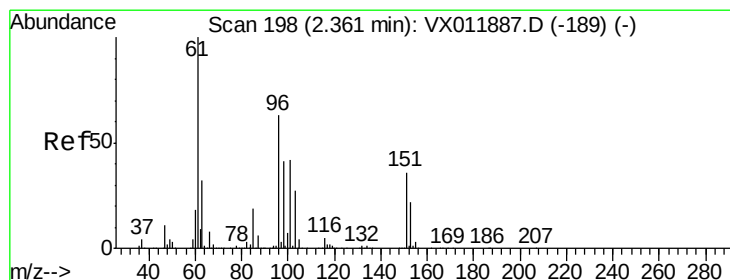
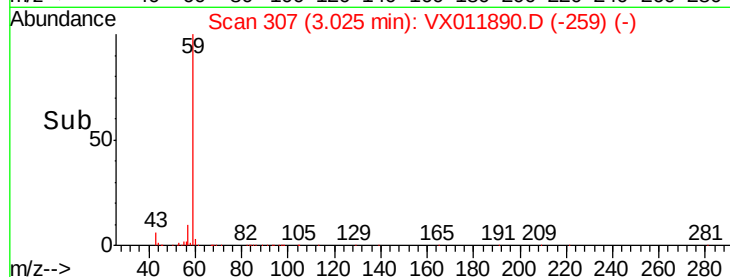
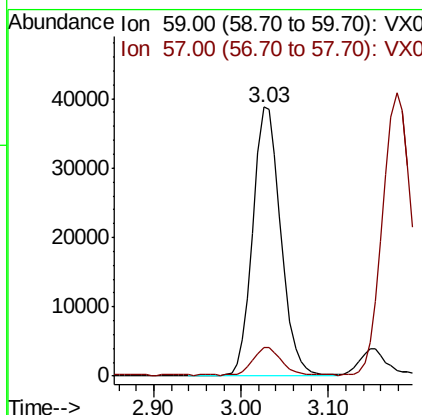
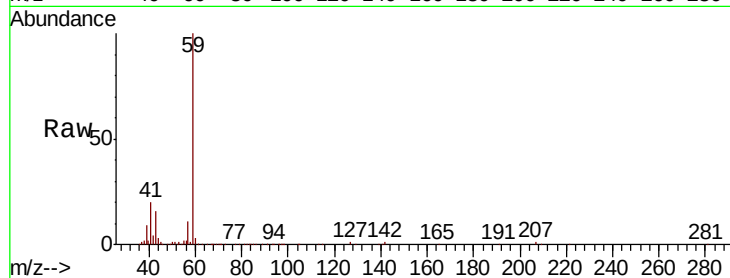




#11
Tert butyl alcohol
Concen: 265.908 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

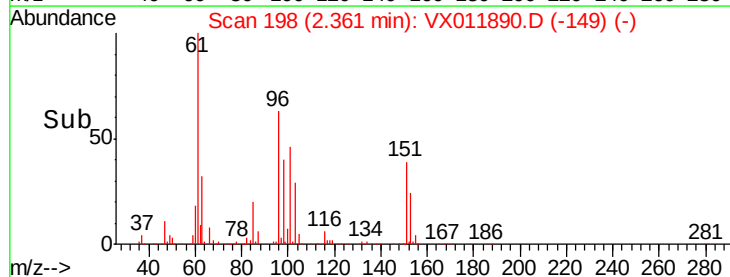
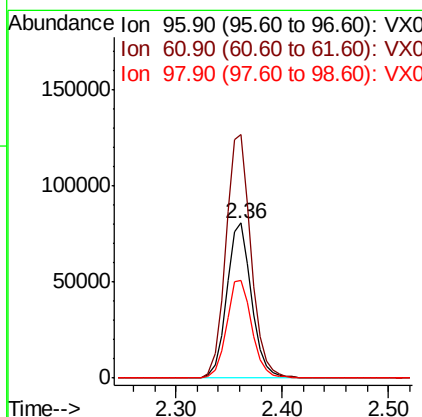
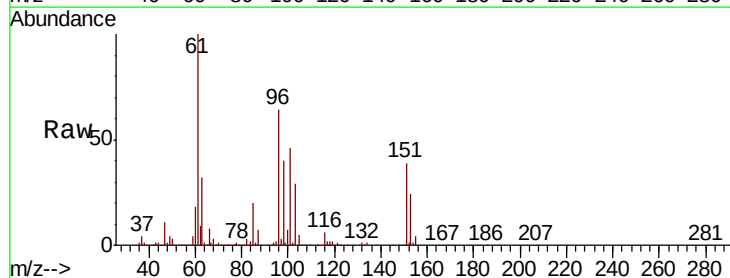
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

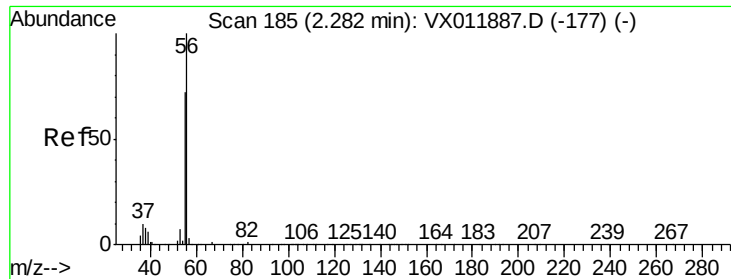
Tgt Ion: 59 Resp: 86406
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 52.619 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 96 Resp: 130283
Ion Ratio Lower Upper
96 100
61 157.5 126.6 190.0
98 62.7 51.6 77.4





#13

Acrolein

Concen: 243.537 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

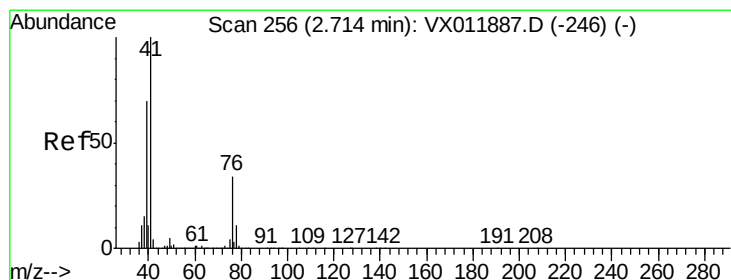
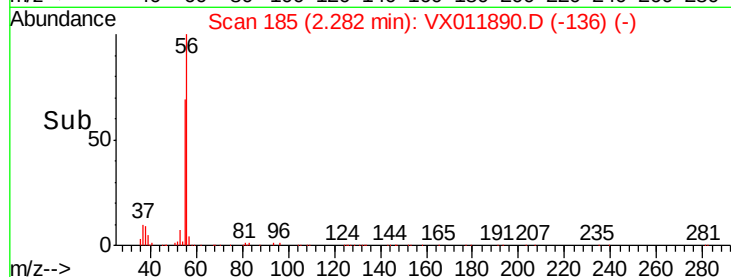
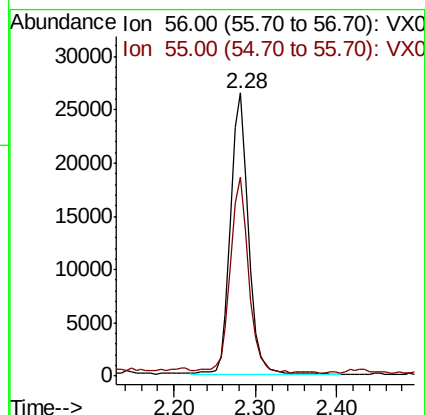
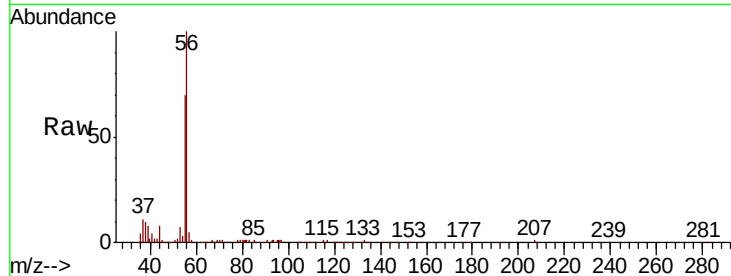
ICVVX082919

Tgt Ion: 56 Resp: 39388

Ion Ratio Lower Upper

56 100

55 71.1 58.6 88.0



#14

Allyl chloride

Concen: 54.636 ug/l

RT: 2.71 min Scan# 256

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

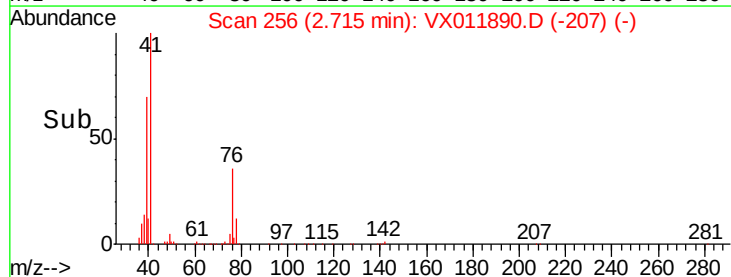
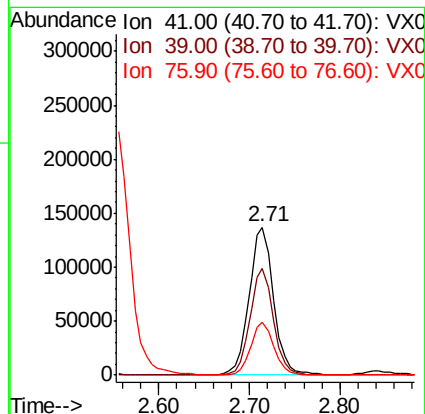
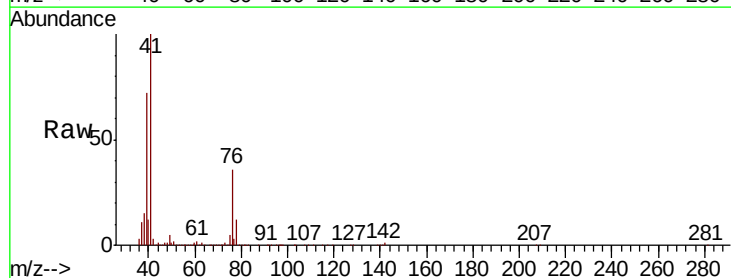
Tgt Ion: 41 Resp: 253761

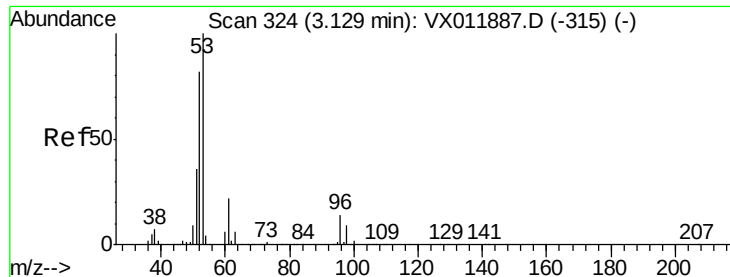
Ion Ratio Lower Upper

41 100

39 68.5 55.0 82.6

76 34.0 27.0 40.4





#15

Acrylonitrile

Concen: 277.914 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

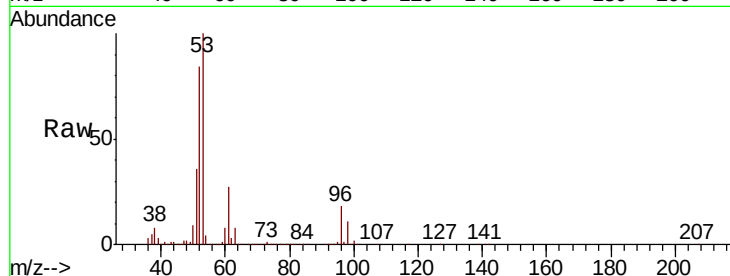
Tgt Ion: 53 Resp: 214592

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

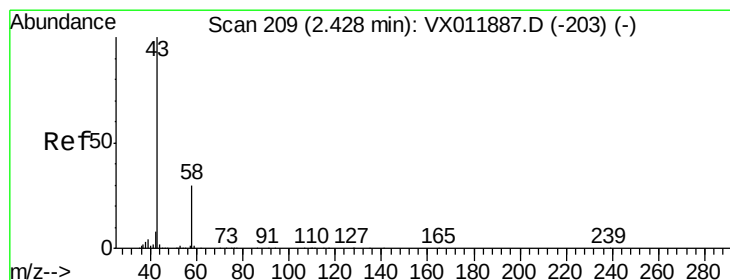
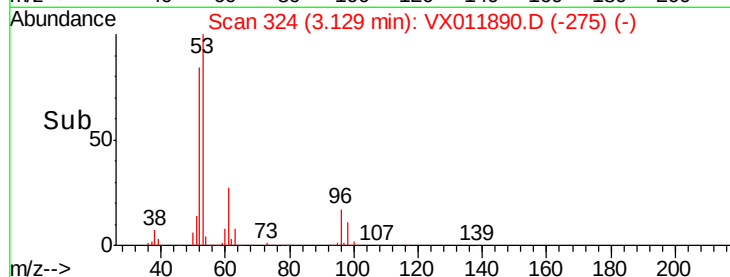
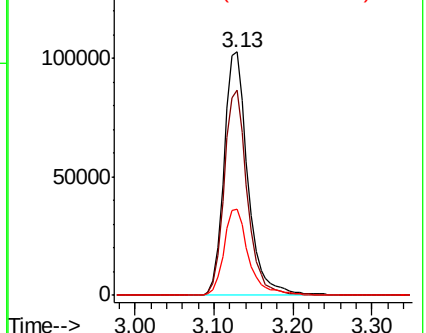
51 36.6 29.4 44.2



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: 248.827 ug/l

RT: 2.43 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX011890.D

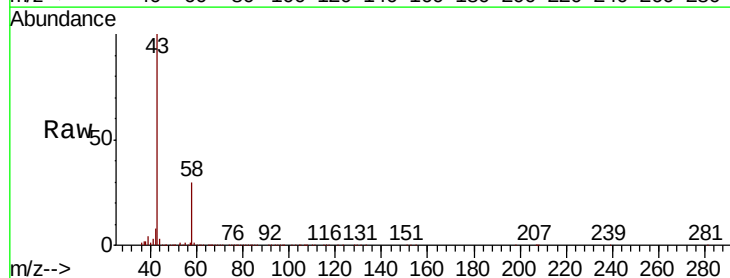
Acq: 30 Aug 2019 00:25

Tgt Ion: 43 Resp: 180827

Ion Ratio Lower Upper

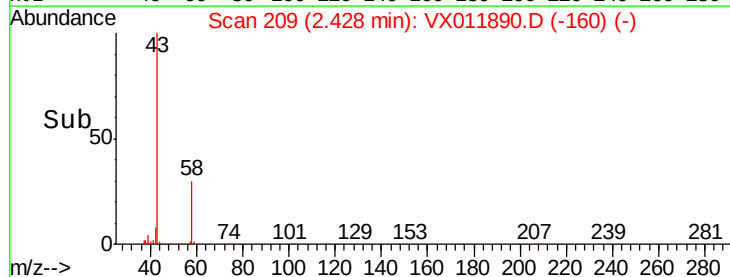
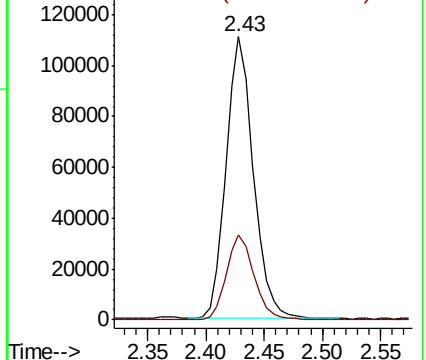
43 100

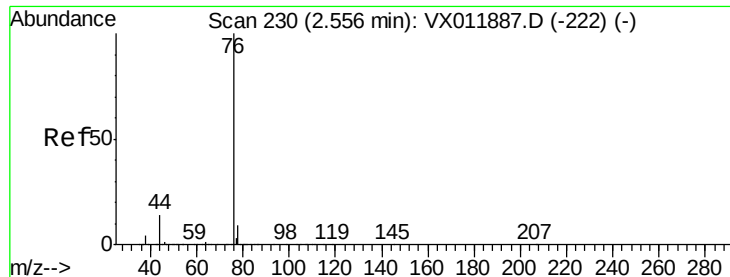
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 54.104 ug/l

RT: 2.56 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

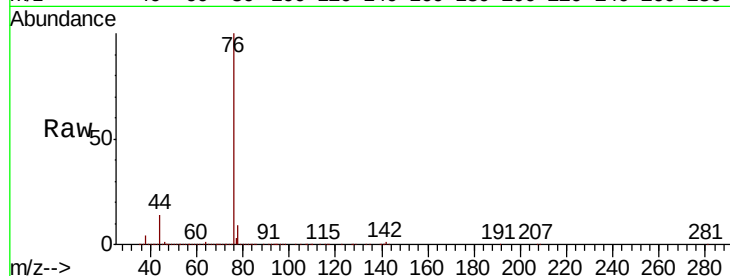
ICVVX082919

Tgt Ion: 76 Resp: 384246

Ion Ratio Lower Upper

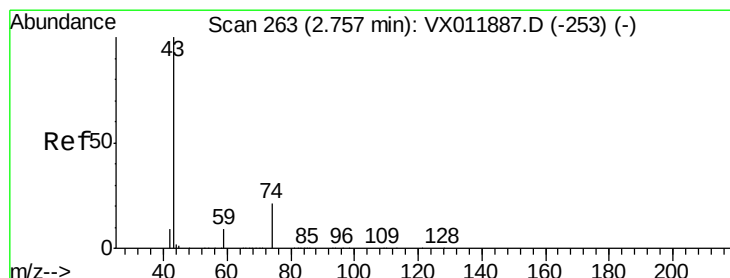
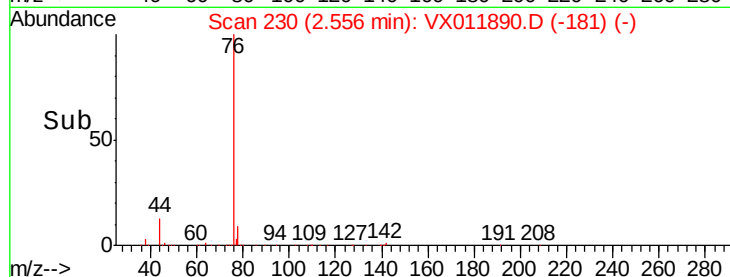
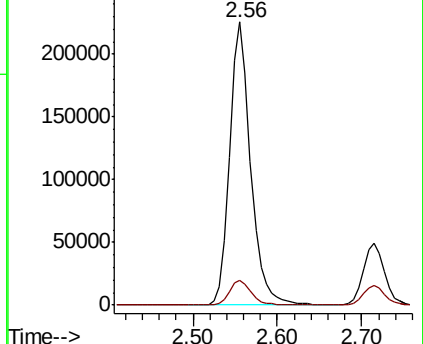
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.913 ug/l

RT: 2.76 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX011890.D

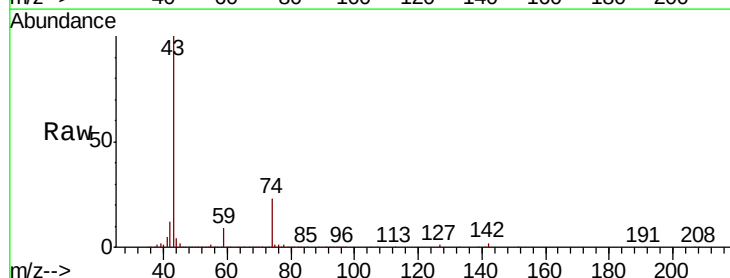
Acq: 30 Aug 2019 00:25

Tgt Ion: 43 Resp: 106444

Ion Ratio Lower Upper

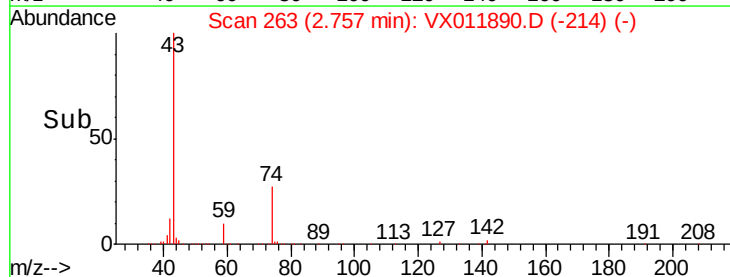
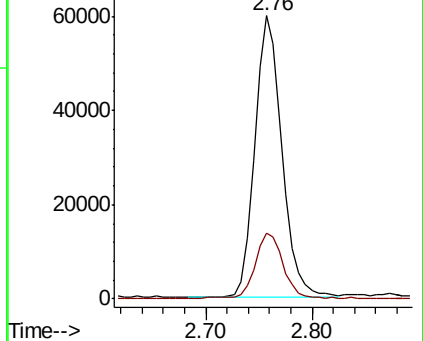
43 100

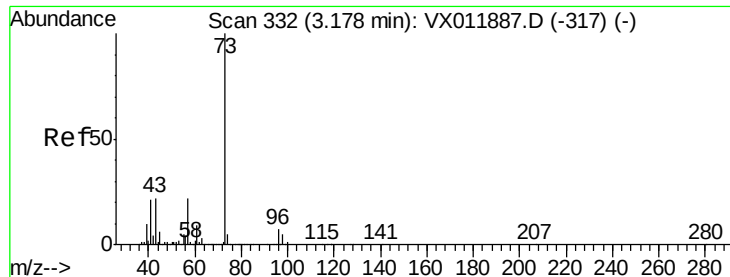
74 24.9 18.4 27.6



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: 55.415 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

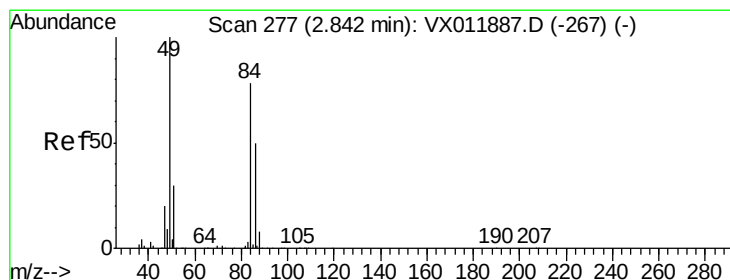
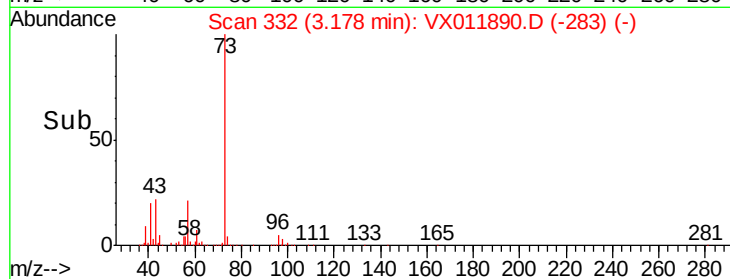
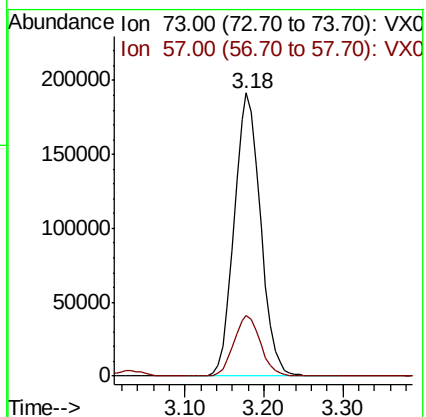
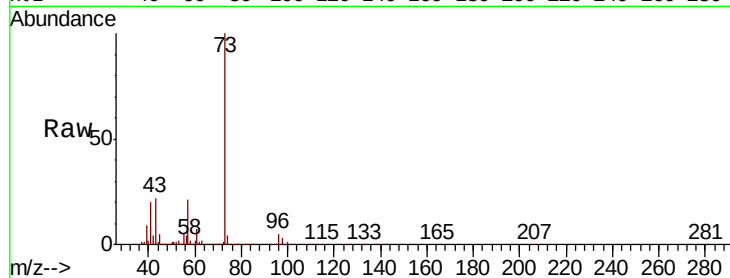
ICVVX082919

Tgt Ion: 73 Resp: 444498

Ion Ratio Lower Upper

73 100

57 21.2 17.4 26.0



#20

Methylene Chloride

Concen: 55.541 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion: 84 Resp: 170536

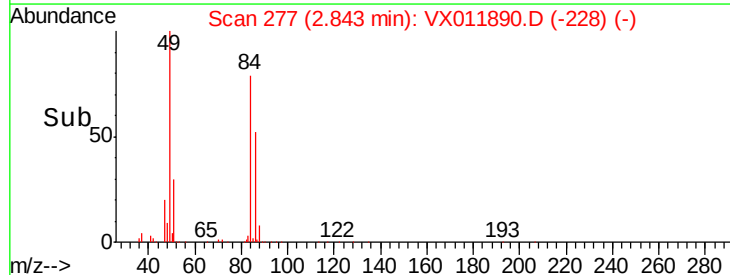
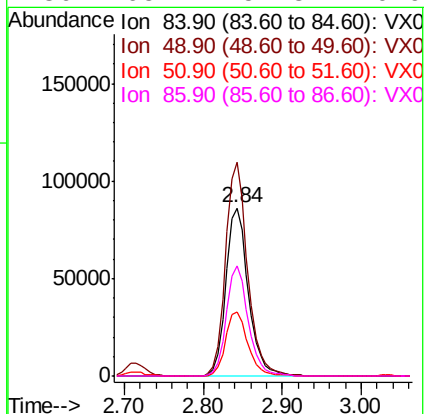
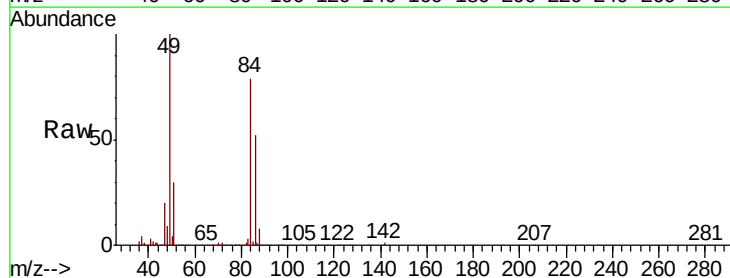
Ion Ratio Lower Upper

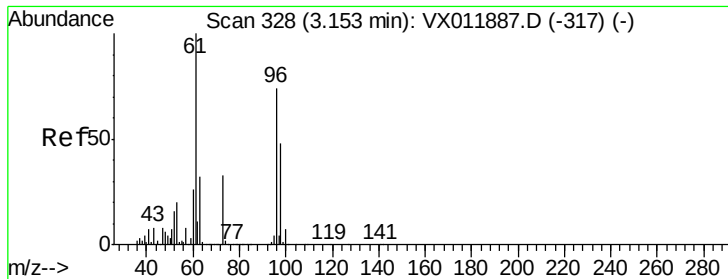
84 100

49 127.1 103.0 154.4

51 37.9 30.8 46.2

86 65.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 54.348 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

