

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012251.D
 Acq On : 10 Sep 2019 12:44
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

Quant Time: Sep 11 01:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122574	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105395	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.48	113	84574	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	319975	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.13	95	137964	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	60681	48.997	ug/l	99
3) Chloromethane	1.31	50	54501	48.820	ug/l	97
4) Vinyl Chloride	1.40	62	53424	48.264	ug/l	98
5) Bromomethane	1.63	94	30543	69.927	ug/l	96
6) Chloroethane	1.71	64	36207	48.917	ug/l	99
7) Trichlorofluoromethane	1.92	101	100827	50.331	ug/l	99
8) Diethyl Ether	2.17	74	34407	50.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66571	49.306	ug/l	98
10) Methyl Iodide	2.50	142	71188	55.398	ug/l	99
11) Tert butyl alcohol	3.03	59	48756	213.032	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52778	46.044	ug/l	97
13) Acrolein	2.28	56	23879	213.294	ug/l	92
14) Allyl chloride	2.72	41	120517	51.570	ug/l	100
15) Acrylonitrile	3.12	53	103760	245.551	ug/l	100
16) Acetone	2.43	43	114839	226.511	ug/l	97
17) Carbon Disulfide	2.56	76	124358	51.664	ug/l	100
18) Methyl Acetate	2.76	43	49440	46.395	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	228478	50.474	ug/l	97
20) Methylene Chloride	2.84	84	78183	49.397	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	68846	50.342	ug/l	97
22) Diisopropyl ether	3.84	45	274272	51.318	ug/l	93
23) Vinyl Acetate	3.80	43	853824	260.384	ug/l	98
24) 1,1-Dichloroethane	3.68	63	147048	51.365	ug/l	99
25) 2-Butanone	4.65	43	154341	238.139	ug/l	99
26) 2,2-Dichloropropane	4.56	77	143242	53.295	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	90157	51.064	ug/l	99
28) Bromochloromethane	5.00	49	65246	48.595	ug/l	100
29) Tetrahydrofuran	5.11	42	86560	247.537	ug/l	98
30) Chloroform	5.19	83	162586	50.364	ug/l	99
31) Cyclohexane	5.56	56	102662	51.625	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142214	51.305	ug/l	100
36) 1,1-Dichloropropene	5.78	75	103153	52.955	ug/l	99
37) Ethyl Acetate	4.81	43	62381	51.805	ug/l	99
38) Carbon Tetrachloride	5.77	117	119752	52.398	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012251.D
 Acq On : 10 Sep 2019 12:44
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

Quant Time: Sep 11 01:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	112739	52.738	ug/l	99
40) Benzene	6.13	78	302501	51.310	ug/l	99
41) Methacrylonitrile	5.03	41	37301	50.248	ug/l	97
42) 1,2-Dichloroethane	6.18	62	117729	50.525	ug/l	99
43) Isopropyl Acetate	6.43	43	127337	50.158	ug/l	100
44) Trichloroethene	7.20	130	82314	51.591	ug/l	96
45) 1,2-Dichloropropane	7.50	63	84235	51.618	ug/l	100
46) Dibromomethane	7.65	93	46494	52.130	ug/l	99
47) Bromodichloromethane	7.89	83	127603	52.426	ug/l	99
48) Methyl methacrylate	7.76	41	62012	51.032	ug/l	98
49) 1,4-Dioxane	7.73	88	14835	904.721	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	328583	245.235	ug/l	99
52) Toluene	8.78	92	202888	52.101	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	130341	53.654	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142320	52.832	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69325	50.171	ug/l	99
56) Ethyl methacrylate	9.17	69	97577	52.156	ug/l	99
57) 1,3-Dichloropropane	9.36	76	120668	51.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	242058	252.439	ug/l	100
59) 2-Hexanone	9.48	43	243580	261.458	ug/l	99
60) Dibromochloromethane	9.57	129	85545	53.032	ug/l	97
61) 1,2-Dibromoethane	9.67	107	65690	51.072	ug/l	99
64) Tetrachloroethene	9.33	164	64957	49.930	ug/l	99
65) Chlorobenzene	10.14	112	232066	51.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88797	52.407	ug/l	100
67) Ethyl Benzene	10.25	91	421371	52.710	ug/l	98
68) m/p-Xylenes	10.35	106	316543	107.567	ug/l	98
69) o-Xylene	10.70	106	152799	53.004	ug/l	99
70) Styrene	10.71	104	271009	53.008	ug/l	100
71) Bromoform	10.85	173	46555	52.987	ug/l #	98
73) Isopropylbenzene	11.01	105	420950	52.166	ug/l	100
74) N-amyl acetate	10.89	43	125537	52.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	88557	51.099	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	96543	61.311	ug/l	88
77) Bromobenzene	11.25	156	96581	51.985	ug/l	99
78) n-propylbenzene	11.35	91	511265	52.467	ug/l	99
79) 2-Chlorotoluene	11.42	91	316455	52.417	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	381033	52.507	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27556	52.433	ug/l	99
82) 4-Chlorotoluene	11.51	91	384688	53.020	ug/l	99
83) tert-Butylbenzene	11.76	119	380065	53.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	395267	52.690	ug/l	99
85) sec-Butylbenzene	11.94	105	446866	53.150	ug/l	100
86) p-Isopropyltoluene	12.06	119	415614	53.500	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200790	53.055	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200388	52.363	ug/l	99
89) n-Butylbenzene	12.39	91	415448	54.563	ug/l	99
90) Hexachloroethane	12.59	117	77224	53.969	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	182796	52.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17718	50.088	ug/l	97

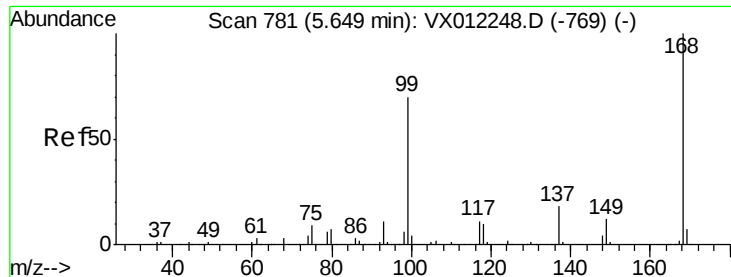
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012251.D
Acq On : 10 Sep 2019 12:44
Operator : SY/SP
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

Quant Time: Sep 11 01:32:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134105	55.469	ug/l	99
94) Hexachlorobutadiene	13.78	225	67179	55.855	ug/l	97
95) Naphthalene	13.83	128	279702	53.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	116501	54.462	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

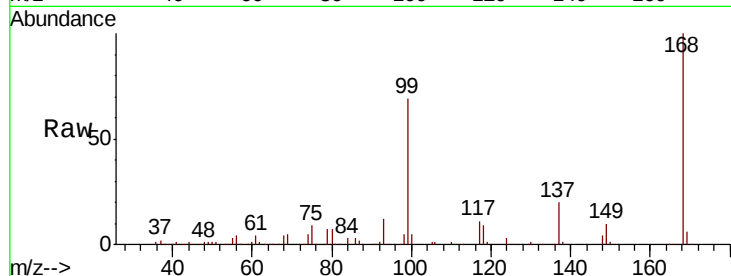
ICVVX091019

Tgt Ion:168 Resp: 151481

Ion Ratio Lower Upper

168 100

99 69.1 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

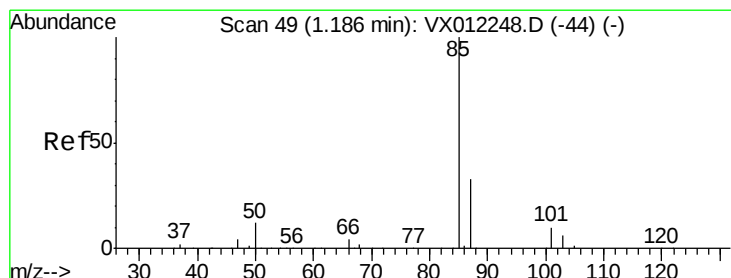
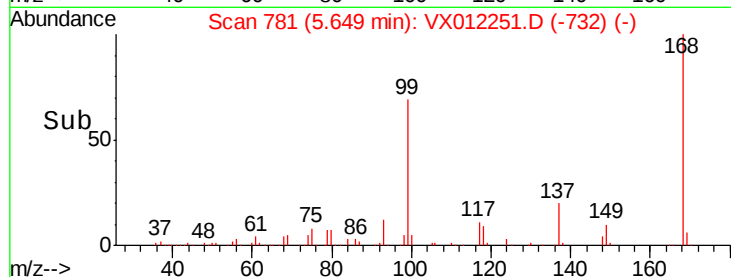
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.997 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012251.D

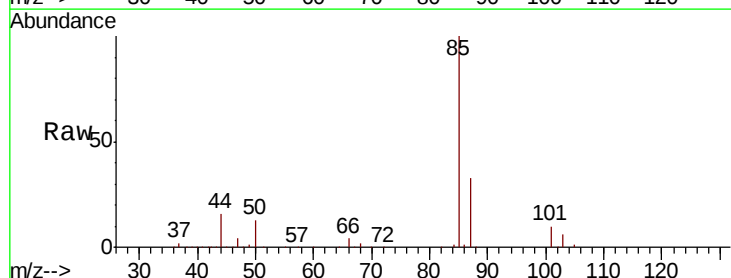
Acq: 10 Sep 2019 12:44

Tgt Ion: 85 Resp: 60681

Ion Ratio Lower Upper

85 100

87 32.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

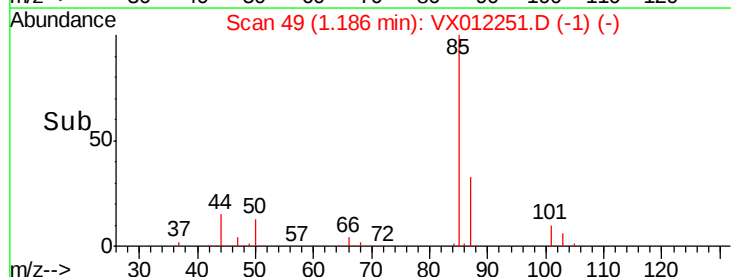
40000

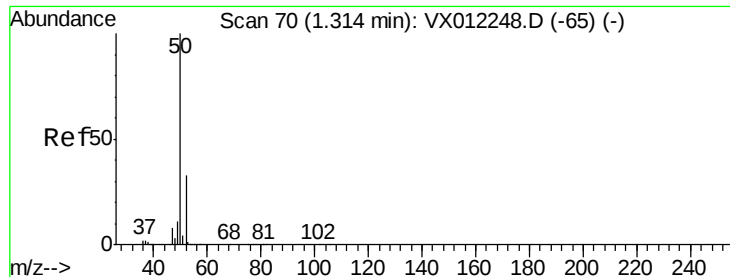
20000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.820 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

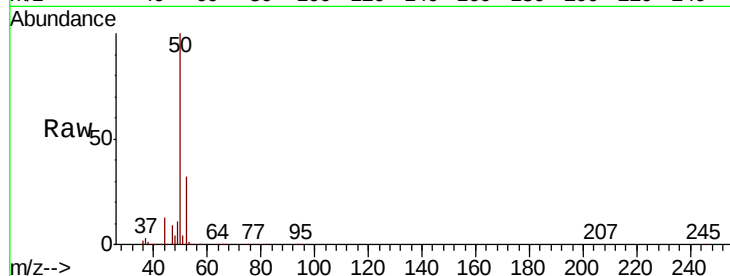
ICVVX091019

Tgt Ion: 50 Resp: 54501

Ion Ratio Lower Upper

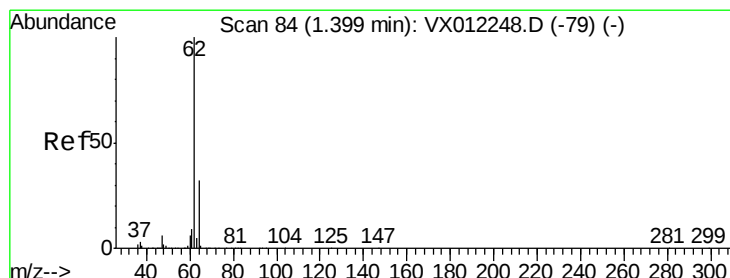
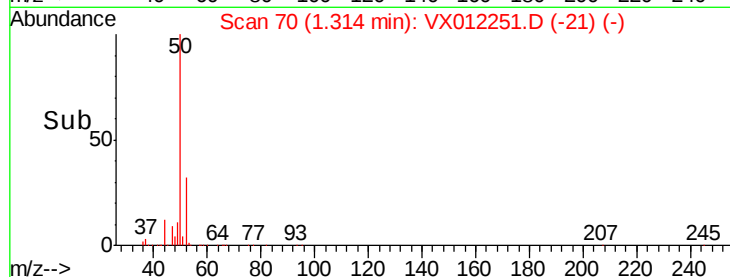
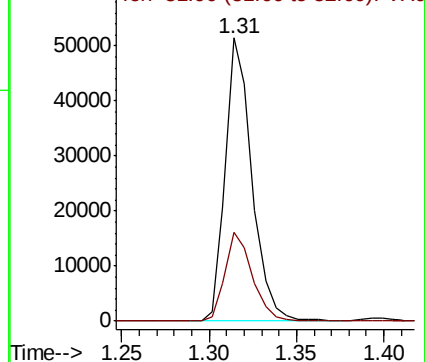
50 100

52 31.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.264 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012251.D

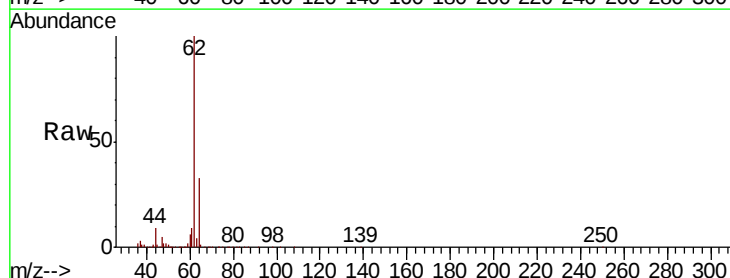
Acq: 10 Sep 2019 12:44

Tgt Ion: 62 Resp: 53424

Ion Ratio Lower Upper

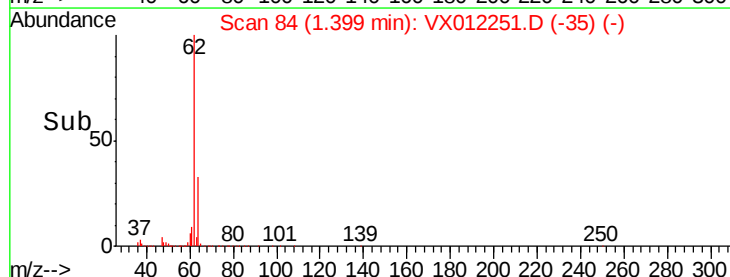
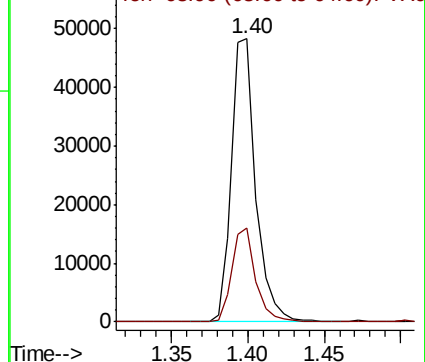
62 100

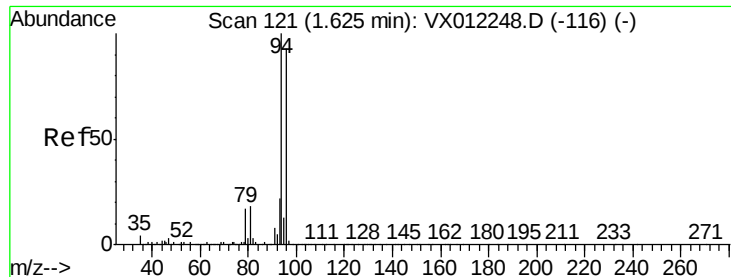
64 33.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 69.927 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

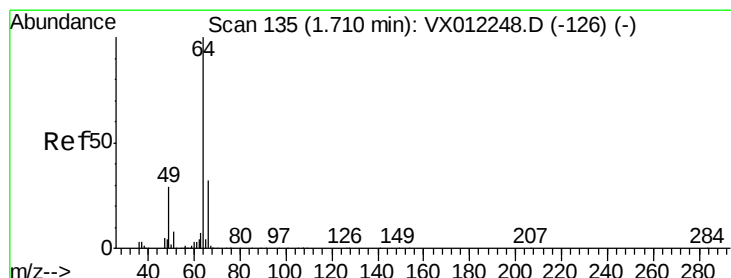
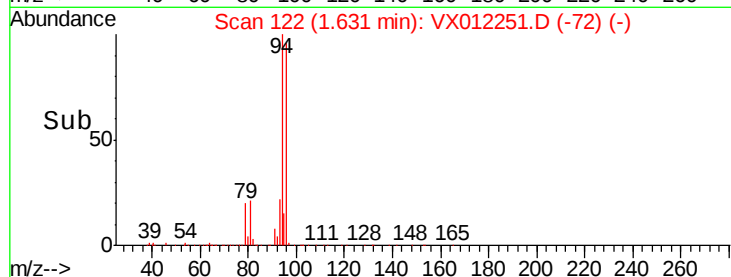
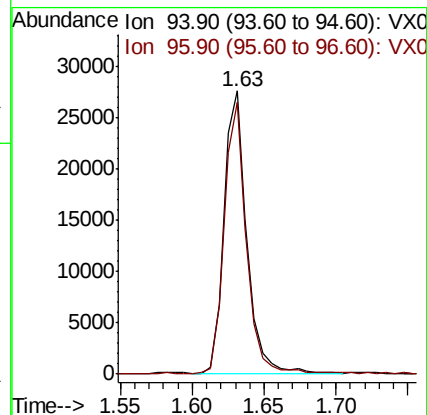
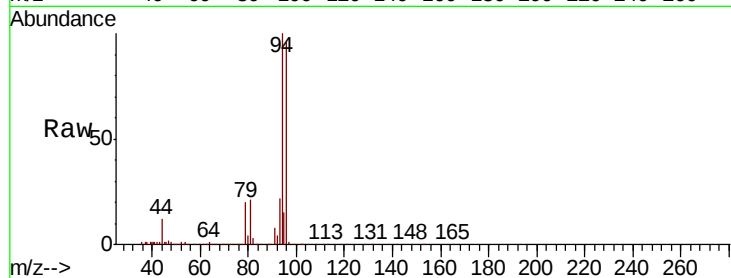
ICVVX091019

Tgt Ion: 94 Resp: 30543

Ion Ratio Lower Upper

94 100

96 96.1 74.0 111.0



#6

Chloroethane

Concen: 48.917 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012251.D

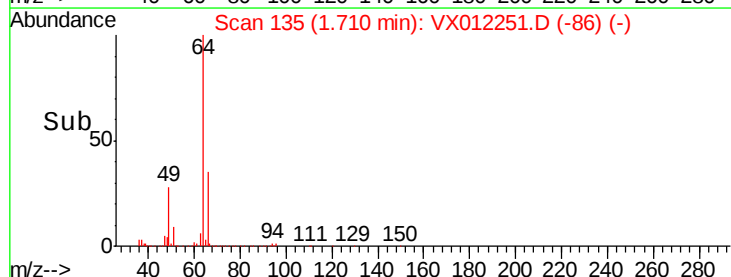
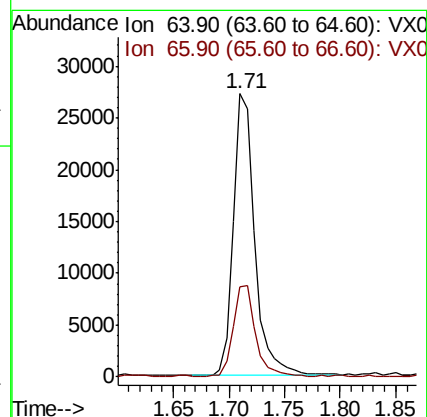
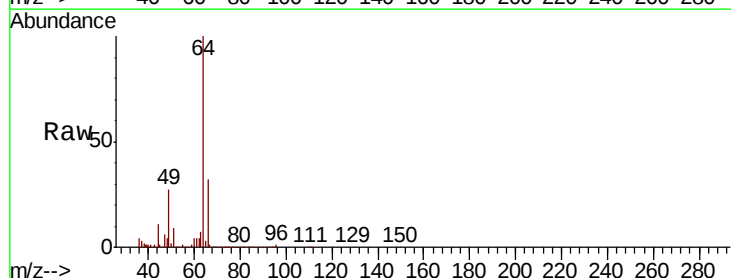
Acq: 10 Sep 2019 12:44

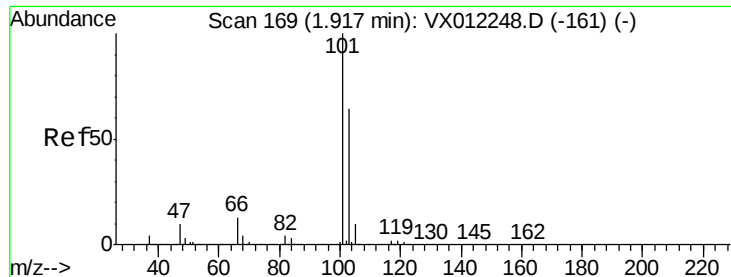
Tgt Ion: 64 Resp: 36207

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.6



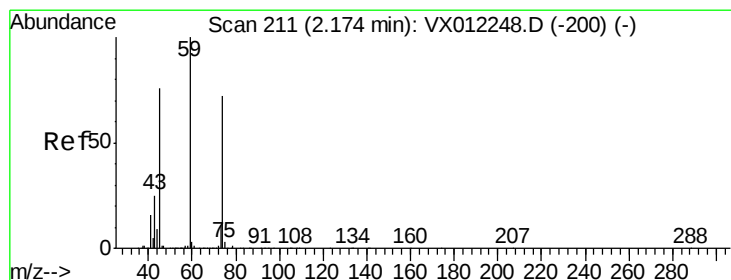
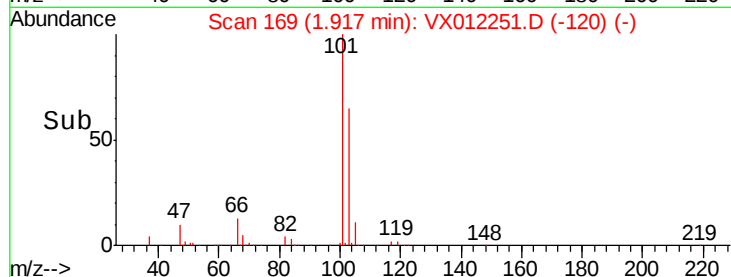
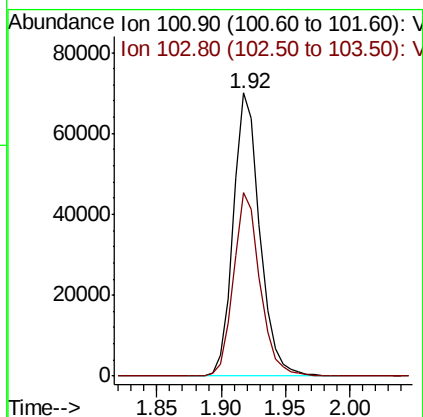
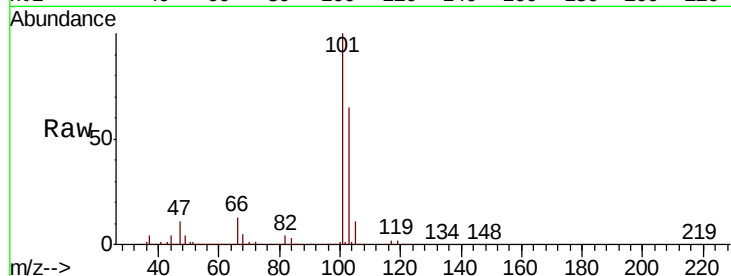


#7

Trichlorofluoromethane
Concen: 50.331 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

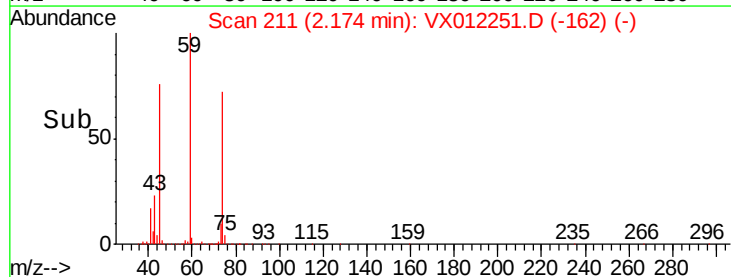
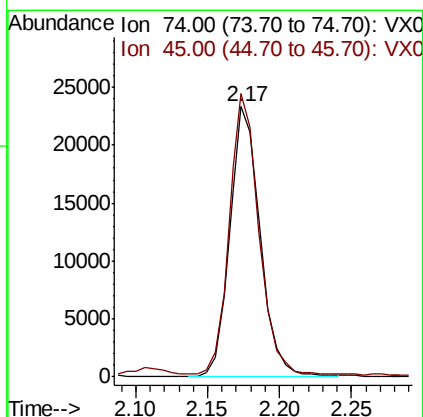
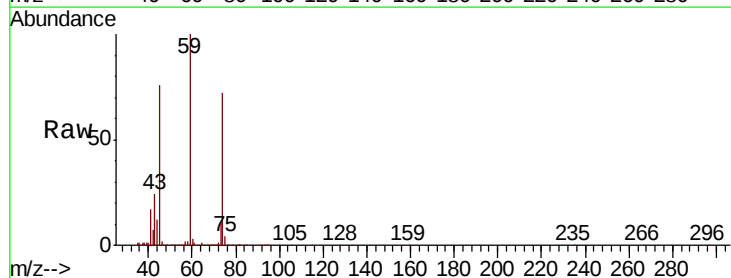
Tgt Ion:101 Resp: 100827
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

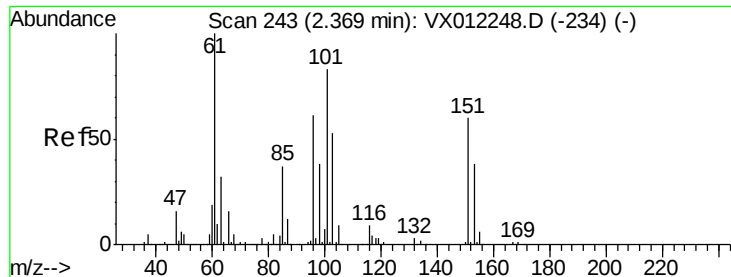


#8

Diethyl Ether
Concen: 50.333 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 74 Resp: 34407
Ion Ratio Lower Upper
74 100
45 101.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.306 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX091019

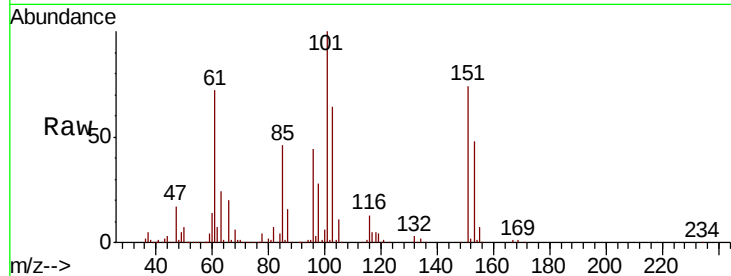
Tgt Ion:101 Resp: 66571

Ion Ratio Lower Upper

101 100

85 45.4 37.0 55.6

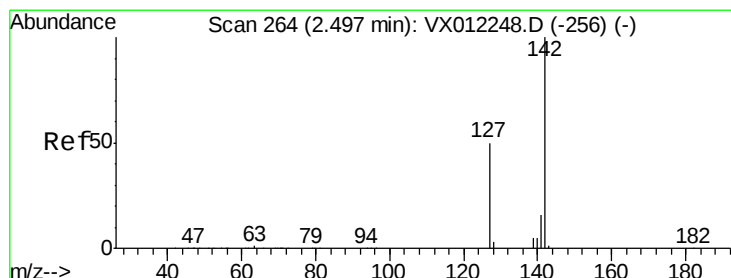
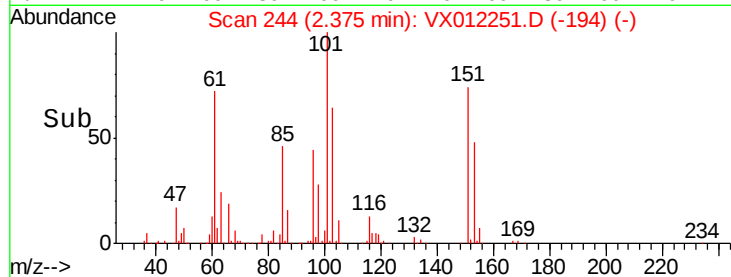
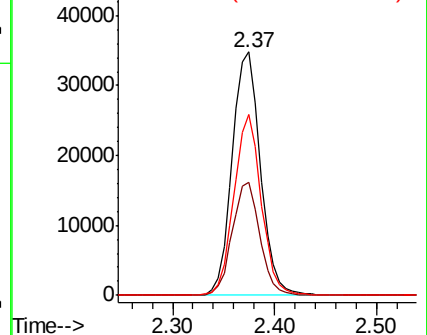
151 71.8 58.6 87.8



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: 55.398 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

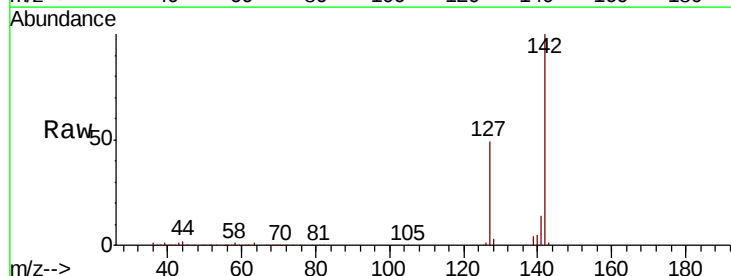
Tgt Ion:142 Resp: 71188

Ion Ratio Lower Upper

142 100

127 50.5 40.6 61.0

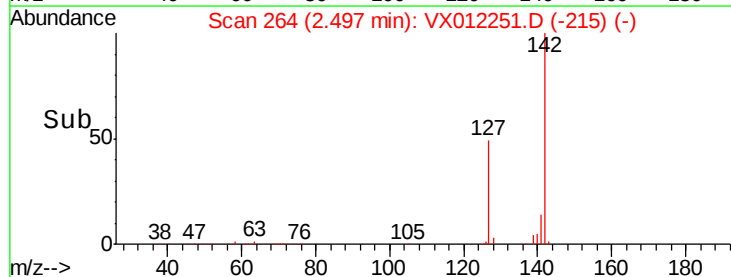
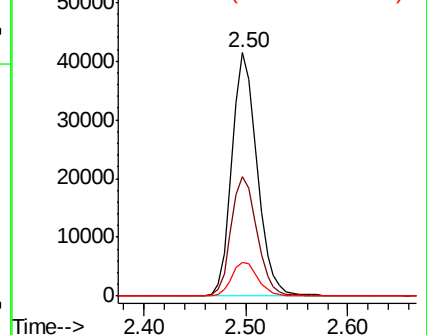
141 14.4 12.0 18.0

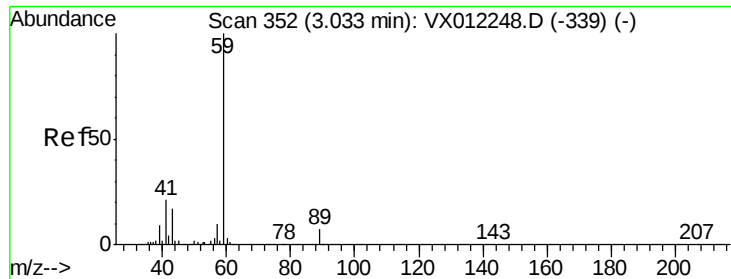


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

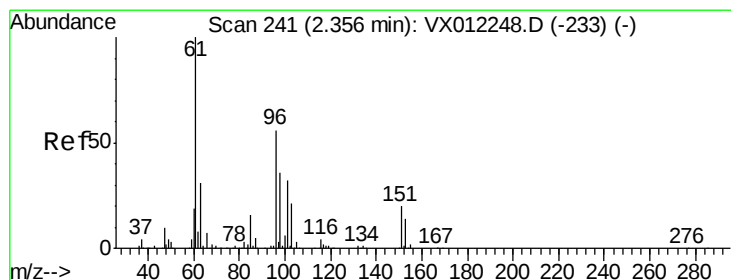
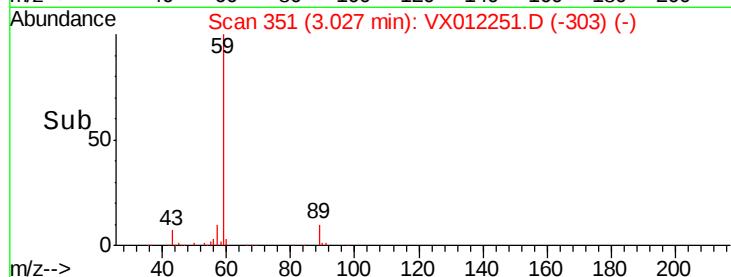
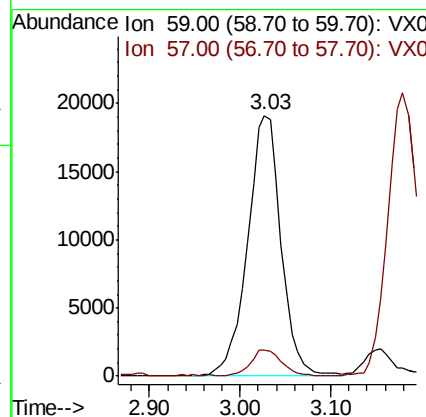
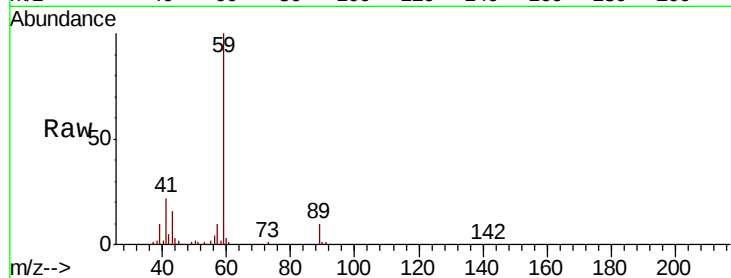




#11
Tert butyl alcohol
Concen: 213.032 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

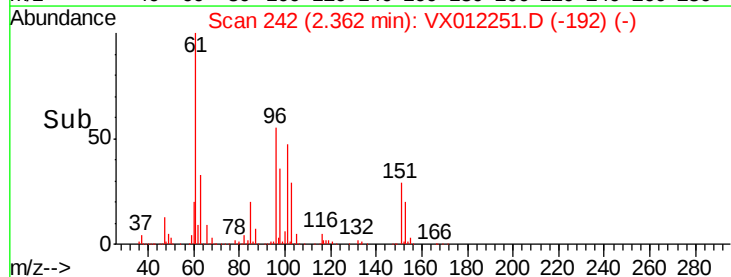
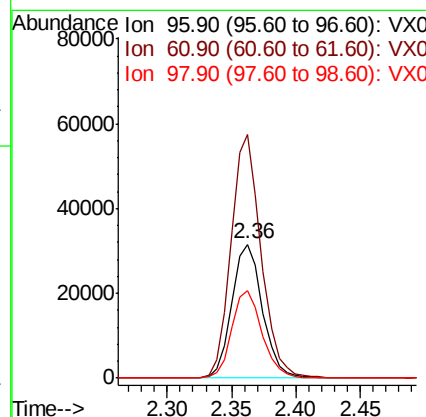
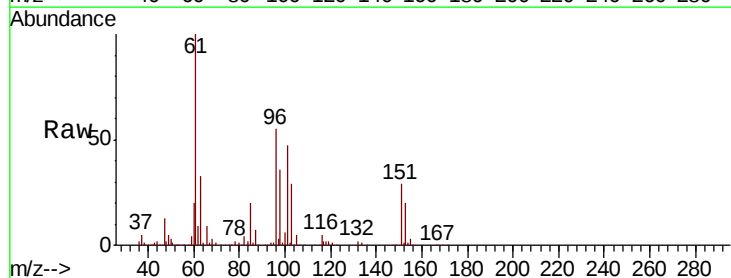
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

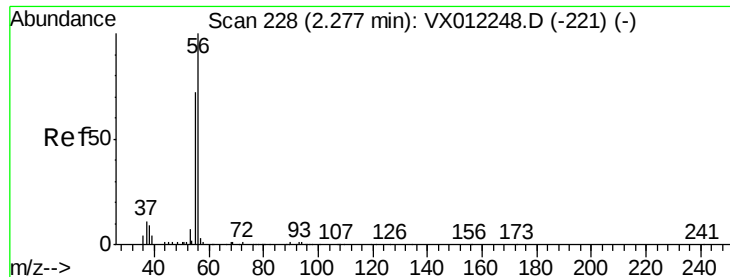
Tgt Ion: 59 Resp: 48756
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 46.044 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 96 Resp: 52778
Ion Ratio Lower Upper
96 100
61 181.9 142.2 213.2
98 65.6 51.3 76.9





#13

Acrolein

Concen: 213.294 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

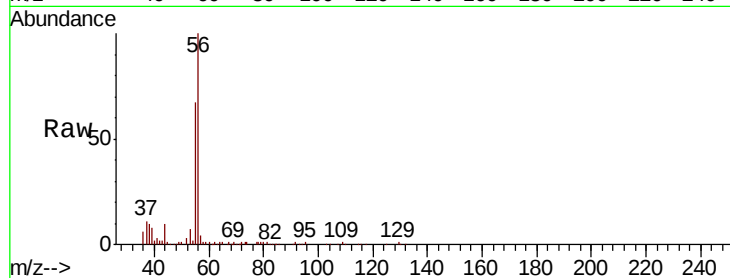
ICVVX091019

Tgt Ion: 56 Resp: 23879

Ion Ratio Lower Upper

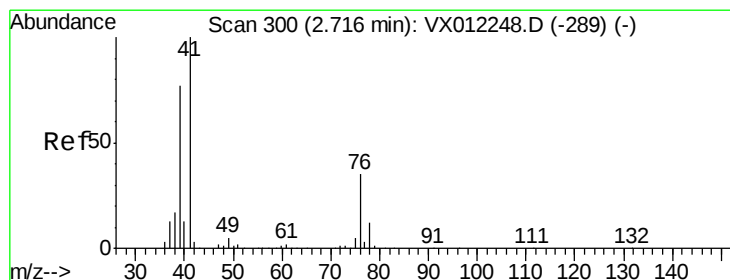
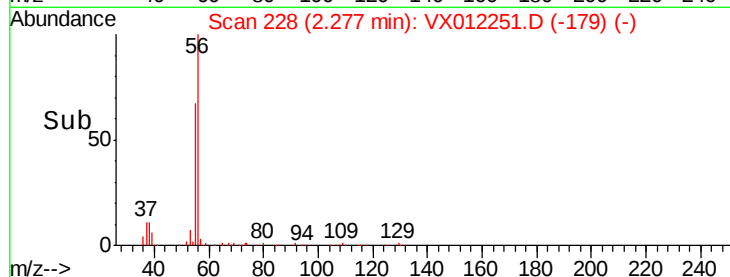
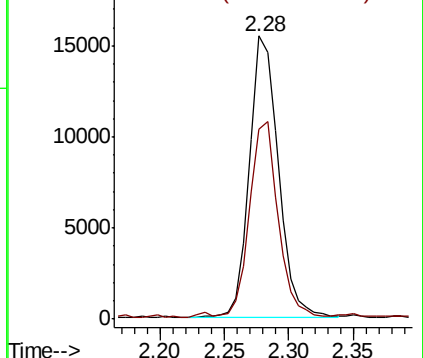
56 100

55 67.6 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.570 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

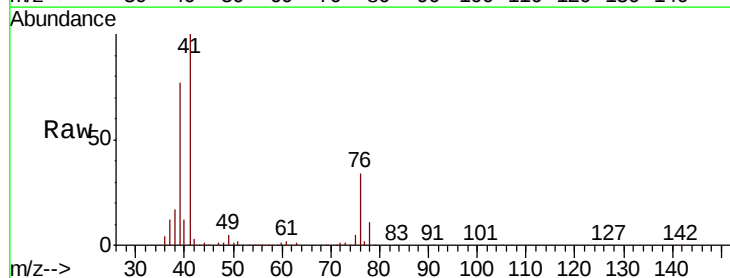
Tgt Ion: 41 Resp: 120517

Ion Ratio Lower Upper

41 100

39 73.4 58.6 87.8

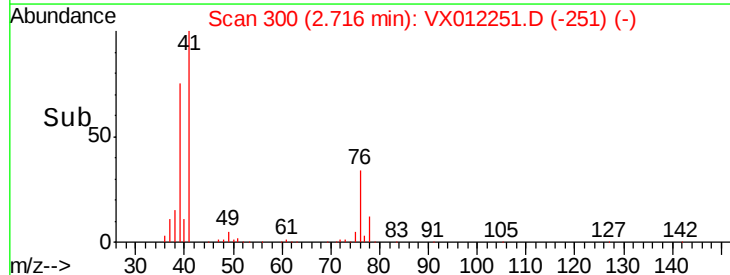
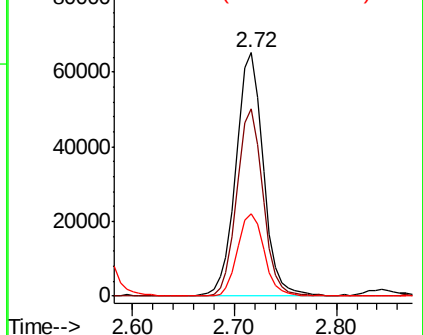
76 33.5 26.3 39.5

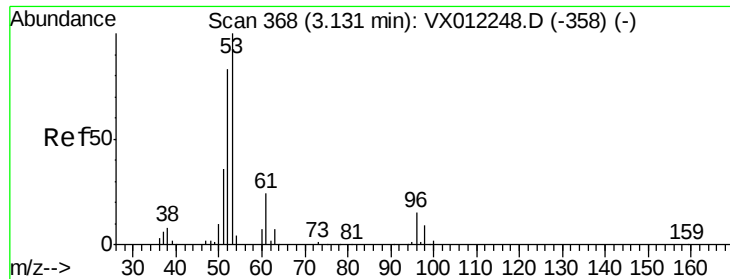


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

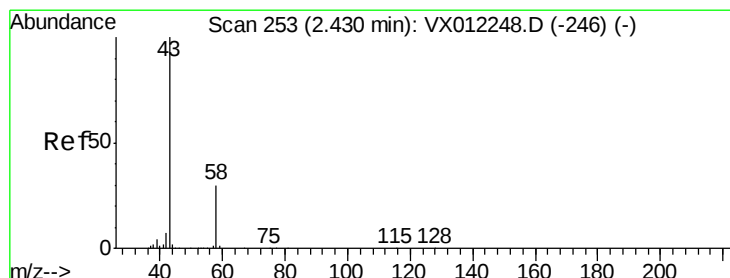
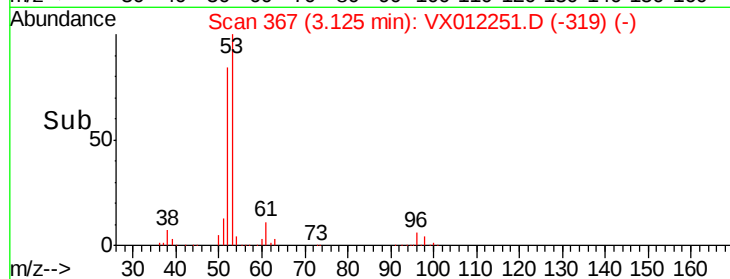
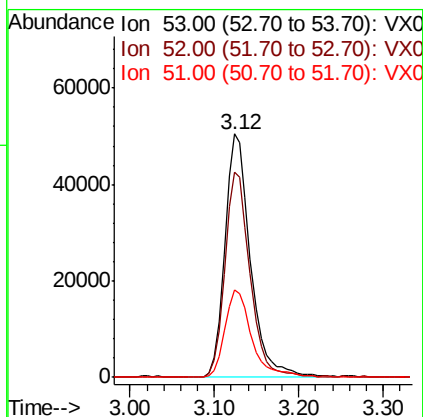
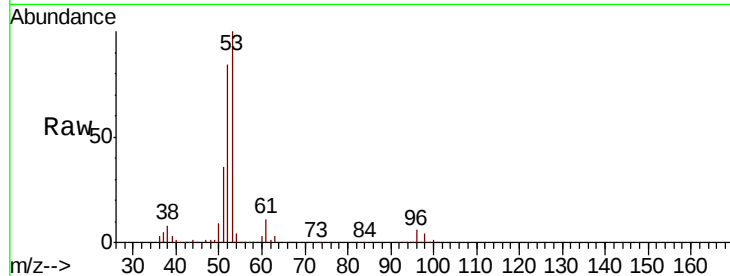




#15
 Acrylonitrile
 Concen: 245.551 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

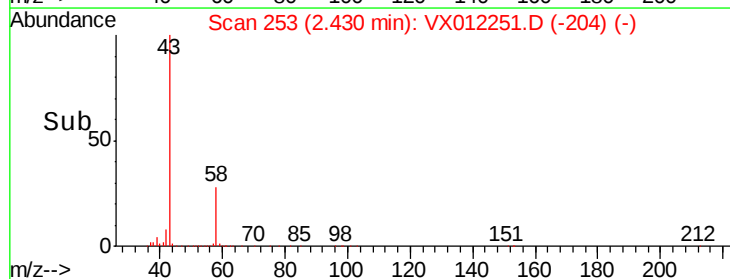
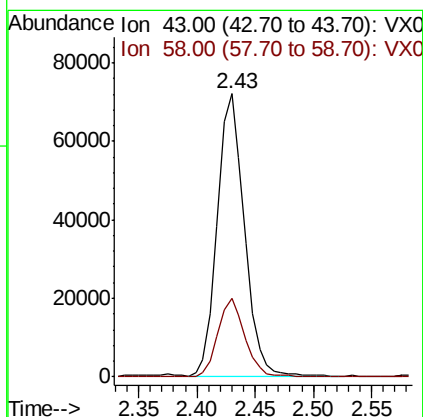
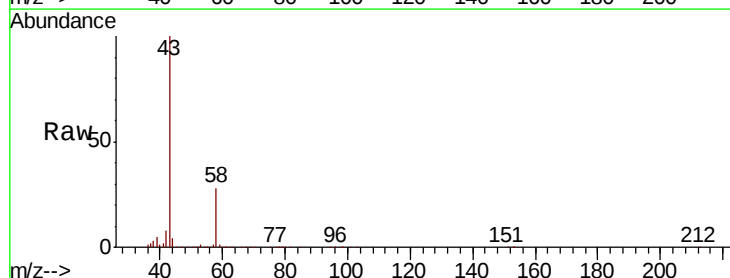
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

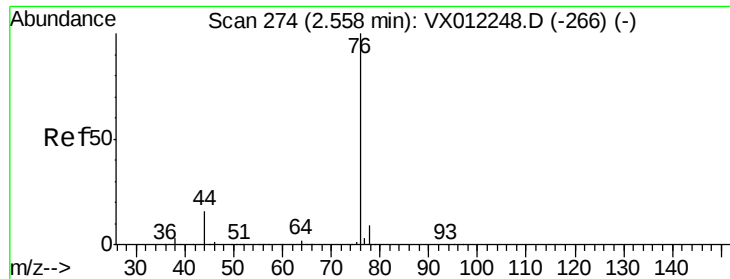
Tgt Ion: 53 Resp: 103760
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.8 100.2
 51 37.8 30.7 46.1



#16
 Acetone
 Concen: 226.511 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 43 Resp: 114839
 Ion Ratio Lower Upper
 43 100
 58 27.7 23.6 35.4

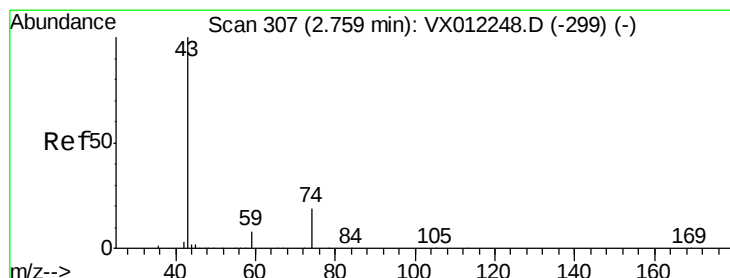
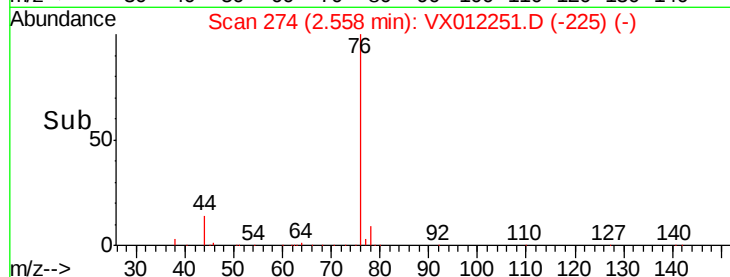
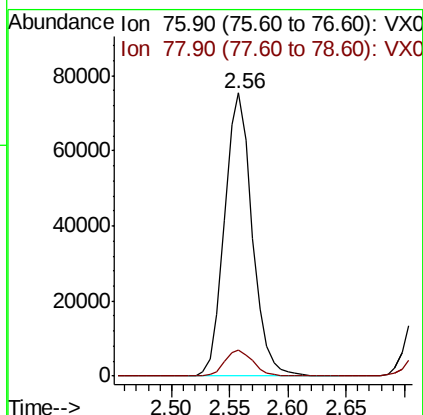
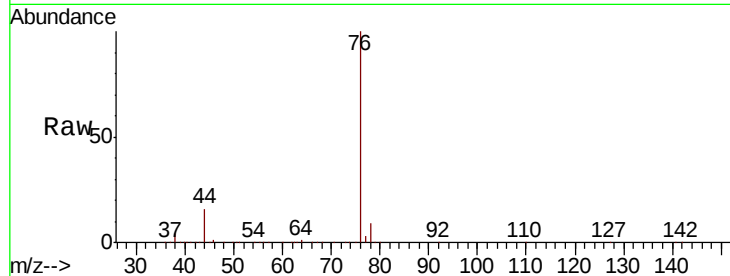




#17
Carbon Disulfide
Concen: 51.664 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

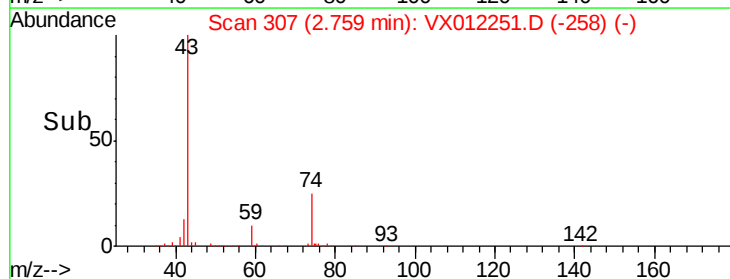
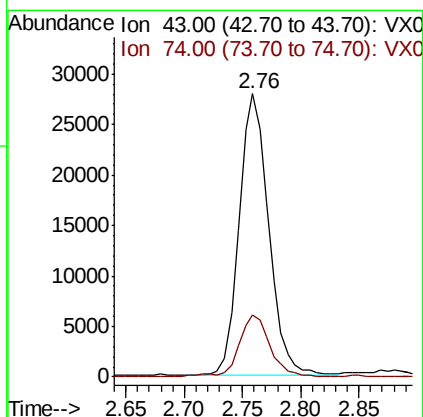
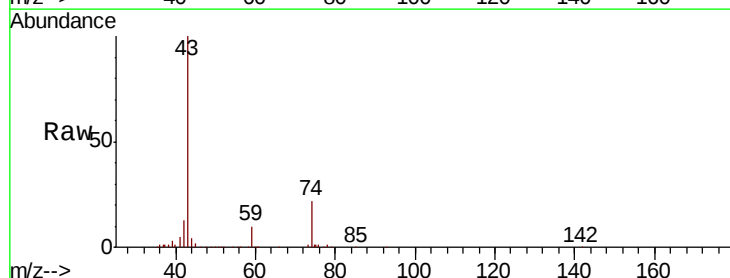
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

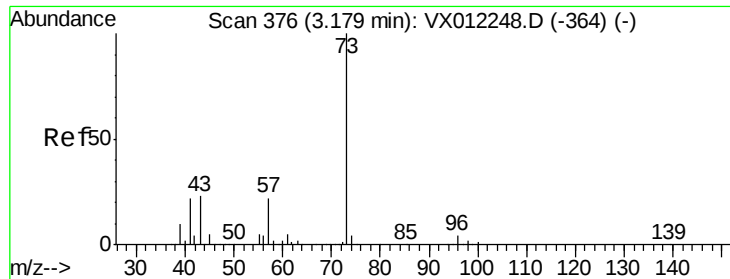
Tgt Ion: 76 Resp: 124358
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 46.395 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 43 Resp: 49440
Ion Ratio Lower Upper
43 100
74 23.4 18.3 27.5