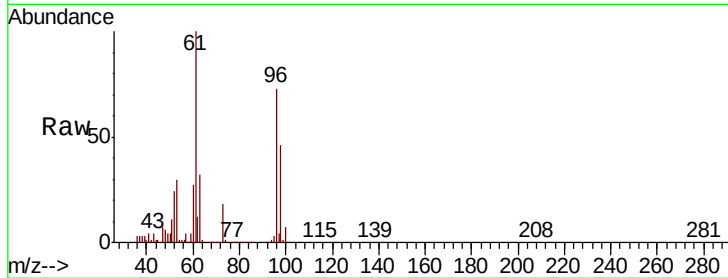
Tgt Ion: 96 Resp: 158511

Ion Ratio Lower Upper

96 100

61 138.0 107.4 161.2

98 63.5 51.4 77.2



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

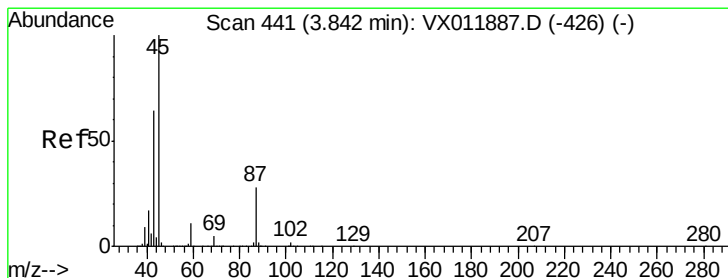
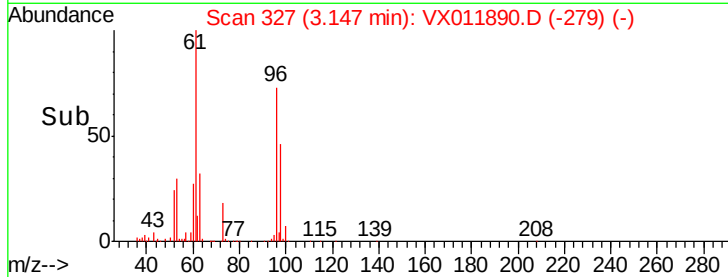
100000

50000

0

3.10 3.20

Time-->



#22

Diisopropyl ether

Concen: 55.349 ug/l

RT: 3.84 min Scan# 440

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion: 45 Resp: 524810

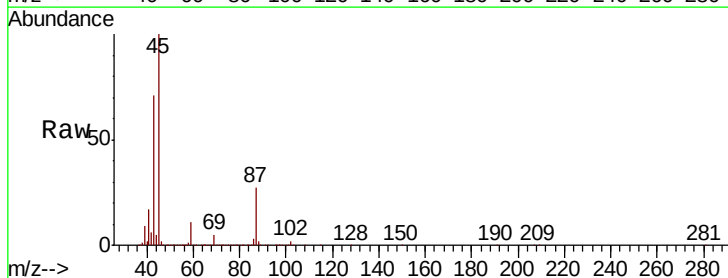
Ion Ratio Lower Upper

45 100

43 70.9 51.0 76.6

87 27.5 22.0 33.0

59 11.4 9.1 13.7



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

1000000

800000

600000

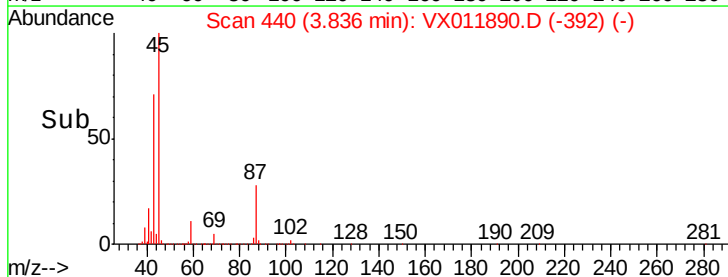
400000

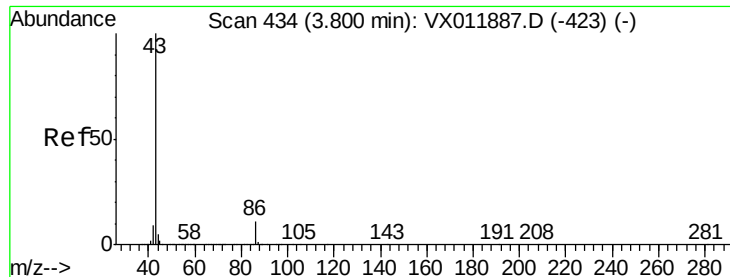
200000

0

3.70 3.80 3.90 4.00

Time-->

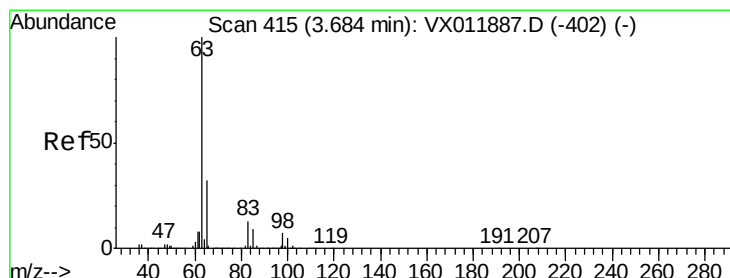
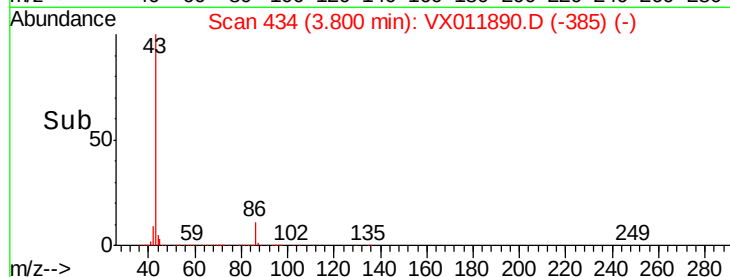
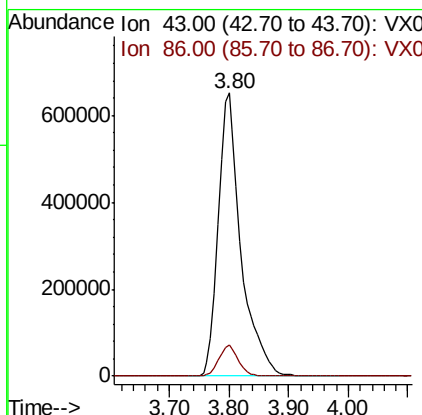
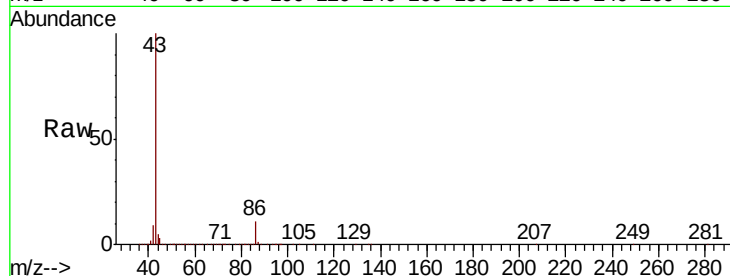




#23
 Vinyl Acetate
 Concen: 283.018 ug/l
 RT: 3.80 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

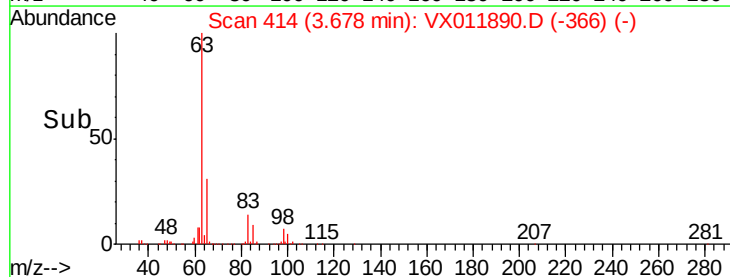
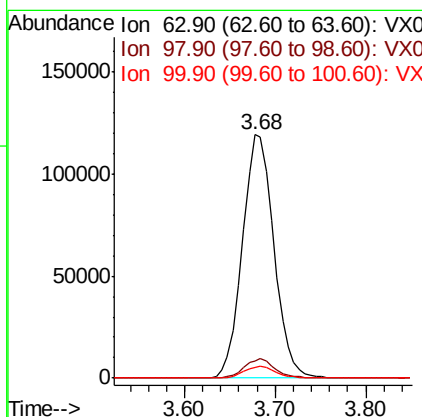
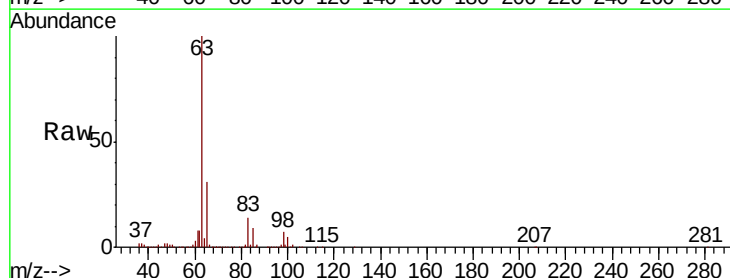
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

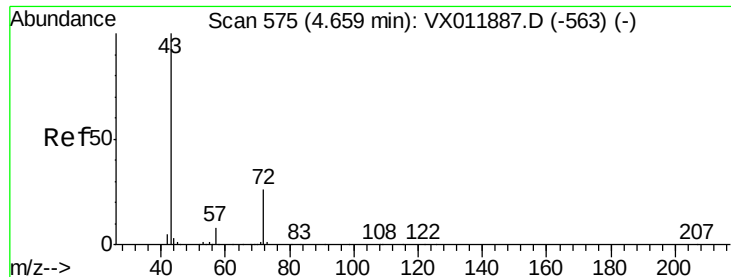
Tgt Ion: 43 Resp: 1725312
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 54.924 ug/l
 RT: 3.68 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 63 Resp: 287181
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.5 2.4 7.2

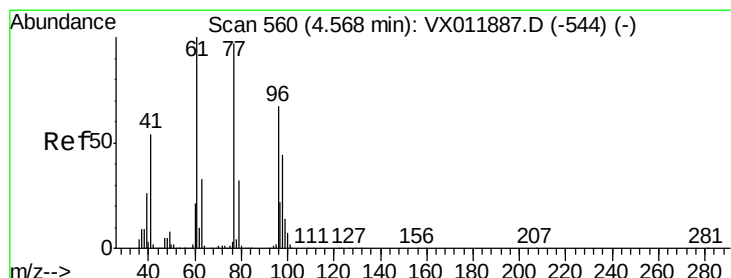
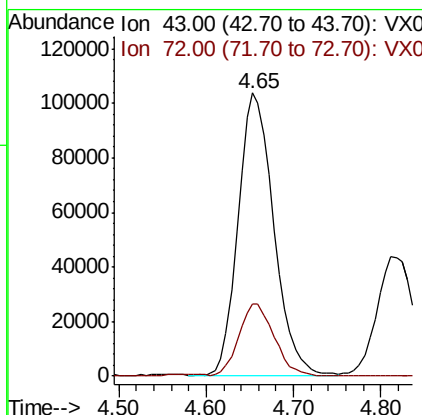
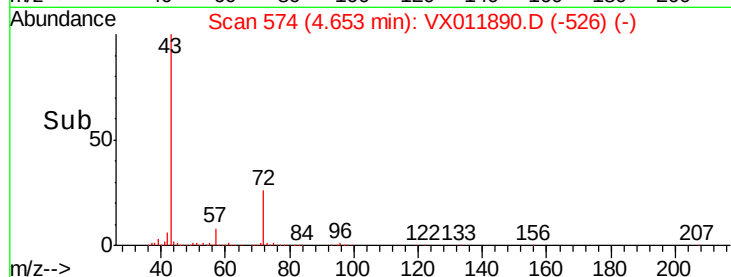
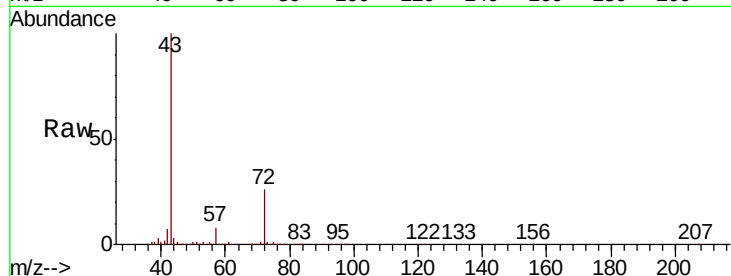




#25
2-Butanone
Concen: 275.722 ug/l
RT: 4.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

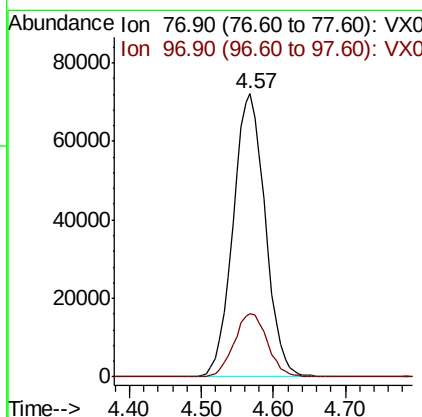
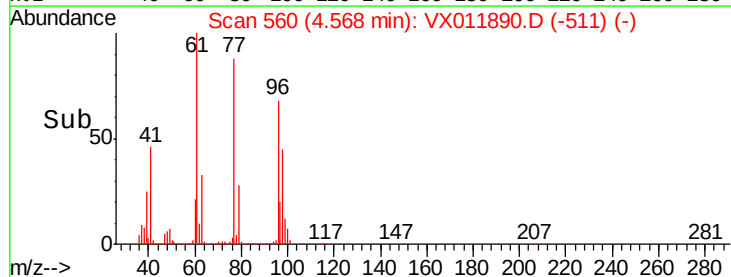
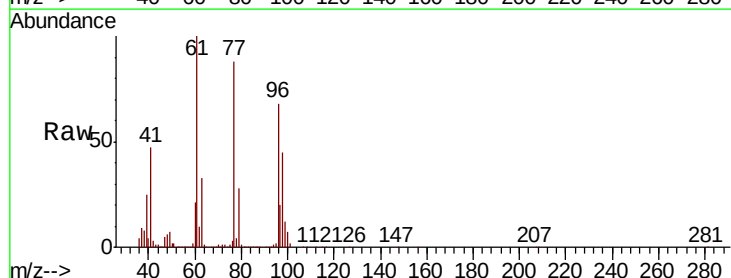
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

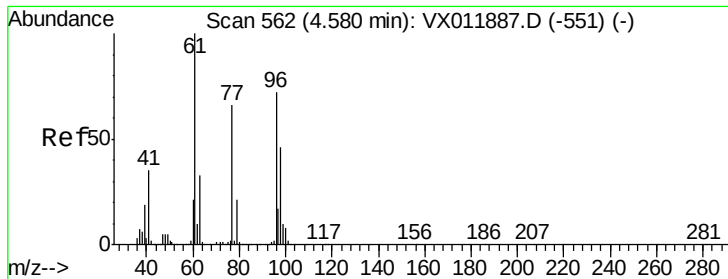
Tgt Ion: 43 Resp: 291834
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 50.766 ug/l
RT: 4.57 min Scan# 560
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 77 Resp: 222632
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1



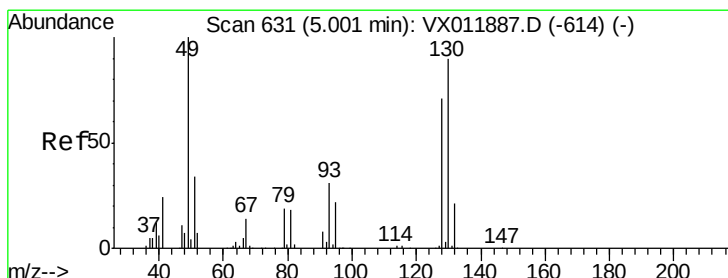
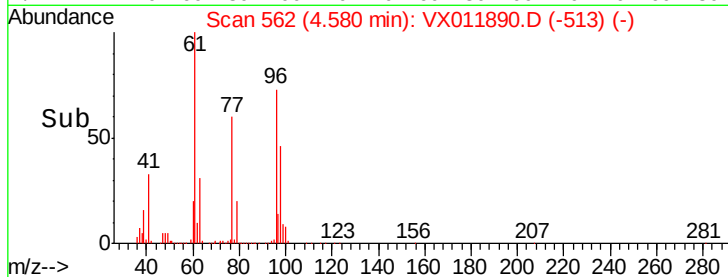
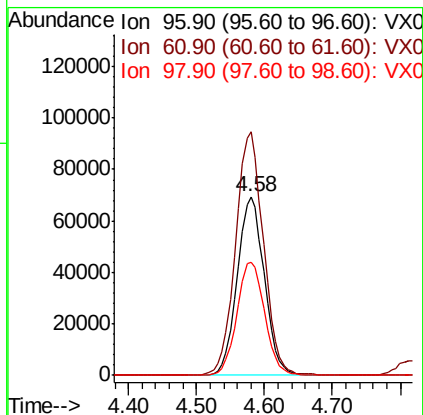
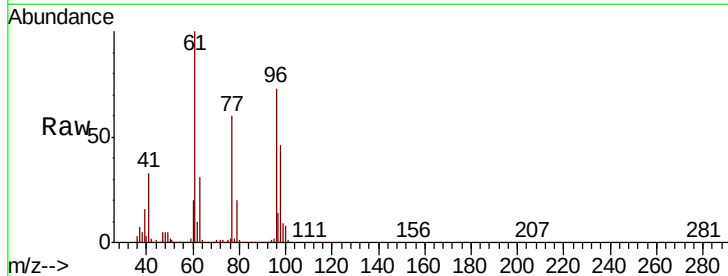


#27

cis-1,2-Dichloroethene
 Concen: 55.965 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

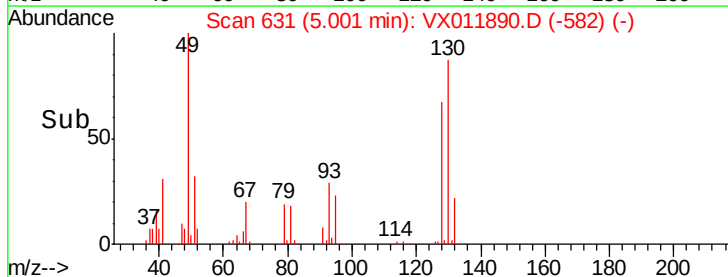
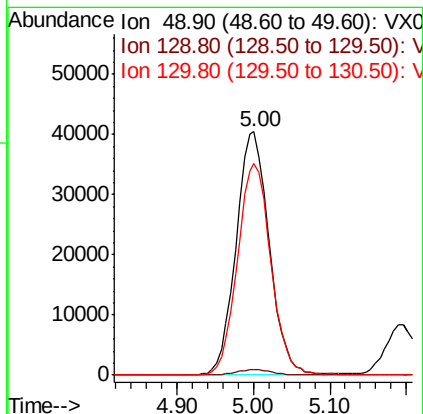
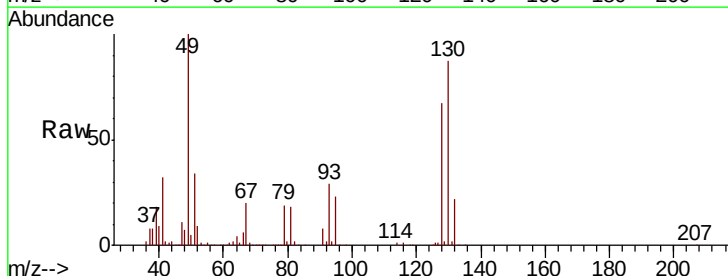
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	283.8
98	64.4	0.0	131.2

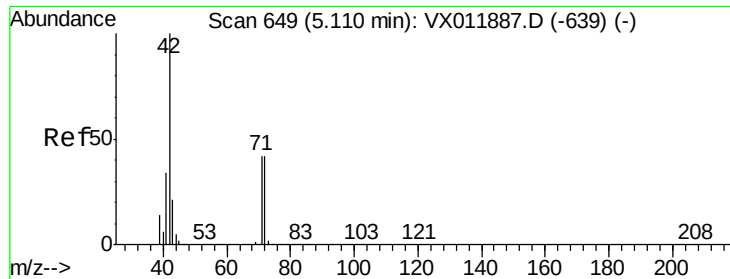


#28

Bromochloromethane
 Concen: 51.675 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	87.8	70.6	105.8





#29

Tetrahydrofuran

Concen: 281.245 ug/l

RT: 5.11 min Scan# 649

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

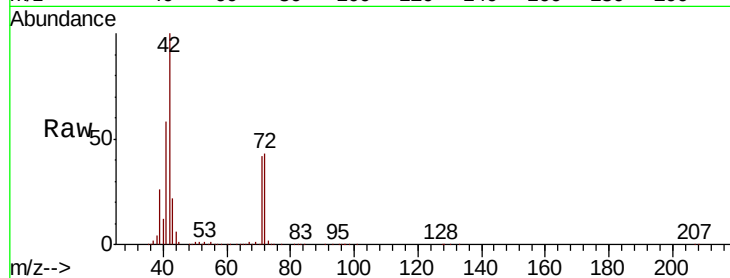
Tgt Ion: 42 Resp: 185801

Ion Ratio Lower Upper

42 100

72 45.4 36.2 54.4

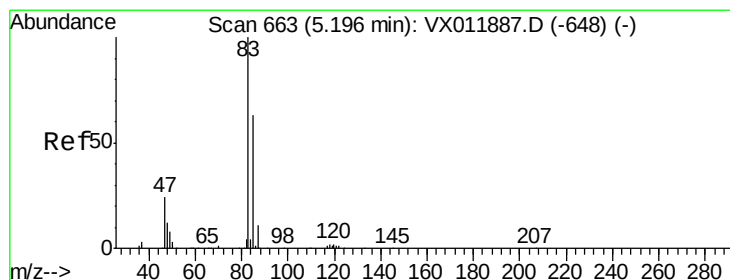
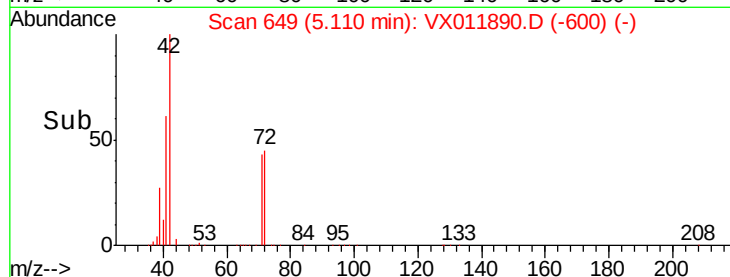
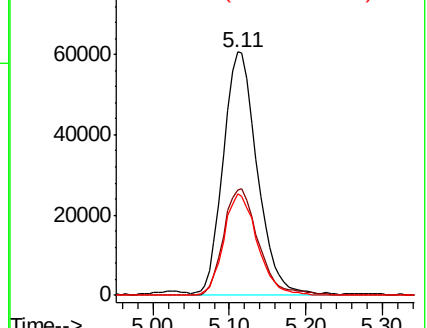
71 41.8 33.1 49.7



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: 54.775 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.00 min

Lab File: VX011890.D

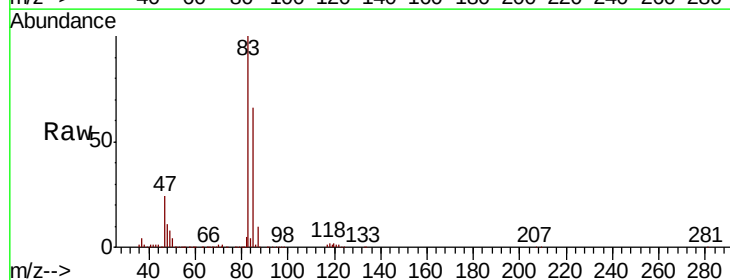
Acq: 30 Aug 2019 00:25

Tgt Ion: 83 Resp: 306231

Ion Ratio Lower Upper

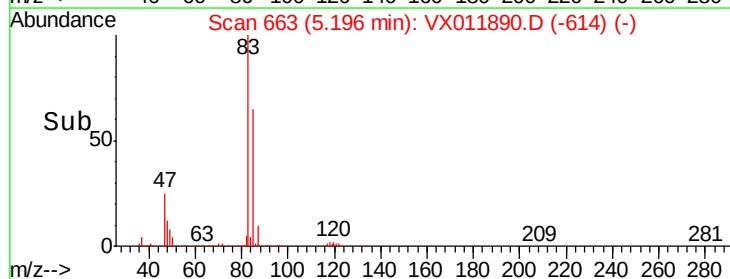
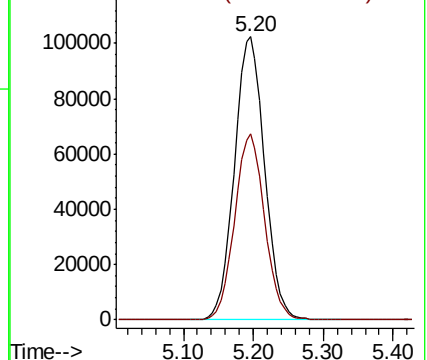
83 100

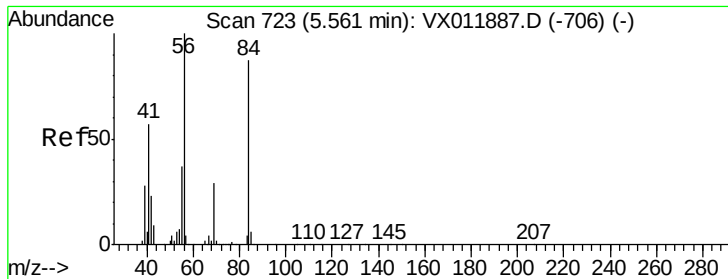
85 65.8 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

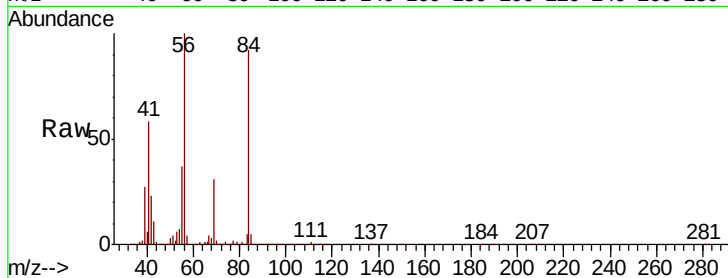




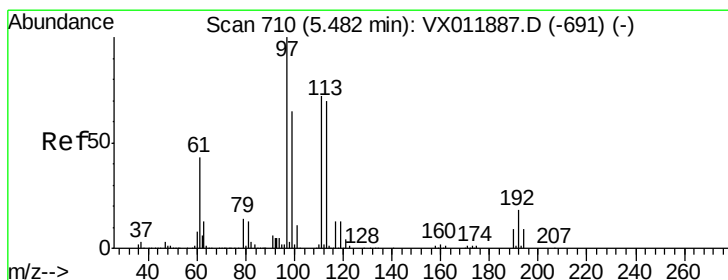
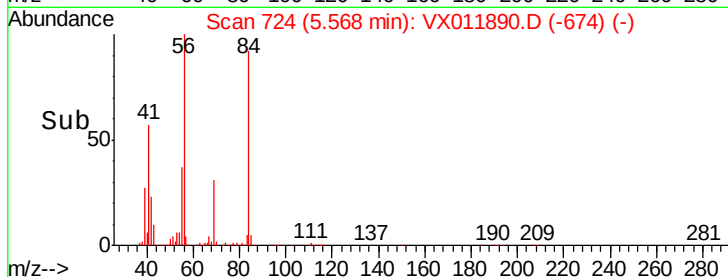
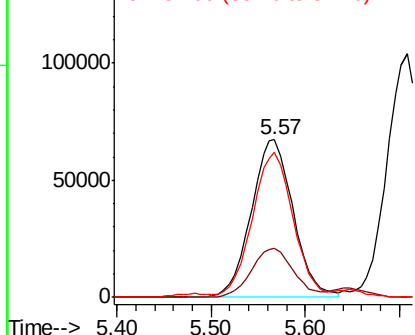
#31
Cyclohexane
Concen: 49.621 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tgt Ion: 56 Resp: 209274
Ion Ratio Lower Upper
56 100
69 31.0 23.1 34.7
84 90.1 69.6 104.4

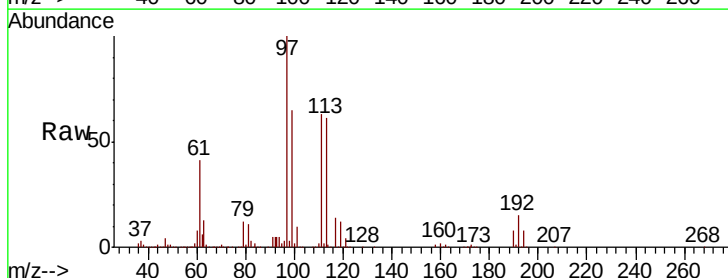


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

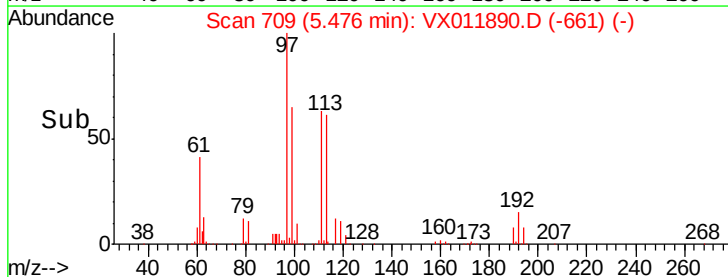
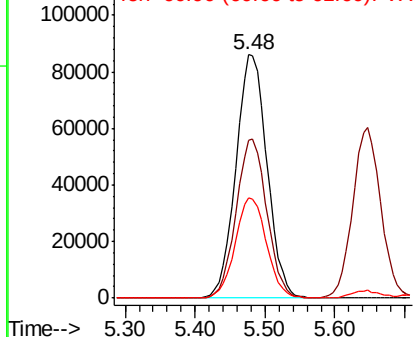


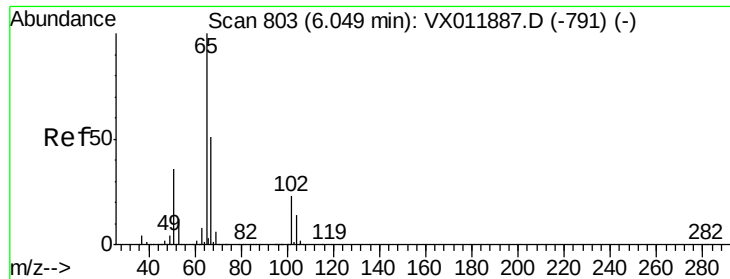
#32
1,1,1-Trichloroethane
Concen: 53.442 ug/l
RT: 5.48 min Scan# 709
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 97 Resp: 265403
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 41.6 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

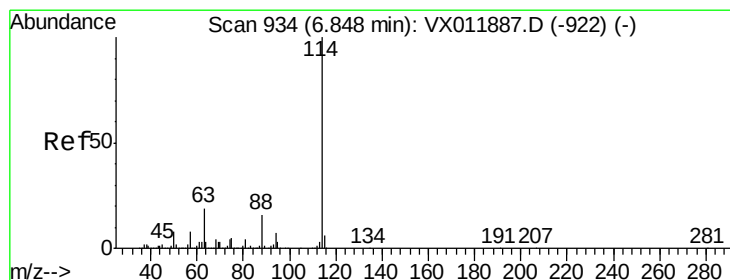
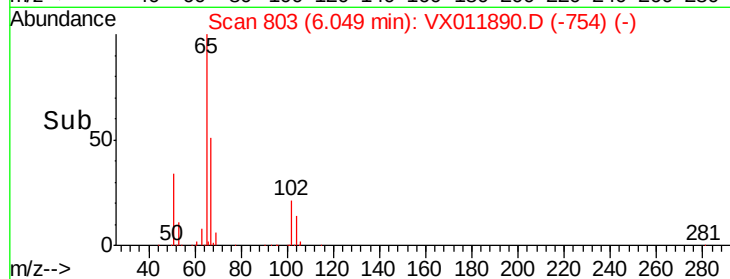
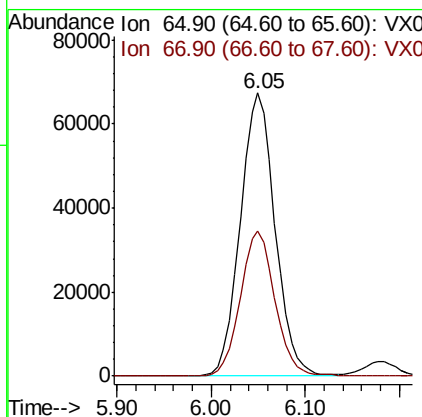
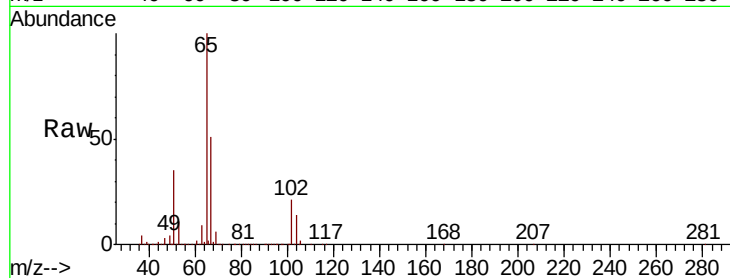




#33
 1,2-Dichloroethane-d4
 Concen: 51.390 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

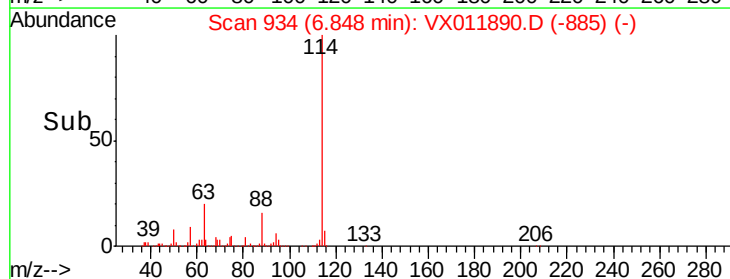
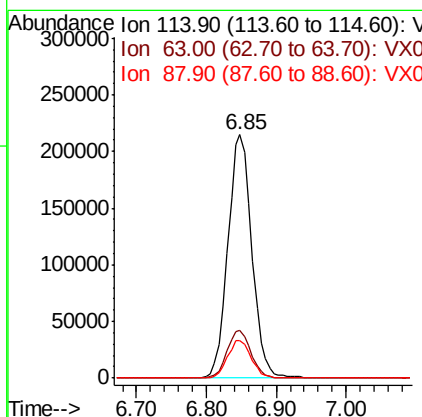
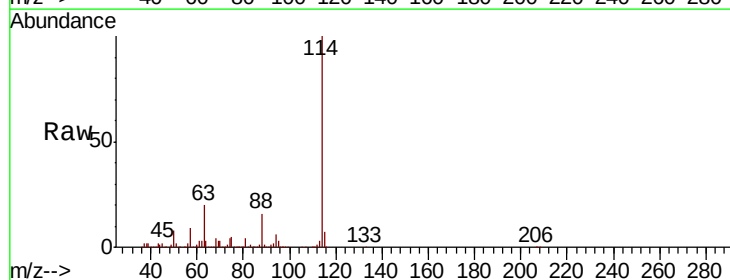
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

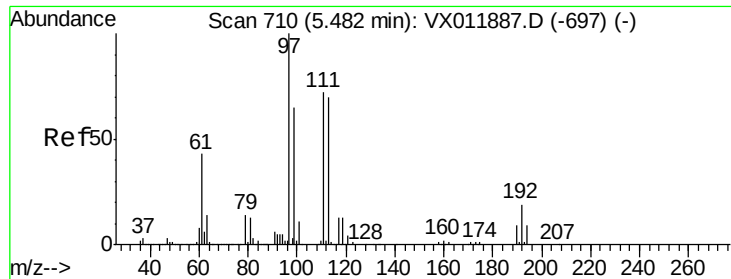
Tgt Ion: 65 Resp: 173575
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 114 Resp: 509933
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 15.6 0.0 31.2

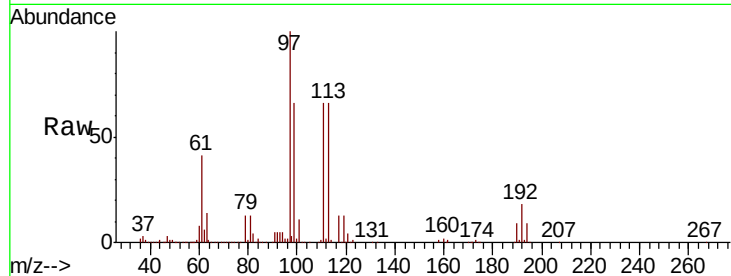




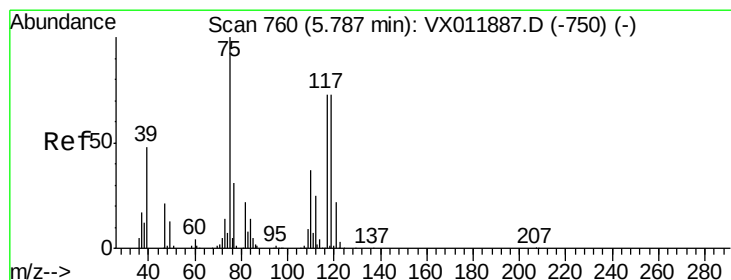
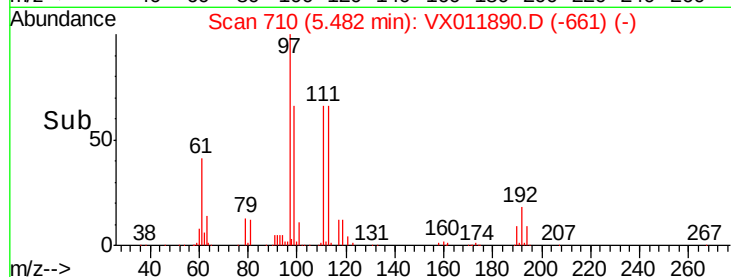
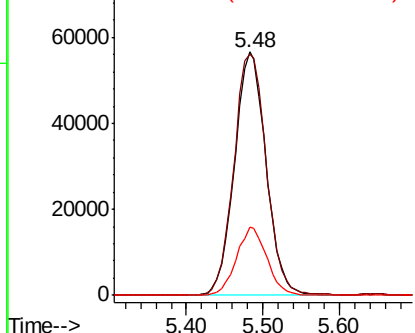
#35
 Dibromofluoromethane
 Concen: 49.431 ug/l
 RT: 5.48 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tgt Ion: 113 Resp: 161634
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 27.1 21.5 32.3

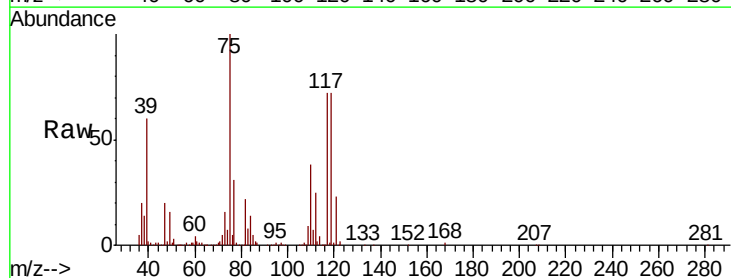


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

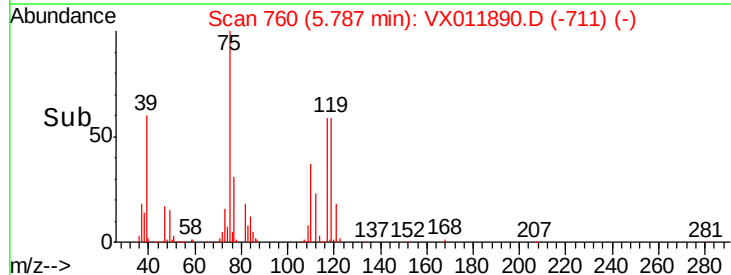
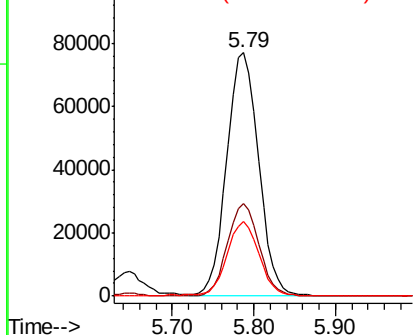


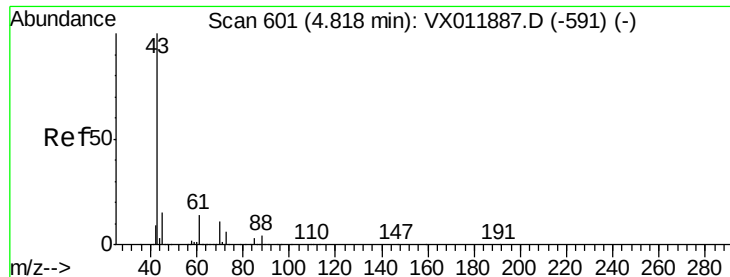
#36
 1,1-Dichloropropene
 Concen: 51.411 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 75 Resp: 207694
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.3
 77 30.2 24.4 36.6



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

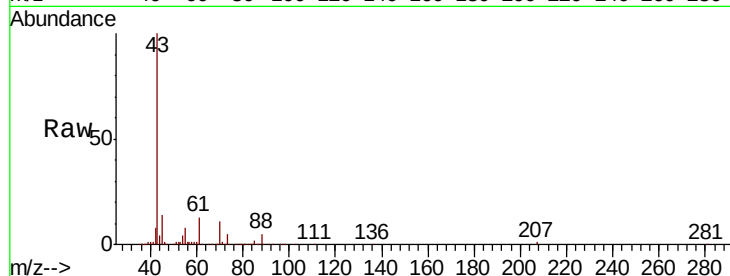




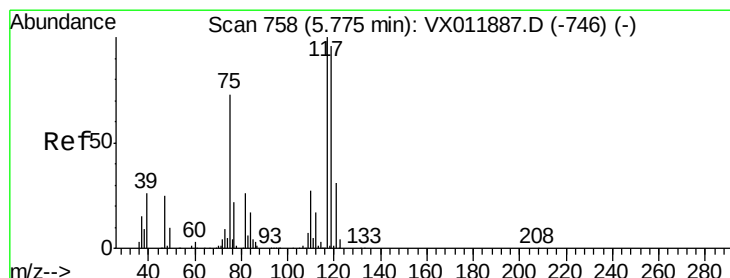
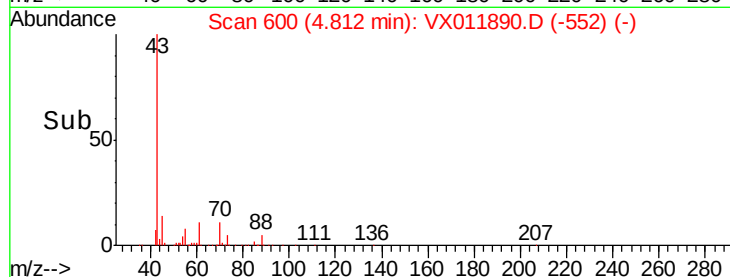
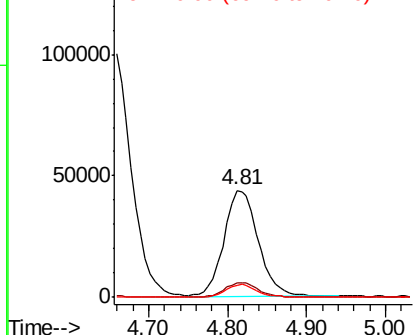
#37
Ethyl Acetate
Concen: 55.139 ug/l
RT: 4.81 min Scan# 600
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tgt Ion: 43 Resp: 131858
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.4
70 11.2 9.2 13.8

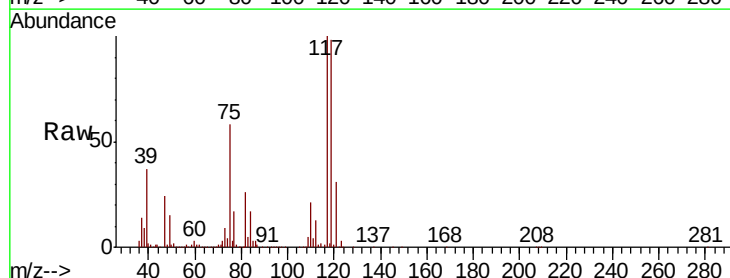


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

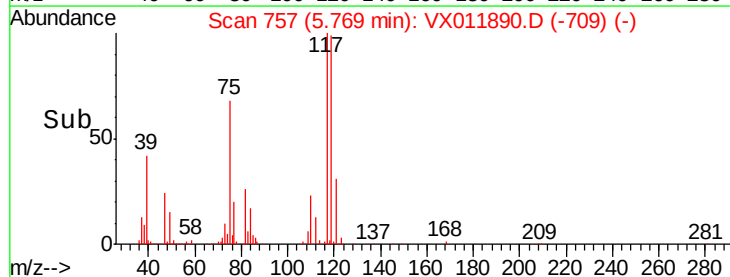
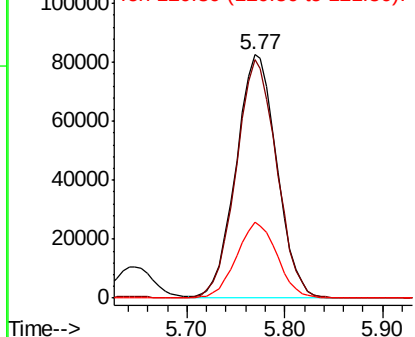


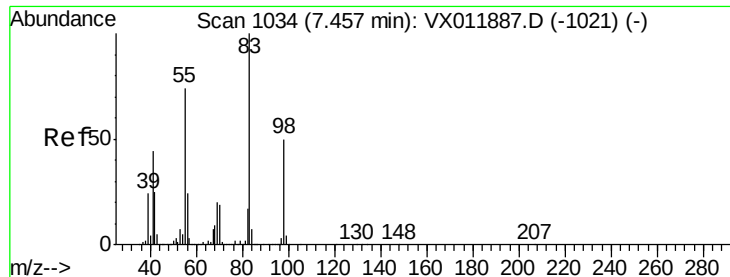
#38
Carbon Tetrachloride
Concen: 51.042 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 117 Resp: 239149
Ion Ratio Lower Upper
117 100
119 97.9 76.6 114.8
121 31.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

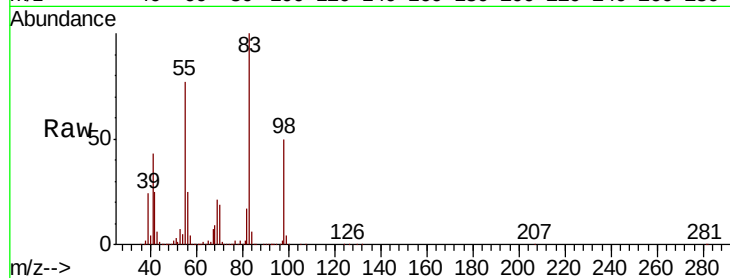




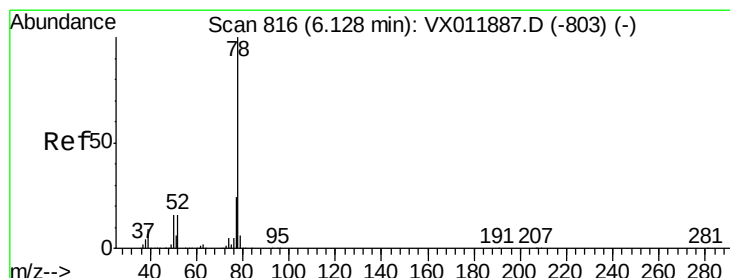
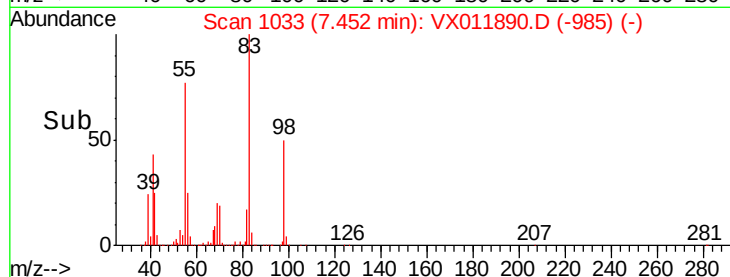
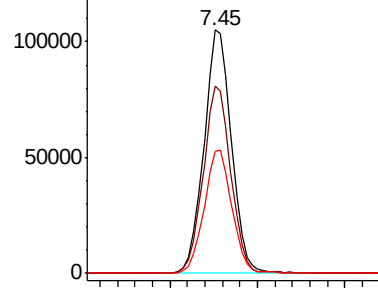
#39
Methylcyclohexane
Concen: 47.670 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tgt Ion: 83 Resp: 229389
Ion Ratio Lower Upper
83 100
55 76.6 59.4 89.0
98 50.3 40.3 60.5

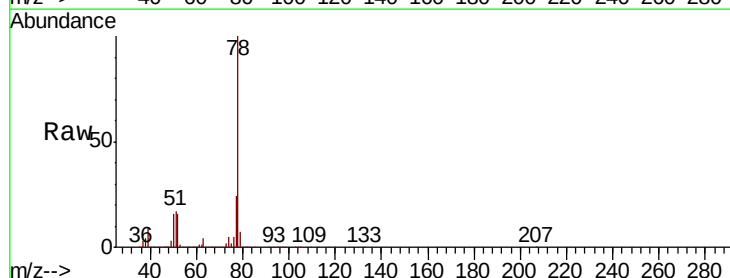


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

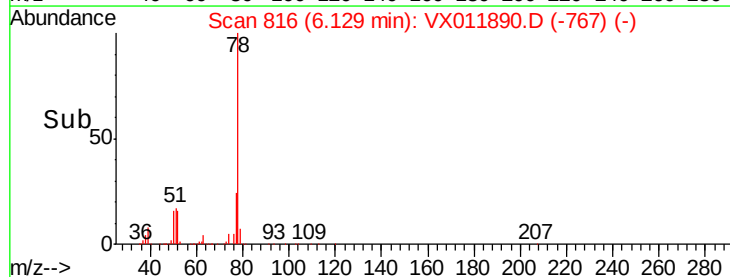
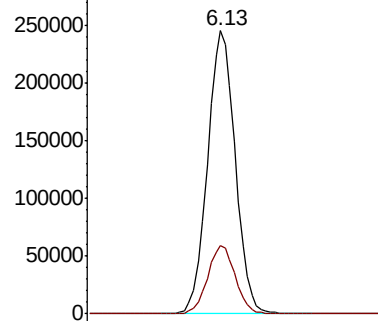


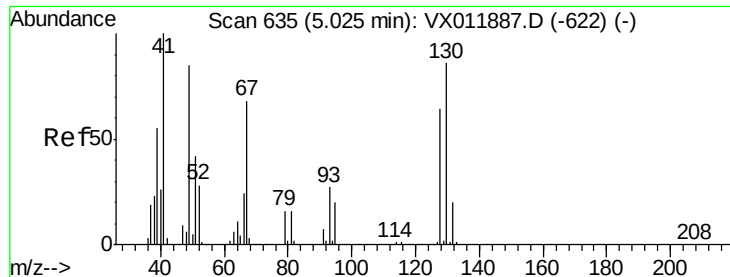
#40
Benzene
Concen: 52.984 ug/l
RT: 6.13 min Scan# 816
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 78 Resp: 638931
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



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





#41

Methacrylonitrile

Concen: 54.849 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tgt Ion: 41 Resp: 77229

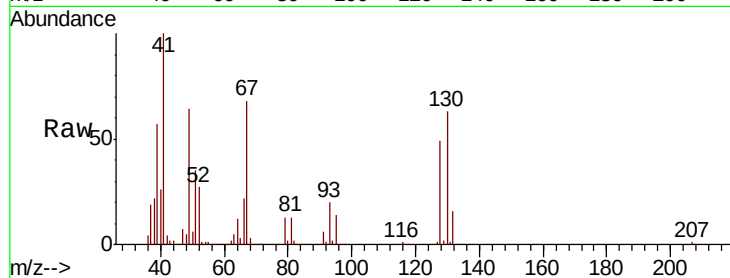
Ion Ratio Lower Upper

41 100

39 57.0 45.0 67.6

67 69.9 55.0 82.4

52 29.0 24.1 36.1

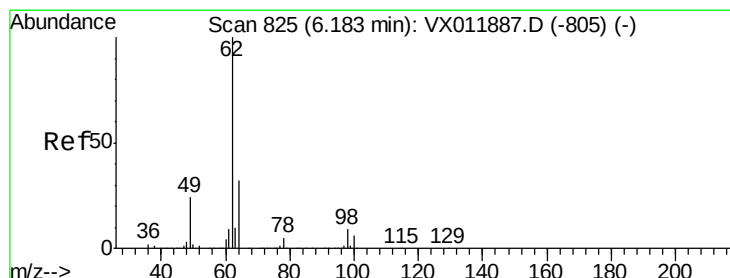
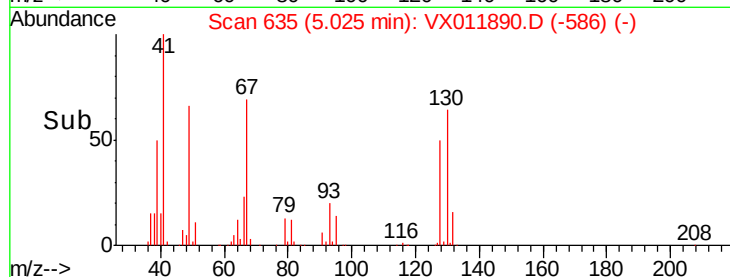
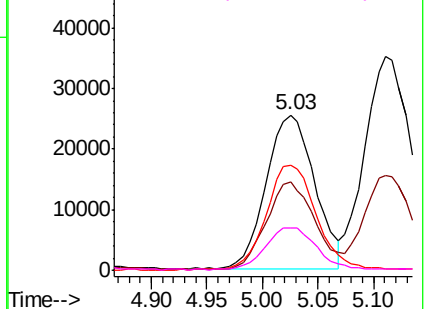


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.917 ug/l

RT: 6.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX011890.D

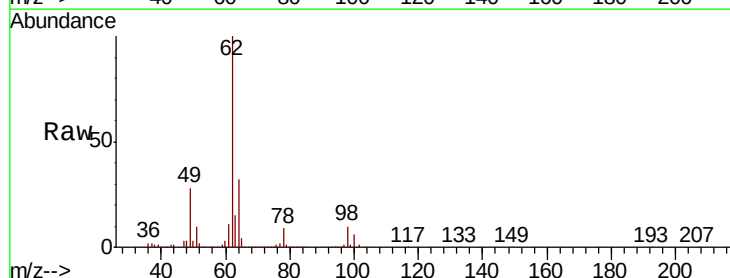
Acq: 30 Aug 2019 00:25

Tgt Ion: 62 Resp: 221106

Ion Ratio Lower Upper

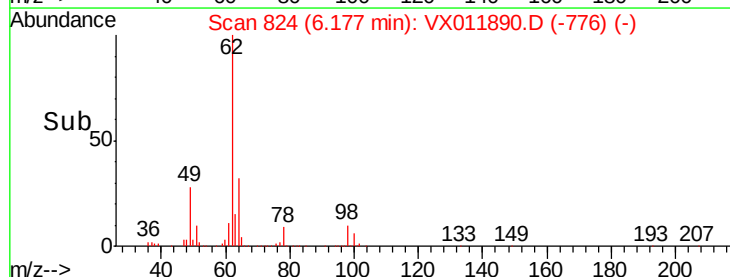
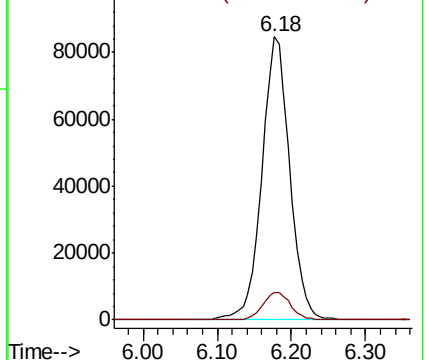
62 100

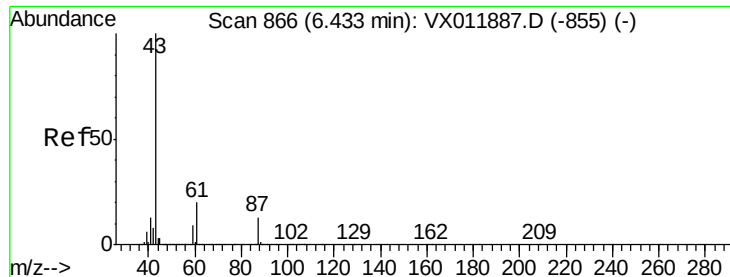
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