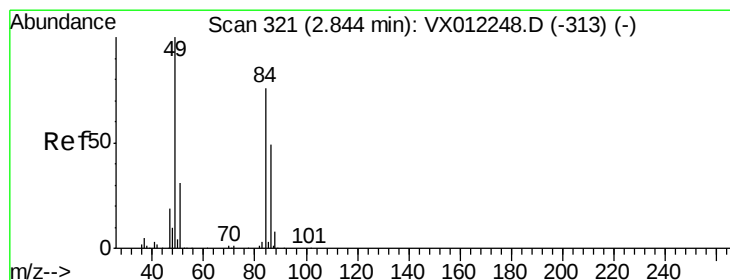
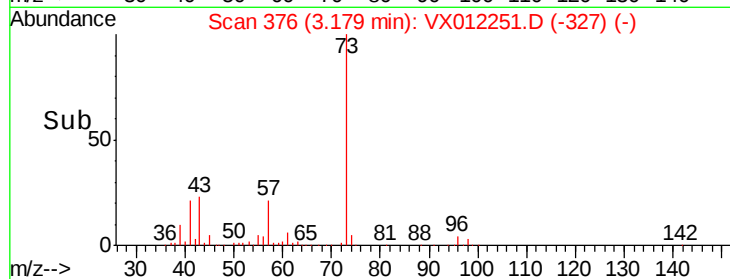
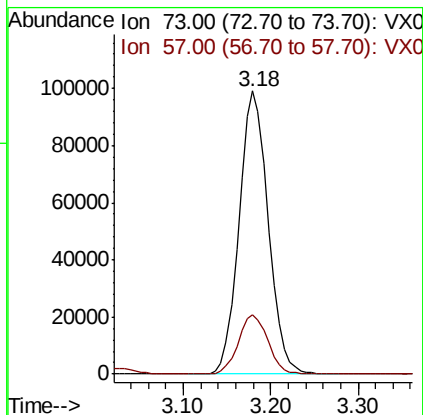
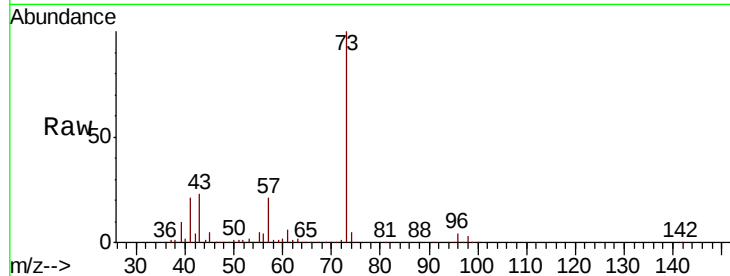


#19

Methyl tert-butyl Ether
 Concen: 50.474 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

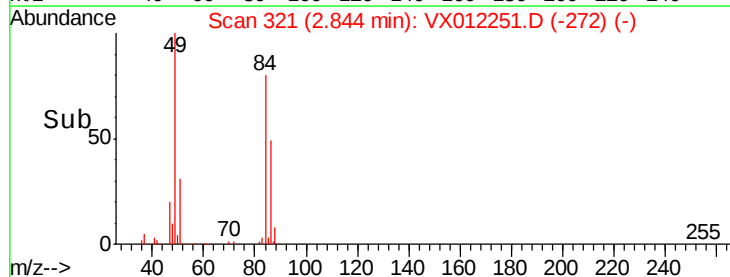
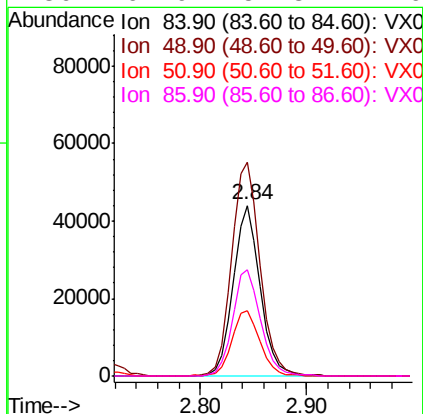
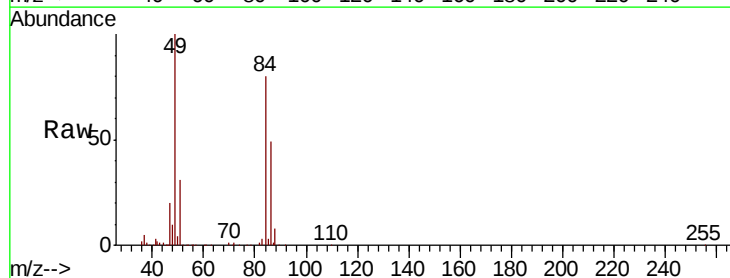
Tgt Ion: 73 Resp: 228478
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.7 26.5

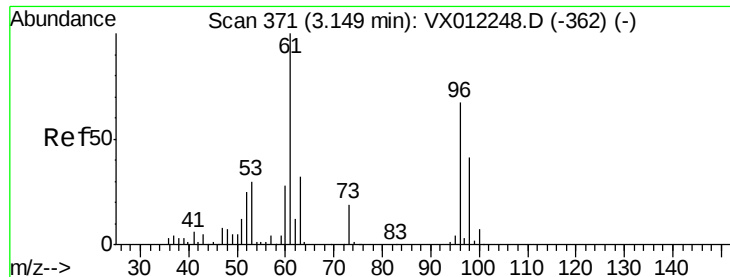


#20

Methylene Chloride
 Concen: 49.397 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 84 Resp: 78183
 Ion Ratio Lower Upper
 84 100
 49 125.0 105.0 157.6
 51 38.4 32.6 48.8
 86 61.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.342 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

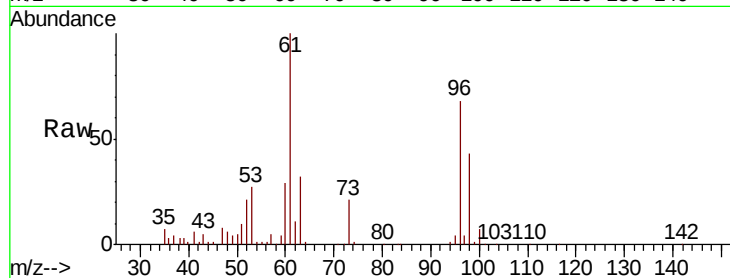
Tgt Ion: 96 Resp: 68846

Ion Ratio Lower Upper

96 100

61 146.7 119.4 179.2

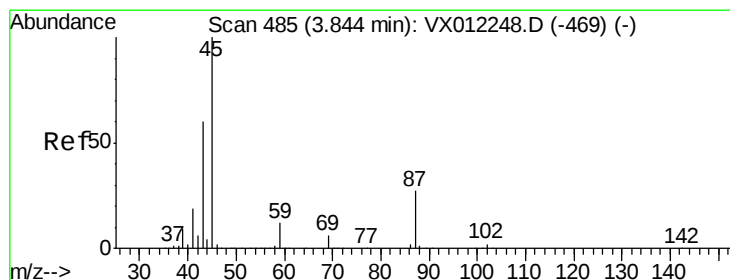
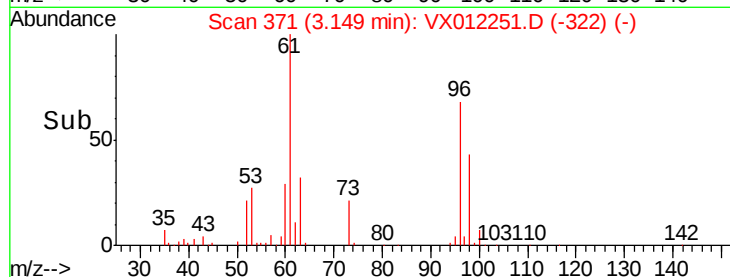
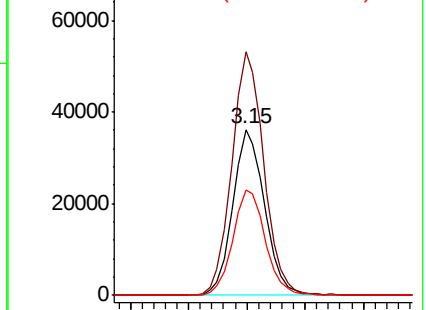
98 63.3 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.318 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Tgt Ion: 45 Resp: 274272

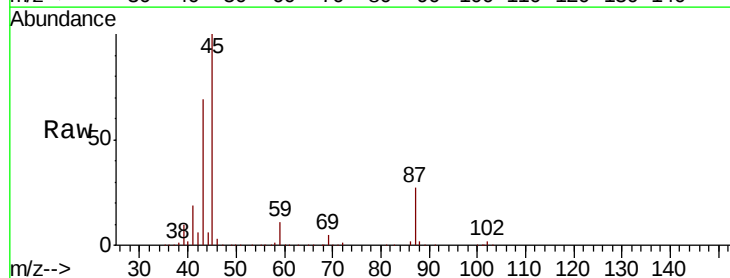
Ion Ratio Lower Upper

45 100

43 69.3 48.3 72.5

87 27.1 21.8 32.8

59 11.5 9.1 13.7

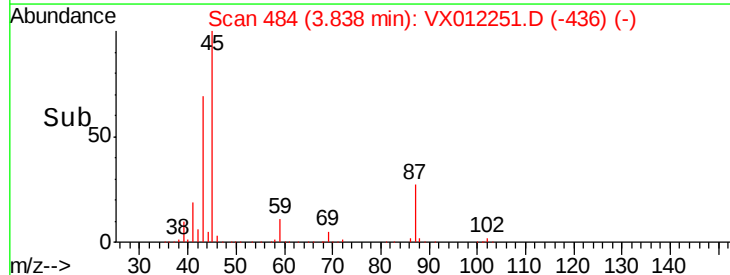
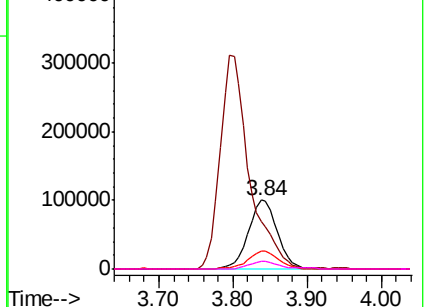


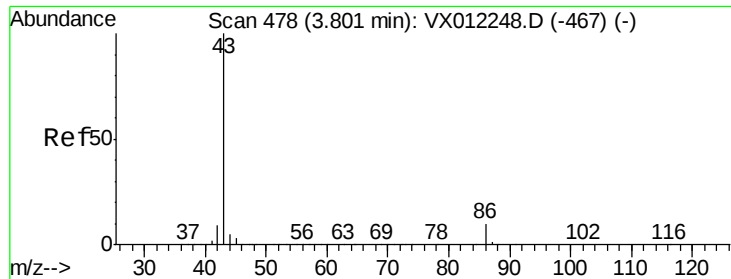
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

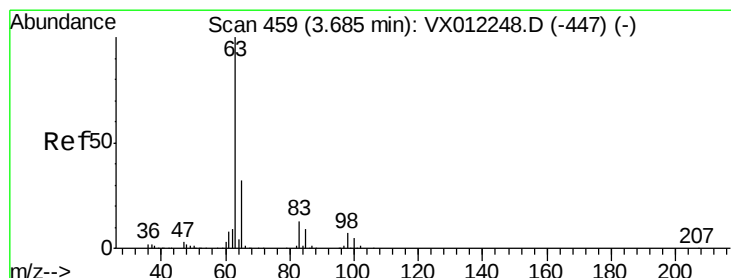
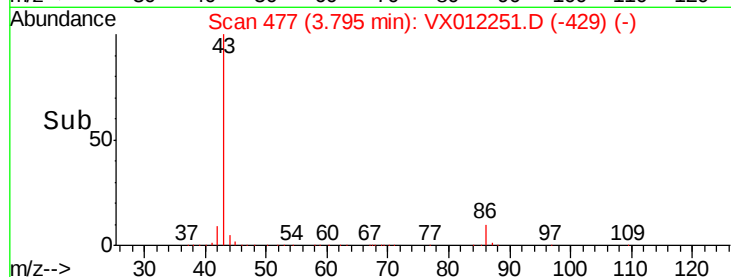
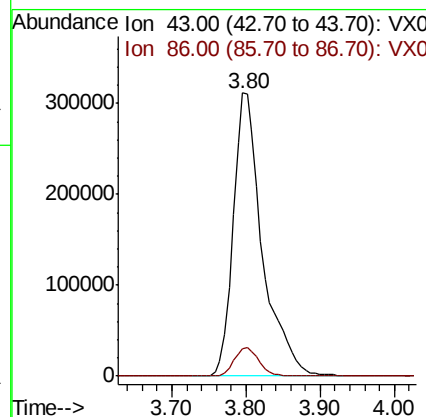
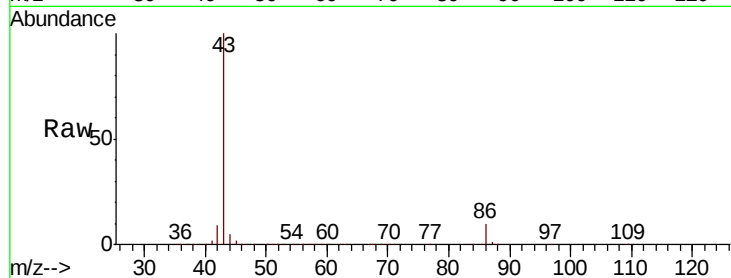




#23
 Vinyl Acetate
 Concen: 260.384 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

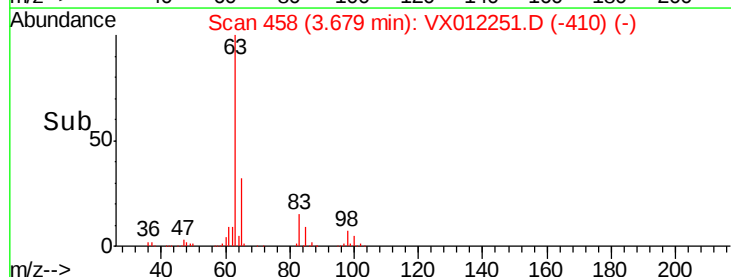
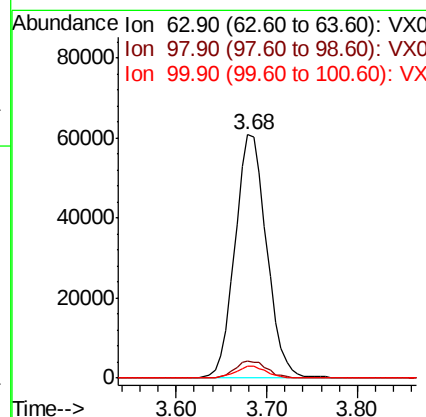
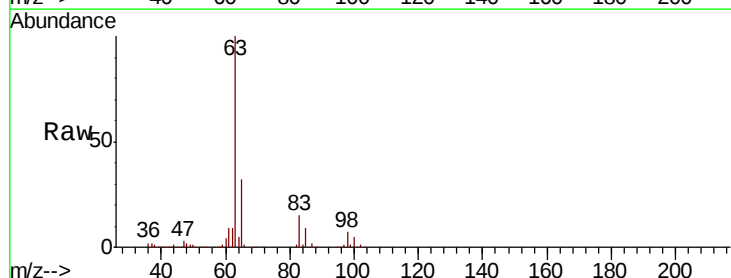
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

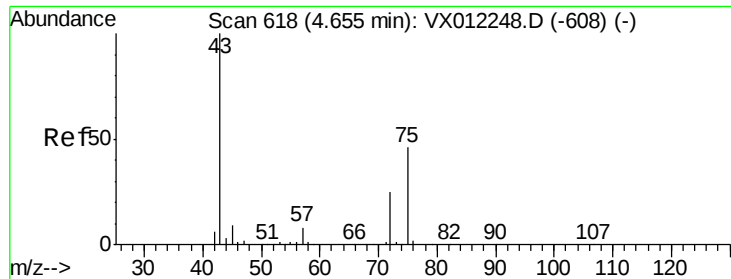
Tgt Ion: 43 Resp: 853824
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.365 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 63 Resp: 147048
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 238.139 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

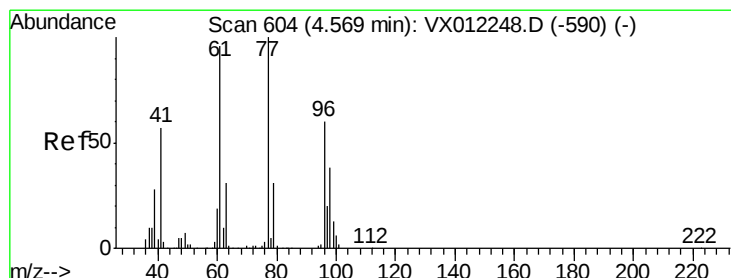
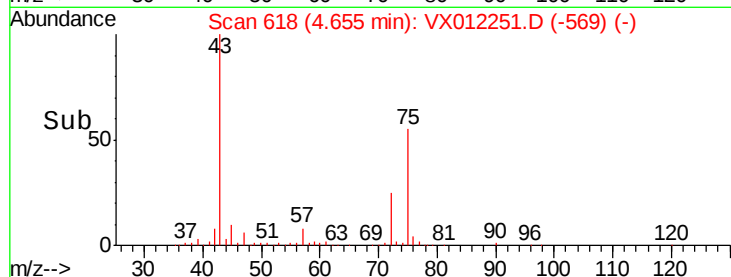
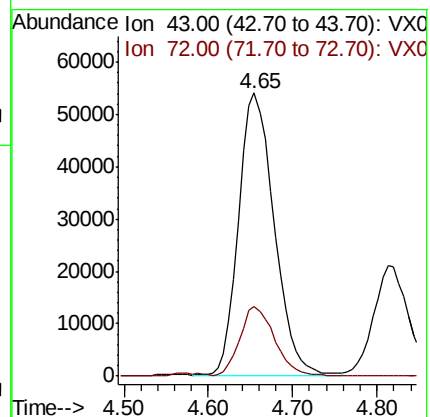
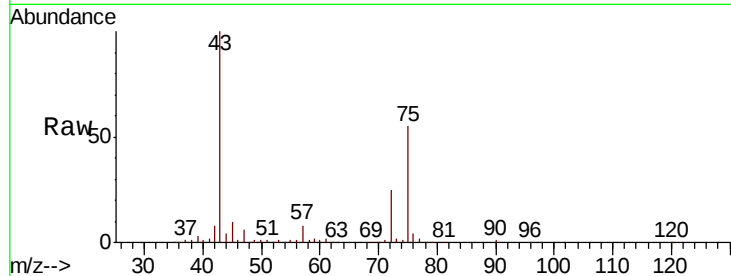
ICVVX091019

Tgt Ion: 43 Resp: 154341

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 53.295 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012251.D

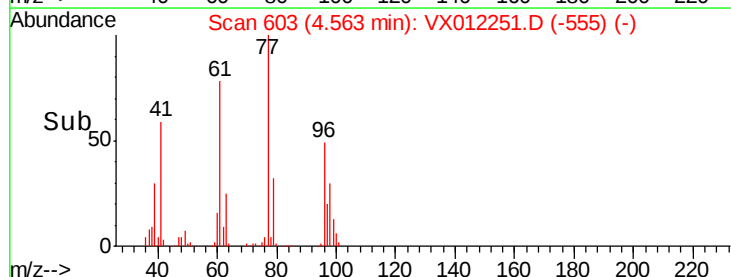
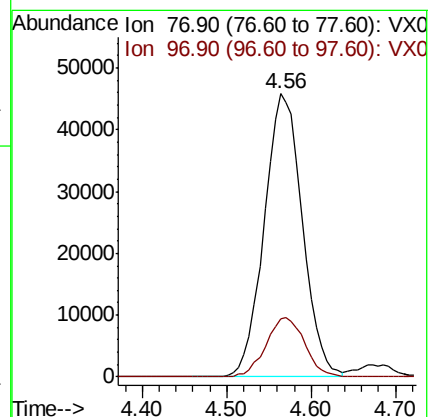
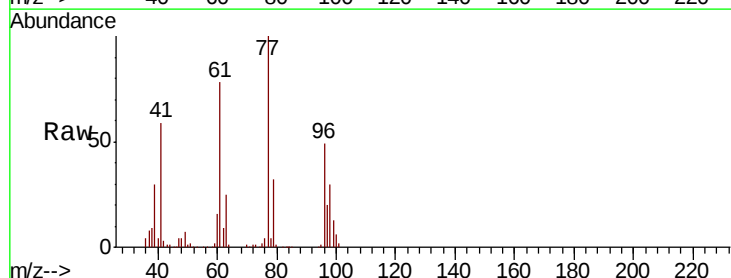
Acq: 10 Sep 2019 12:44

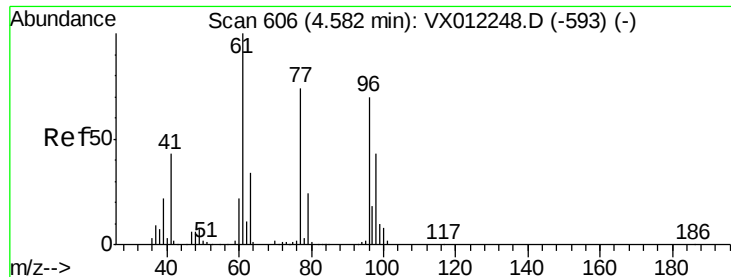
Tgt Ion: 77 Resp: 143242

Ion Ratio Lower Upper

77 100

97 21.2 10.7 32.1



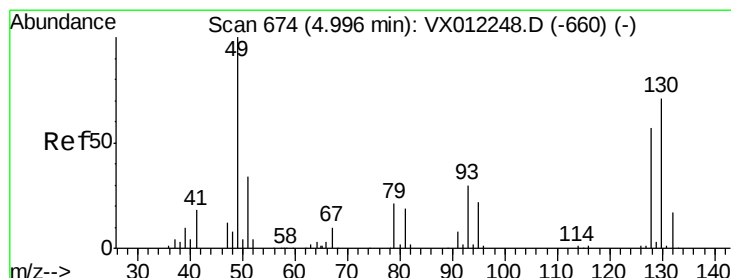
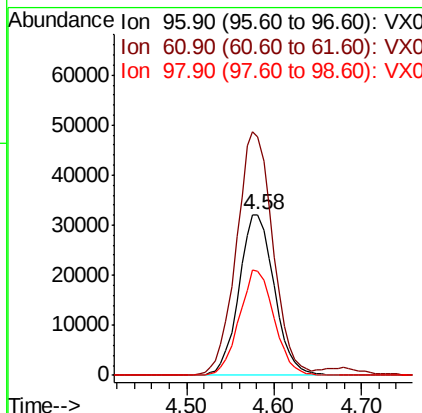
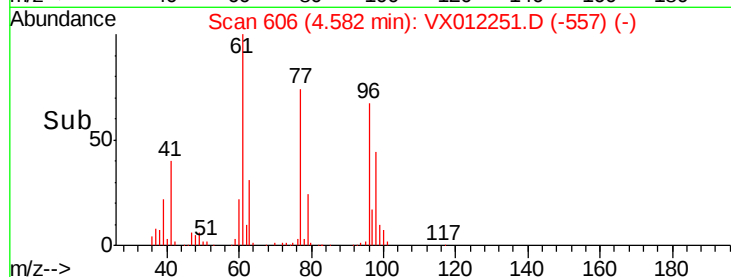
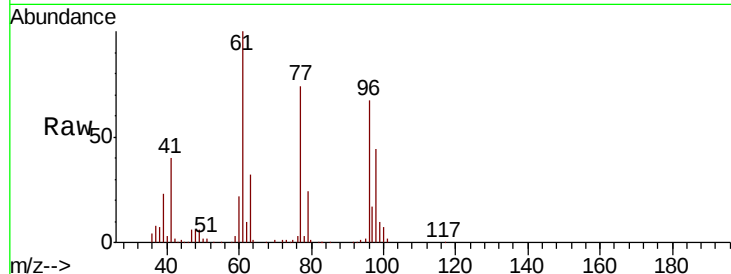


#27

cis-1,2-Dichloroethene
 Concen: 51.064 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

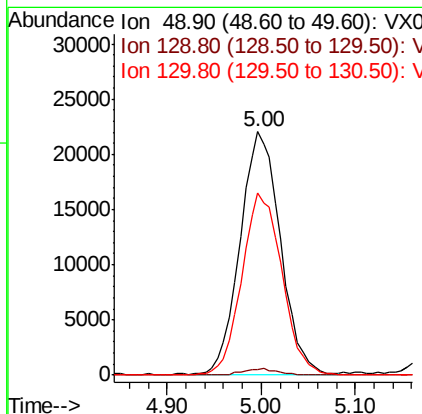
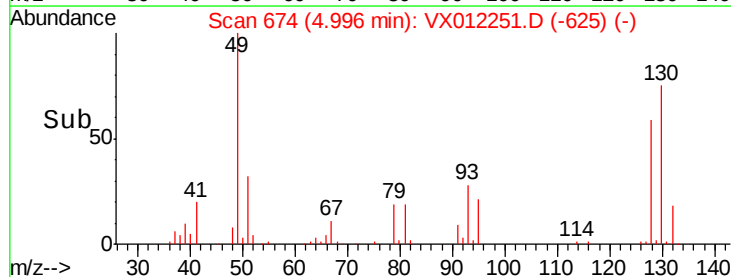
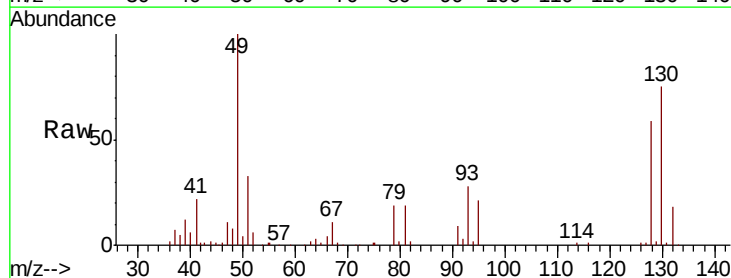
Tgt Ion: 96 Resp: 90157
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 310.4
 98 64.6 0.0 128.8

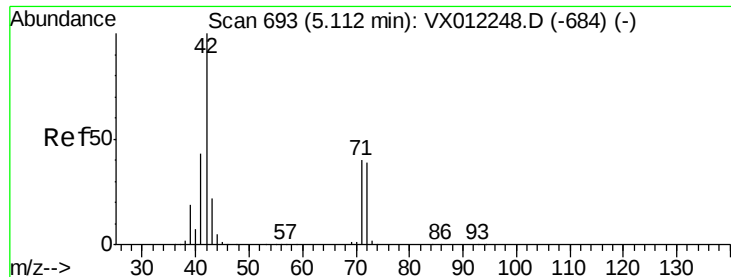


#28

Bromochloromethane
 Concen: 48.595 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 49 Resp: 65246
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 75.0 60.1 90.1

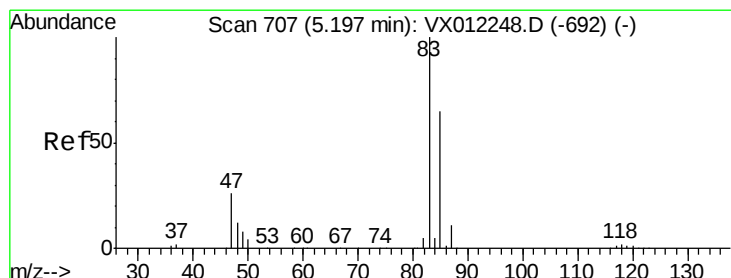
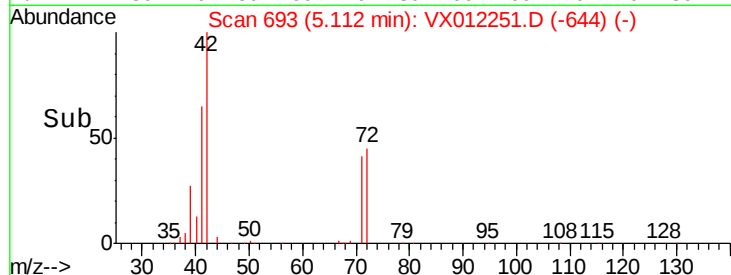
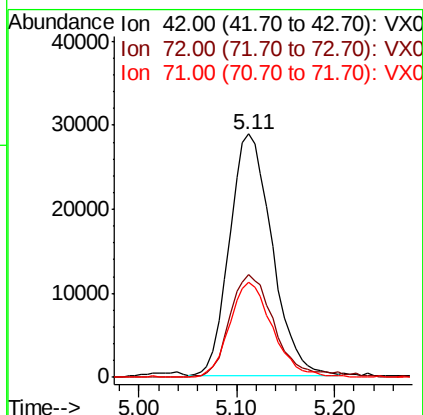
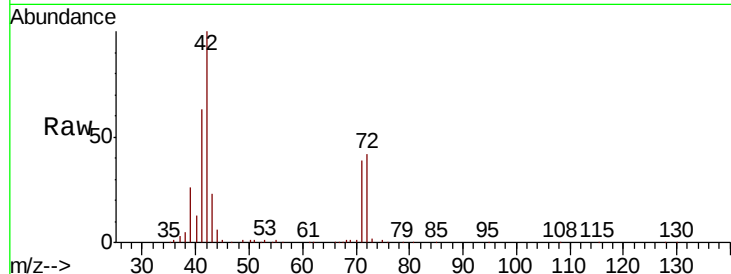