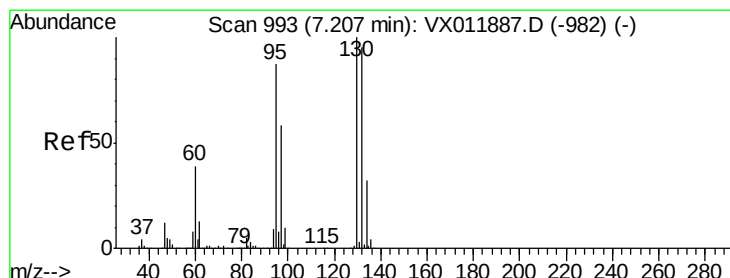
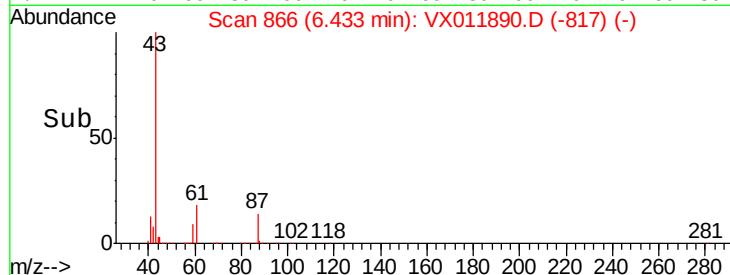
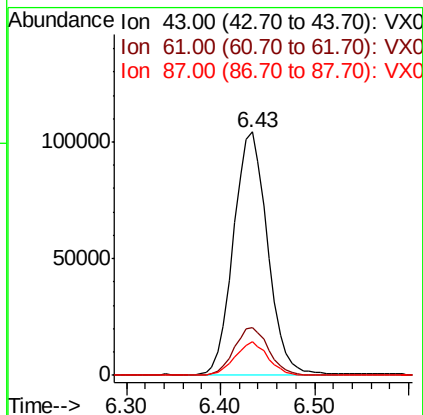
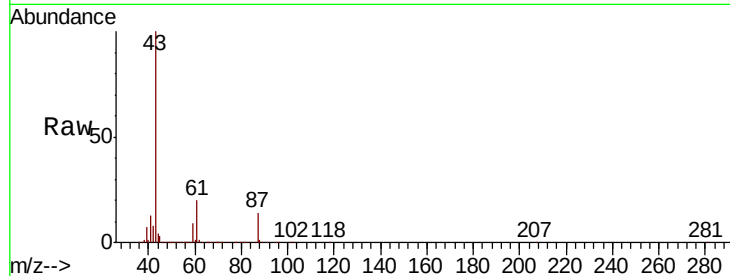


#43

Isopropyl Acetate
 Concen: 54.067 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

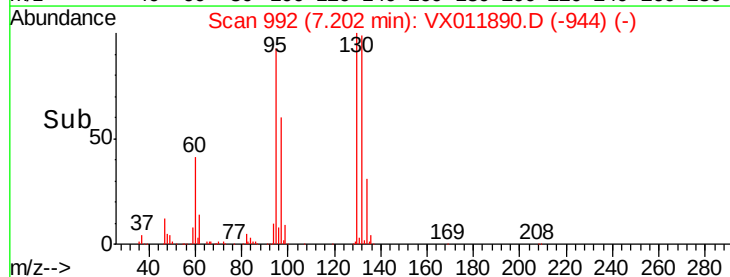
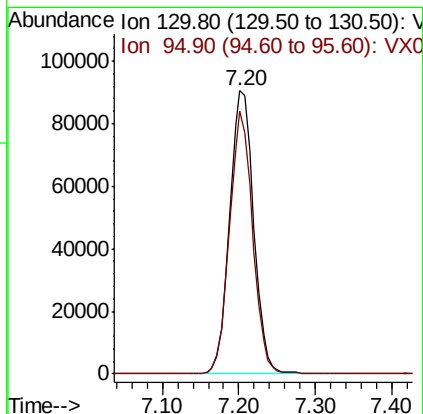
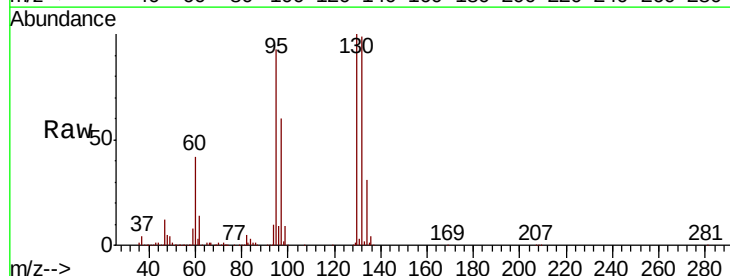
Tgt Ion: 43 Resp: 262140
 Ion Ratio Lower Upper
 43 100
 61 19.9 16.1 24.1
 87 13.6 10.6 16.0

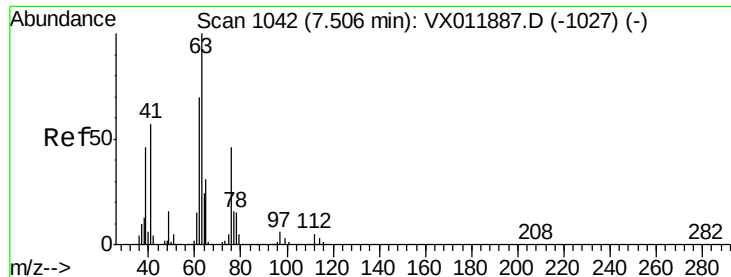


#44

Trichloroethene
 Concen: 52.635 ug/l
 RT: 7.20 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 130 Resp: 196386
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 174.6

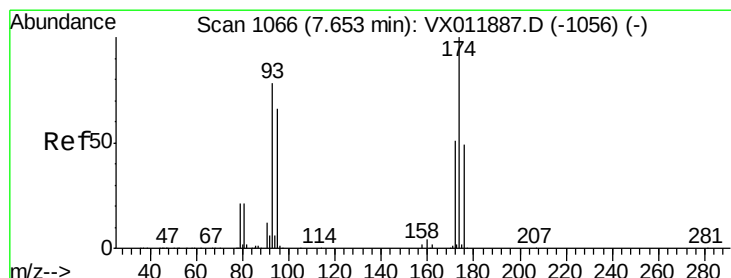
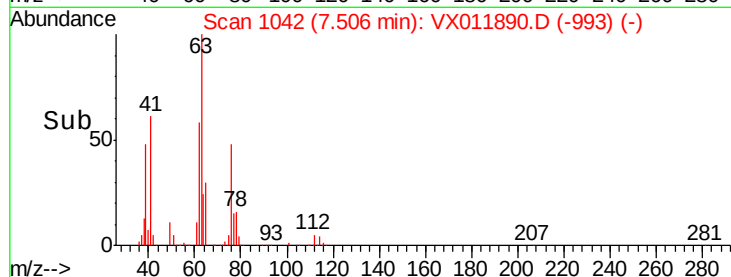
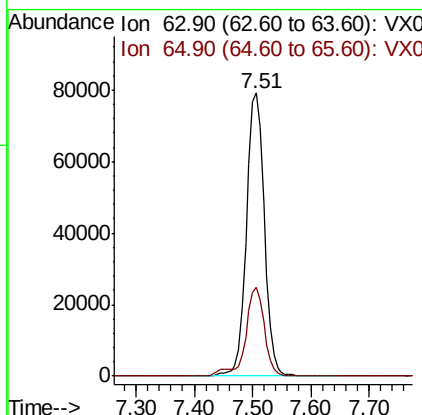
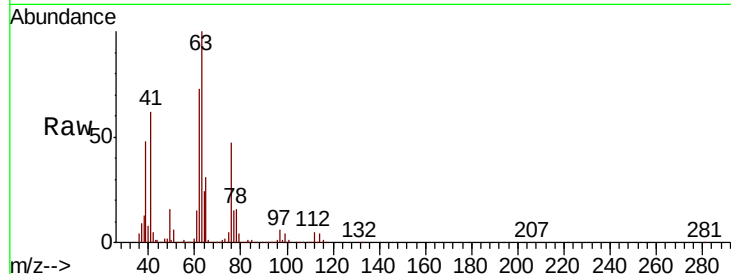




#45
 1,2-Dichloropropane
 Concen: 53.309 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

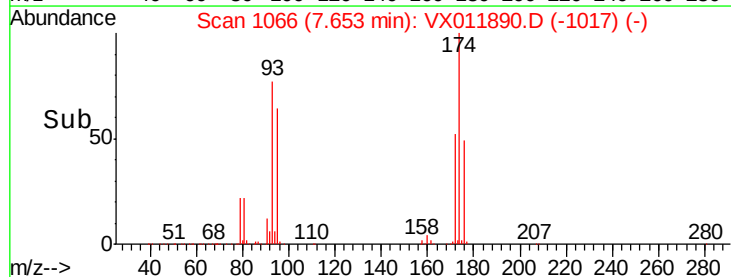
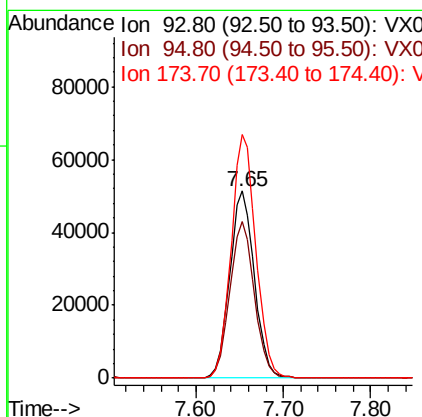
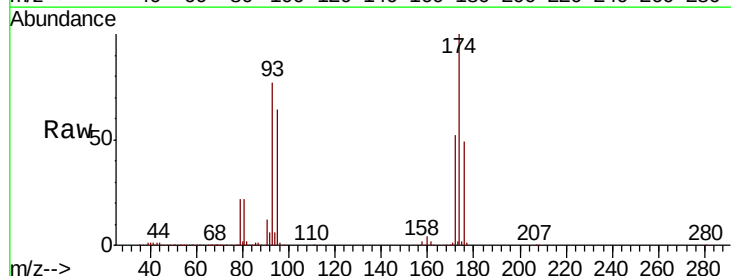
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

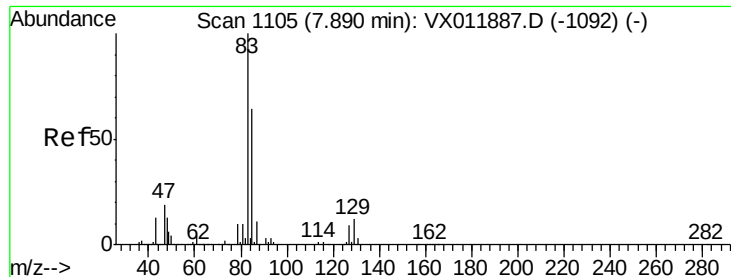
Tgt Ion: 63 Resp: 168153
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 54.082 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 93 Resp: 101242
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.7 98.5
 174 129.6 104.2 156.4





#47

Bromodichloromethane

Concen: 53.555 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

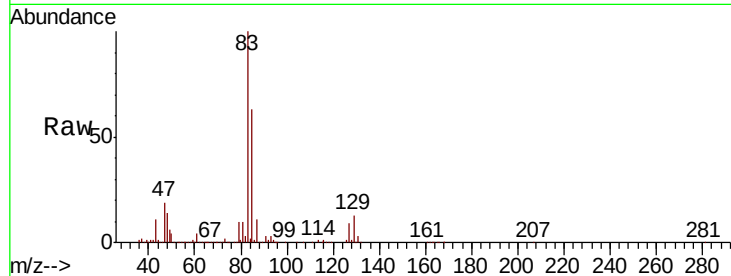
Tgt Ion: 83 Resp: 248606

Ion Ratio Lower Upper

83 100

85 63.1 51.1 76.7

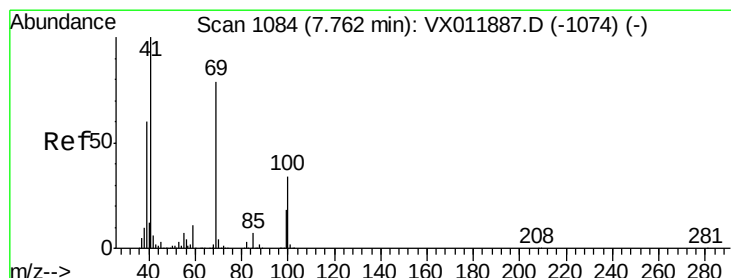
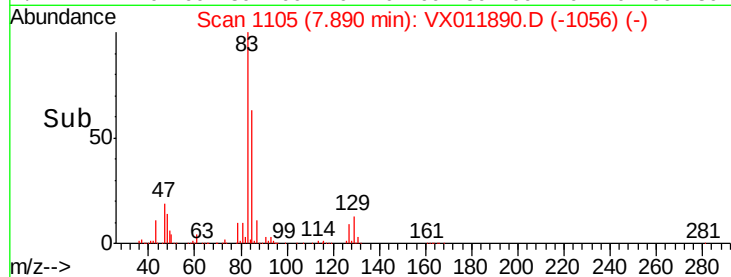
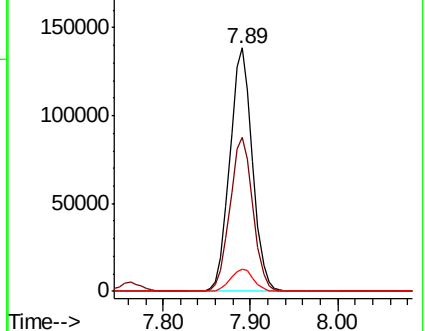
127 9.3 7.4 11.2



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: 54.808 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

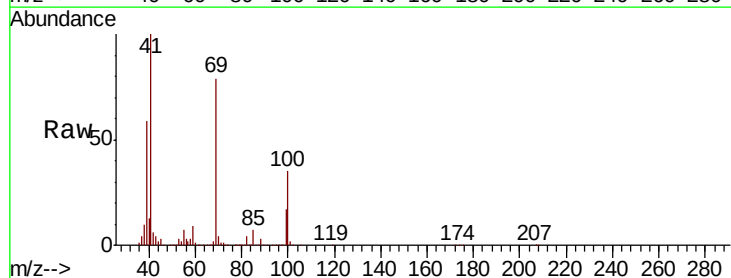
Tgt Ion: 41 Resp: 129295

Ion Ratio Lower Upper

41 100

69 79.9 64.4 96.6

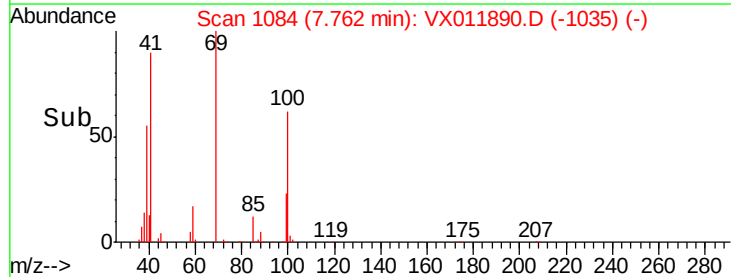
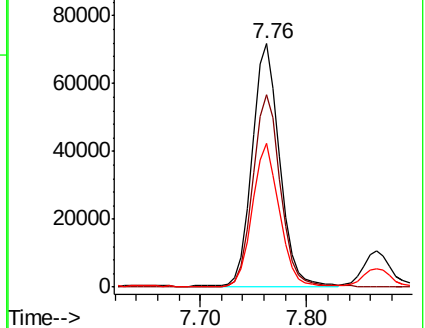
39 57.8 47.2 70.8

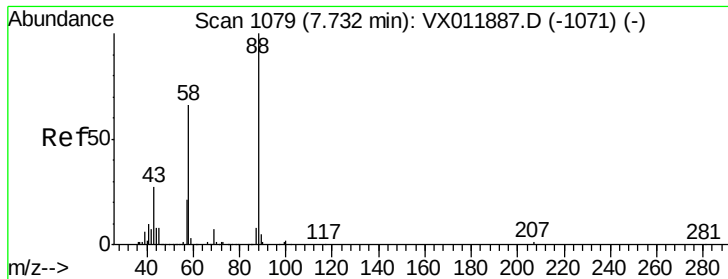


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

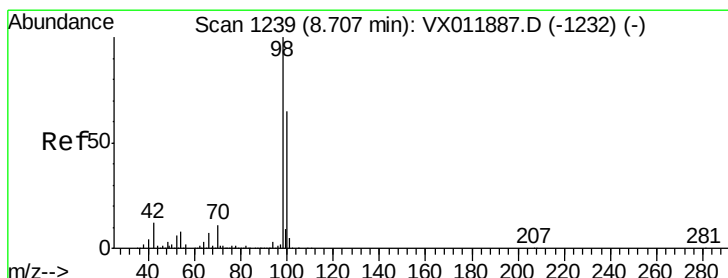
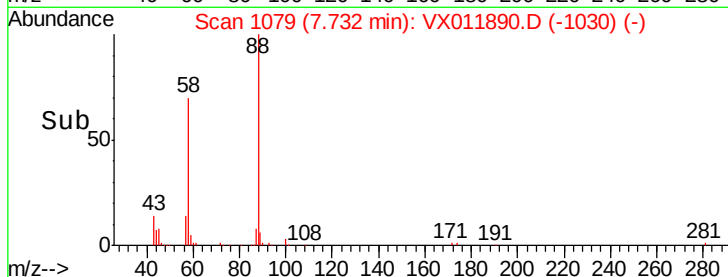
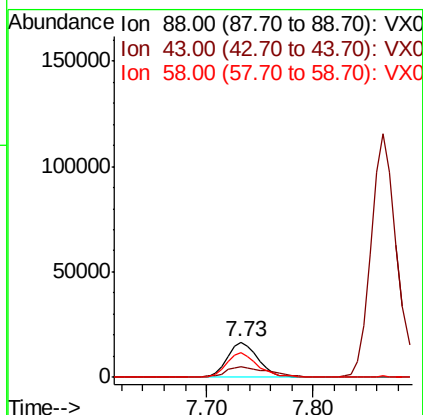
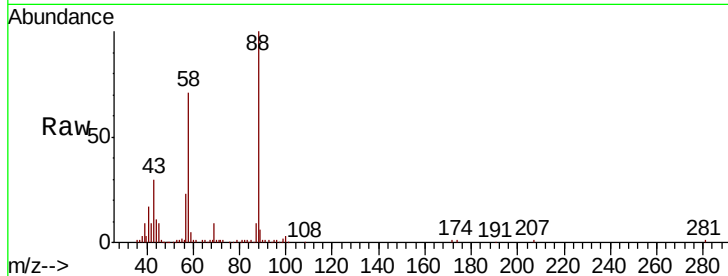




#49
1,4-Dioxane
Concen: 1049.233 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

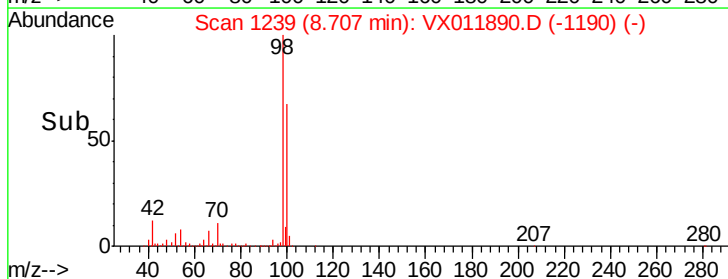
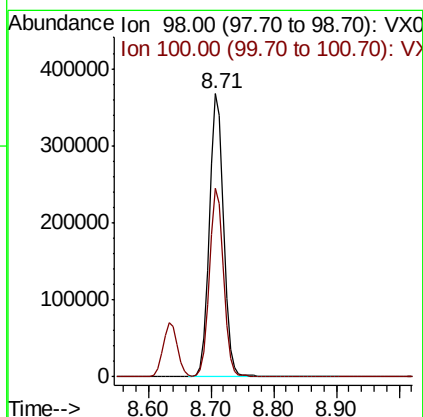
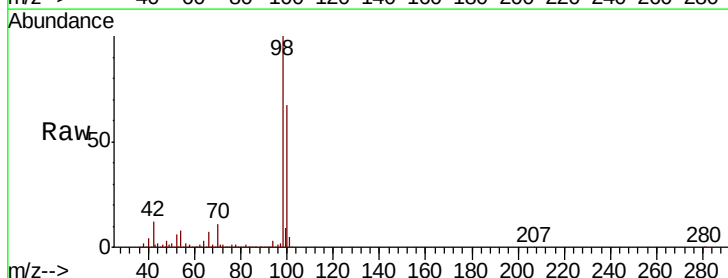
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

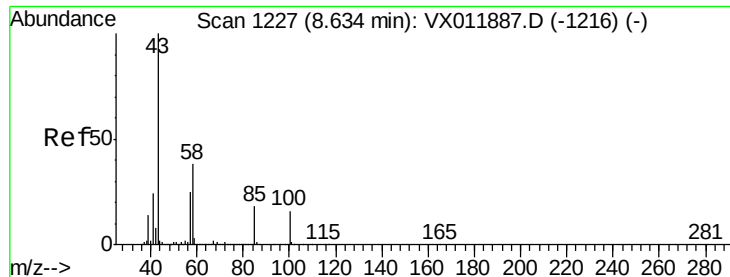
Tgt Ion: 88 Resp: 34037
Ion Ratio Lower Upper
88 100
43 37.2 27.3 40.9
58 68.8 53.9 80.9



#50
Toluene-d8
Concen: 49.354 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 98 Resp: 576894
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

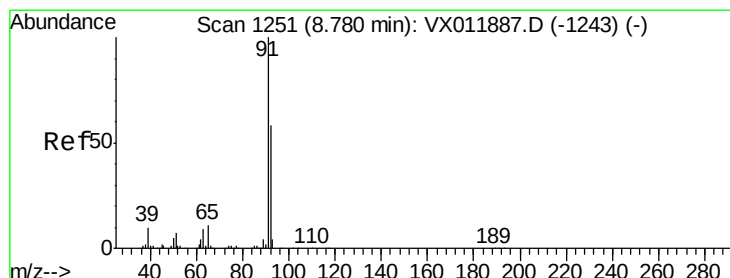
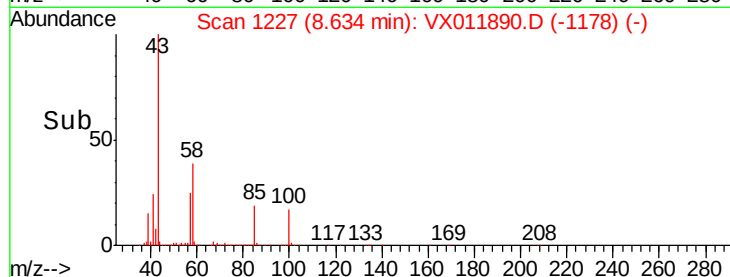
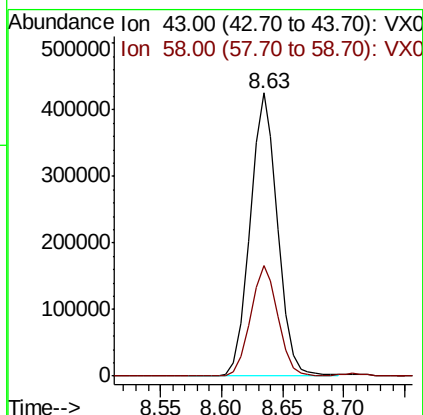
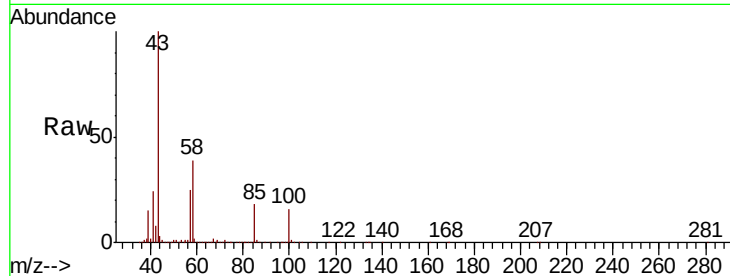




#51
 4-Methyl-2-Pentanone
 Concen: 268.728 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

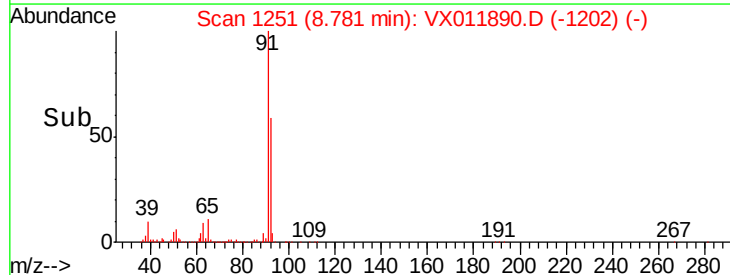
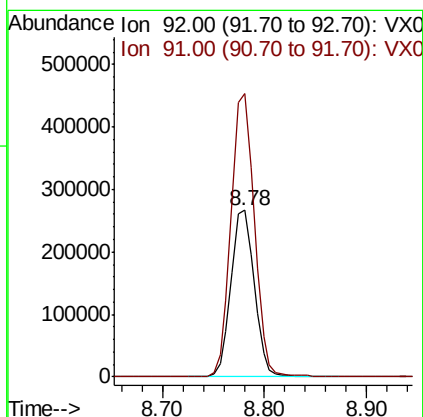
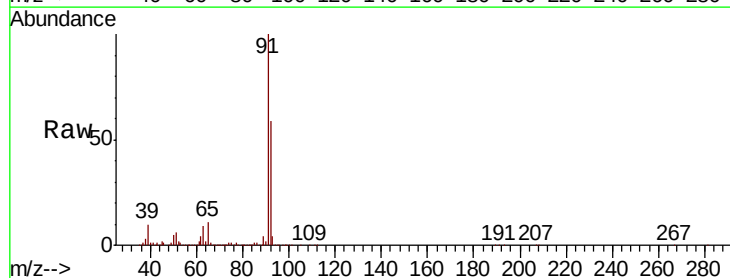
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

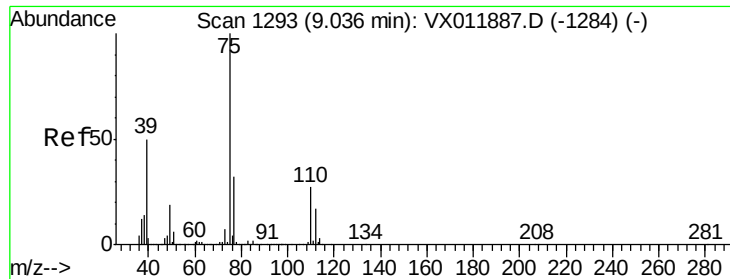
Tgt Ion: 43 Resp: 661883
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.9 46.3



#52
 Toluene
 Concen: 52.904 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 92 Resp: 422058
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 53.599 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

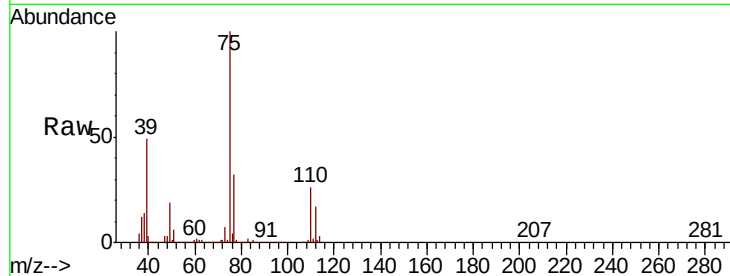
ICVVX082919

Tgt Ion: 75 Resp: 254862

Ion Ratio Lower Upper

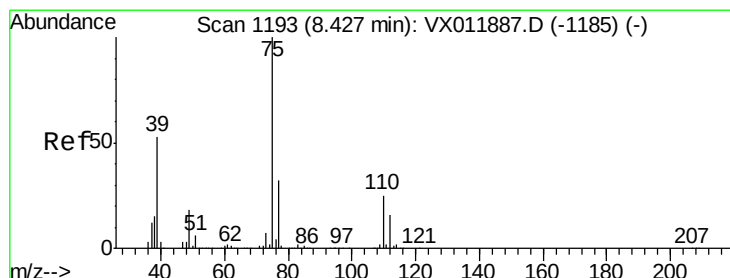
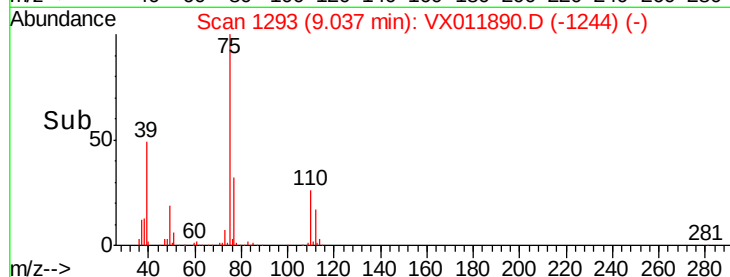
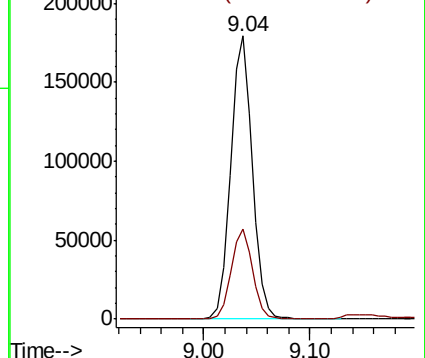
75 100

77 31.6 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.310 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

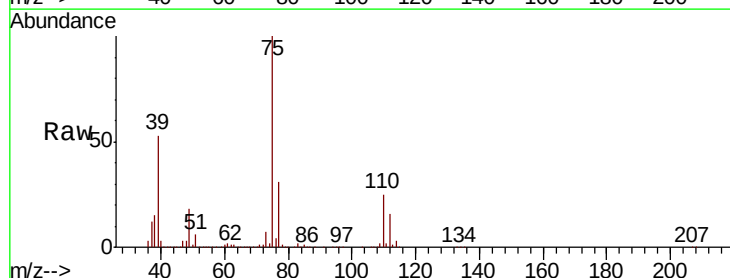
Tgt Ion: 75 Resp: 284552

Ion Ratio Lower Upper

75 100

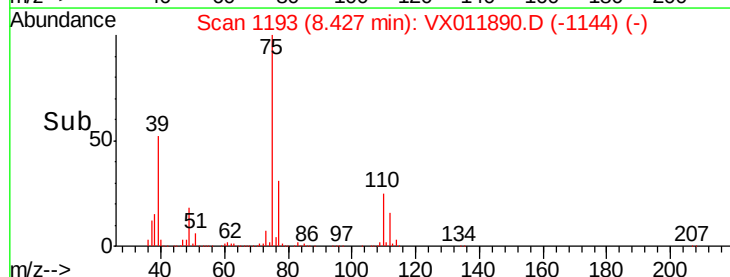
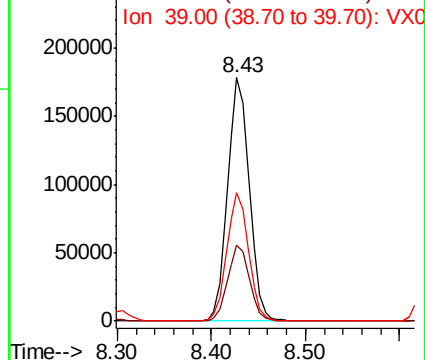
77 30.9 25.5 38.3

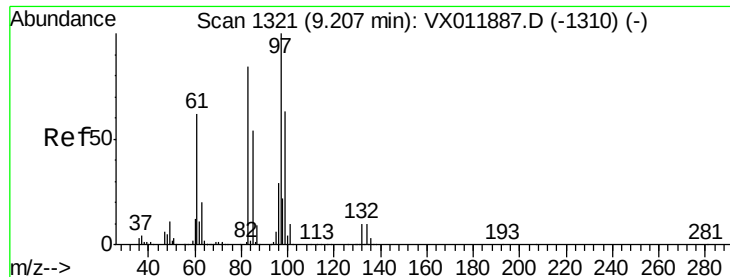
39 52.5 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

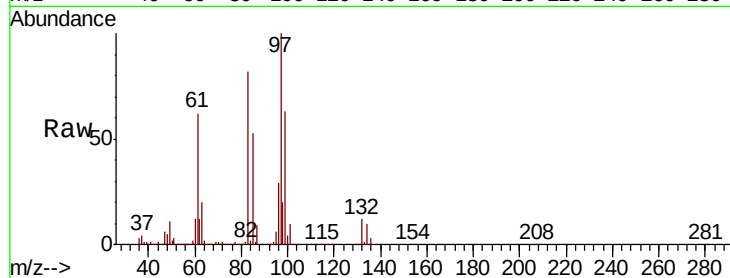




#55
 1,1,2-Trichloroethane
 Concen: 53.485 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tgt Ion:	97	Resp:	146579
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.8	100.2
85	52.8	43.5	65.3
99	62.9	50.6	75.8



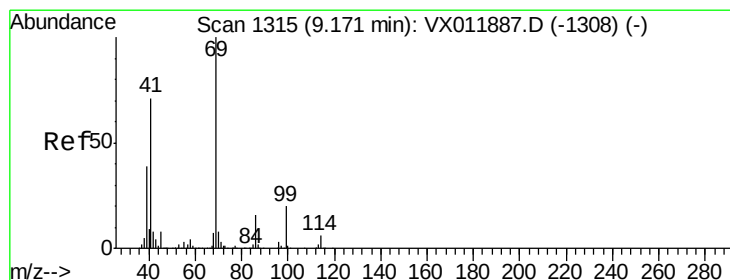
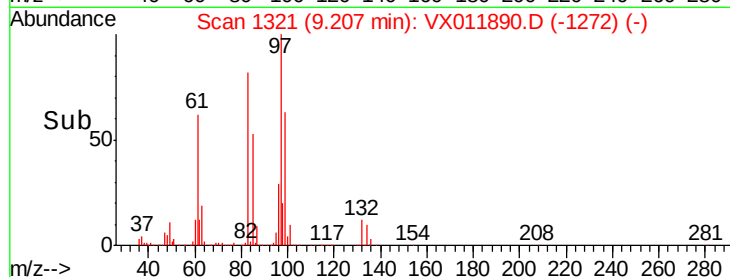
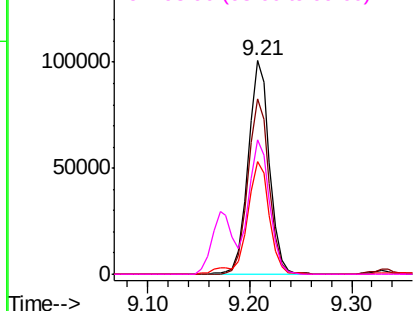
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

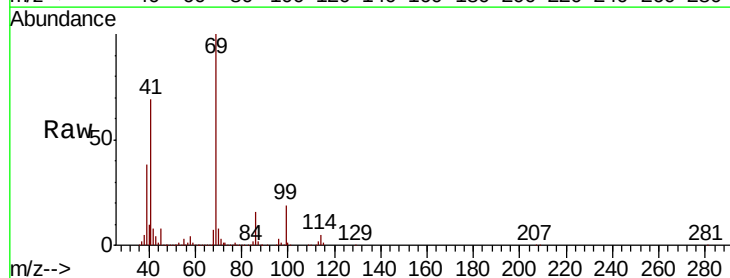
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.087 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion:	69	Resp:	205727
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.8	83.8
39	39.1	31.1	46.7

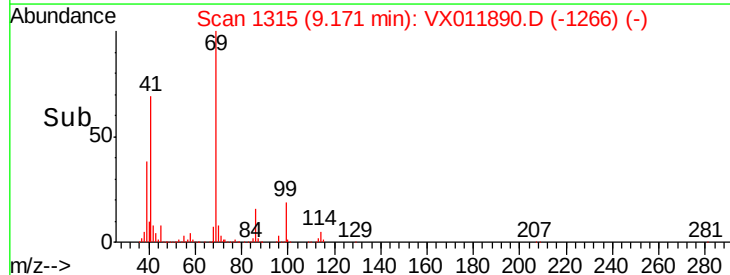
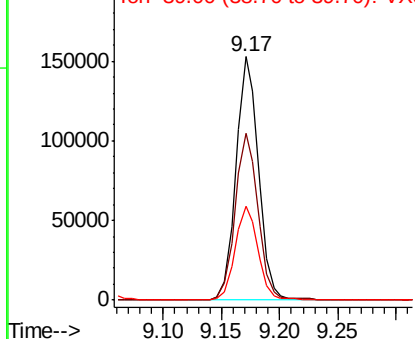


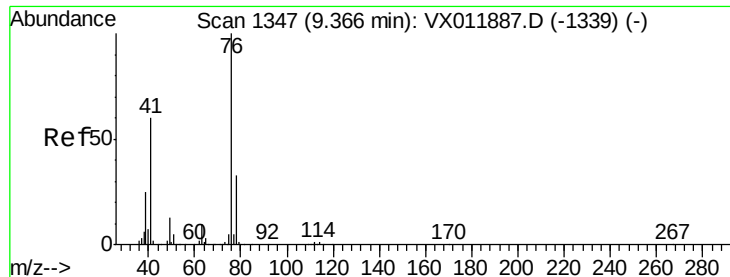
Abundance

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: 53.505 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

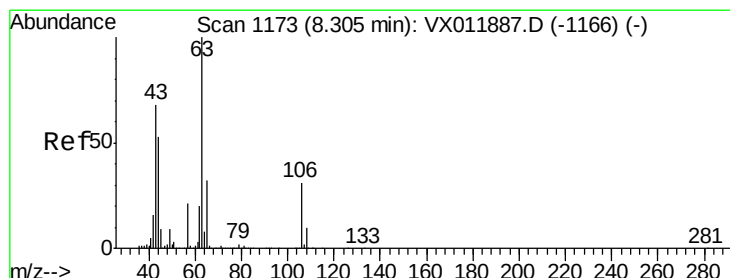
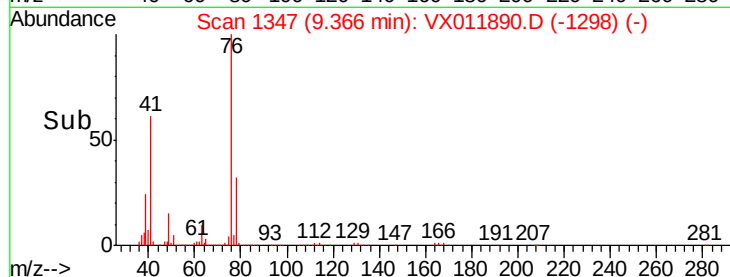
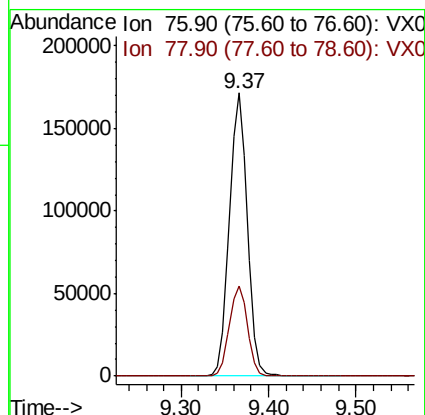
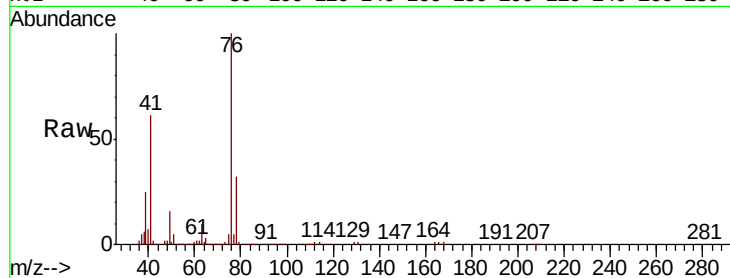
ICVVX082919

Tgt Ion: 76 Resp: 243383

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.831 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011890.D

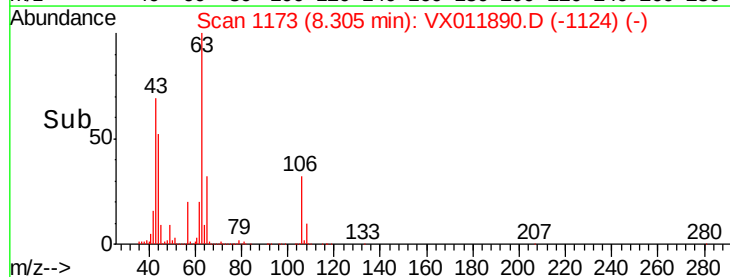
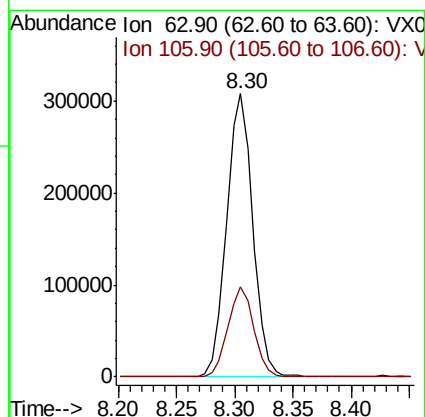
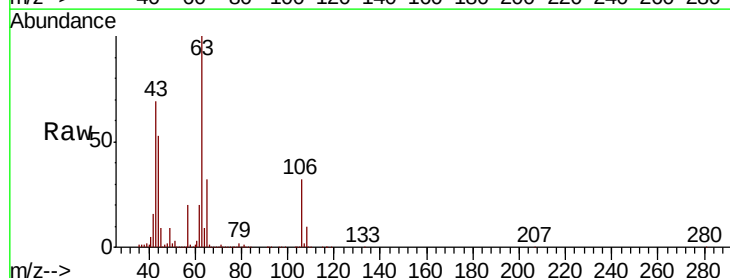
Acq: 30 Aug 2019 00:25

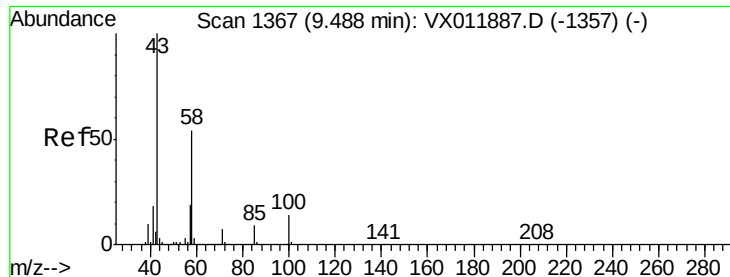
Tgt Ion: 63 Resp: 477962

Ion Ratio Lower Upper

63 100

106 31.5 24.8 37.2

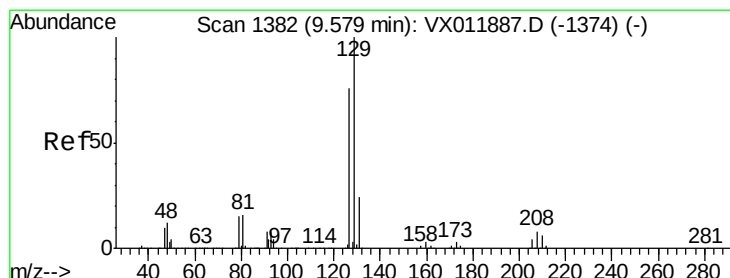
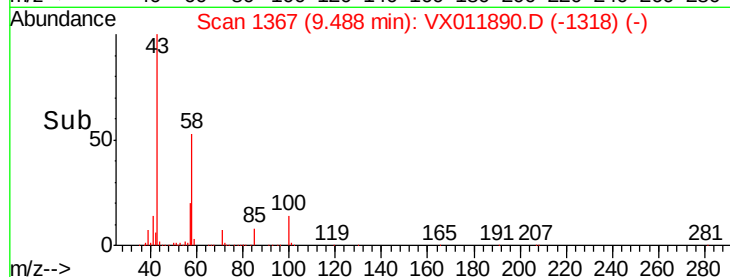
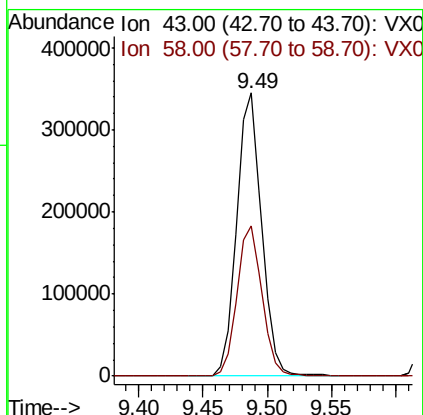
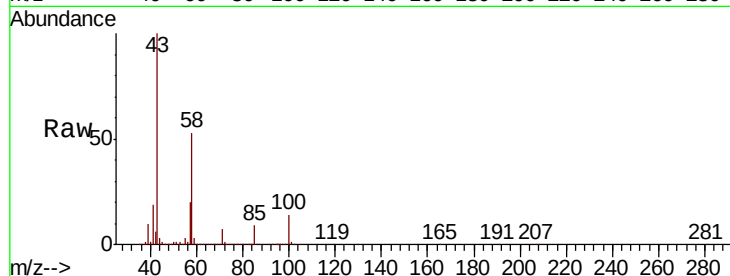




#59
2-Hexanone
Concen: 264.844 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

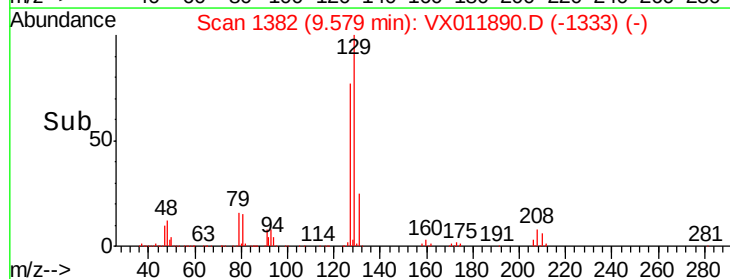
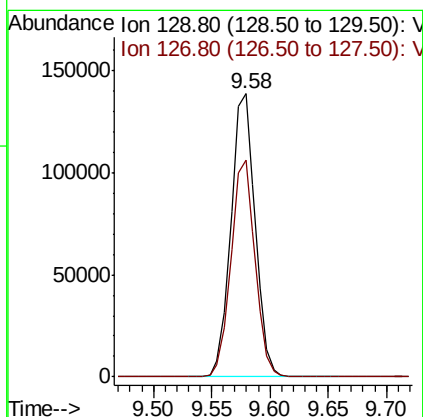
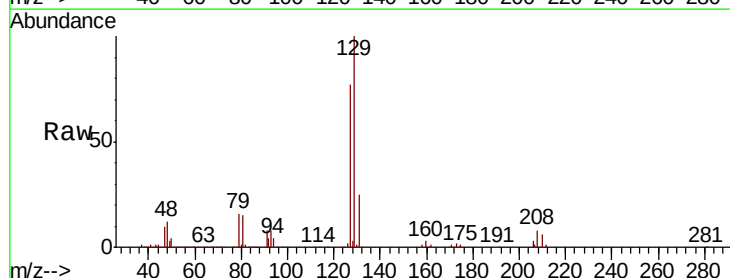
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

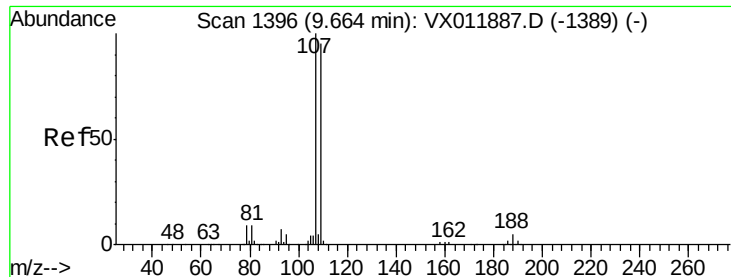
Tgt Ion: 43 Resp: 463365
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.4



#60
Dibromochloromethane
Concen: 54.639 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 129 Resp: 201119
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 54.222 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

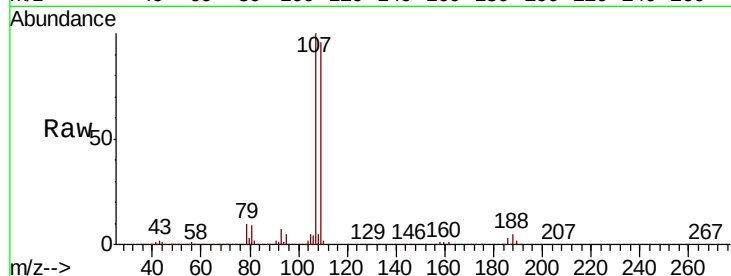
ICVVX082919

Tgt Ion: 107 Resp: 147329

Ion Ratio Lower Upper

107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

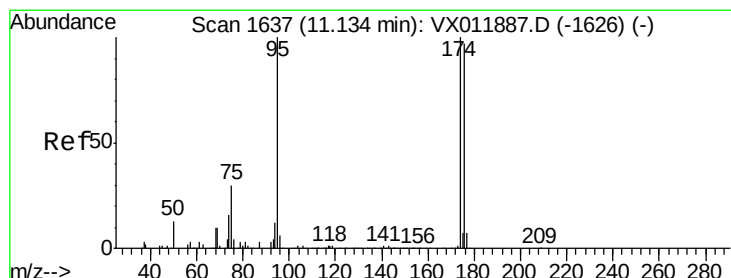
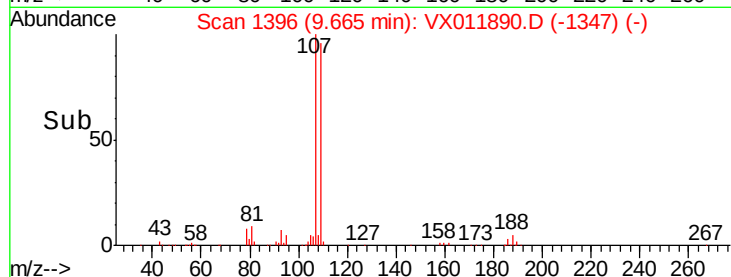
40000

20000

0

9.50 9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.020 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

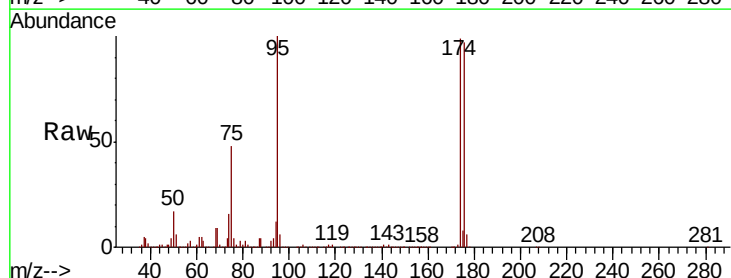
Tgt Ion: 95 Resp: 235968

Ion Ratio Lower Upper

95 100

174 99.0 0.0 196.0

176 96.3 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

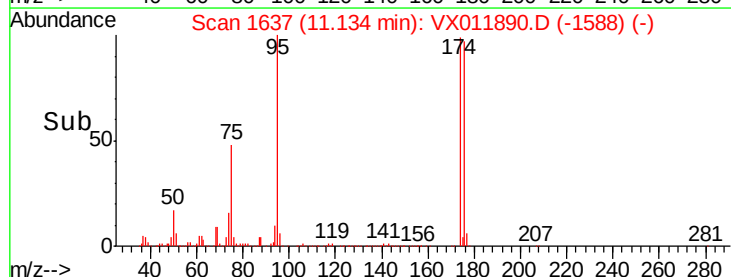
100000

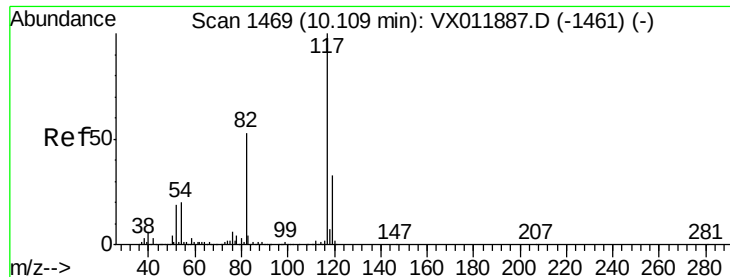
50000

0

11.05 11.10 11.15 11.20

Time-->

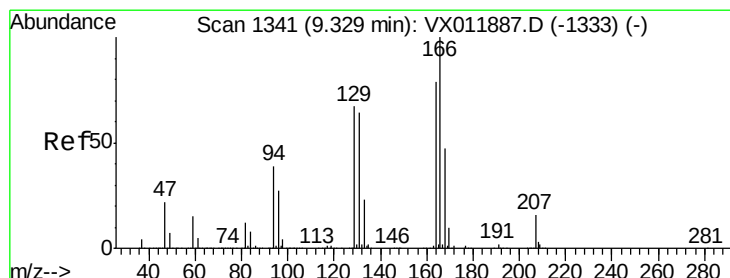
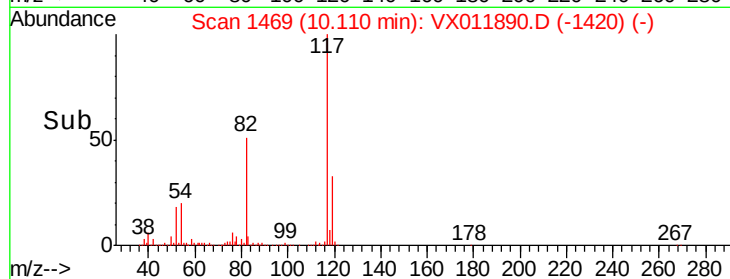
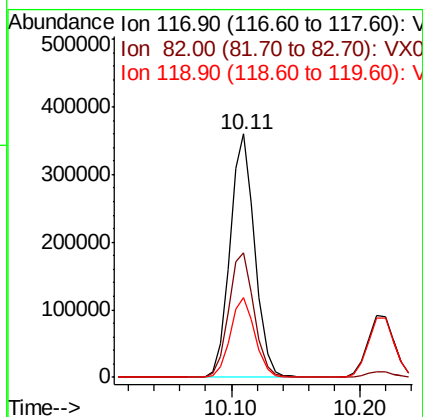
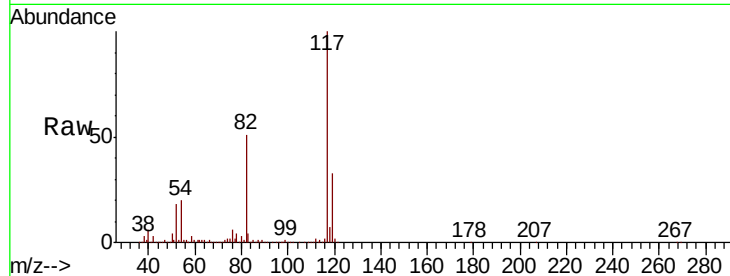




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

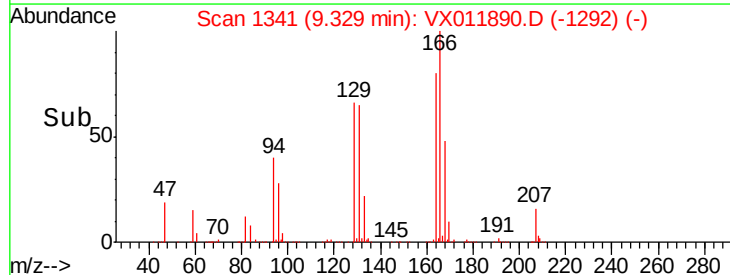
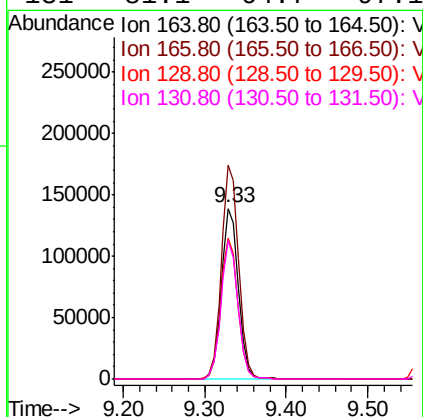
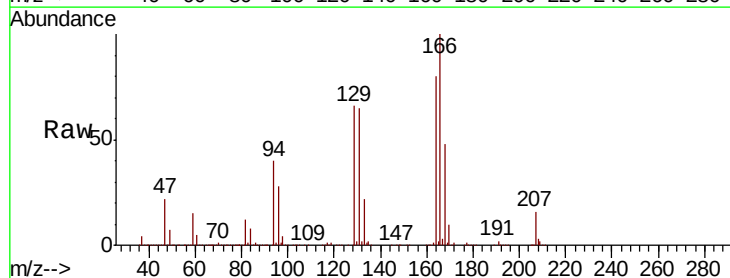
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