#29
Tetrahydrofuran
Concen: 247.537 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

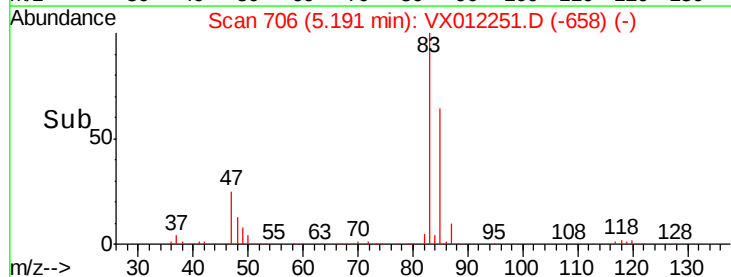
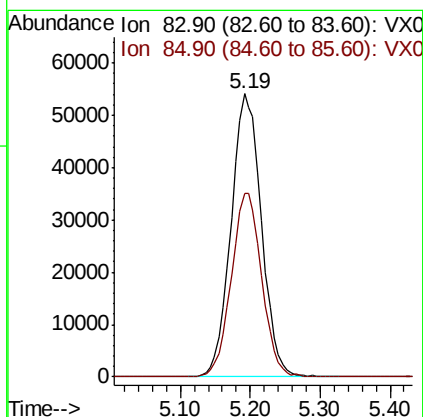
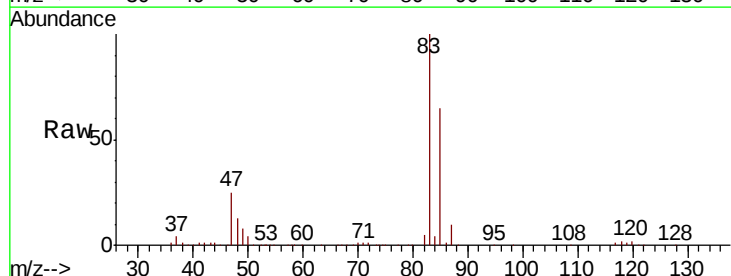
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

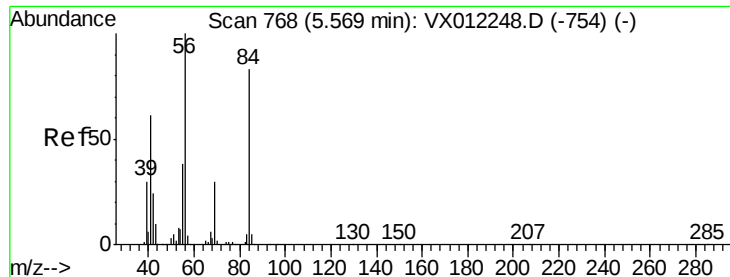
Tgt Ion:	42	Resp:	86560
Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.2	52.8
71	40.0	32.5	48.7



#30
Chloroform
Concen: 50.364 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion:	83	Resp:	162586
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.3	78.5

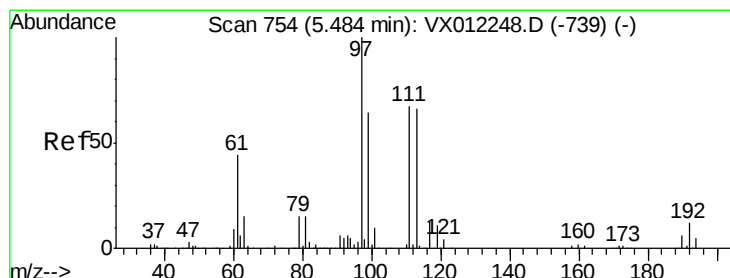
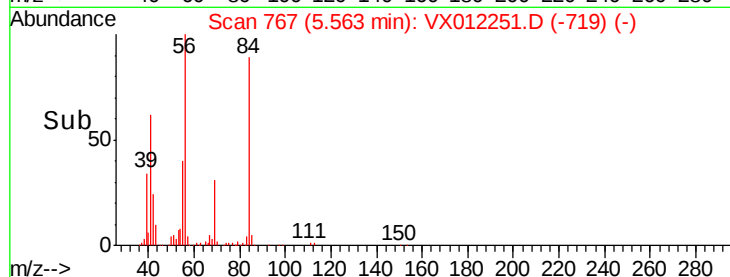
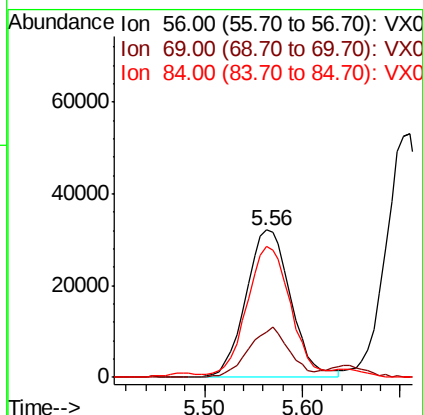
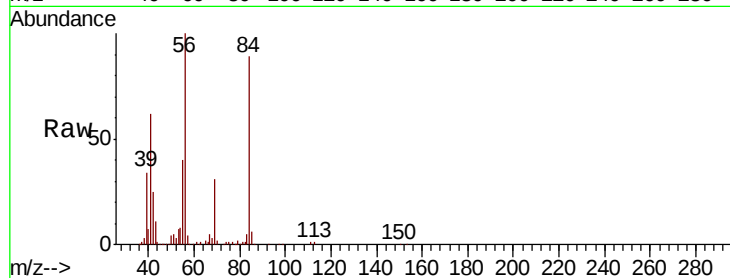




#31
Cyclohexane
Concen: 51.625 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

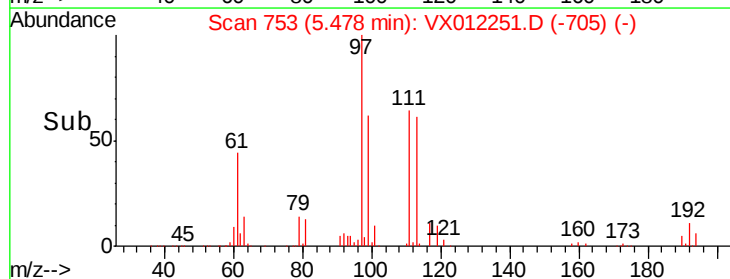
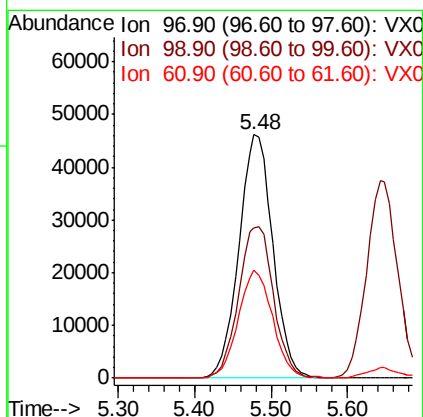
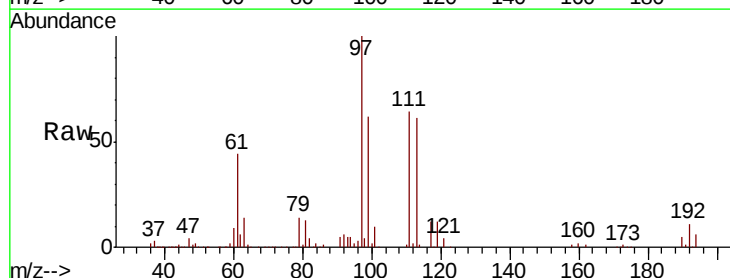
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

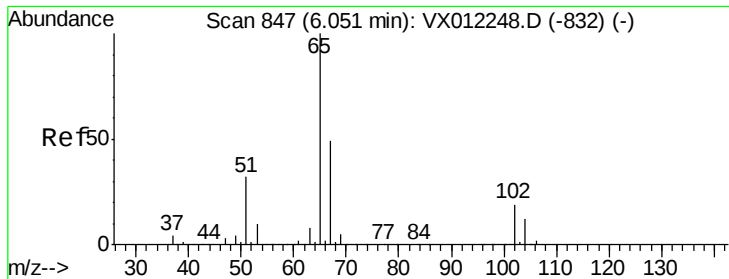
Tgt Ion: 56 Resp: 102662
Ion Ratio Lower Upper
56 100
69 31.0 23.8 35.6
84 86.3 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 51.305 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 97 Resp: 142214
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 44.7 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 49.212 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

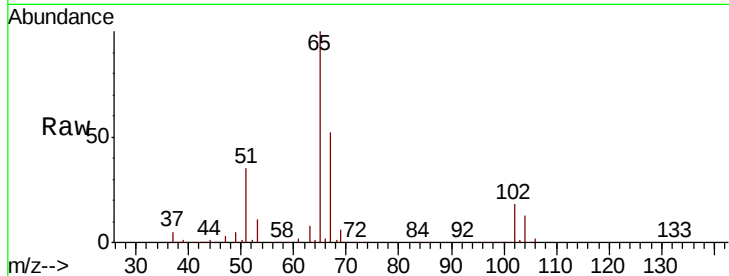
ICVVX091019

Tgt Ion: 65 Resp: 105395

Ion Ratio Lower Upper

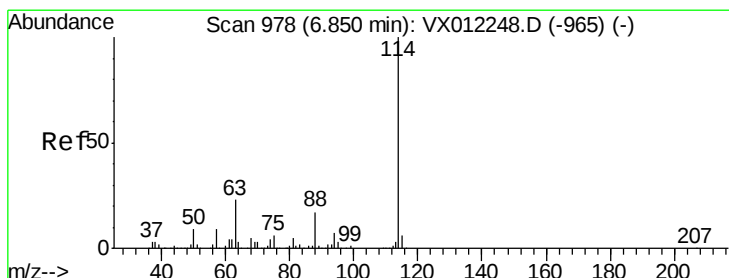
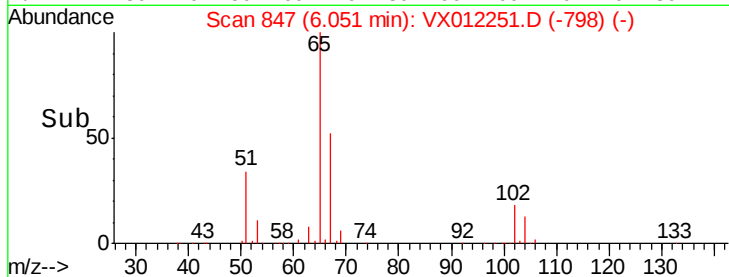
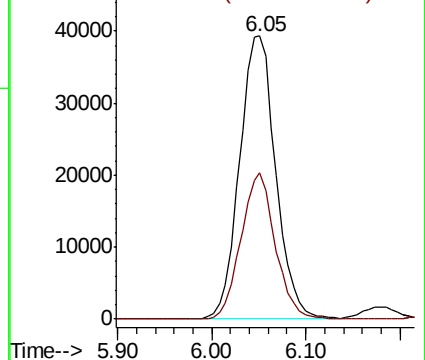
65 100

67 48.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

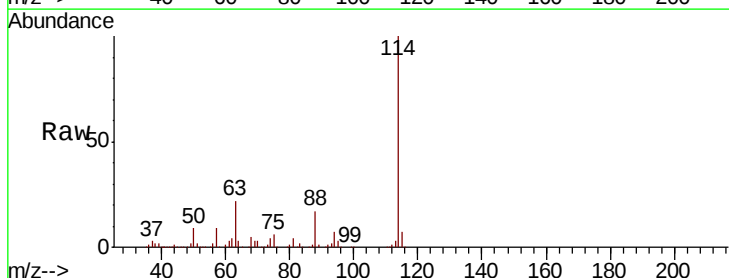
Tgt Ion: 114 Resp: 267146

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

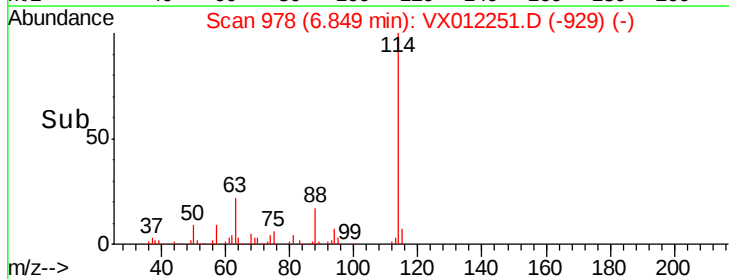
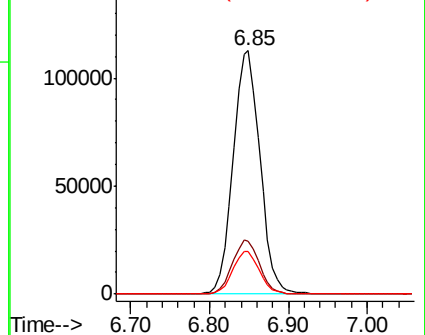
88 17.4 0.0 34.8

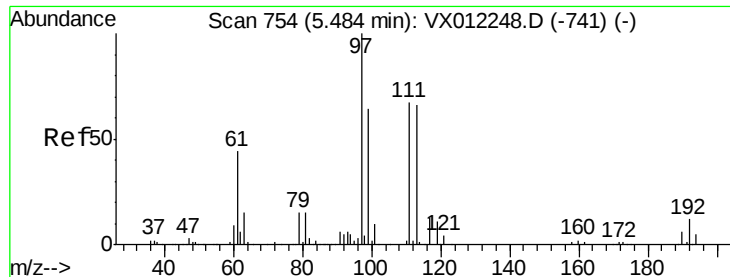


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.385 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

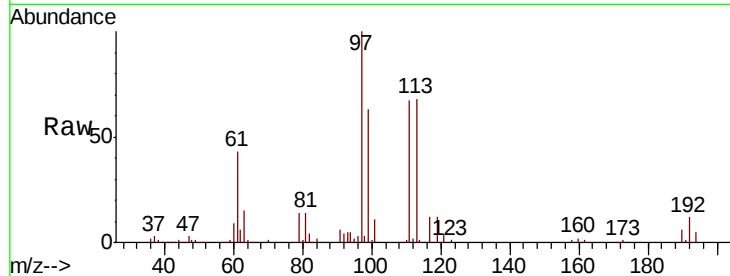
Tgt Ion:113 Resp: 84574

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

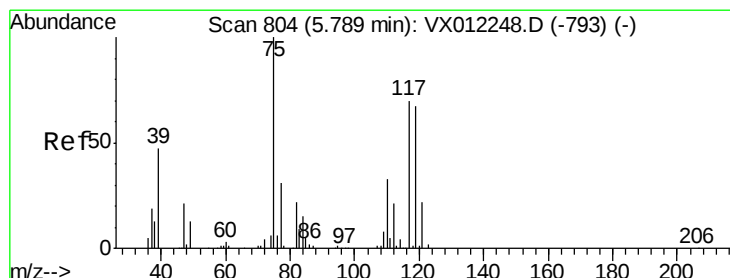
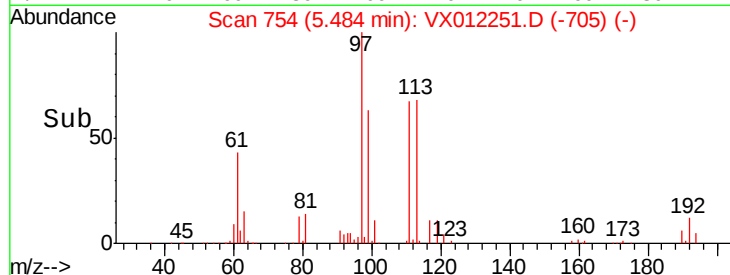
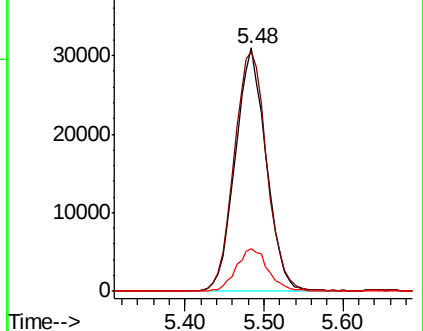
192 18.0 14.3 21.5



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: 52.955 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

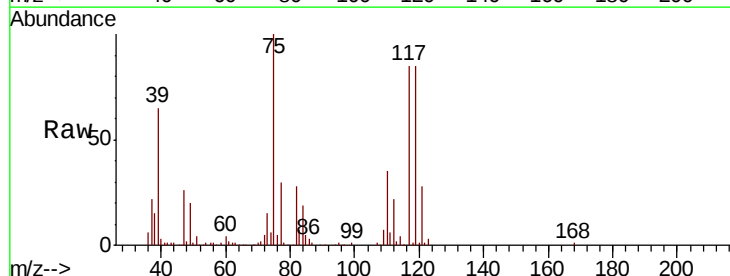
Tgt Ion: 75 Resp: 103153

Ion Ratio Lower Upper

75 100

110 33.8 16.8 50.4

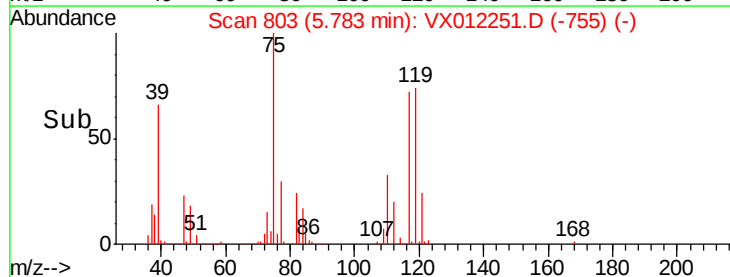
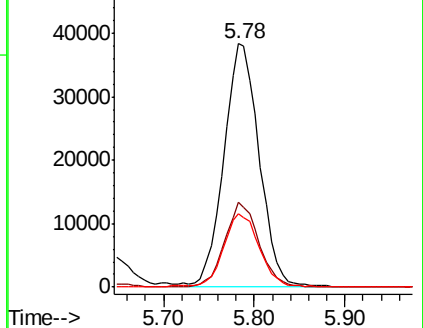
77 31.1 24.5 36.7

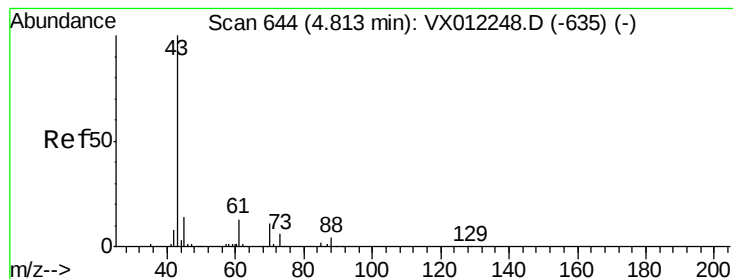


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.805 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

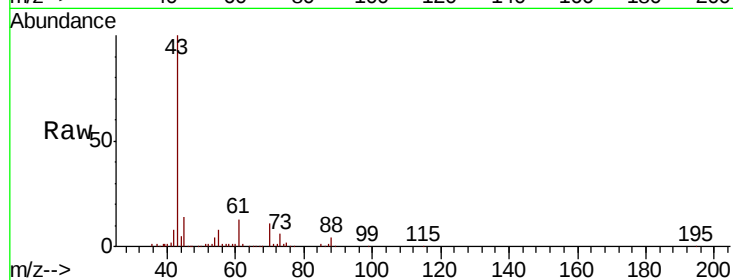
Tgt Ion: 43 Resp: 62381

Ion Ratio Lower Upper

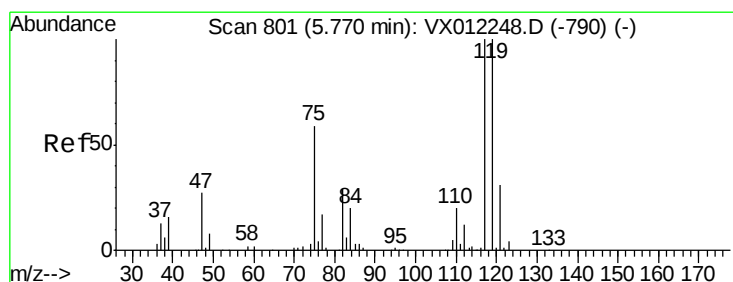
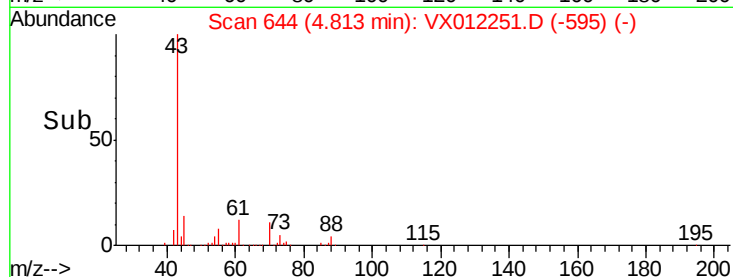
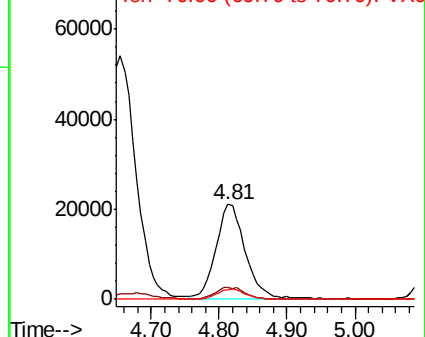
43 100

61 12.7 10.3 15.5

70 11.1 9.1 13.7



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: 52.398 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

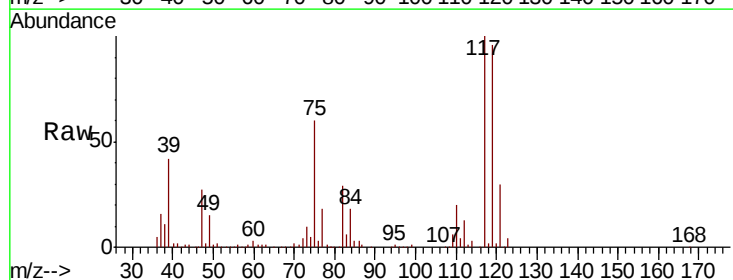
Tgt Ion: 117 Resp: 119752

Ion Ratio Lower Upper

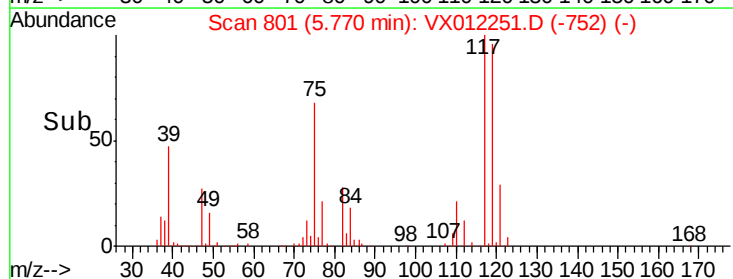
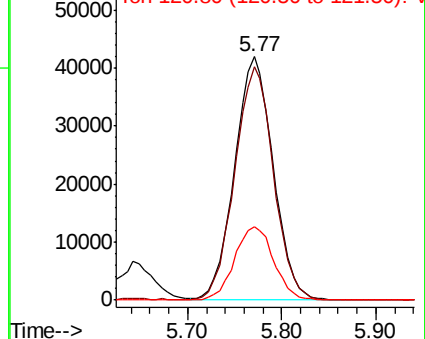
117 100

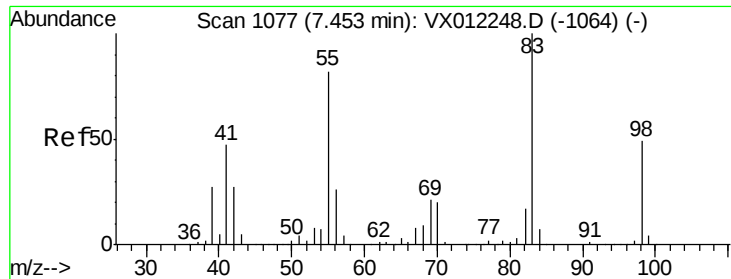
119 95.8 79.6 119.4

121 30.0 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

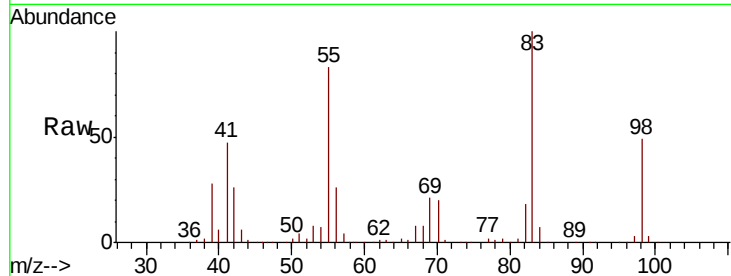




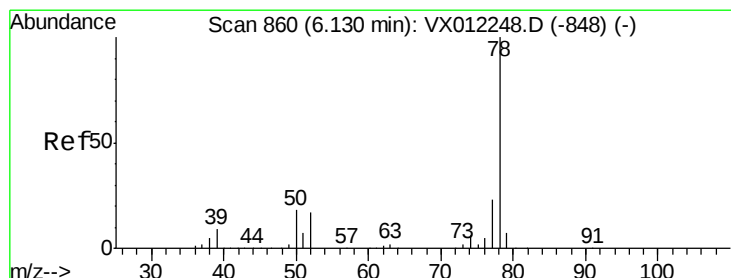
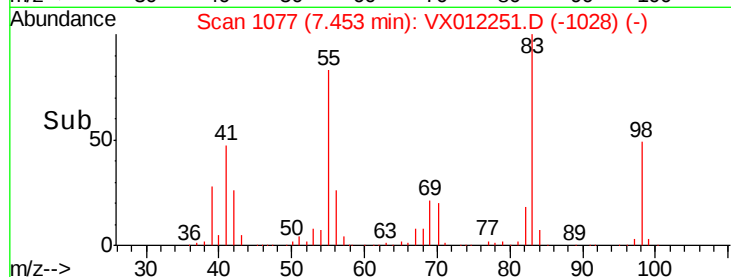
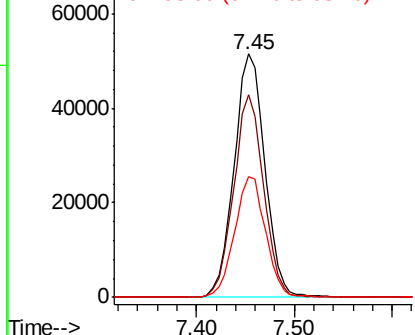
#39
Methylcyclohexane
Concen: 52.738 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

Tgt Ion: 83 Resp: 112739
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.2
98 49.5 39.6 59.4