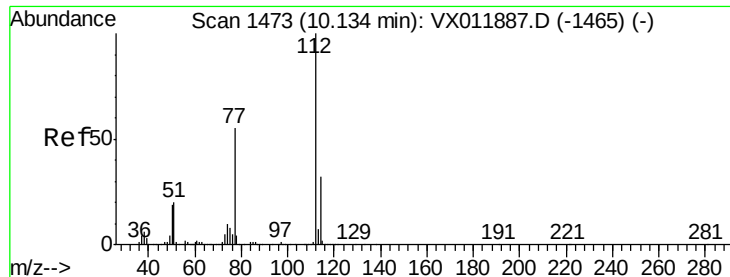
Tgt Ion:117 Resp: 482835
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 51.772 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion:164 Resp: 201077
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 82.5 68.0 102.0
131 81.1 64.7 97.1





#65

Chlorobenzene

Concen: 52.967 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

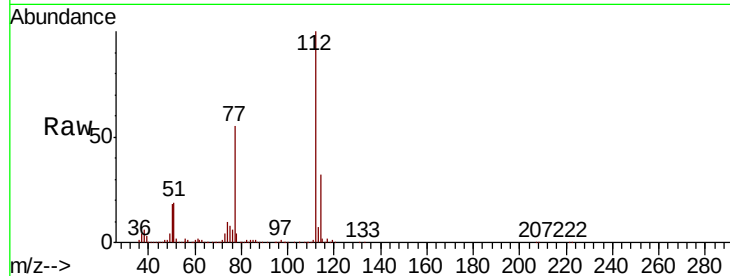
ICVVX082919

Tgt Ion:112 Resp: 495595

Ion Ratio Lower Upper

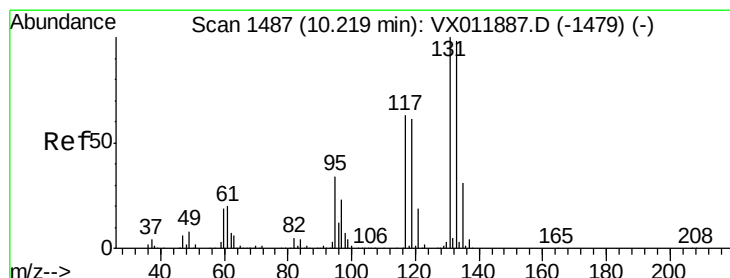
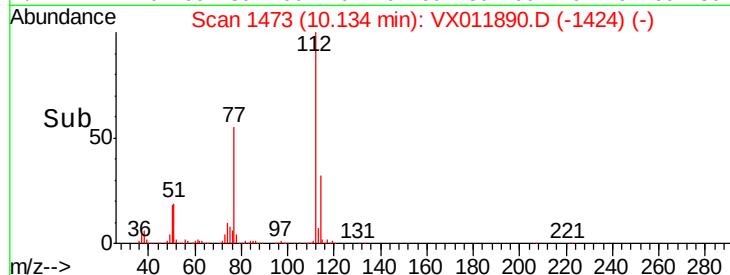
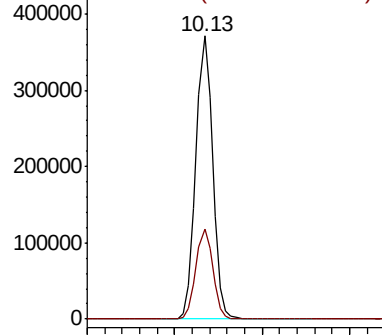
112 100

114 31.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.179 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

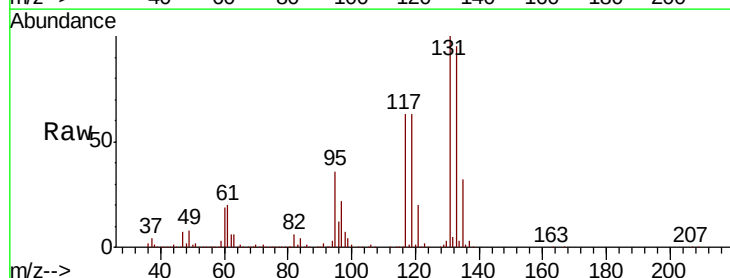
Tgt Ion:131 Resp: 201216

Ion Ratio Lower Upper

131 100

133 95.6 48.4 145.0

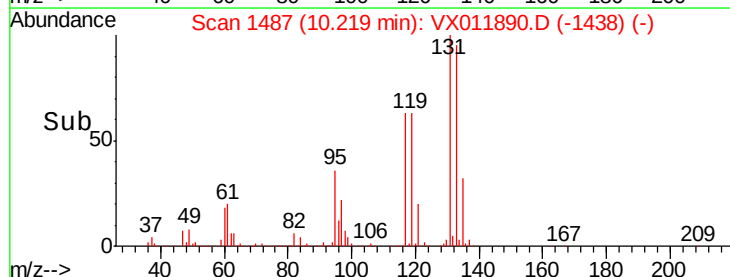
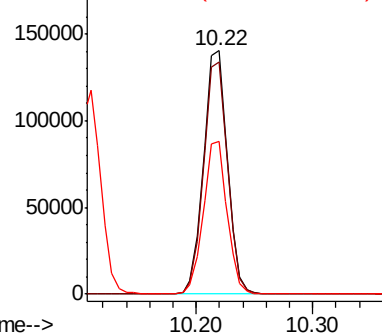
119 62.6 30.6 92.0

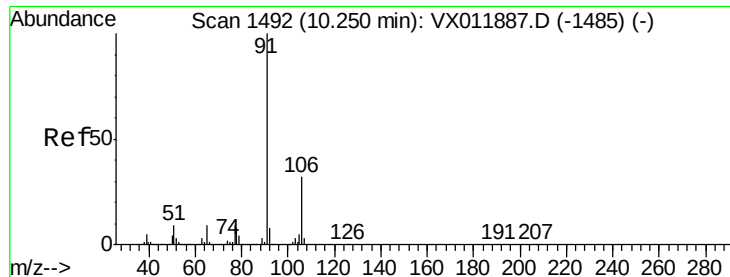


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.904 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

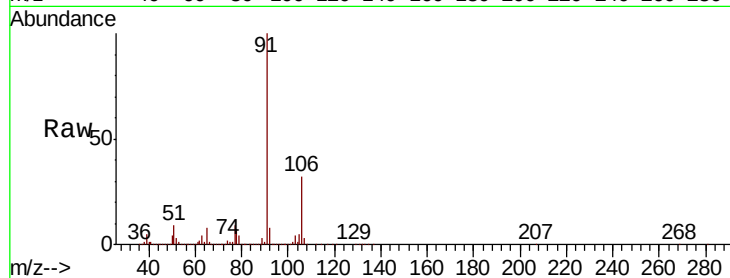
ICVVX082919

Tgt Ion: 91 Resp: 826097

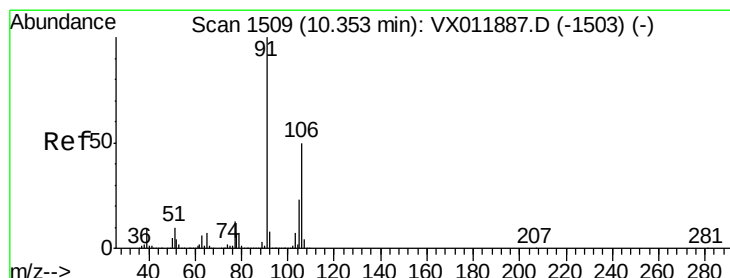
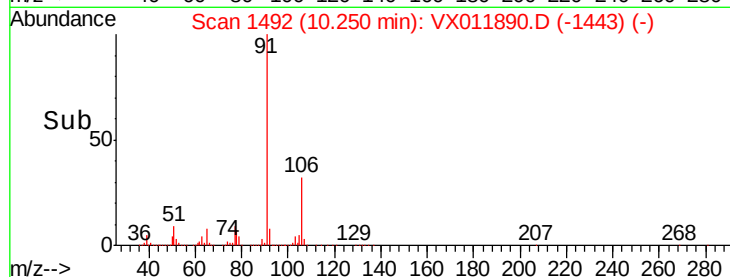
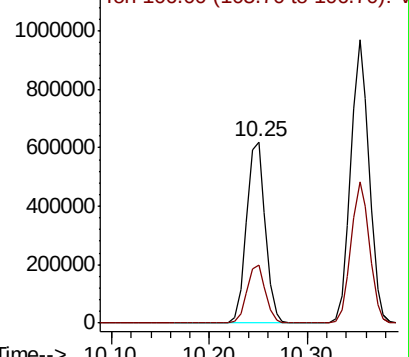
Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX011887.D (-1485) (-)



#68

m/p-Xylenes

Concen: 103.675 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011890.D

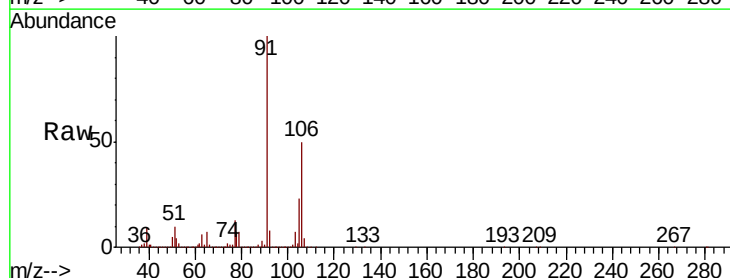
Acq: 30 Aug 2019 00:25

Tgt Ion: 106 Resp: 637146

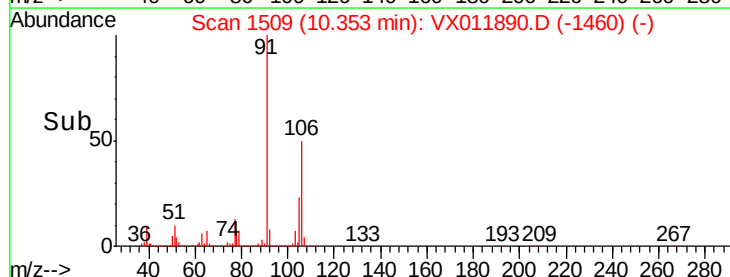
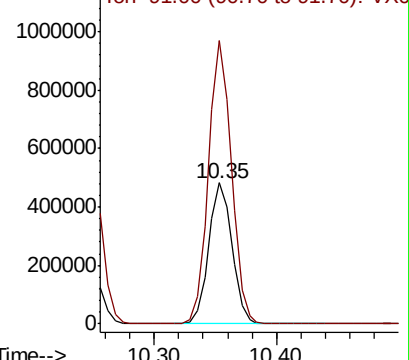
Ion Ratio Lower Upper

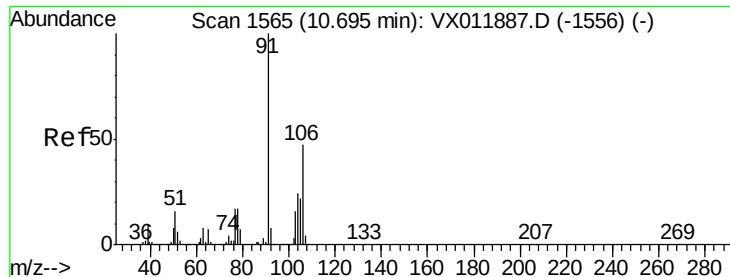
106 100

91 198.8 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): VX011887.D (-1503) (-)

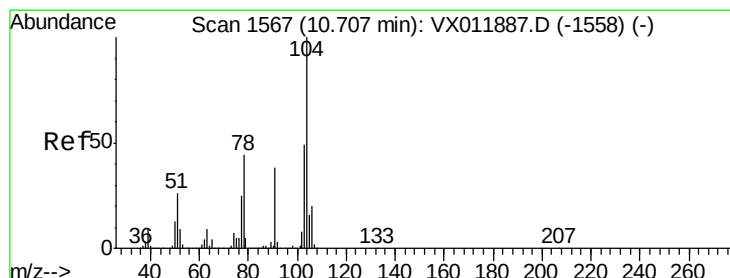
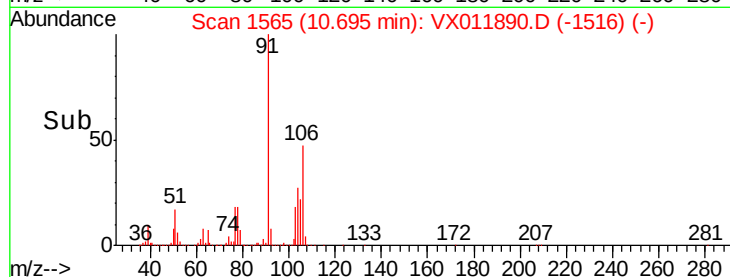
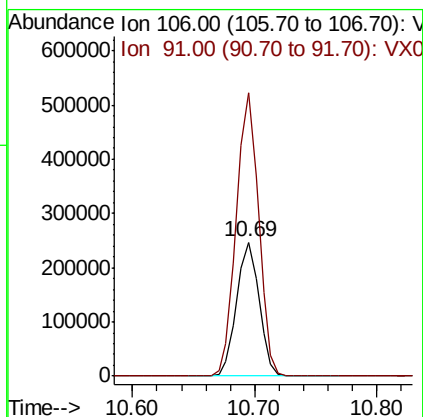
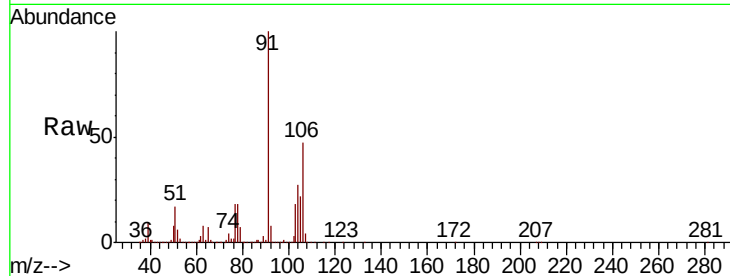




#69
o-Xylene
Concen: 52.434 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

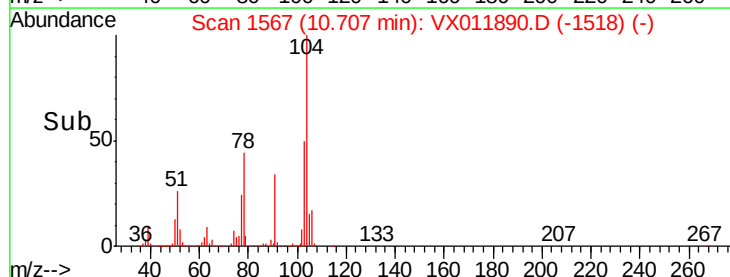
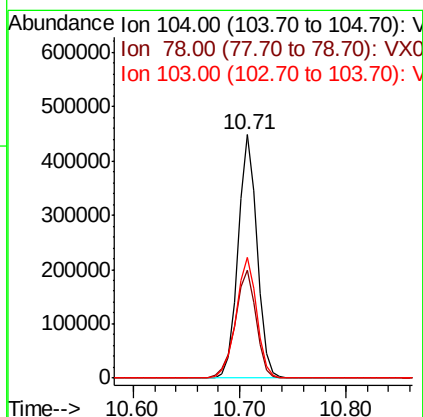
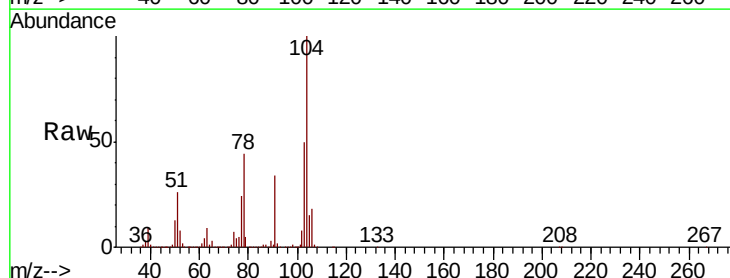
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

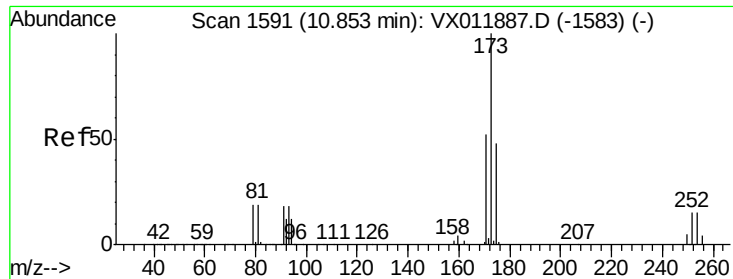
Tgt Ion:106 Resp: 314011
Ion Ratio Lower Upper
106 100
91 209.3 104.8 314.6



#70
Styrene
Concen: 53.143 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion:104 Resp: 560965
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 53.8 43.0 64.6





#71

Bromoform

Concen: 54.405 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampled :

ICVVX082919

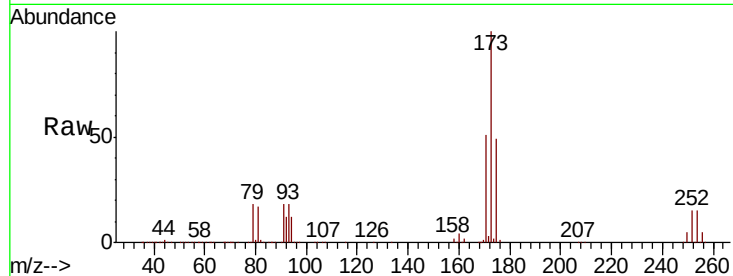
Tgt Ion:173 Resp: 145559

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.2

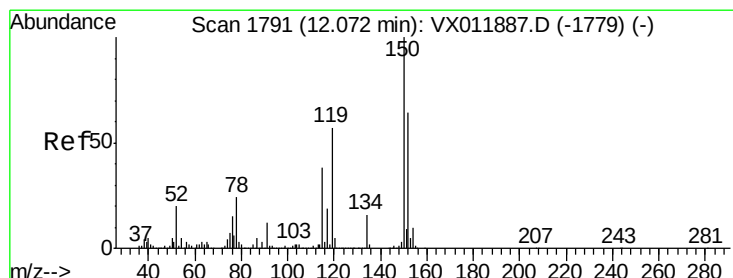
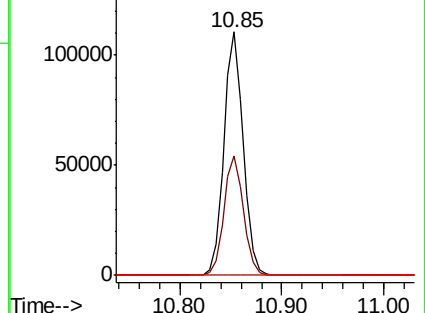
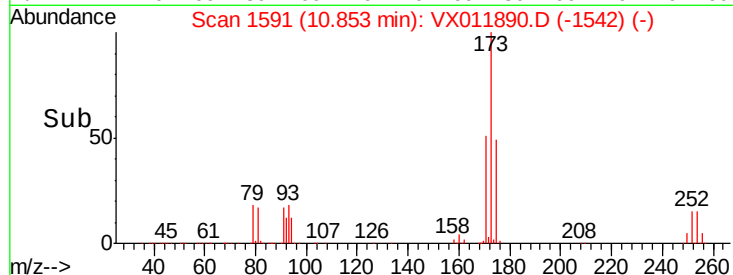
254 0.2 0.1 0.1#



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# 1791

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

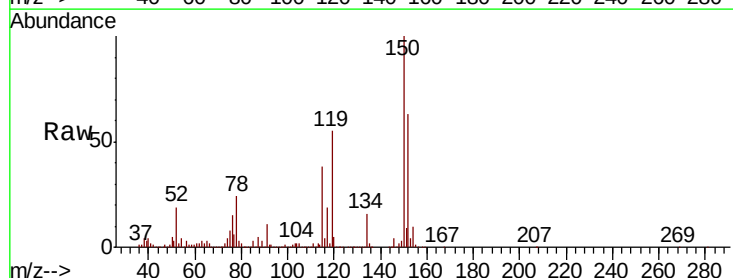
Tgt Ion:152 Resp: 277111

Ion Ratio Lower Upper

152 100

115 75.0 37.1 111.3

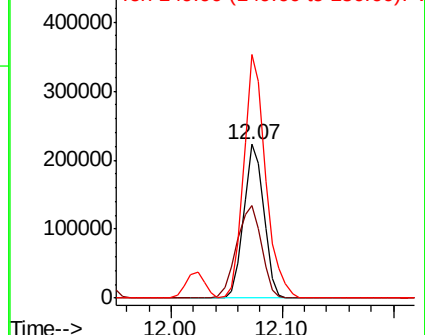
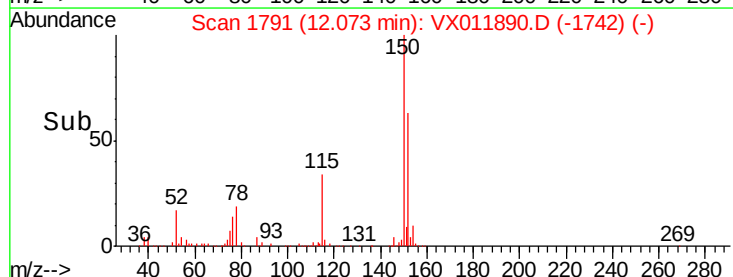
150 172.7 0.0 339.6

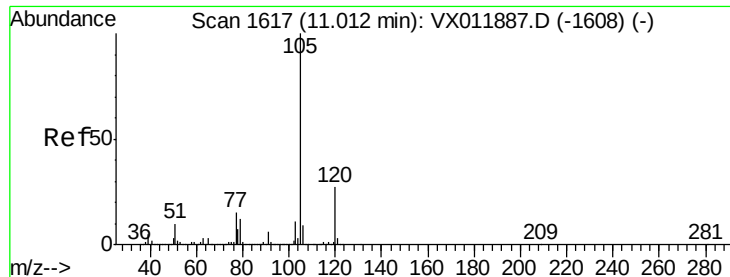


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.029 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

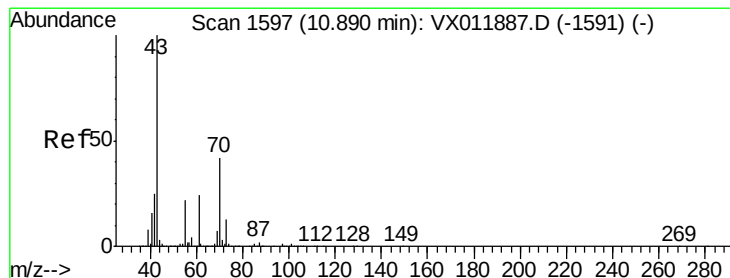
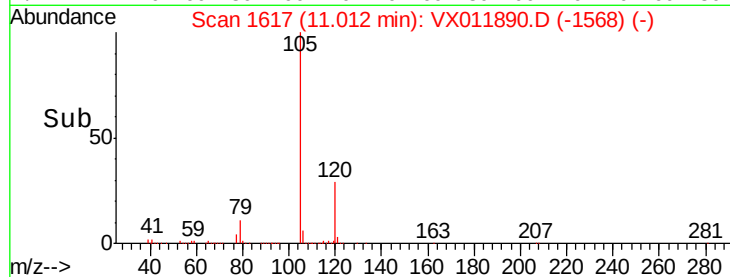
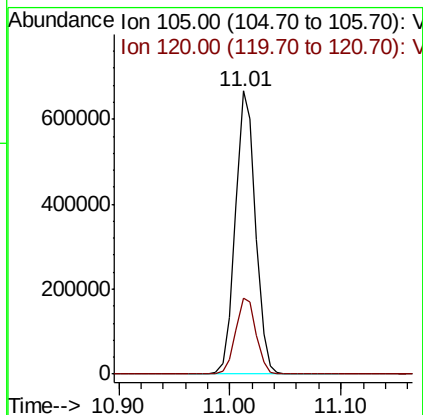
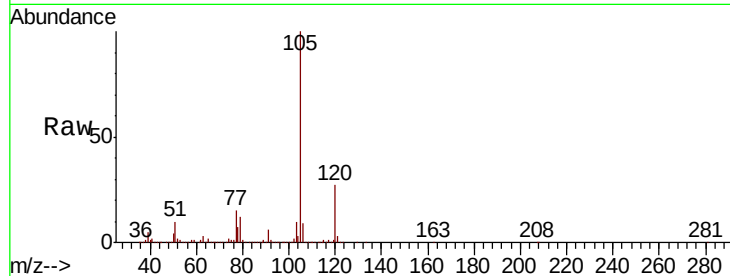
ICVVX082919

Tgt Ion: 105 Resp: 828419

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.4



#74

N-ethyl acetate

Concen: 54.157 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion: 43 Resp: 255899

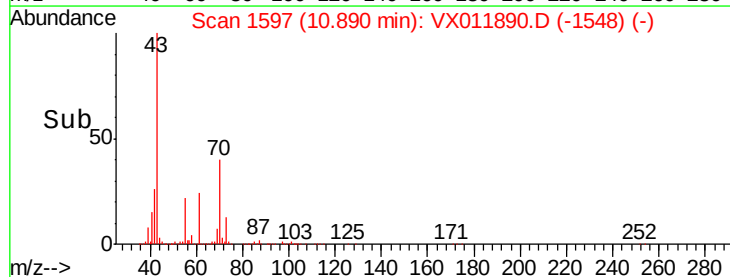
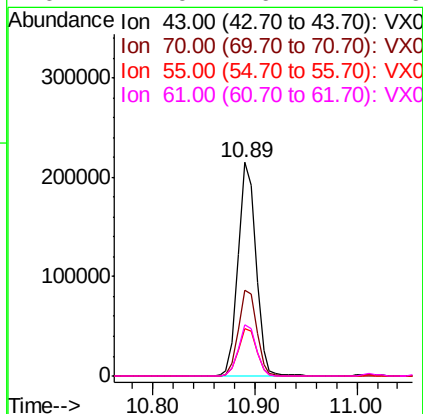
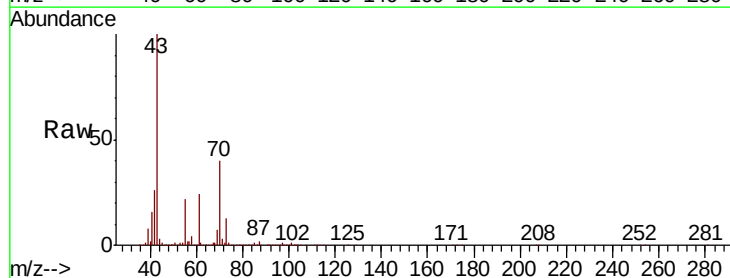
Ion Ratio Lower Upper

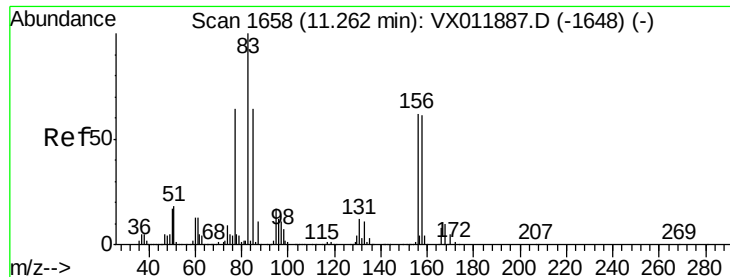
43 100

70 41.4 0.2 0.2#

55 22.7 0.1 0.1#

61 24.0 16.4 24.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.597 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