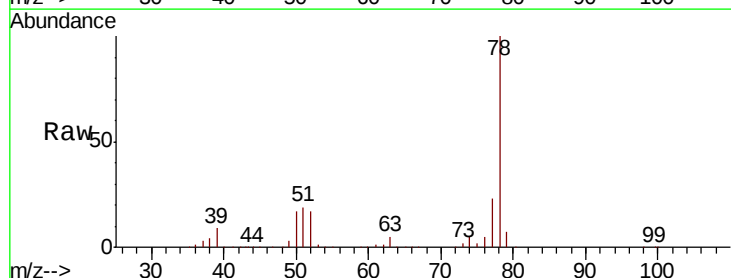


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

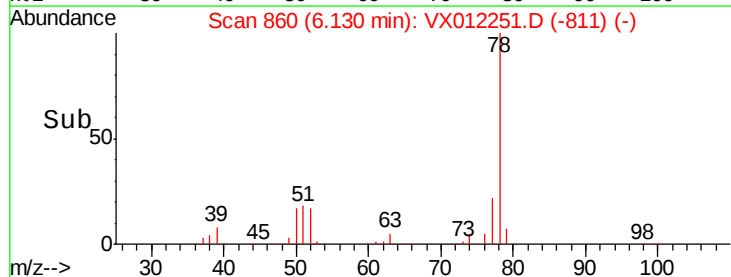
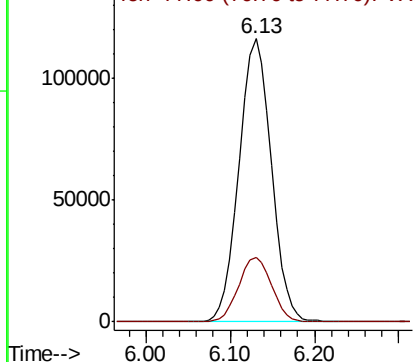


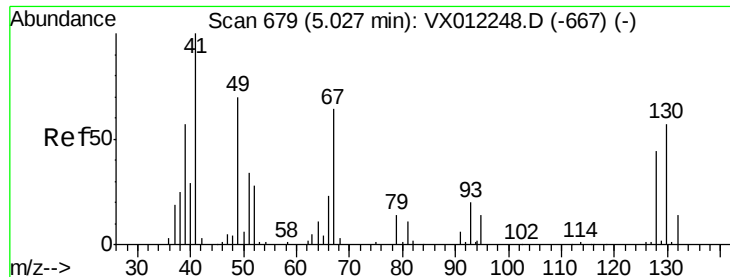
#40
Benzene
Concen: 51.310 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 78 Resp: 302501
Ion Ratio Lower Upper
78 100
77 22.8 18.0 27.0



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





#41

Methacrylonitrile

Concen: 50.248 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX091019

Tgt Ion: 41 Resp: 37301

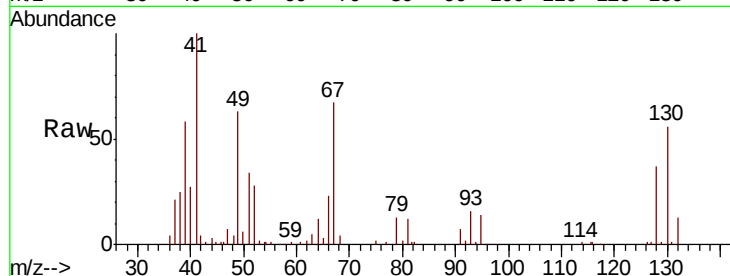
Ion Ratio Lower Upper

41 100

39 63.9 49.0 73.4

67 66.9 55.0 82.4

52 32.6 25.4 38.0



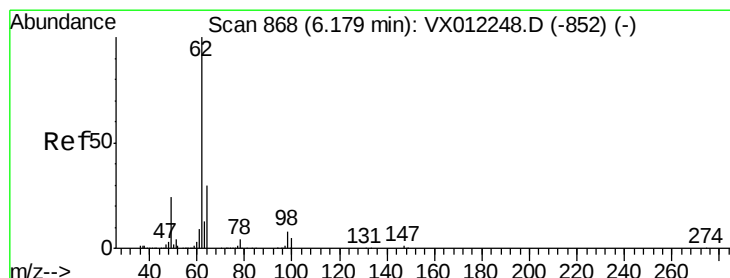
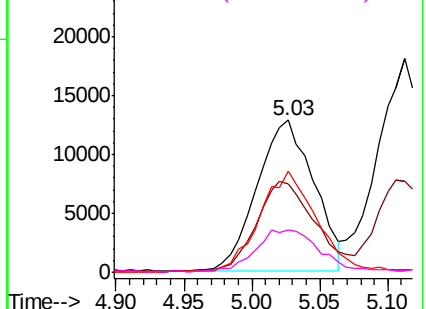
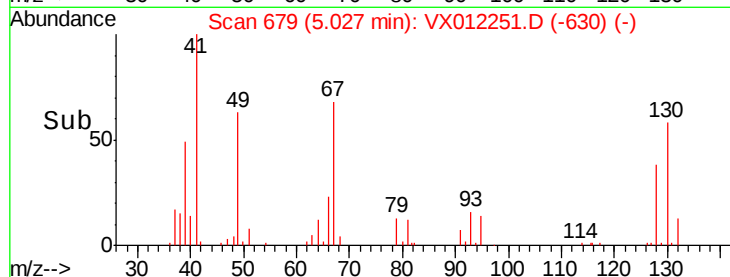
Abundance

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: 50.525 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012251.D

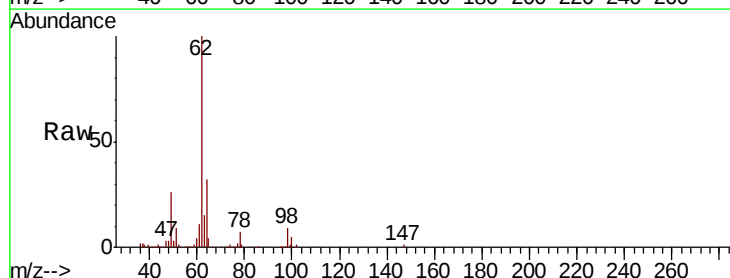
Acq: 10 Sep 2019 12:44

Tgt Ion: 62 Resp: 117729

Ion Ratio Lower Upper

62 100

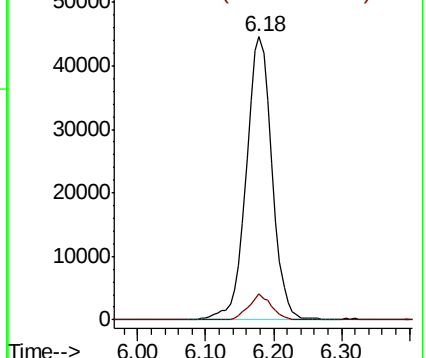
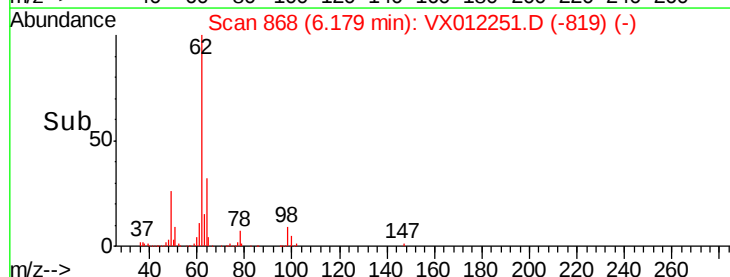
98 8.3 0.0 17.2

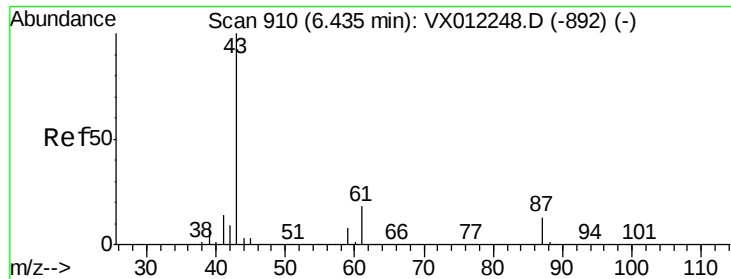


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.158 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

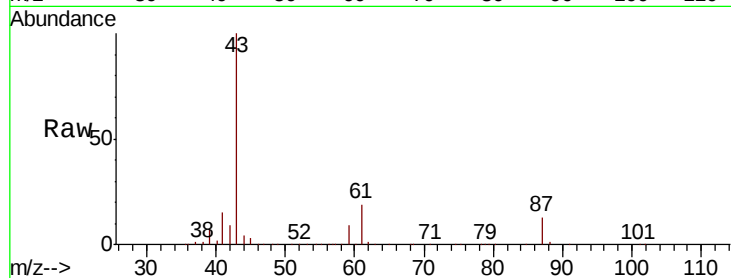
Tgt Ion: 43 Resp: 127337

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.2

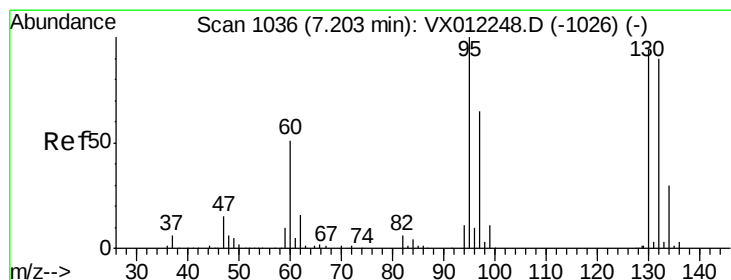
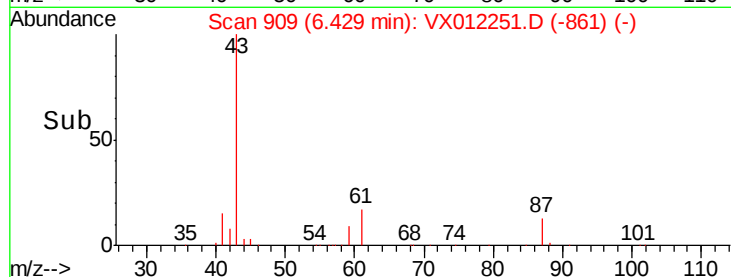
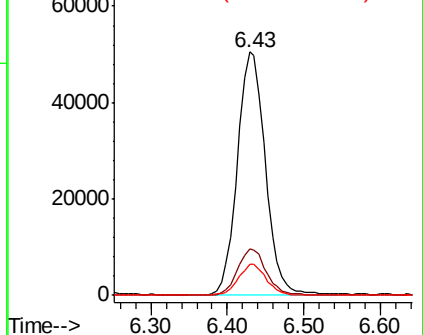
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.591 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012251.D

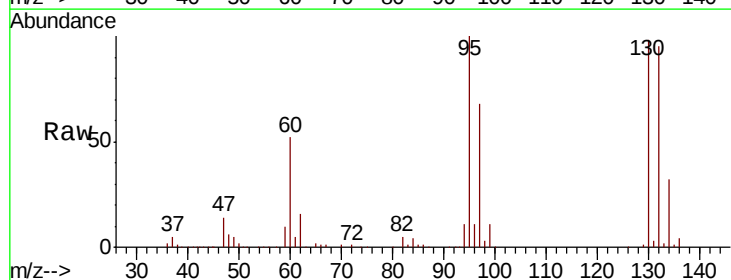
Acq: 10 Sep 2019 12:44

Tgt Ion: 130 Resp: 82314

Ion Ratio Lower Upper

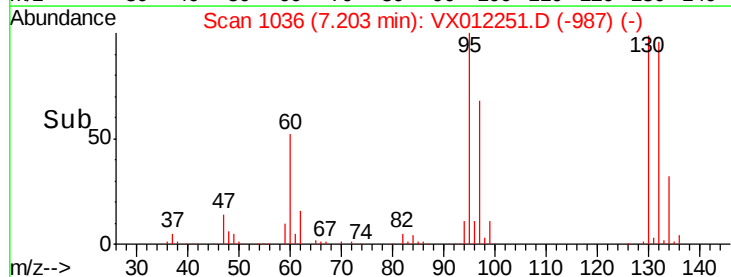
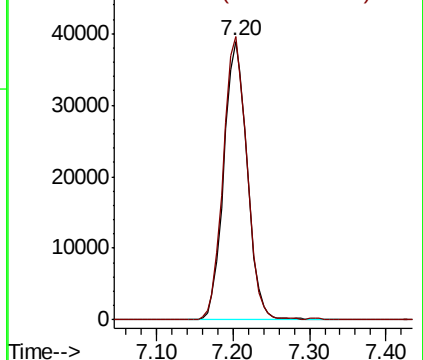
130 100

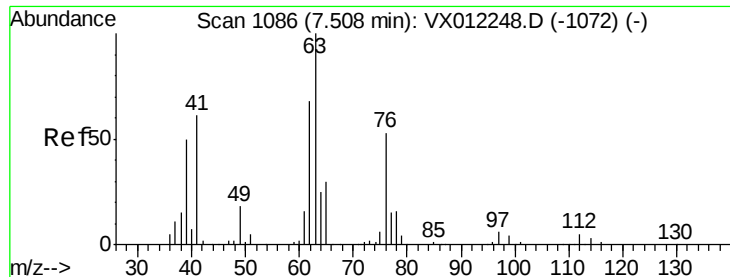
95 101.6 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.618 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

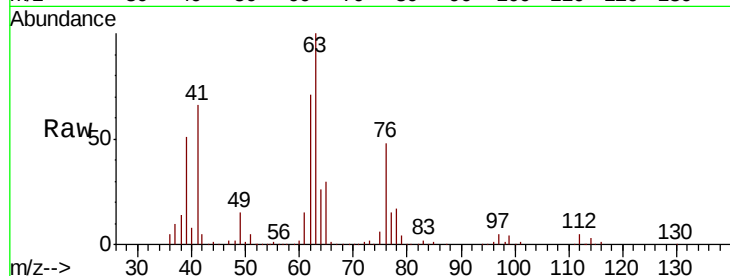
ICVVX091019

Tgt Ion: 63 Resp: 84235

Ion Ratio Lower Upper

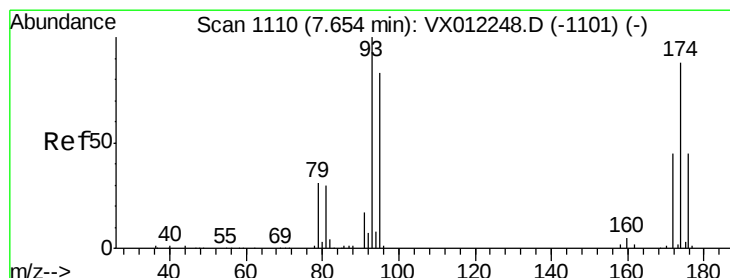
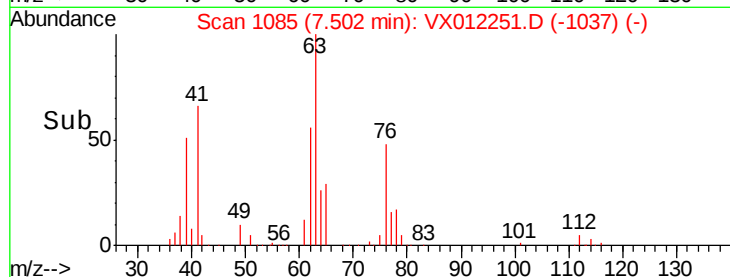
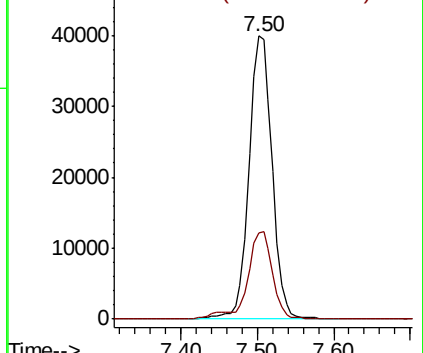
63 100

65 30.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.130 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

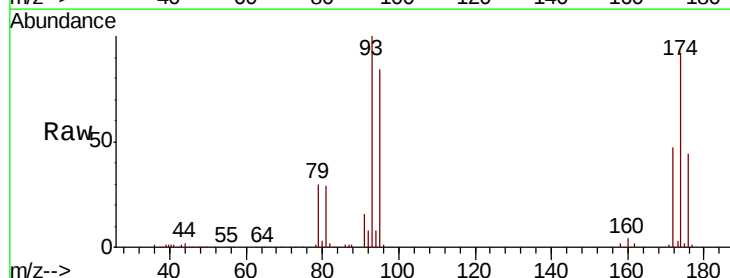
Tgt Ion: 93 Resp: 46494

Ion Ratio Lower Upper

93 100

95 83.2 65.7 98.5

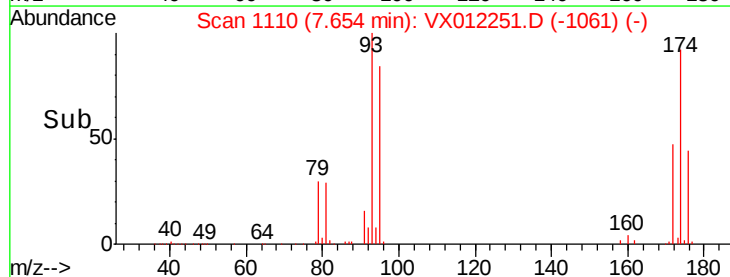
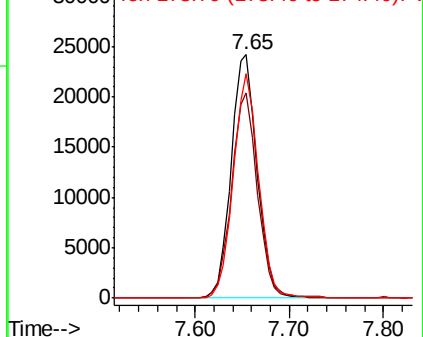
174 89.9 71.0 106.4

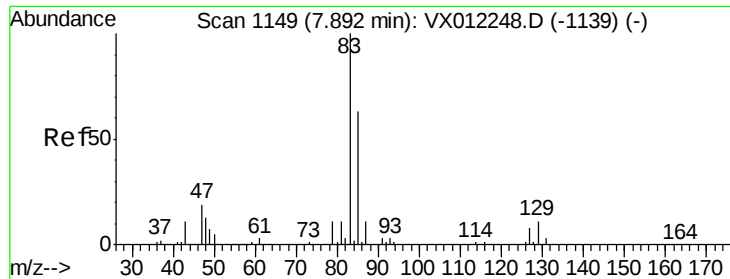


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.426 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX091019

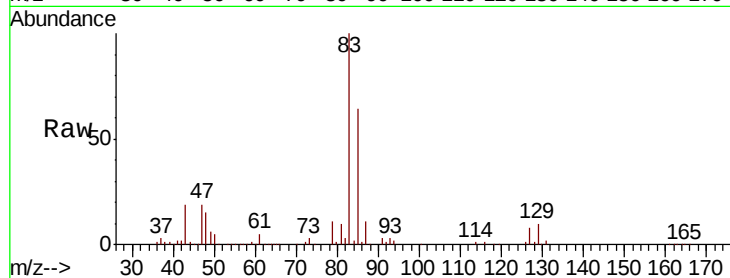
Tgt Ion: 83 Resp: 127603

Ion Ratio Lower Upper

83 100

85 63.6 50.2 75.4

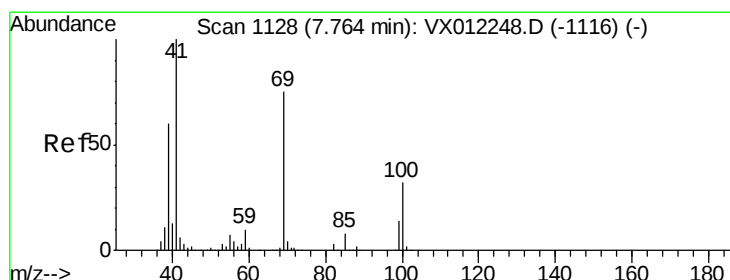
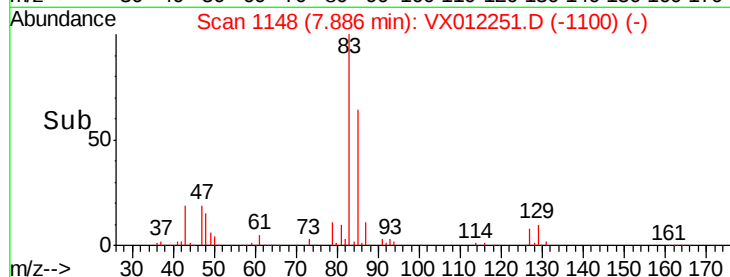
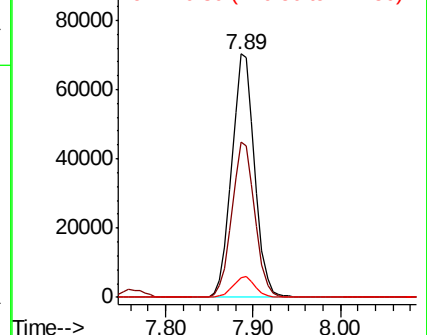
127 7.9 6.3 9.5



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: 51.032 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

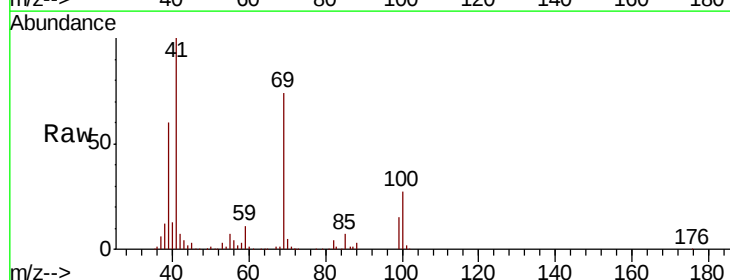
Tgt Ion: 41 Resp: 62012

Ion Ratio Lower Upper

41 100

69 75.2 61.8 92.6

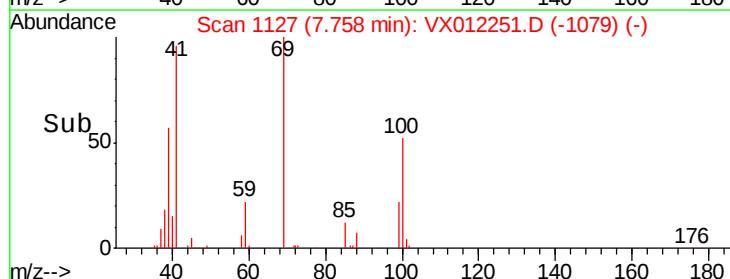
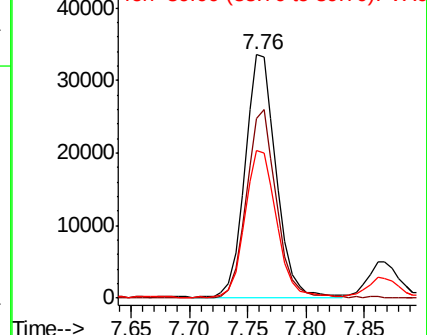
39 61.8 48.6 73.0

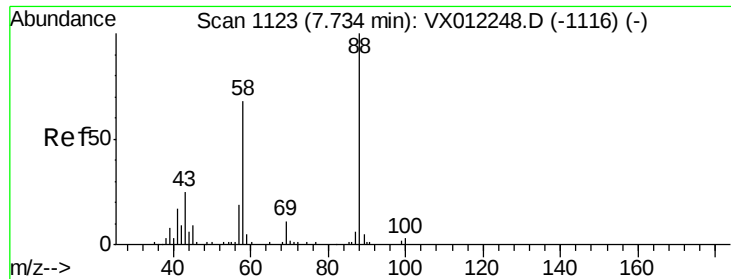


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

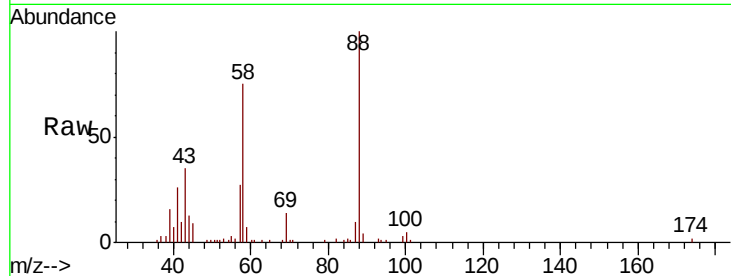




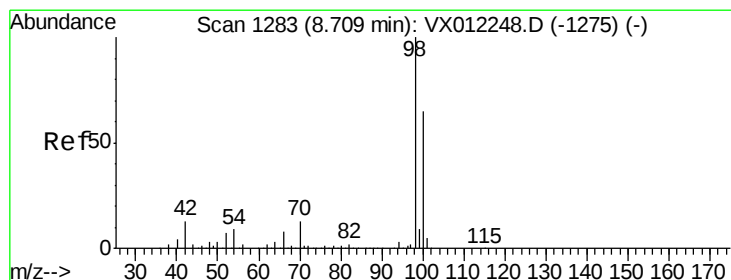
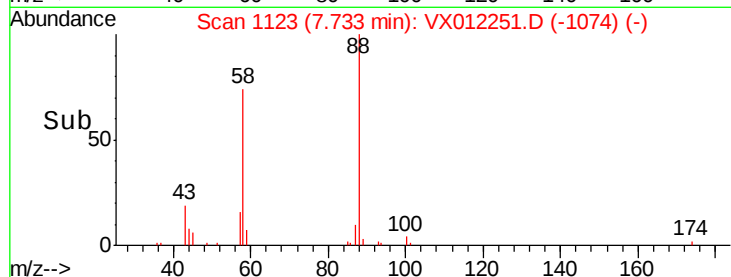
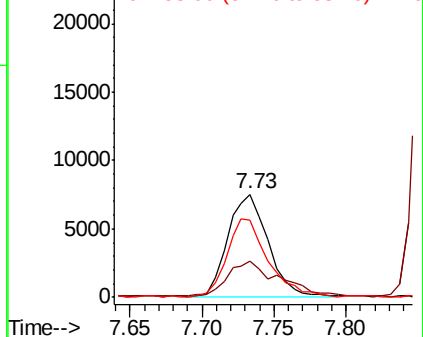
#49
1,4-Dioxane
Concen: 904.721 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

Tgt Ion: 88 Resp: 14835
Ion Ratio Lower Upper
88 100
43 43.2 31.0 46.4
58 75.6 61.5 92.3

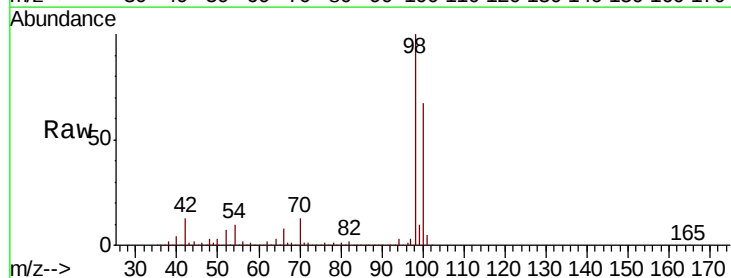


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

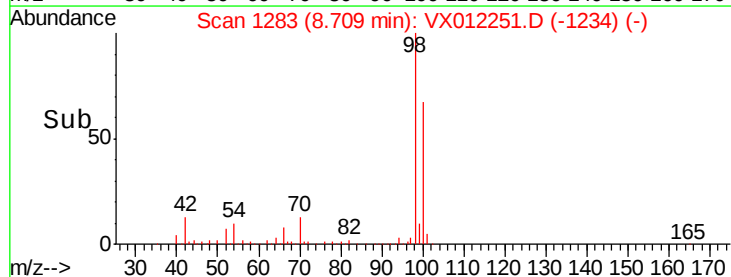
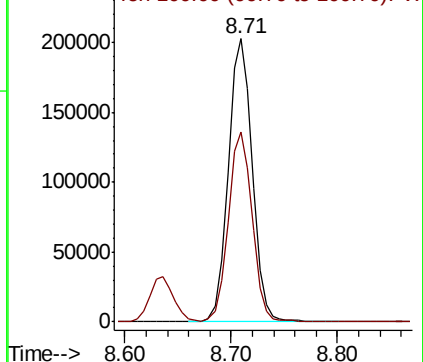


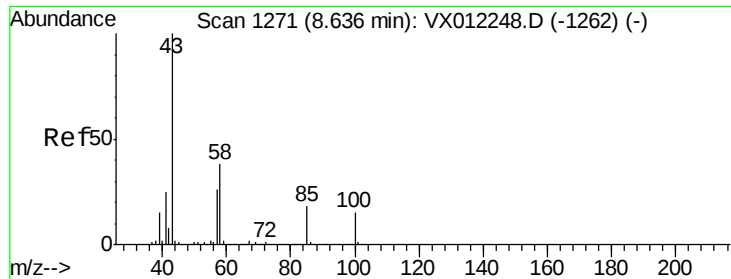
#50
Toluene-d8
Concen: 53.272 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 98 Resp: 319975
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

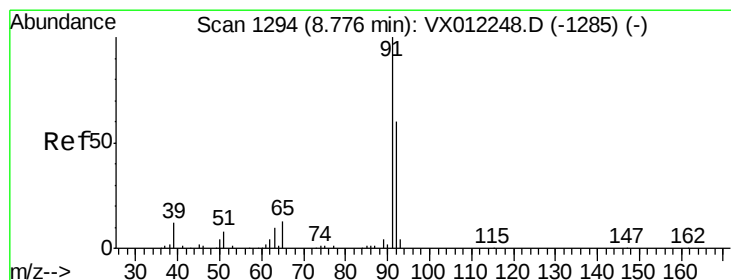
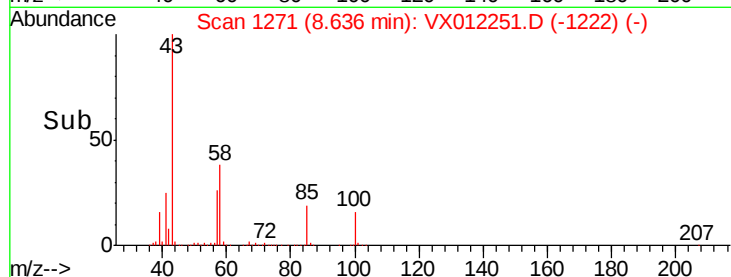
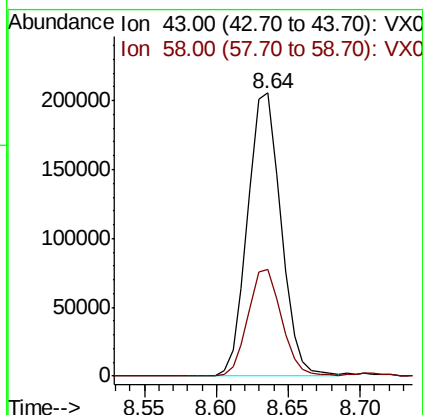
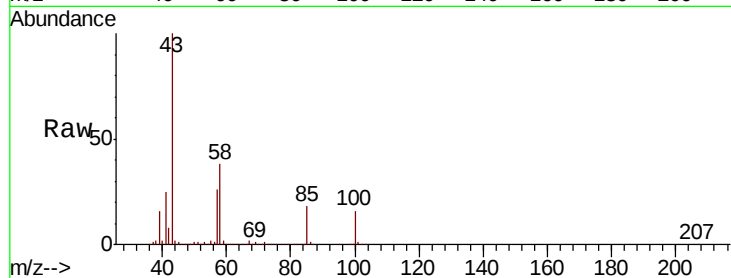




#51
 4-Methyl-2-Pentanone
 Concen: 245.235 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

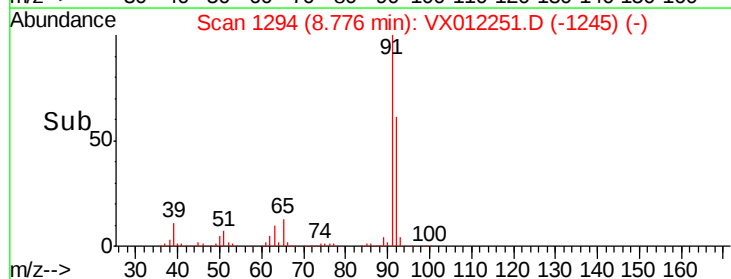
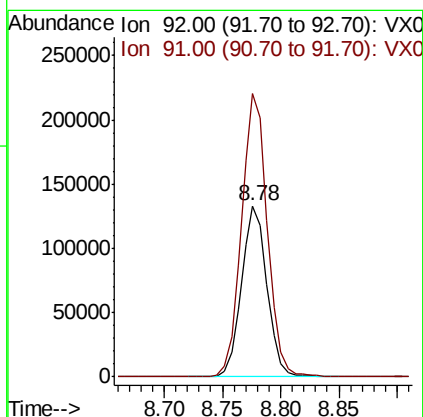
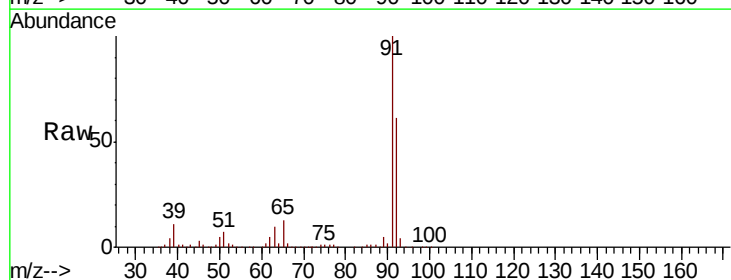
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

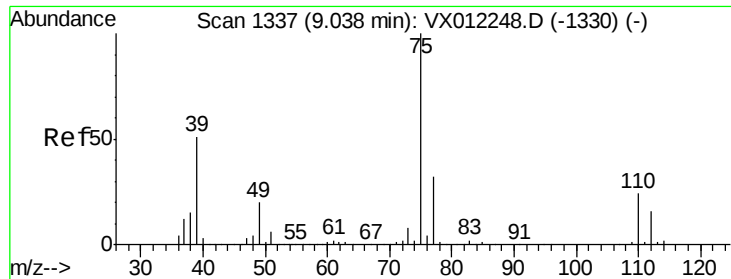
Tgt Ion: 43 Resp: 328583
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.1 45.1



#52
 Toluene
 Concen: 52.101 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 92 Resp: 202888
 Ion Ratio Lower Upper
 92 100
 91 167.4 133.6 200.4

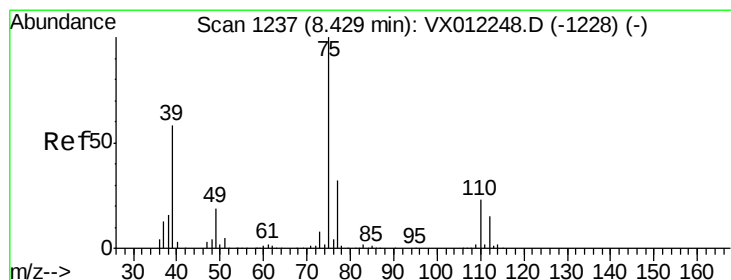
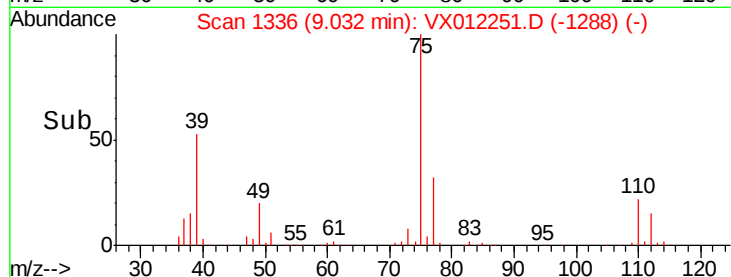
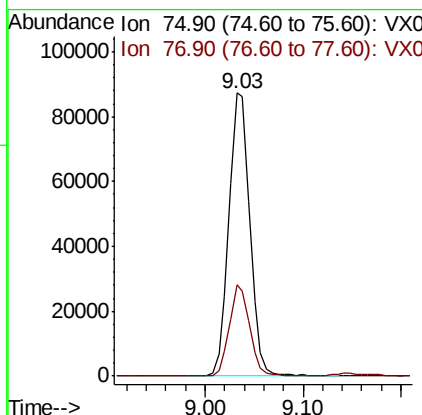
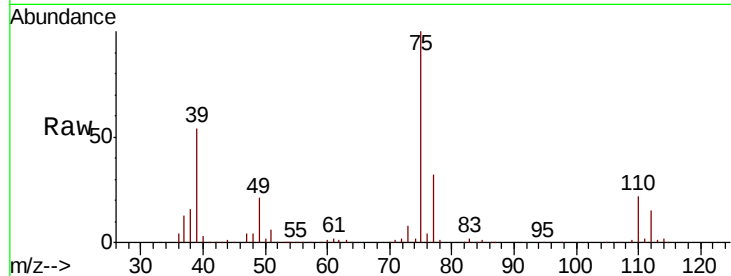




#53
 t-1,3-Dichloropropene
 Concen: 53.654 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

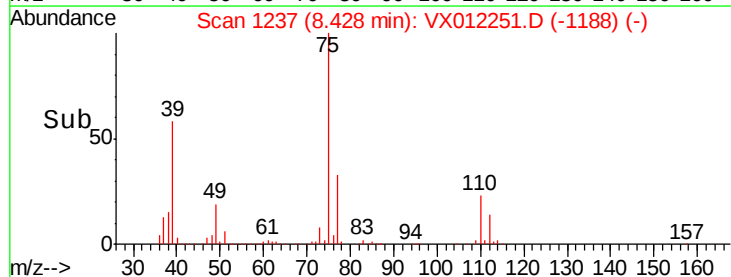
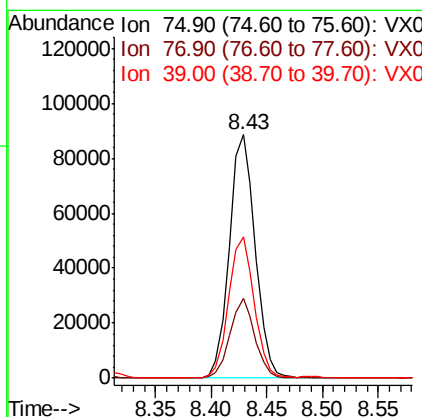
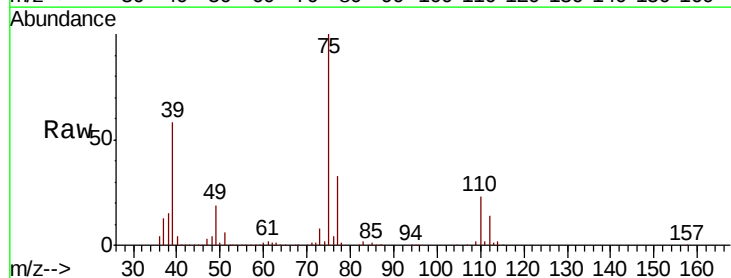
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

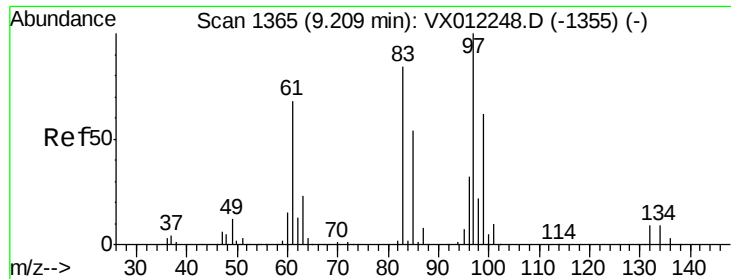
Tgt Ion: 75 Resp: 130341
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.832 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 75 Resp: 142320
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.2
 39 57.8 46.5 69.7

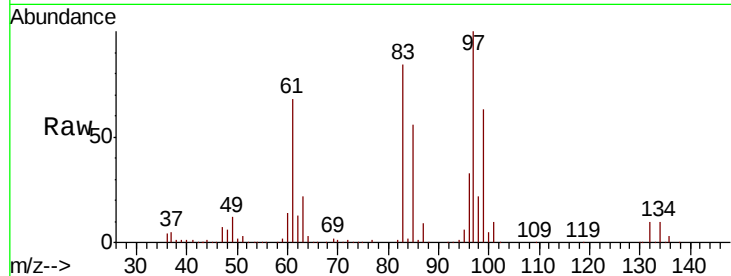




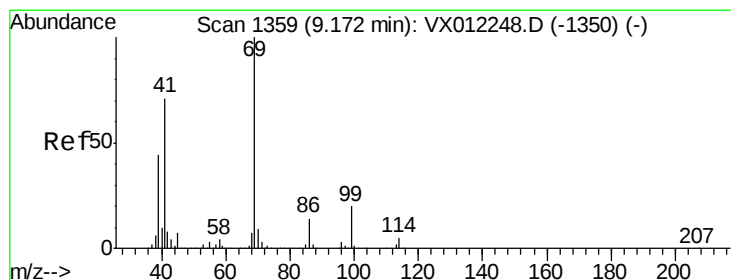
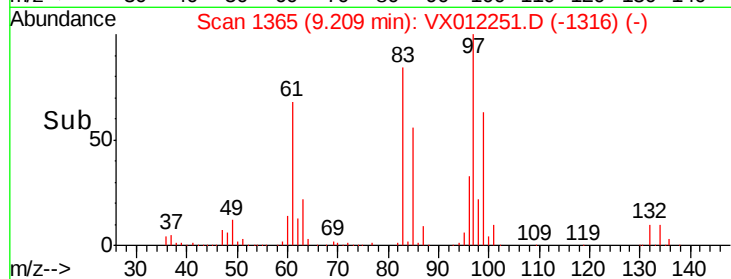
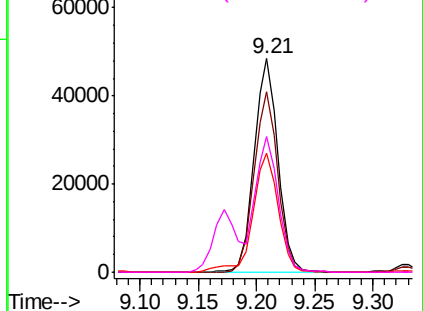
#55
 1,1,2-Trichloroethane
 Concen: 50.171 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

Tgt Ion:	97	Resp:	69325
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	55.9	43.4	65.2
99	63.2	49.8	74.6

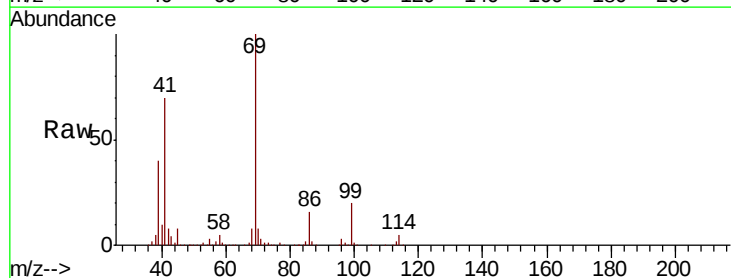


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

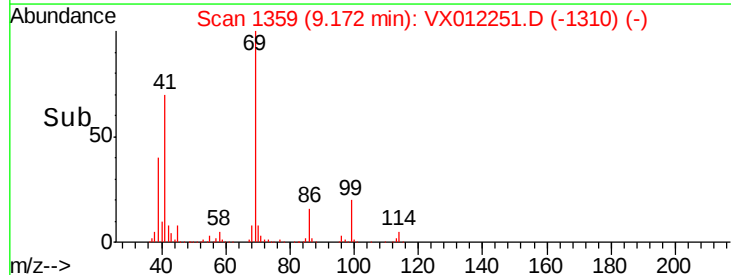
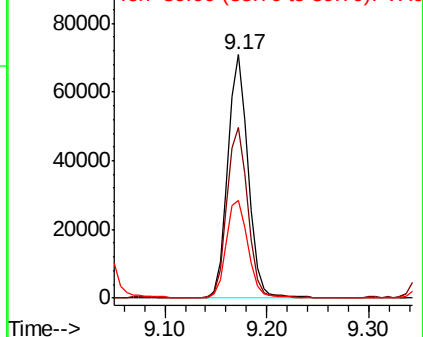


#56
 Ethyl methacrylate
 Concen: 52.156 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion:	69	Resp:	97577
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.7	86.5
39	42.0	34.0	51.0



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: 51.131 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

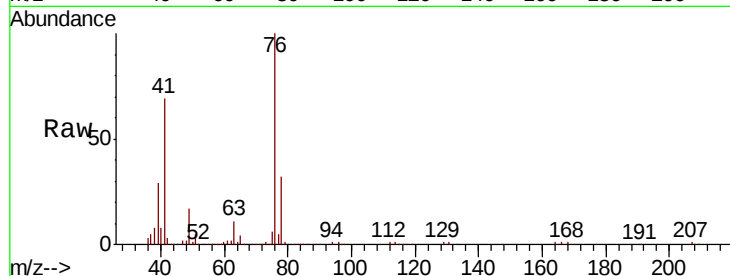
ICVVX091019

Tgt Ion: 76 Resp: 120668

Ion Ratio Lower Upper

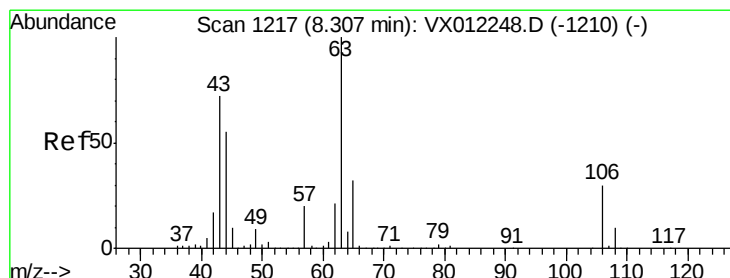
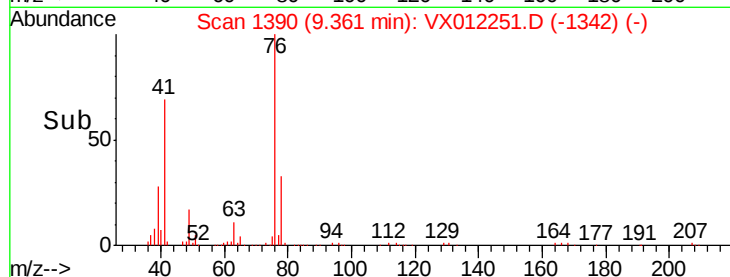
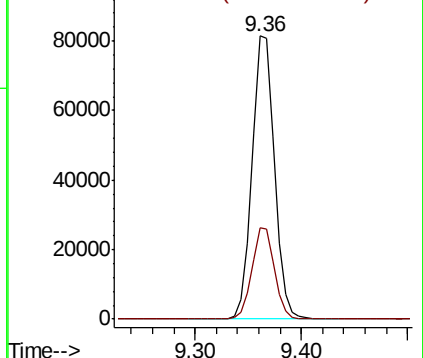
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.439 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012251.D

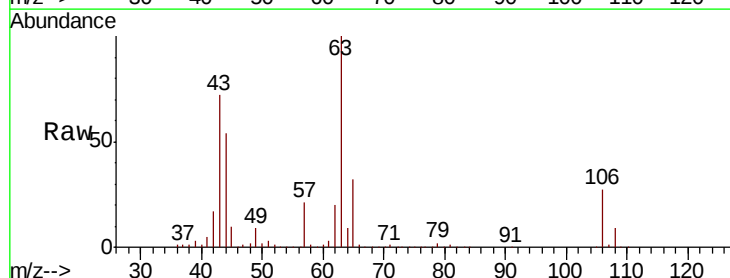
Acq: 10 Sep 2019 12:44

Tgt Ion: 63 Resp: 242058

Ion Ratio Lower Upper

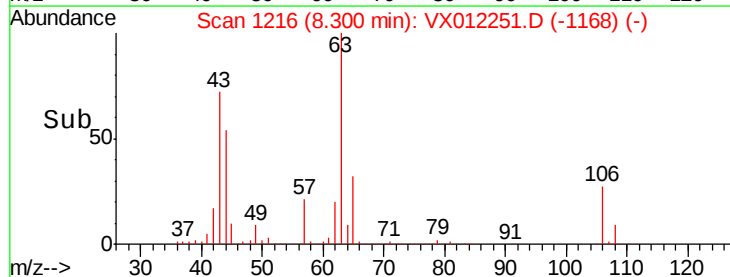
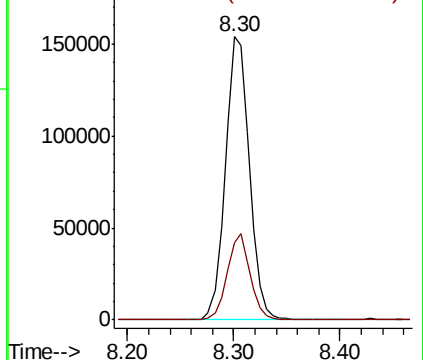
63 100

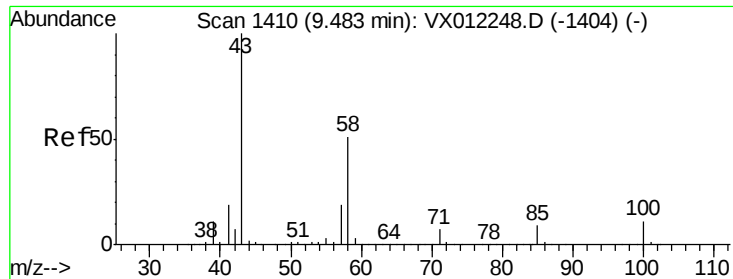
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

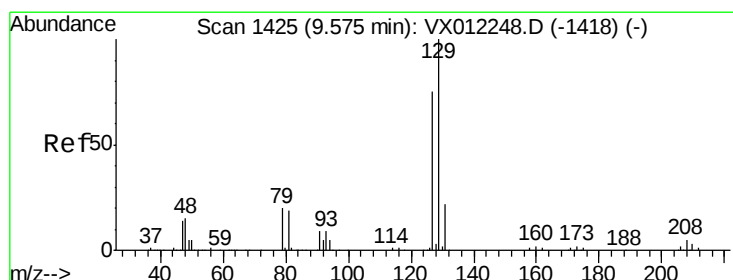
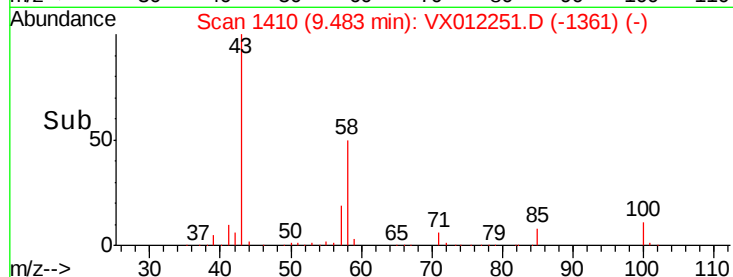
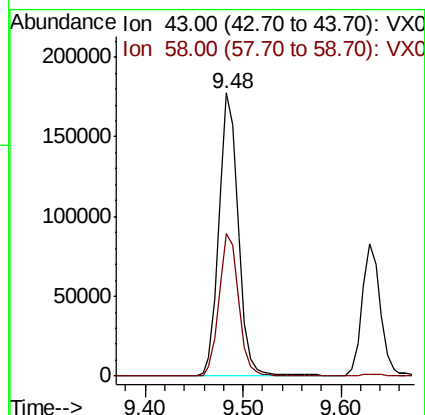
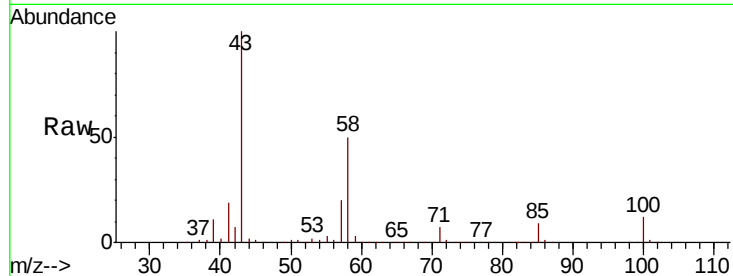




#59
2-Hexanone
Concen: 261.458 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

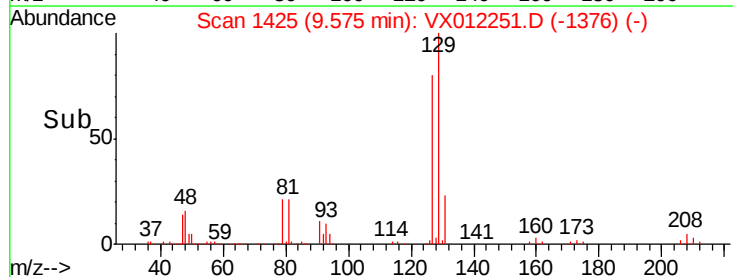
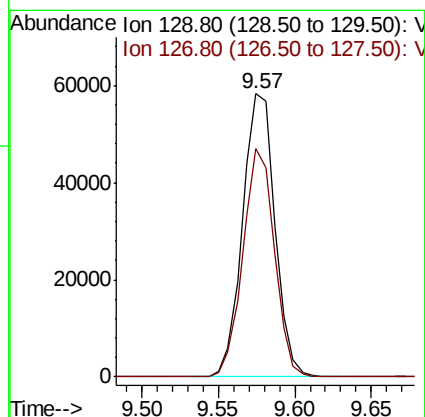
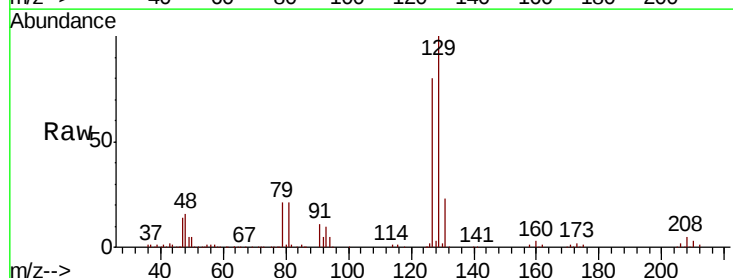
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

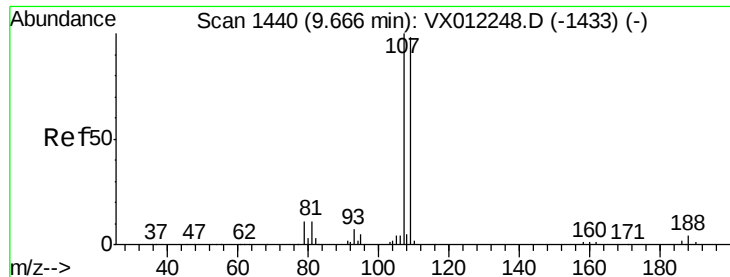
Tgt Ion: 43 Resp: 243580
Ion Ratio Lower Upper
43 100
58 51.0 25.8 77.3