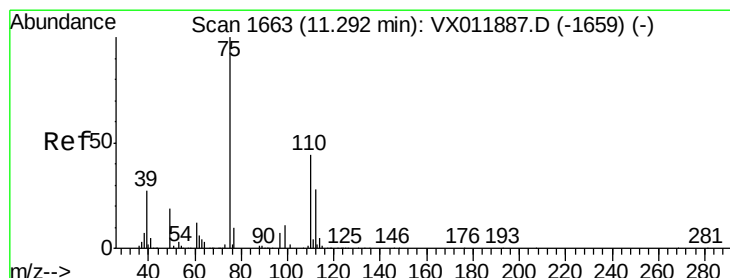
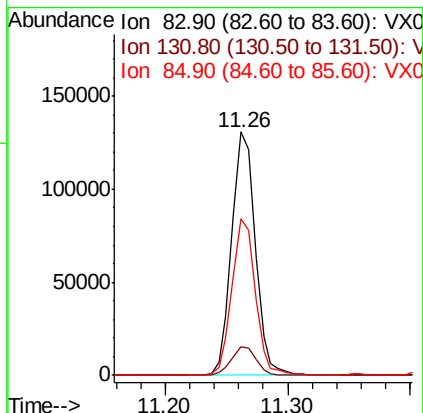
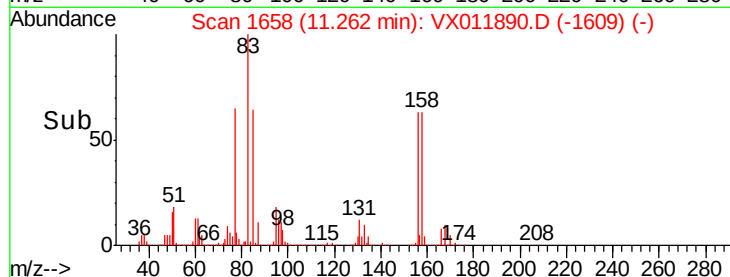
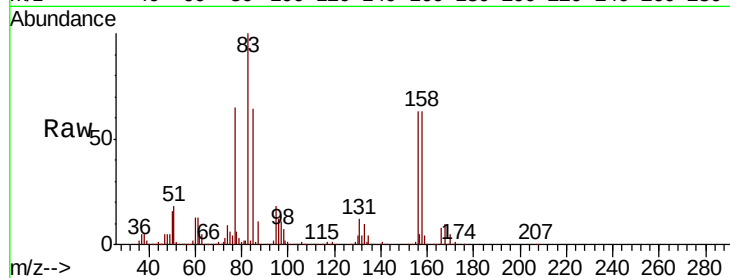
Tgt Ion: 83 Resp: 174650

Ion Ratio Lower Upper

83 100

131 12.3 6.0 18.0

85 63.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 70.593 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011890.D

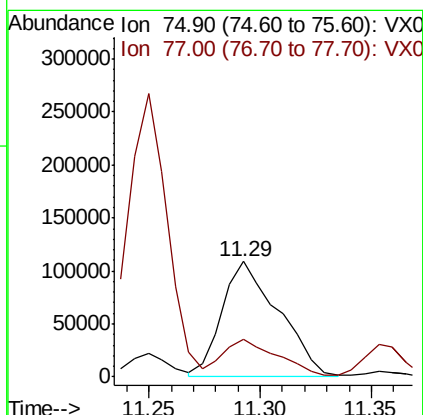
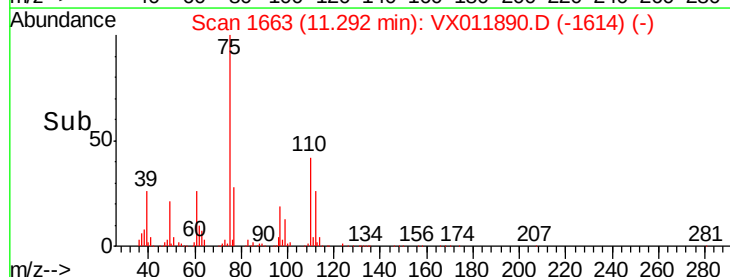
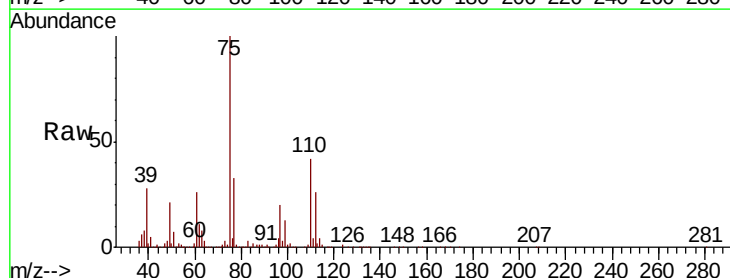
Acq: 30 Aug 2019 00:25

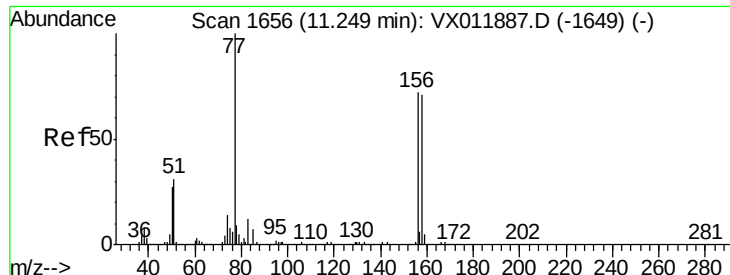
Tgt Ion: 75 Resp: 192432

Ion Ratio Lower Upper

75 100

77 31.5 20.9 62.7





#77

Bromobenzene

Concen: 53.307 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

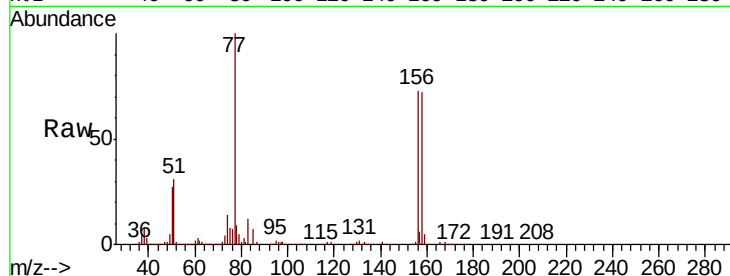
Tgt Ion:156 Resp: 246161

Ion Ratio Lower Upper

156 100

77 134.6 68.1 204.3

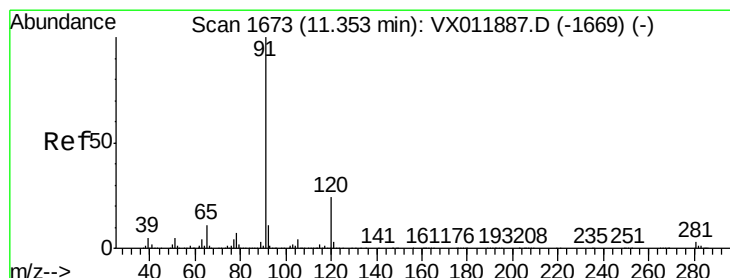
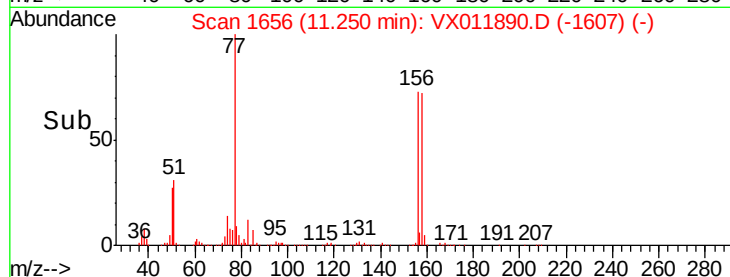
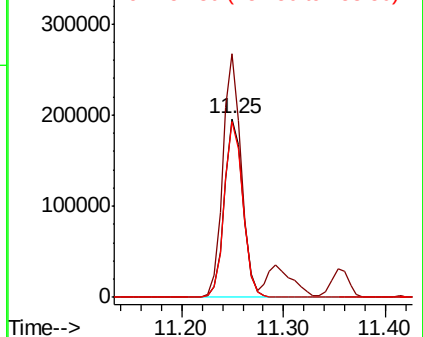
158 98.9 48.9 146.8



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: 51.797 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VX011890.D

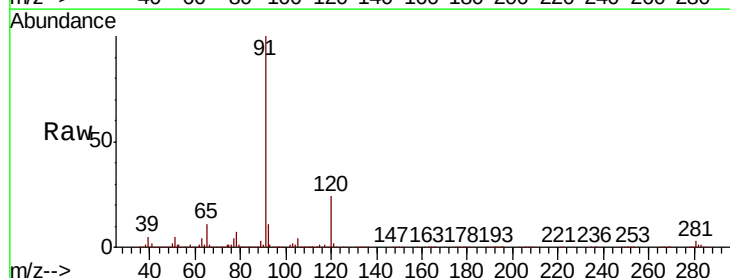
Acq: 30 Aug 2019 00:25

Tgt Ion: 91 Resp: 935199

Ion Ratio Lower Upper

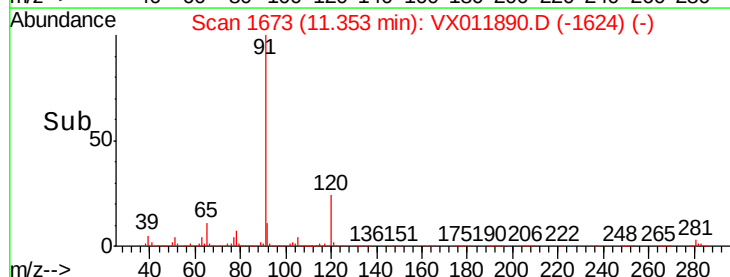
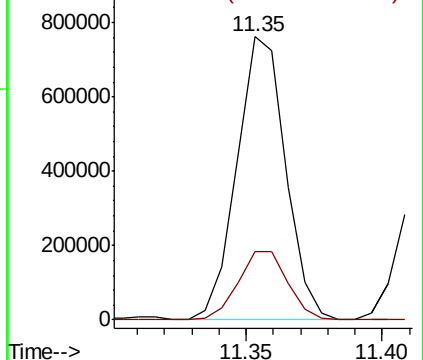
91 100

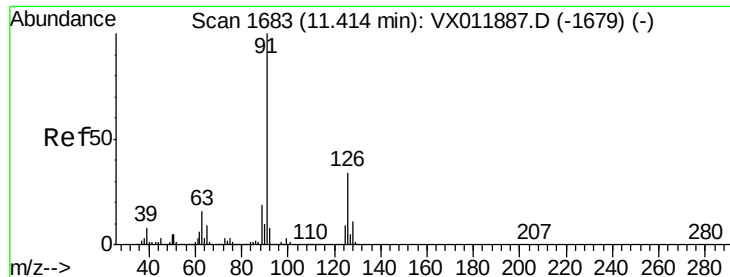
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.927 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

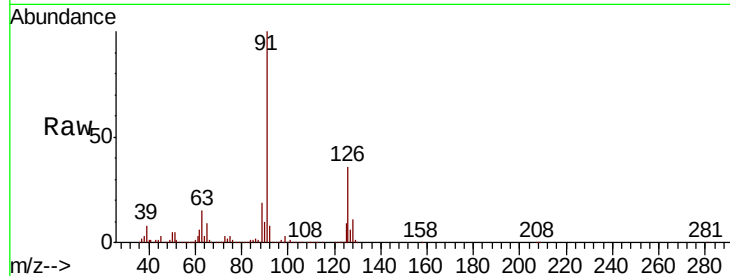
ICVVX082919

Tgt Ion: 91 Resp: 575199

Ion Ratio Lower Upper

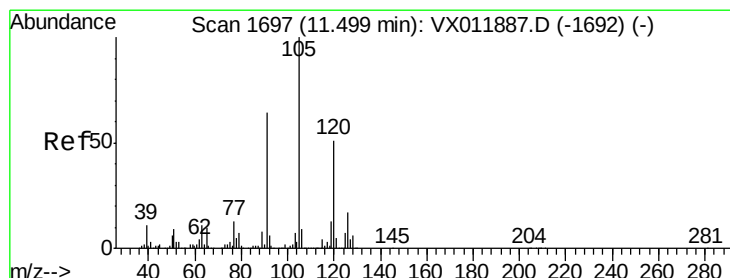
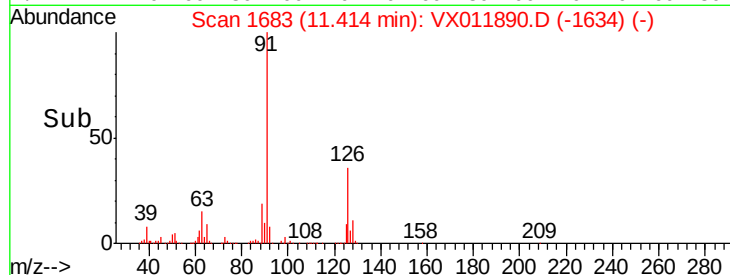
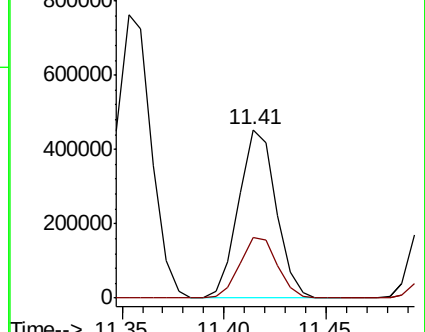
91 100

126 36.5 17.9 53.8



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: 52.215 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VX011890.D

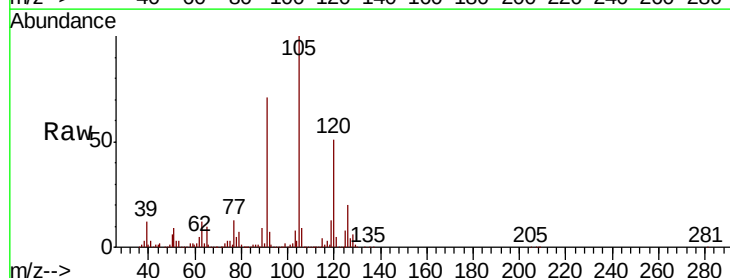
Acq: 30 Aug 2019 00:25

Tgt Ion: 105 Resp: 717602

Ion Ratio Lower Upper

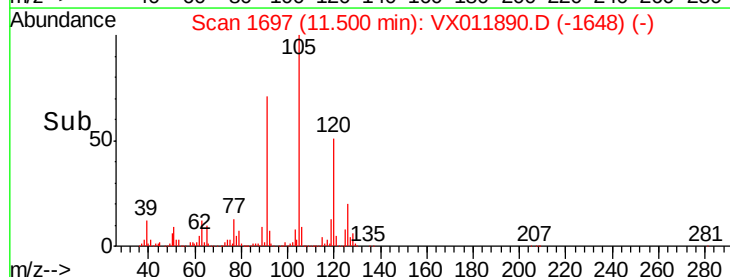
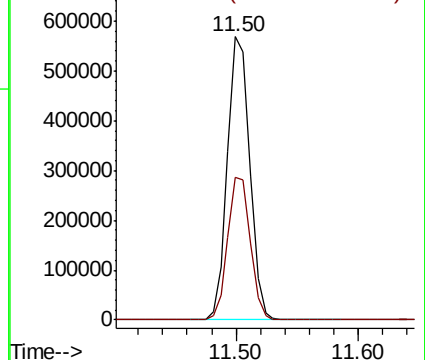
105 100

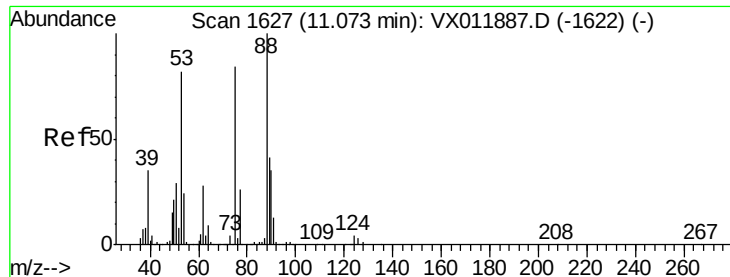
120 51.0 25.3 75.9



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: 51.642 ug/l

RT: 11.07 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

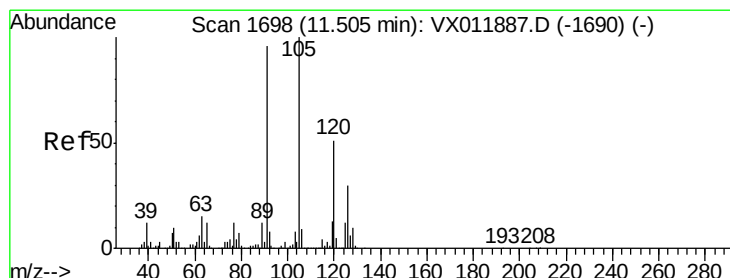
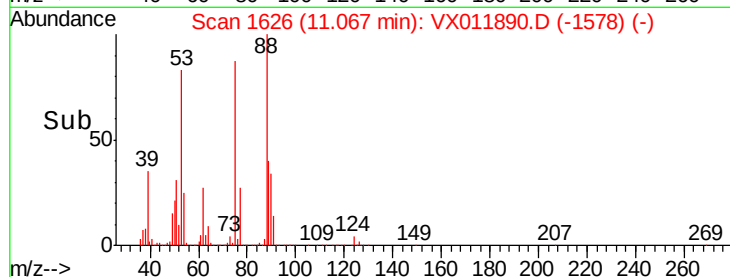
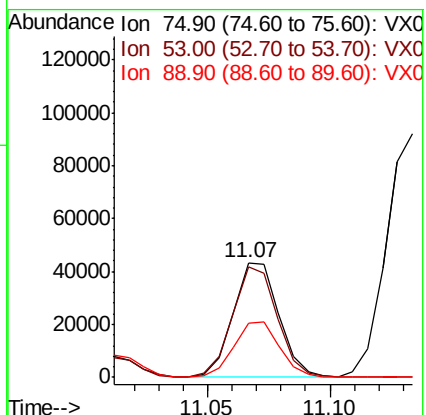
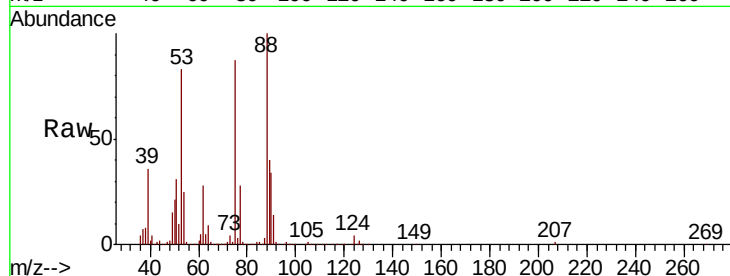
Tgt Ion: 75 Resp: 56037

Ion Ratio Lower Upper

75 100

53 94.5 77.1 115.7

89 48.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 52.208 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011890.D

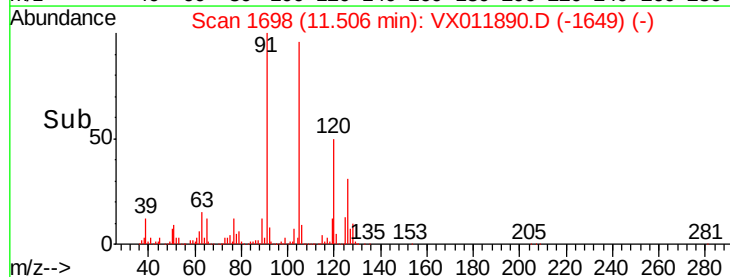
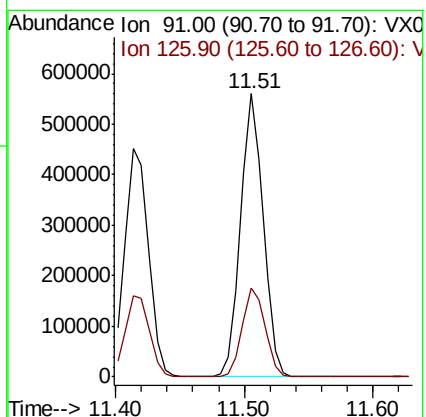
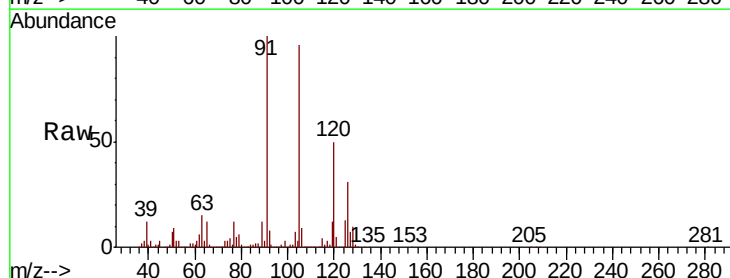
Acq: 30 Aug 2019 00:25

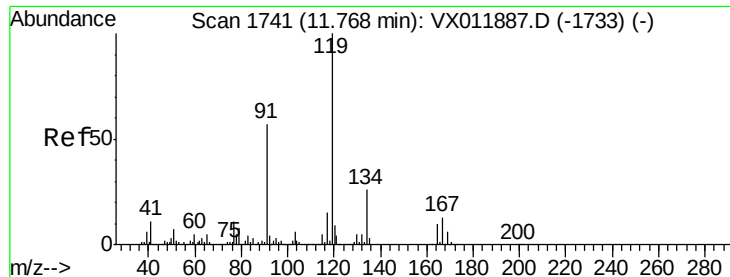
Tgt Ion: 91 Resp: 684489

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.6

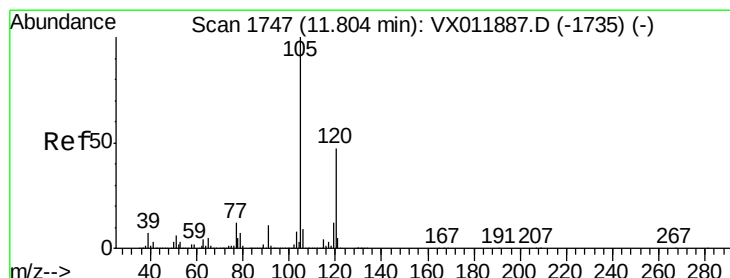
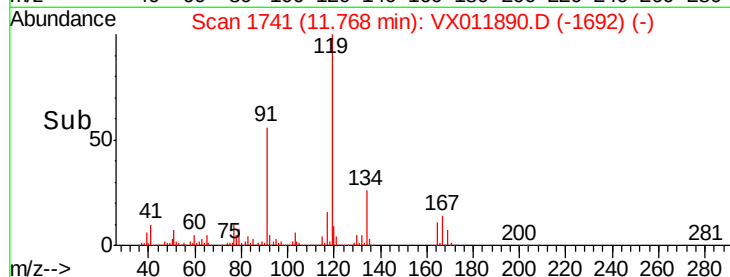
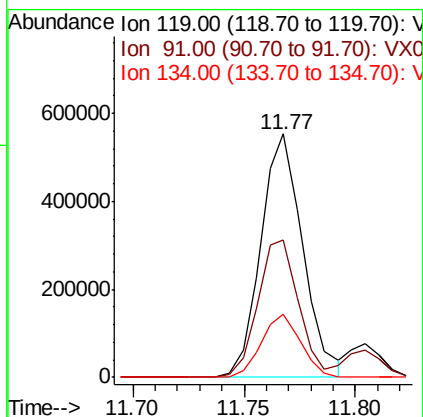
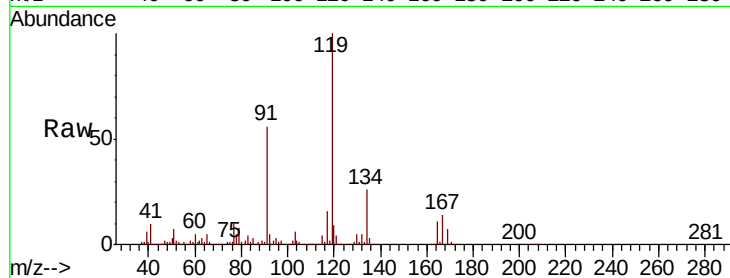




#83
 tert-Butylbenzene
 Concen: 51.975 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

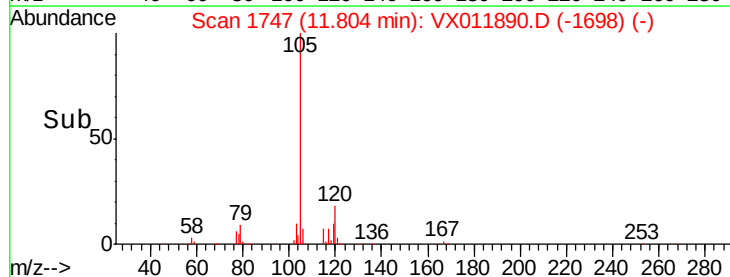
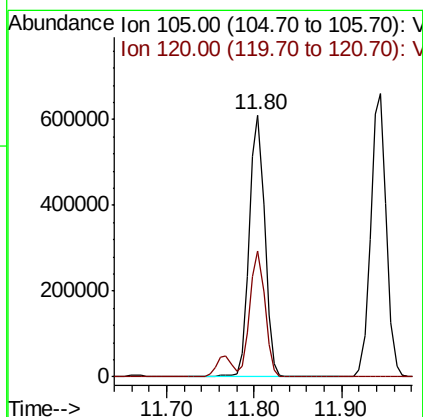
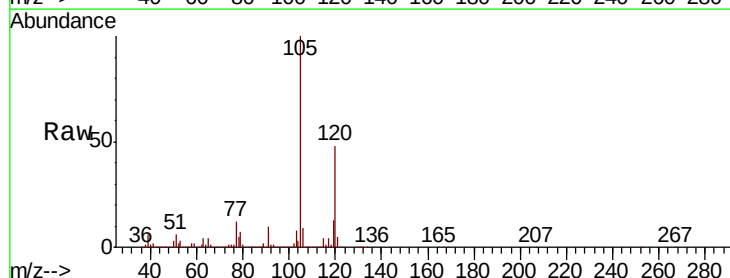
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

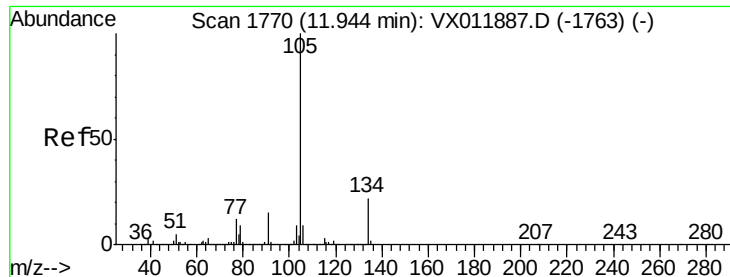
Tgt Ion:119 Resp: 724798
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.9 83.6
 134 24.3 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.403 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion:105 Resp: 738074
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.171 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