#60
Dibromochloromethane
Concen: 53.032 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 129 Resp: 85545
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 51.072 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

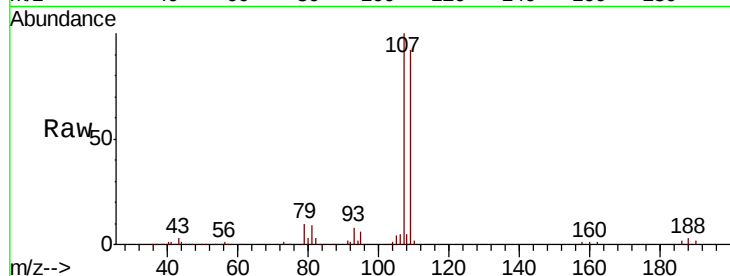
ICVVX091019

Tgt Ion: 107 Resp: 65690

Ion Ratio Lower Upper

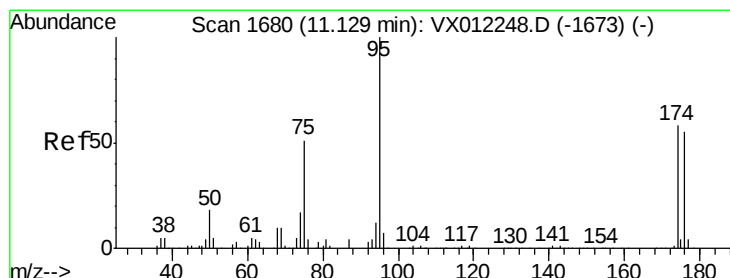
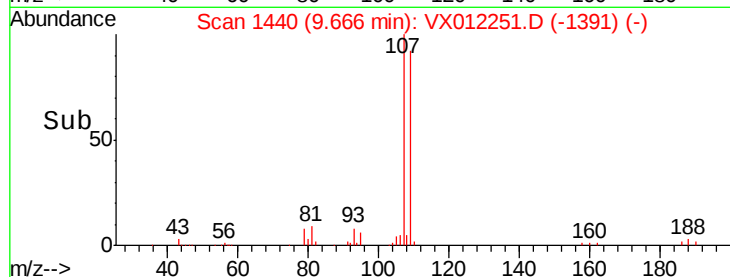
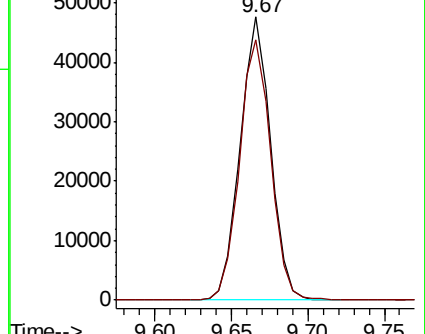
107 100

109 94.6 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.546 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

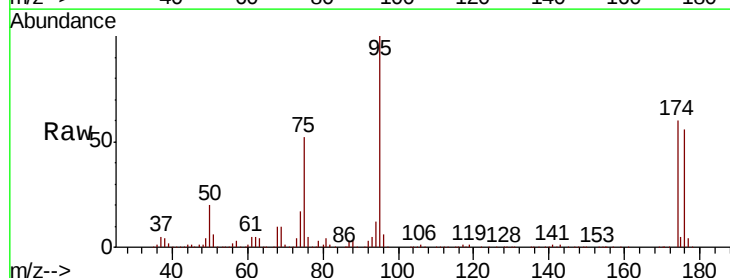
Tgt Ion: 95 Resp: 137964

Ion Ratio Lower Upper

95 100

174 64.4 0.0 127.0

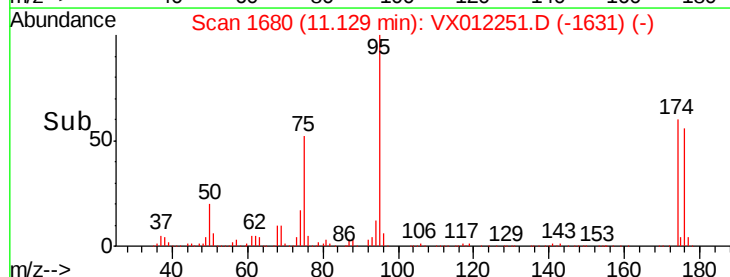
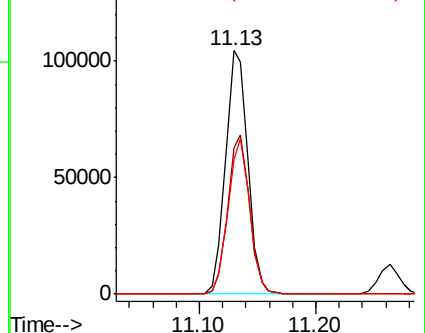
176 62.3 0.0 125.8

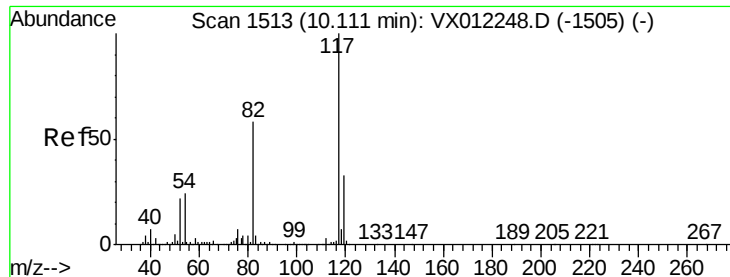


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

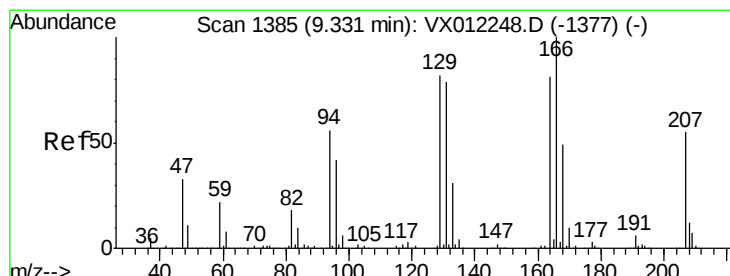
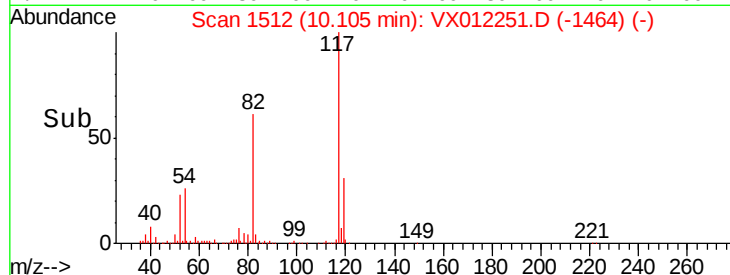
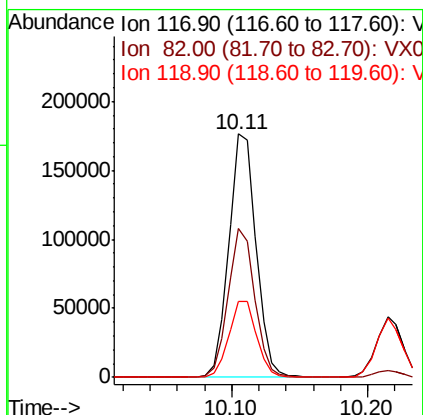
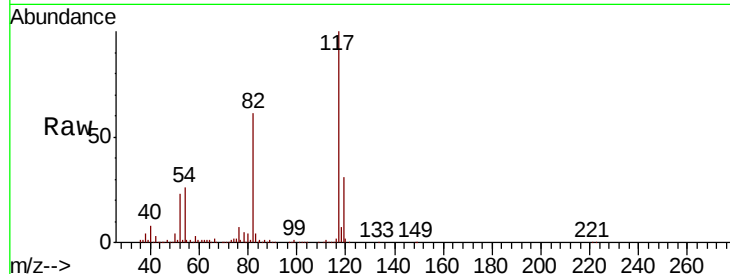




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

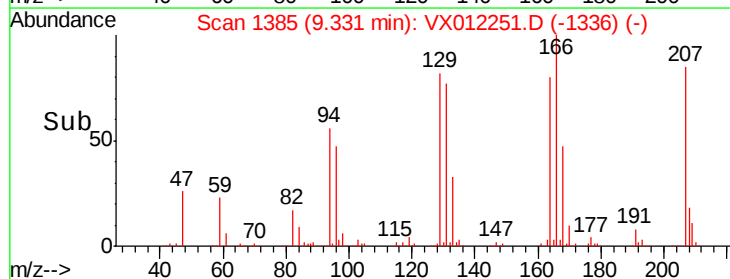
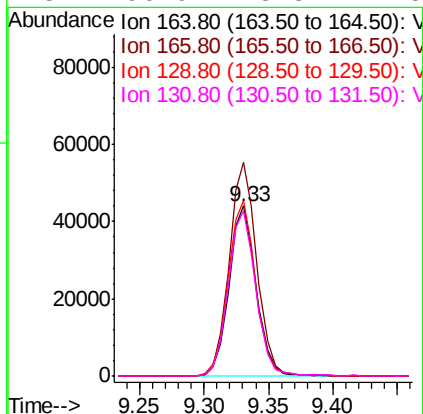
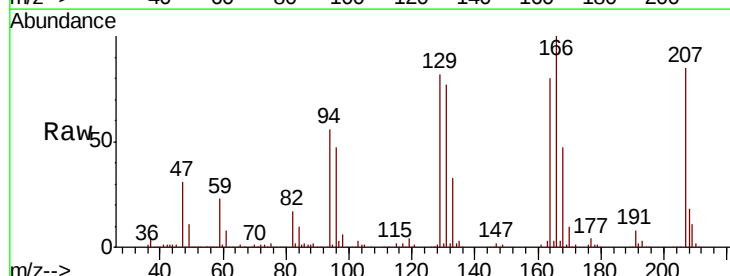
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

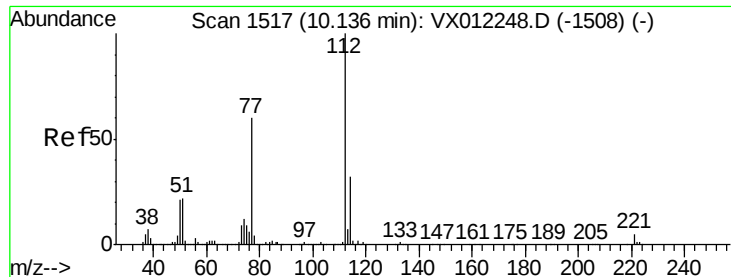
Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.4	46.4	69.6
119	31.2	26.6	39.8



#64
Tetrachloroethene
Concen: 49.930 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	99.4	149.0
129	103.5	81.8	122.8
131	96.9	78.3	117.5





#65

Chlorobenzene

Concen: 51.631 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

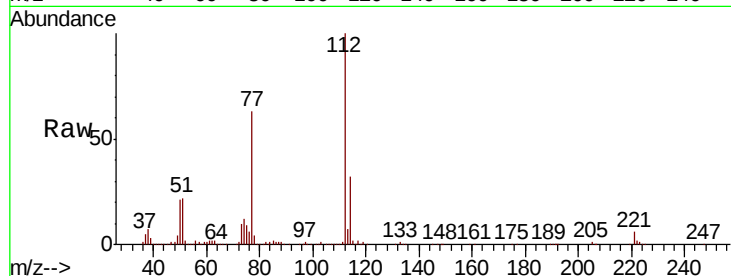
ICVVX091019

Tgt Ion:112 Resp: 232066

Ion Ratio Lower Upper

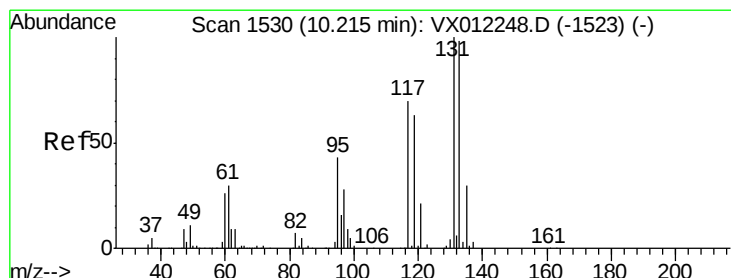
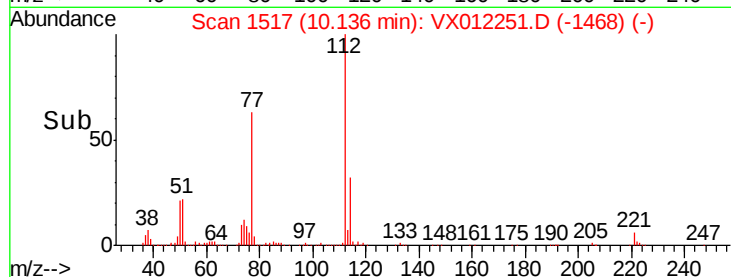
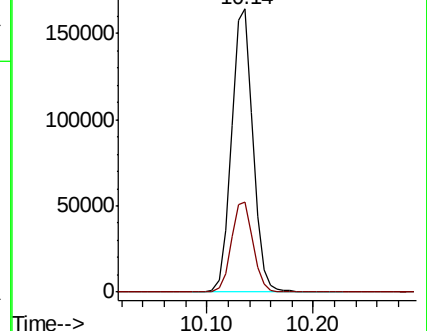
112 100

114 32.0 25.4 38.0



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: 52.407 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

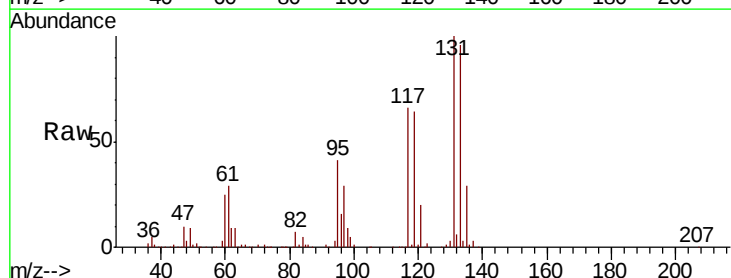
Tgt Ion:131 Resp: 88797

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.2

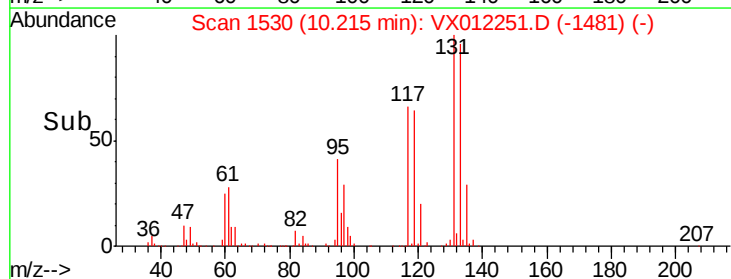
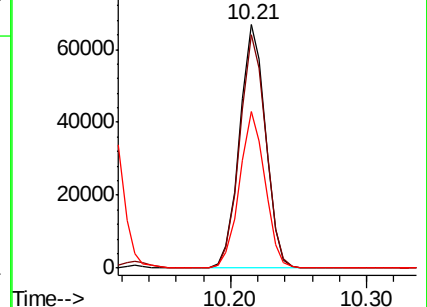
119 63.2 31.6 95.0

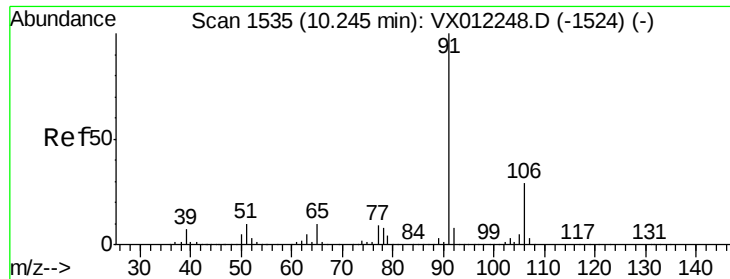


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

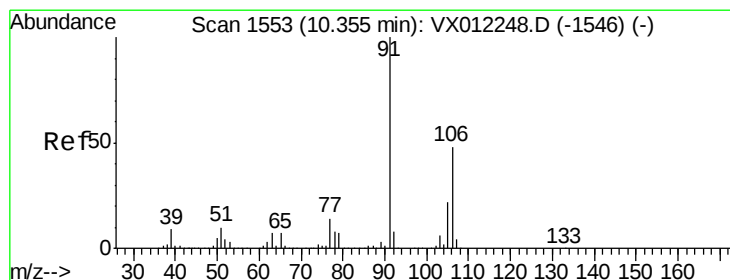
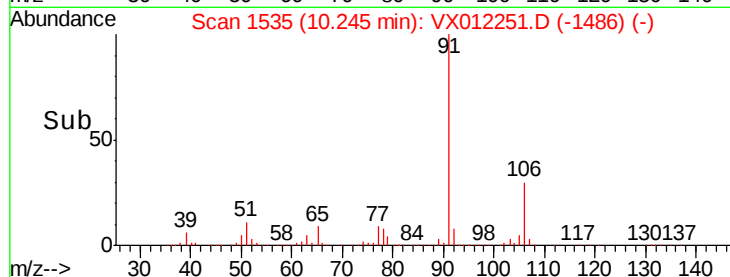
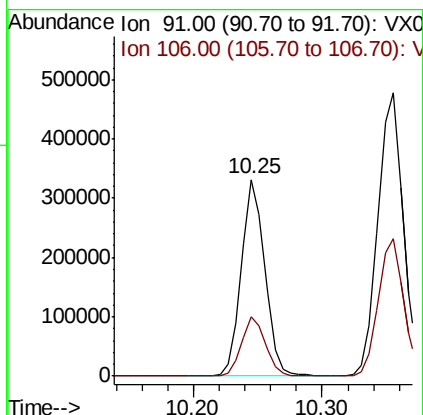
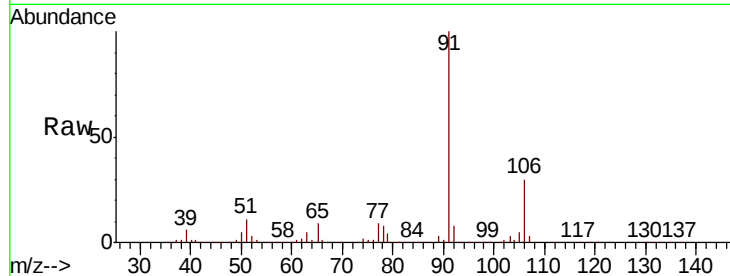




#67
Ethyl Benzene
Concen: 52.710 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

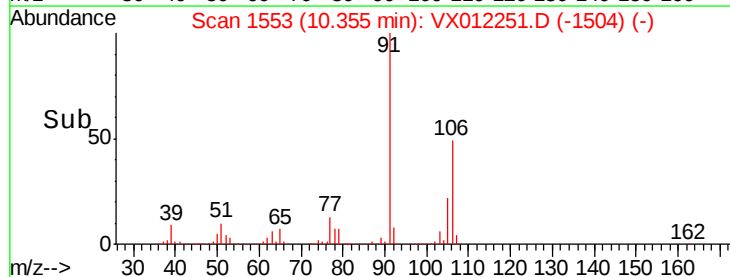
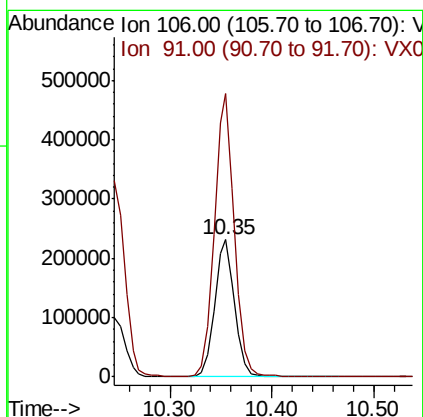
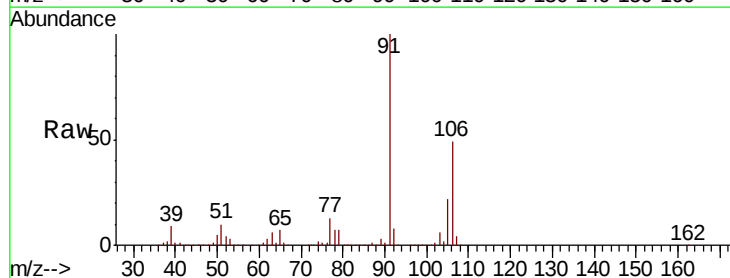
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

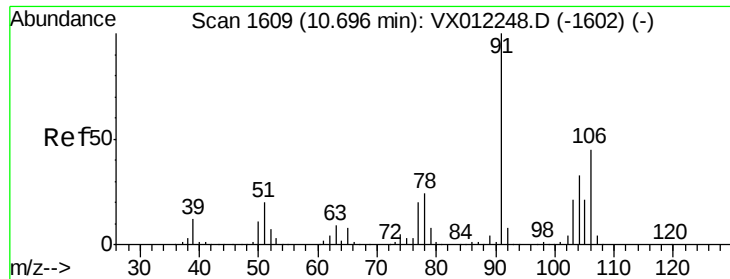
Tgt Ion: 91 Resp: 421371
Ion Ratio Lower Upper
91 100
106 30.2 23.1 34.7



#68
m/p-Xylenes
Concen: 107.567 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 106 Resp: 316543
Ion Ratio Lower Upper
106 100
91 206.0 167.0 250.6

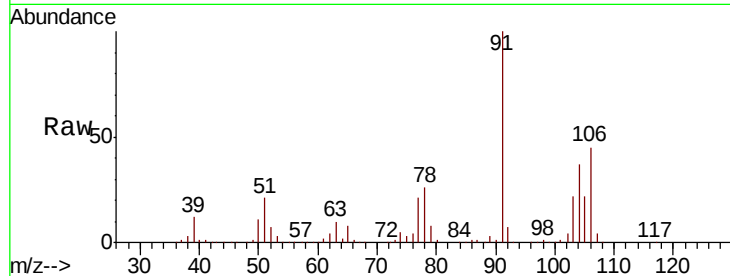




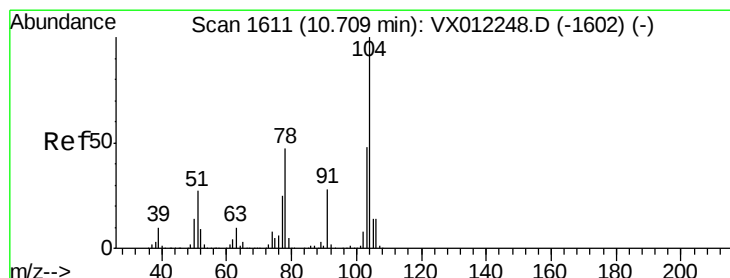
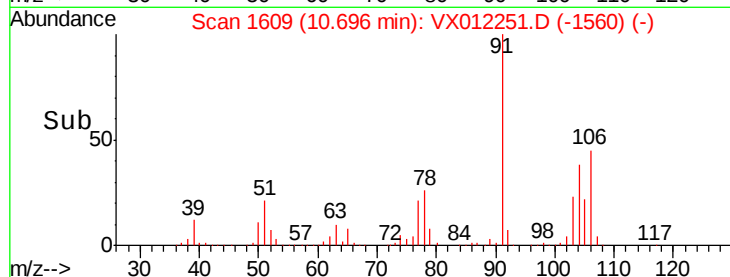
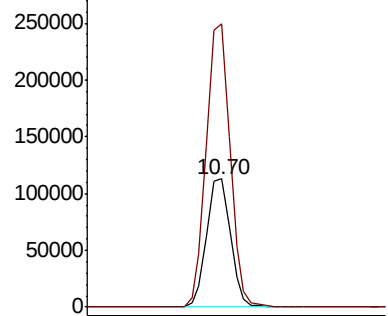
#69
o-Xylene
Concen: 53.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

Tgt Ion:106 Resp: 152799
Ion Ratio Lower Upper
106 100
91 219.6 110.5 331.4

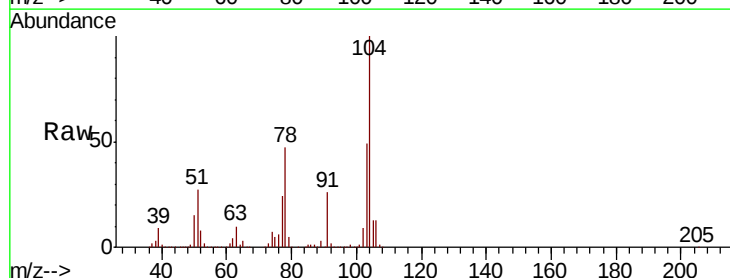


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

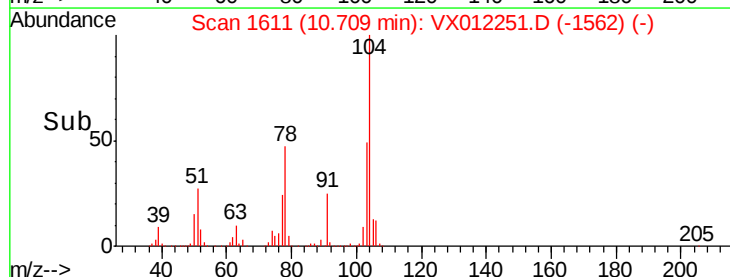
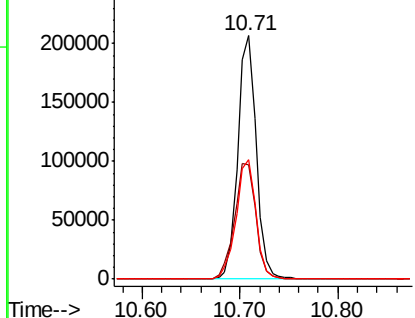


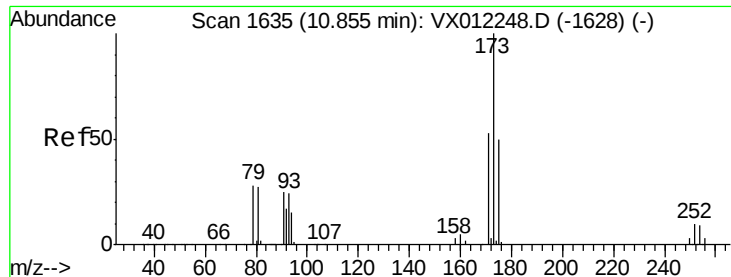
#70
Styrene
Concen: 53.008 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion:104 Resp: 271009
Ion Ratio Lower Upper
104 100
78 54.8 44.2 66.2
103 53.1 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.987 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