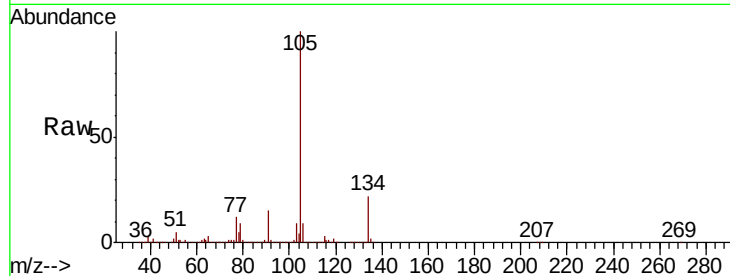
ICVVX082919

Tgt Ion:105 Resp: 828852

Ion Ratio Lower Upper

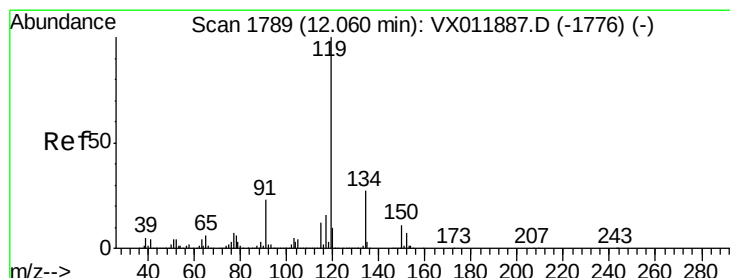
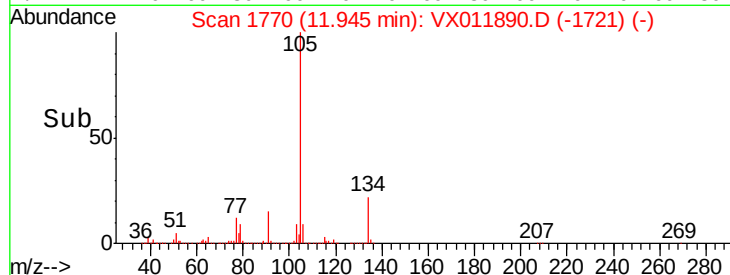
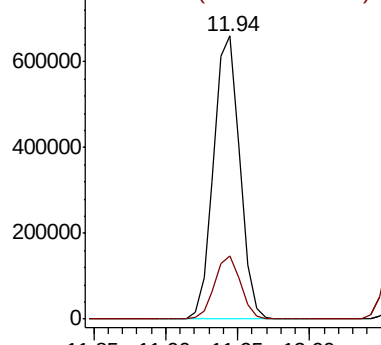
105 100

134 22.0 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.328 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

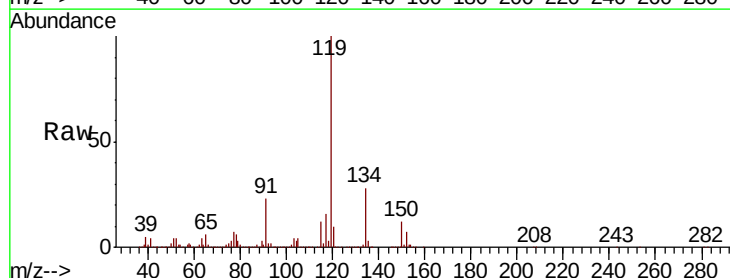
Tgt Ion:119 Resp: 806173

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

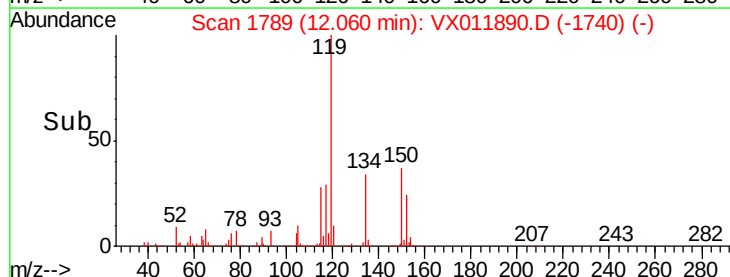
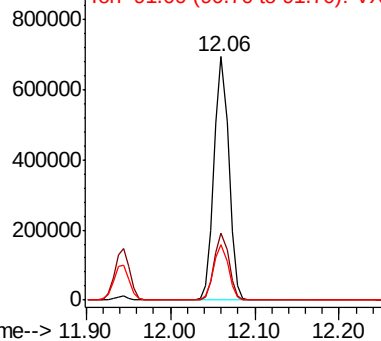
91 22.8 11.6 34.7

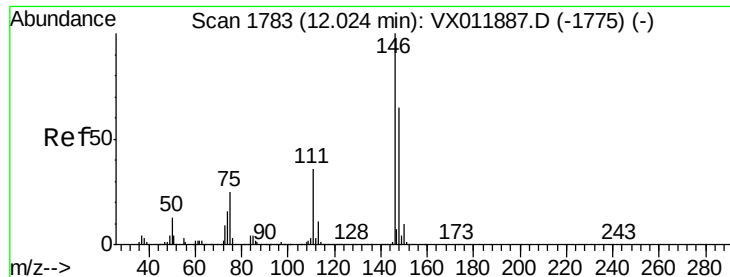


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

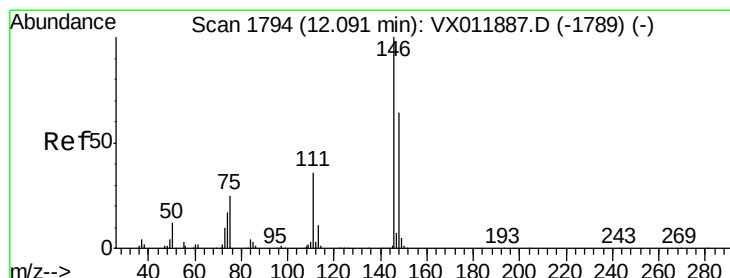
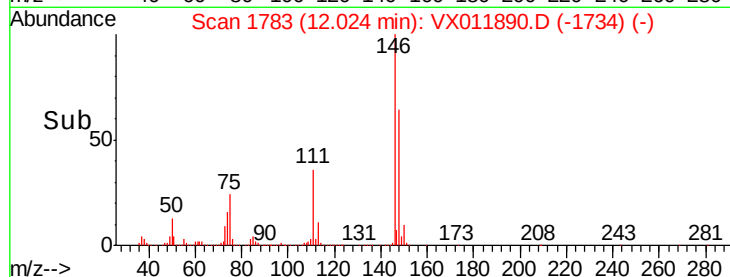
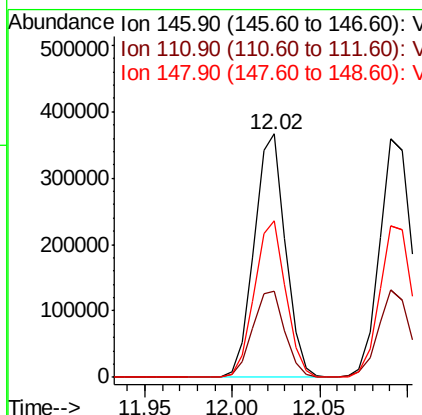
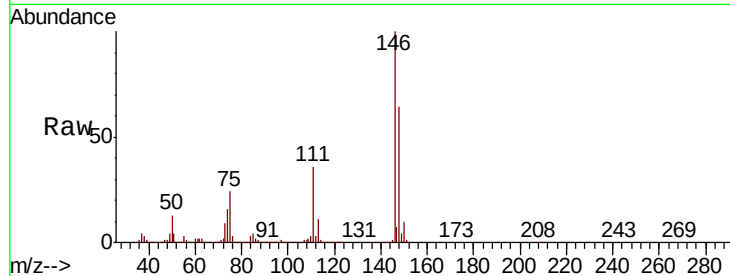




#87
 1,3-Dichlorobenzene
 Concen: 53.059 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

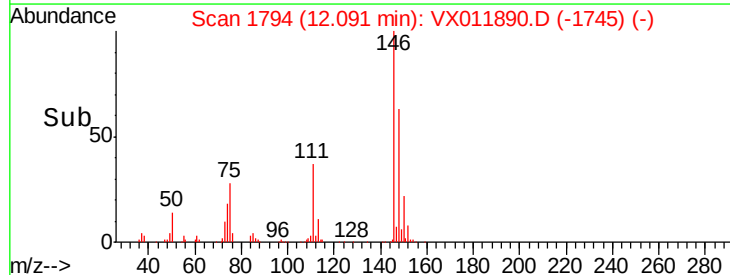
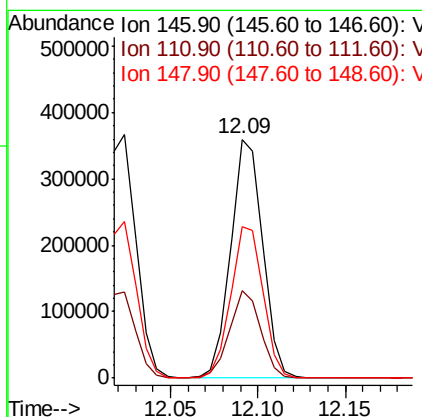
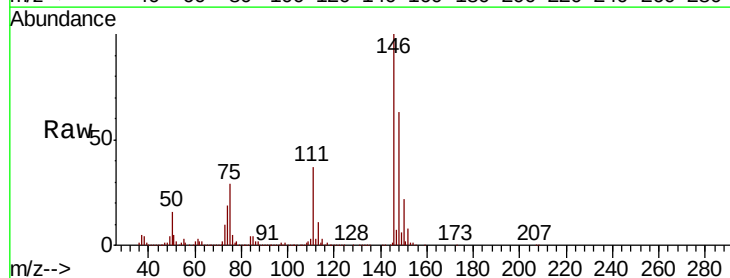
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

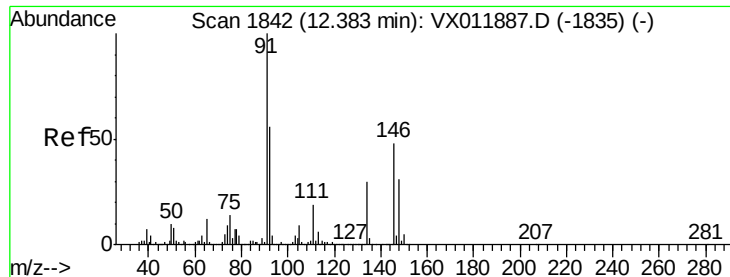
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.640 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.7
148	64.3	32.4	97.0

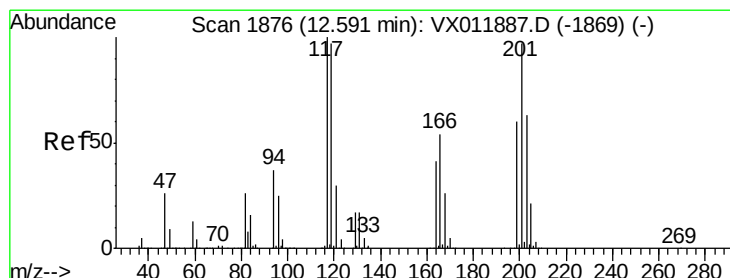
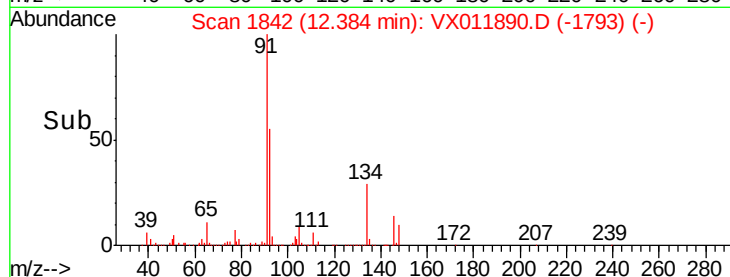
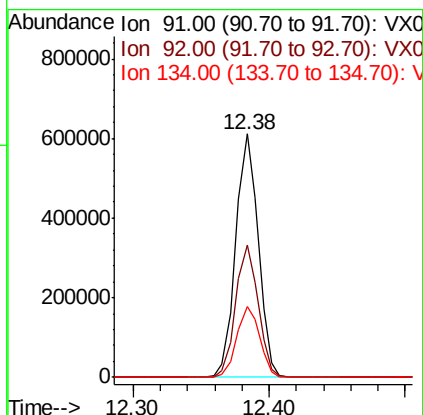
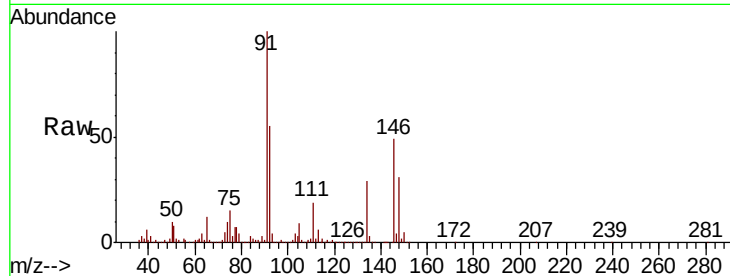




#89
n-Butylbenzene
Concen: 50.515 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

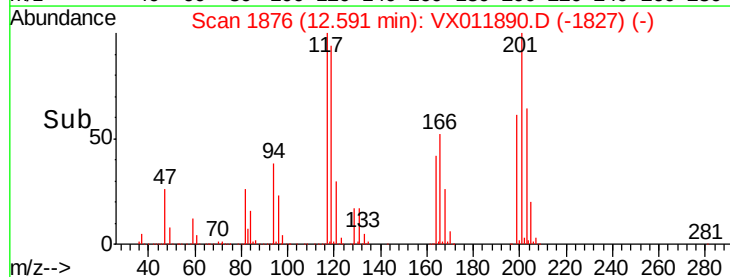
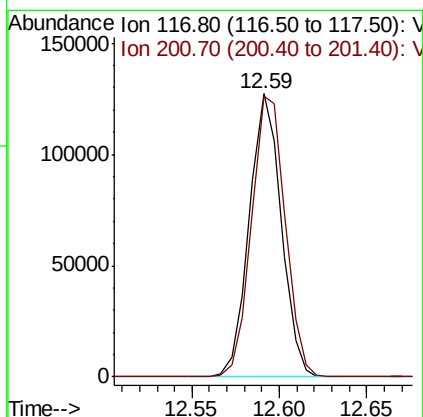
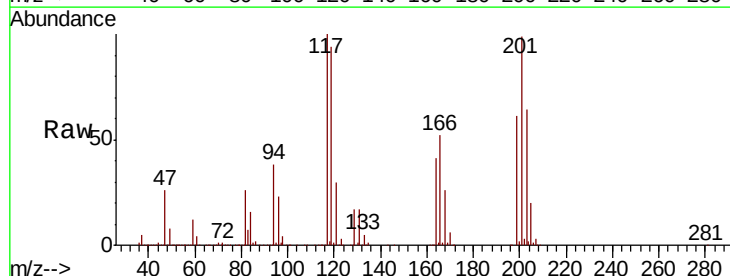
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

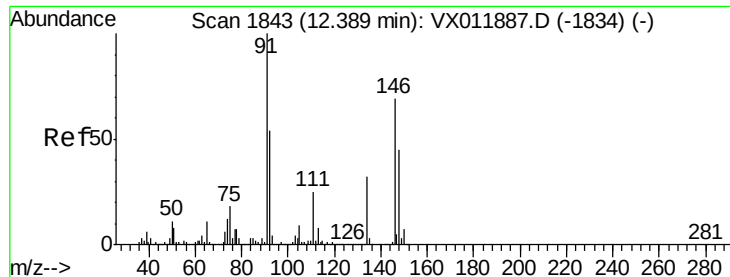
Tgt Ion: 91 Resp: 701945
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.8
134 29.7 14.8 44.3



#90
Hexachloroethane
Concen: 53.346 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion: 117 Resp: 162094
Ion Ratio Lower Upper
117 100
201 104.4 52.8 158.5

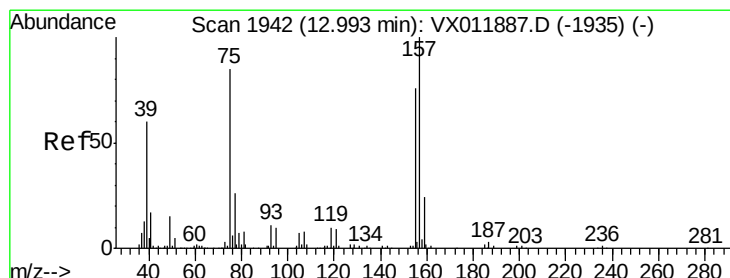
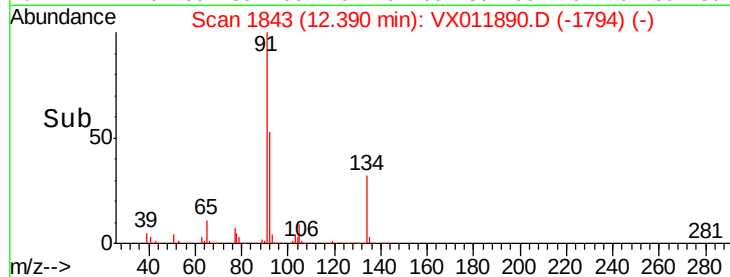
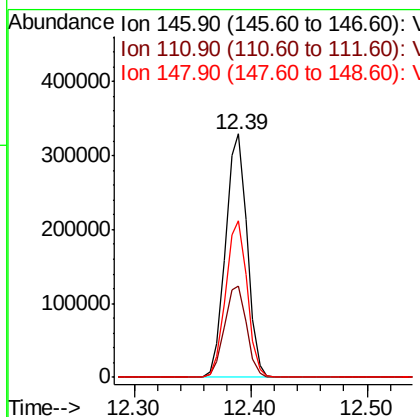
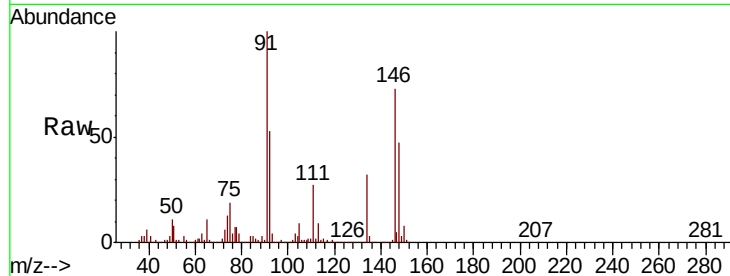




#91
 1,2-Dichlorobenzene
 Concen: 52.924 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

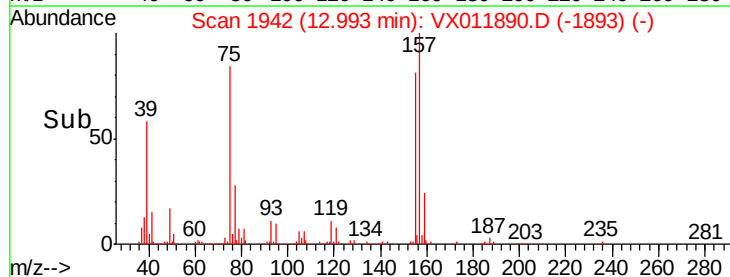
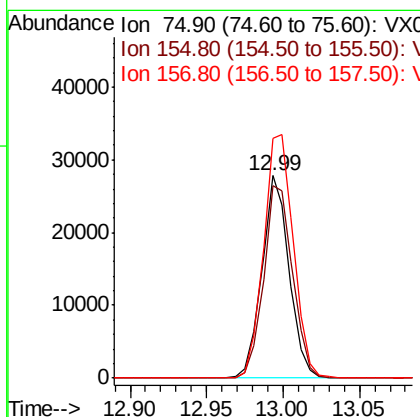
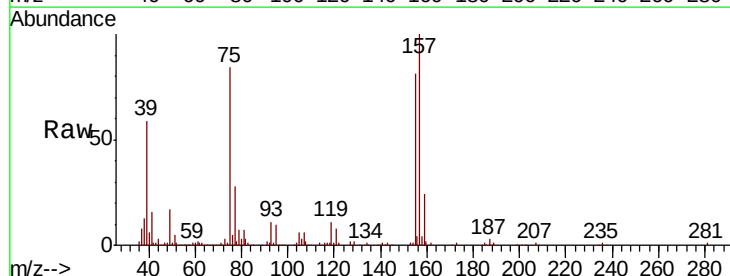
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

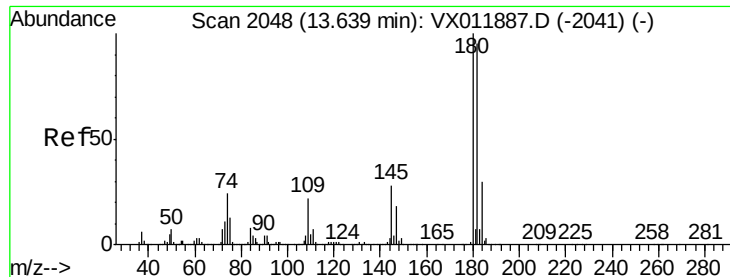
Tgt Ion:146 Resp: 422286
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.5
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.374 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 75 Resp: 34645
 Ion Ratio Lower Upper
 75 100
 155 101.3 50.1 150.4
 157 131.2 63.9 191.7

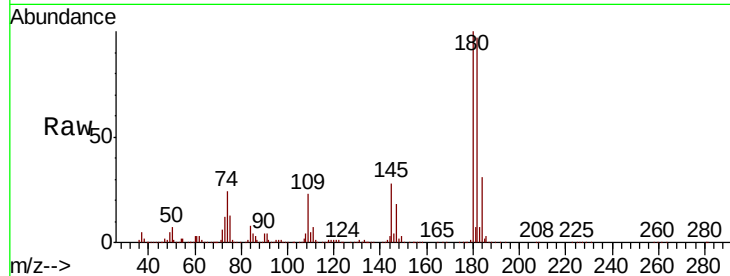




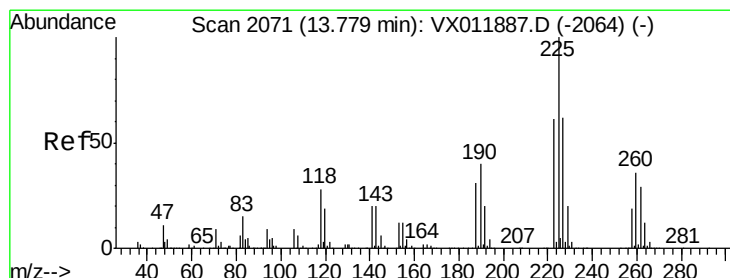
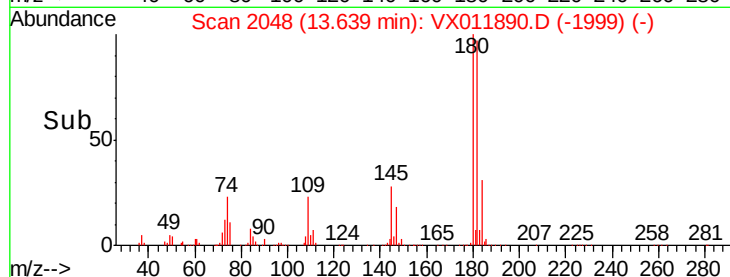
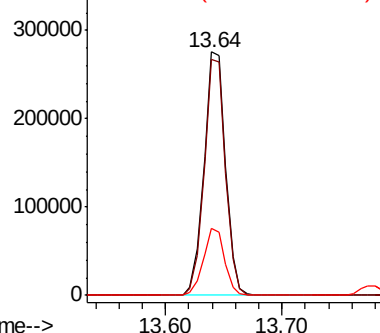
#93
 1,2,4-Trichlorobenzene
 Concen: 52.663 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tgt Ion:180 Resp: 353820
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.1 144.4
 145 27.0 13.8 41.3

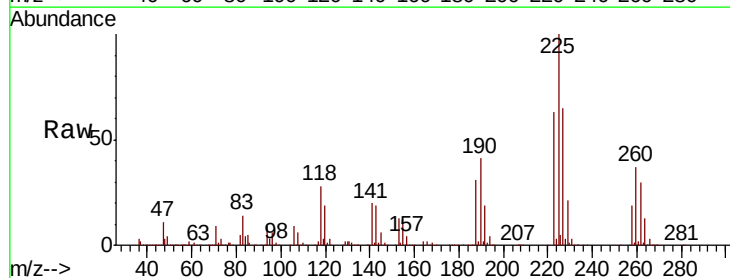


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

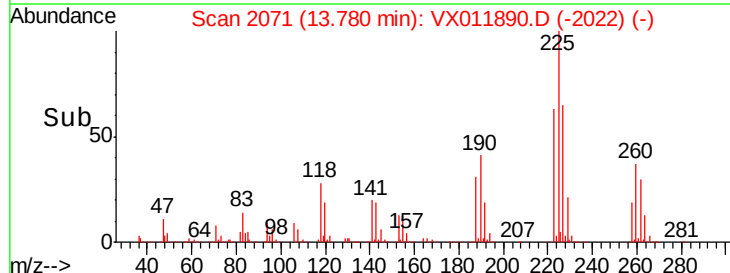
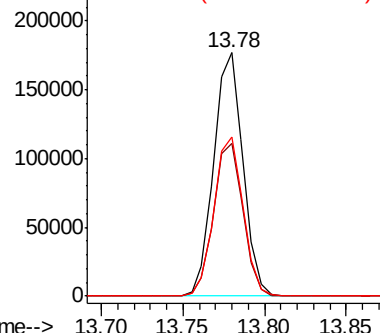


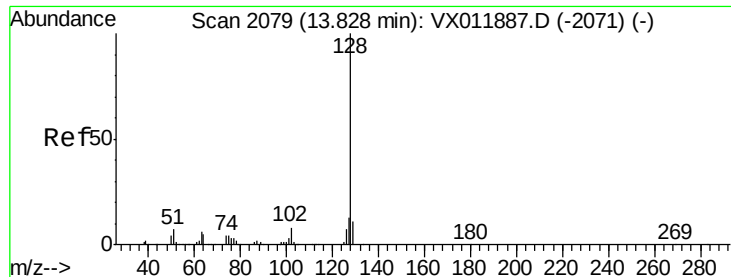
#94
 Hexachlorobutadiene
 Concen: 49.262 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion:225 Resp: 221034
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.8 92.3
 227 65.1 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

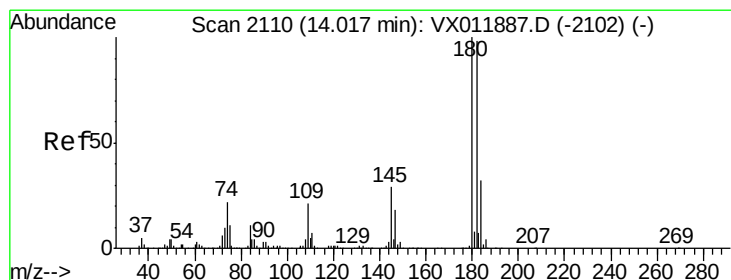
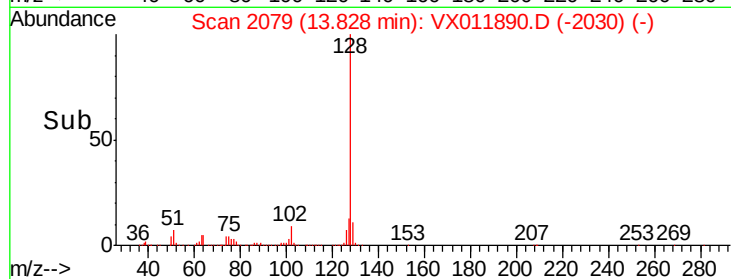
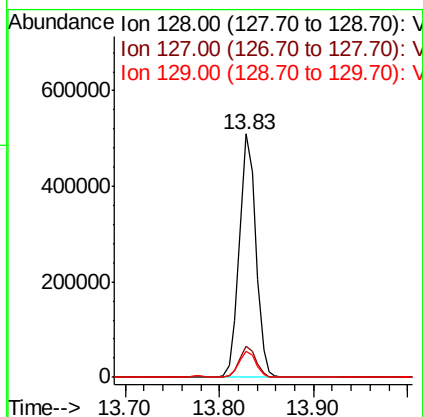
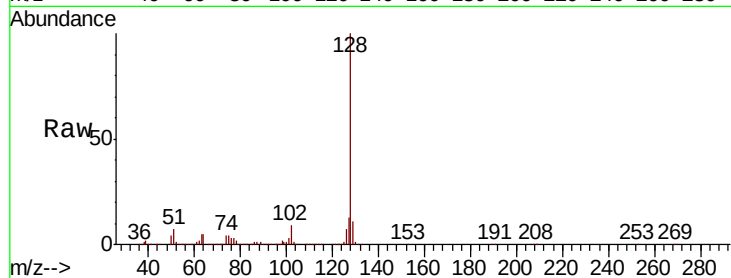




#95
Naphthalene
Concen: 53.890 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tgt Ion:128 Resp: 621391
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.585 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion:180 Resp: 319484
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 29.3 14.6 43.8