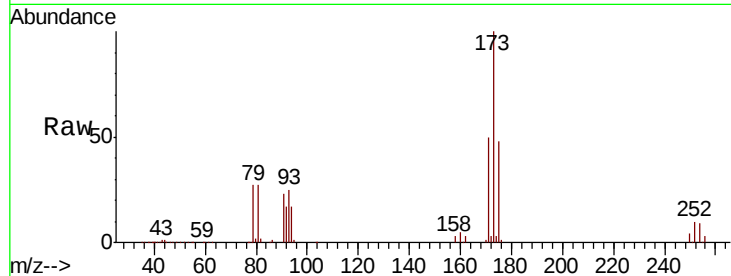
Tgt Ion:173 Resp: 46555

Ion Ratio Lower Upper

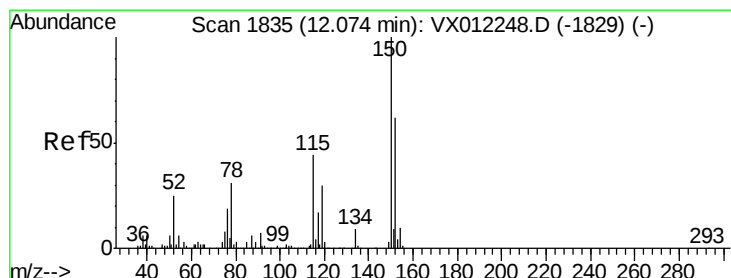
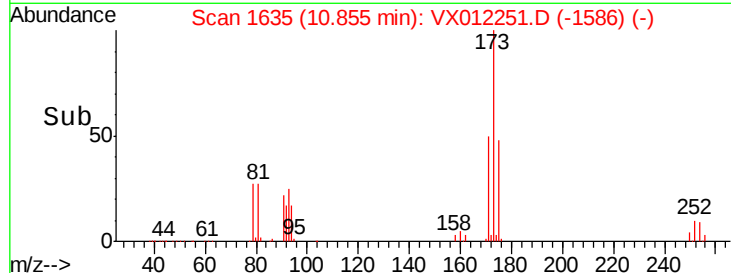
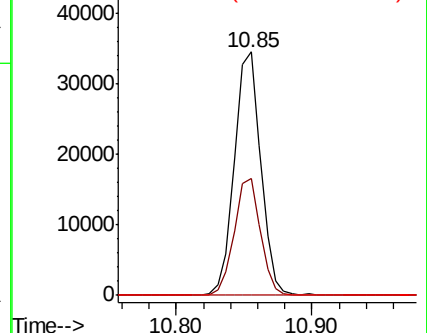
173 100

175 48.0 24.5 73.5

254 0.2 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

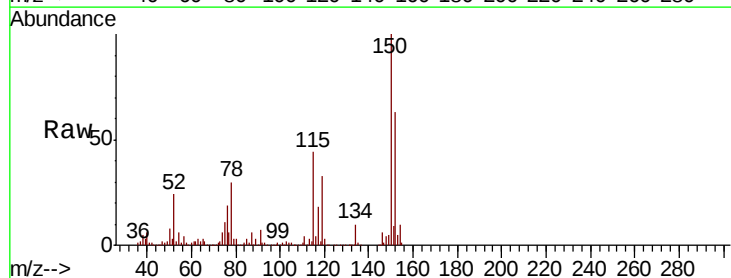
Tgt Ion:152 Resp: 122574

Ion Ratio Lower Upper

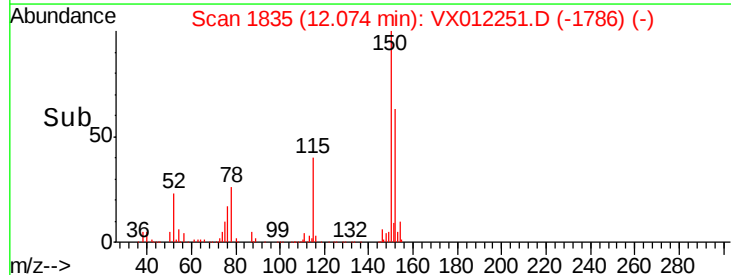
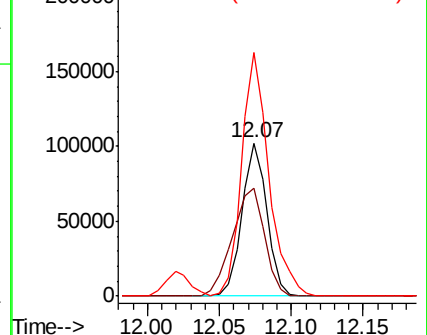
152 100

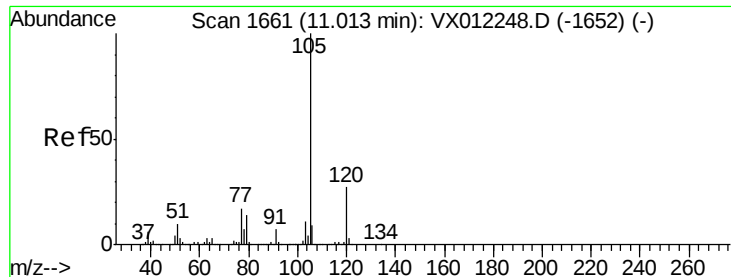
115 91.8 45.5 136.4

150 173.5 0.0 346.4



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: 52.166 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

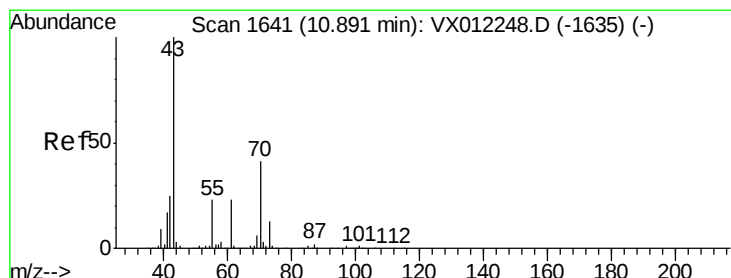
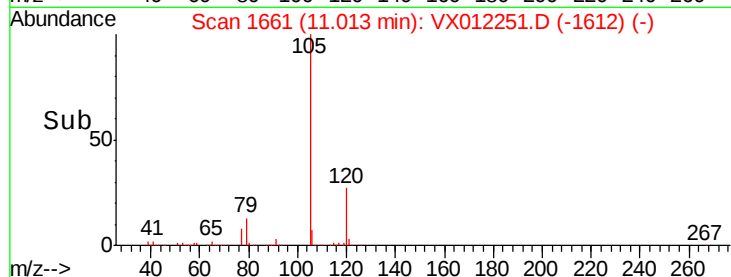
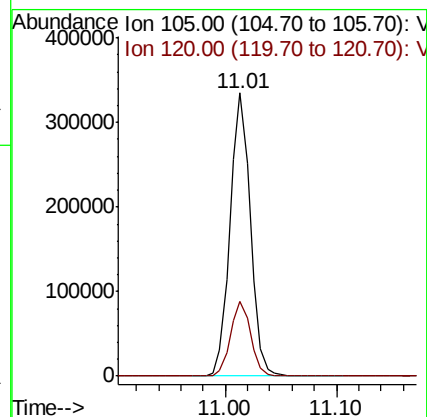
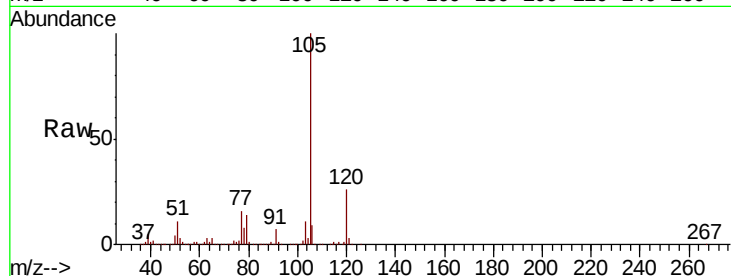
ICVVX091019

Tgt Ion:105 Resp: 420950

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 52.322 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Tgt Ion: 43 Resp: 125537

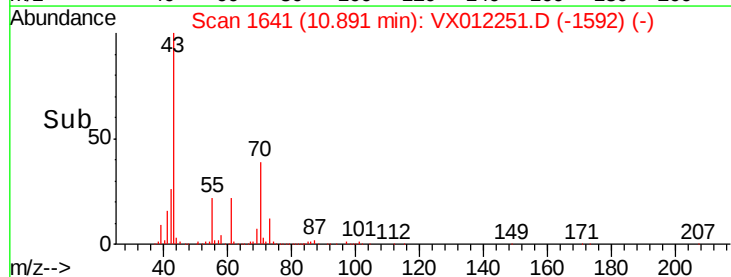
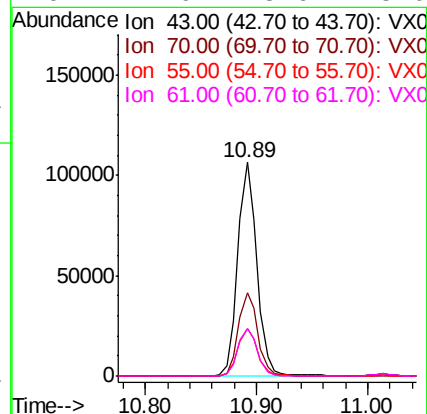
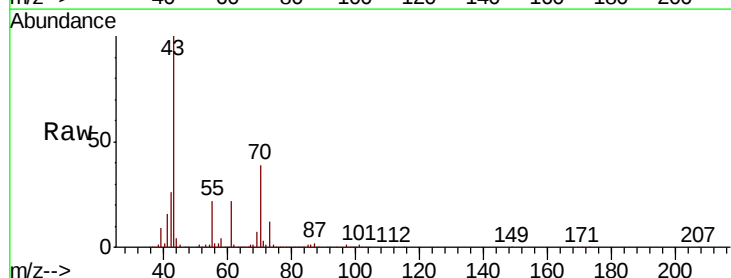
Ion Ratio Lower Upper

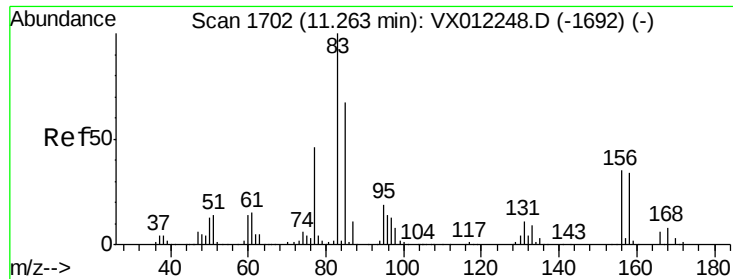
43 100

70 39.9 32.9 49.3

55 22.9 19.1 28.7

61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.099 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

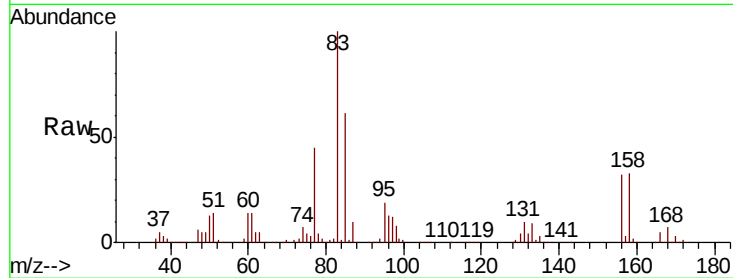
Tgt Ion: 83 Resp: 88557

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

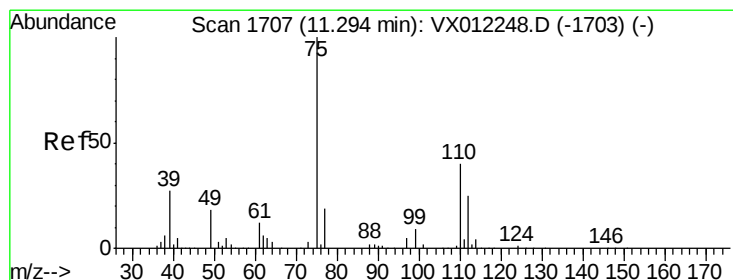
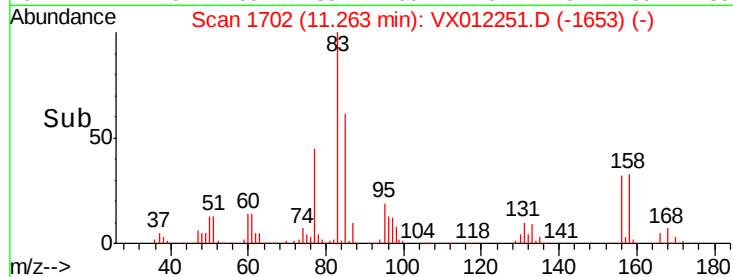
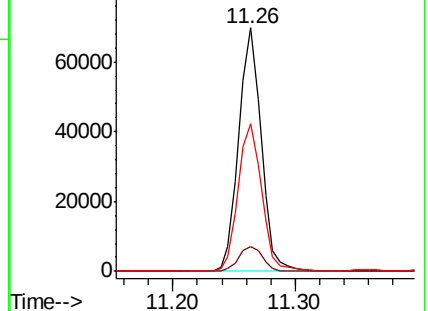
85 63.6 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.311 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012251.D

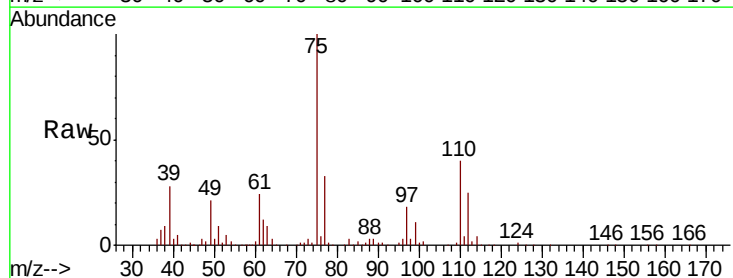
Acq: 10 Sep 2019 12:44

Tgt Ion: 75 Resp: 96543

Ion Ratio Lower Upper

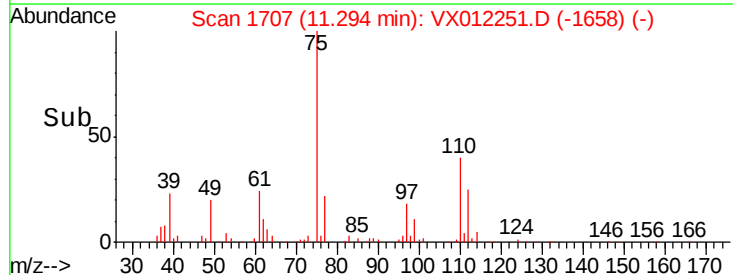
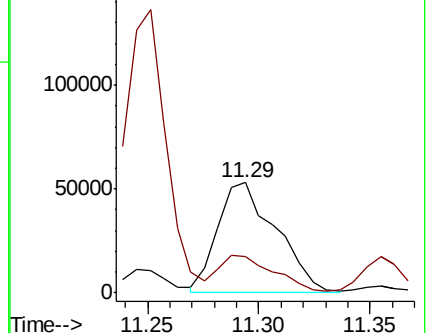
75 100

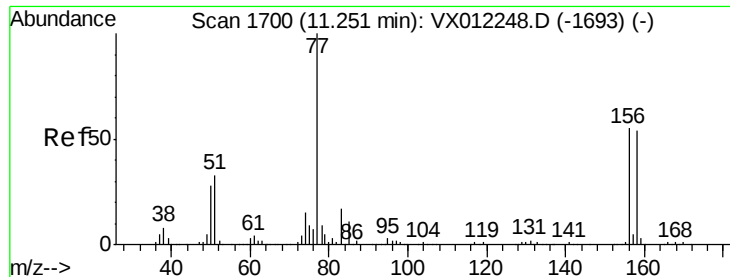
77 32.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.985 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091019

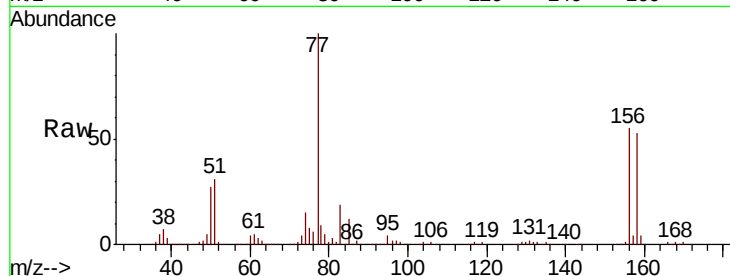
Tgt Ion:156 Resp: 96581

Ion Ratio Lower Upper

156 100

77 185.1 92.2 276.6

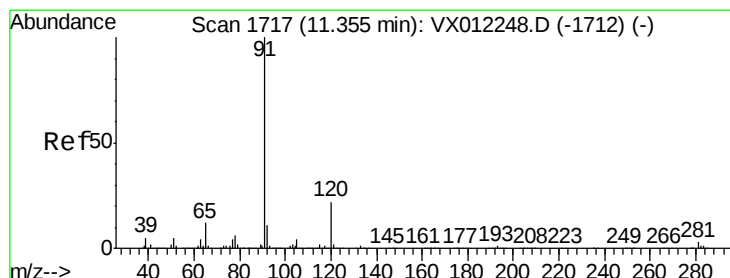
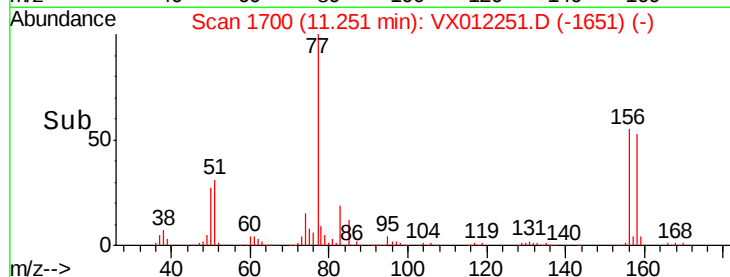
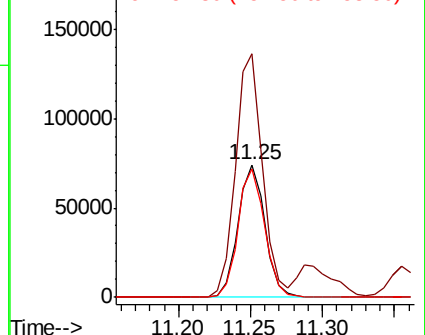
158 96.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.467 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012251.D

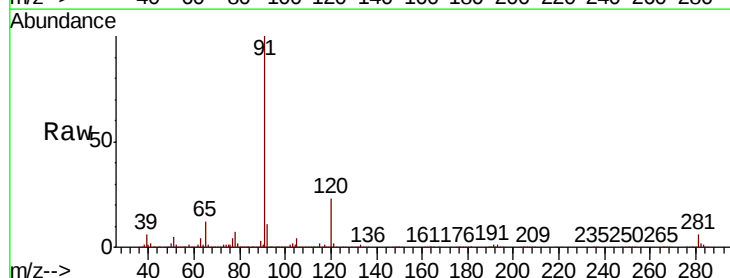
Acq: 10 Sep 2019 12:44

Tgt Ion: 91 Resp: 511265

Ion Ratio Lower Upper

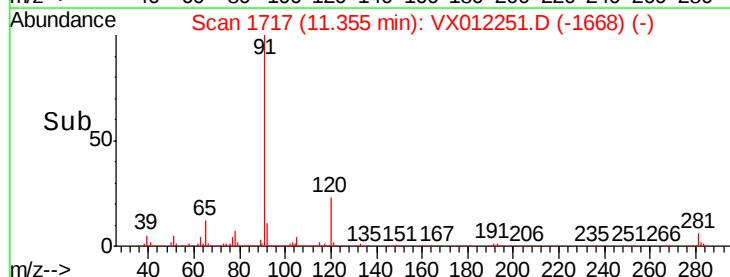
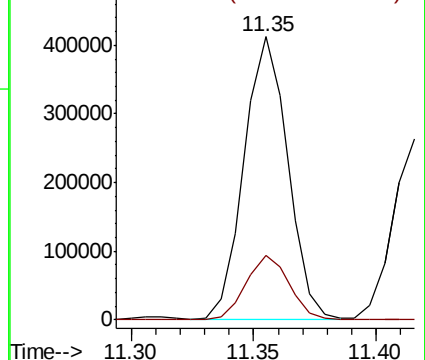
91 100

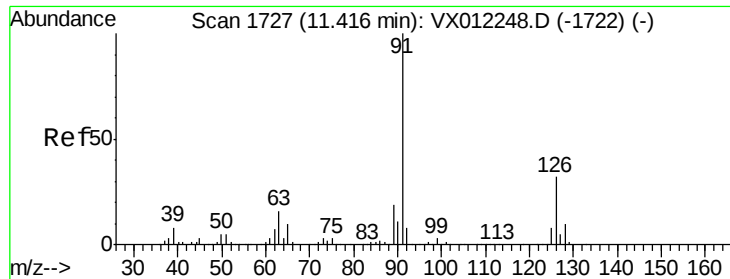
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

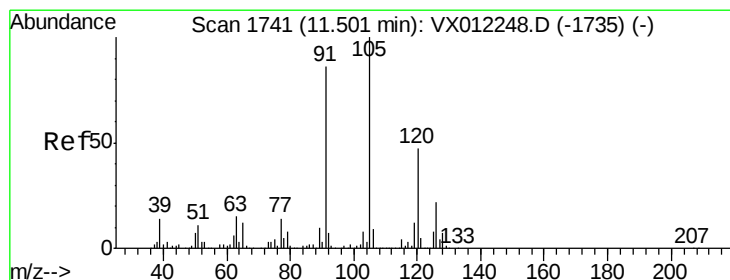
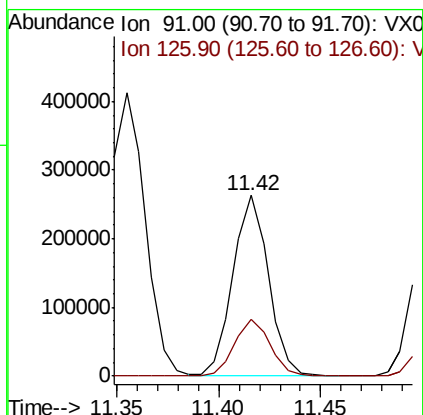
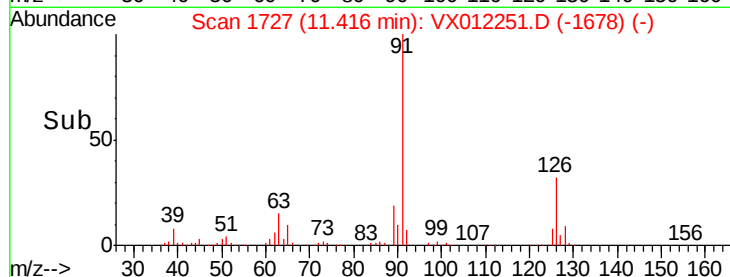
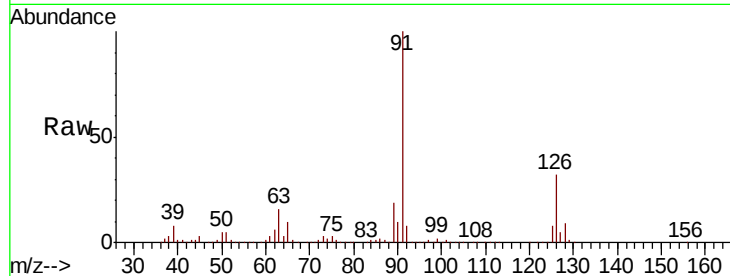




#79
 2-Chlorotoluene
 Concen: 52.417 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

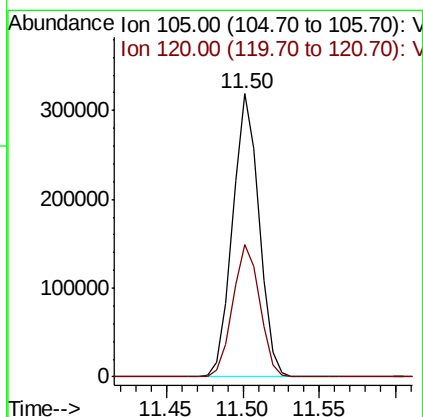
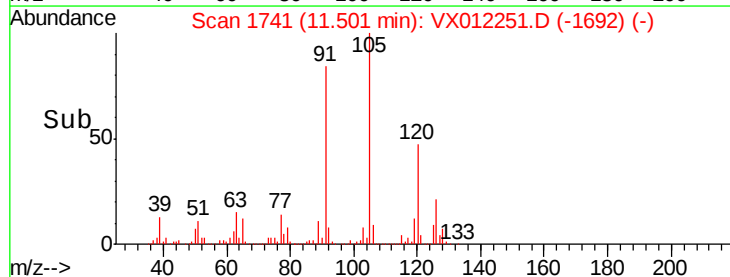
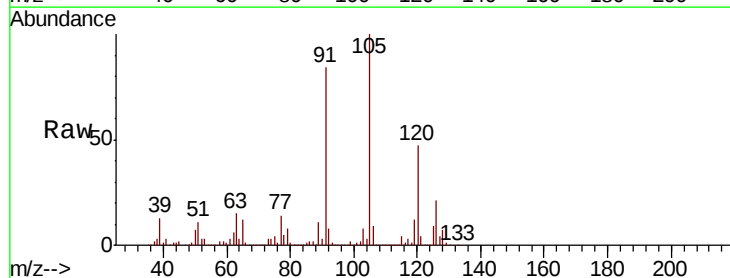
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

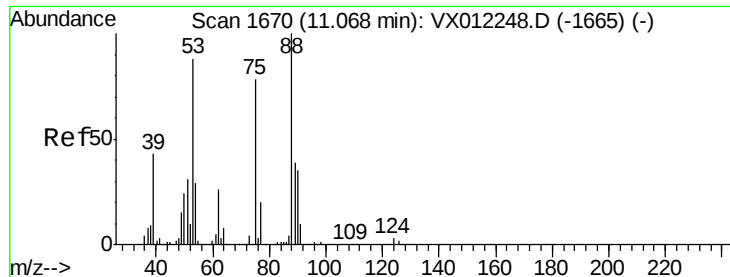
Tgt Ion: 91 Resp: 316455
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.507 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 105 Resp: 381033
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.7 71.1

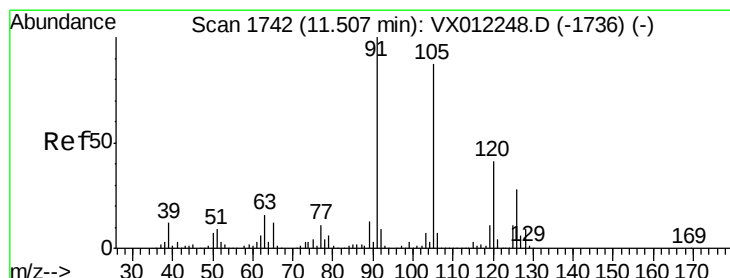
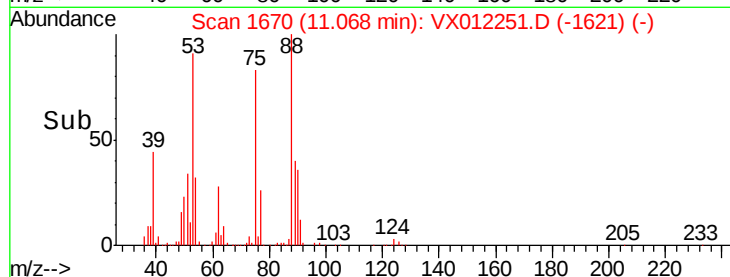
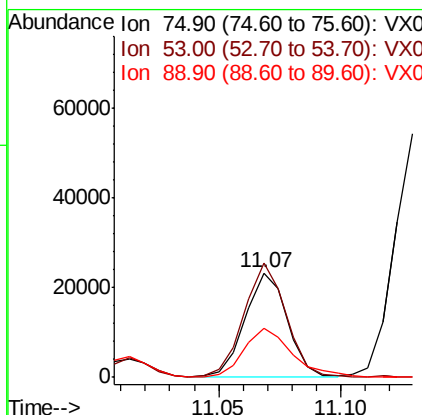
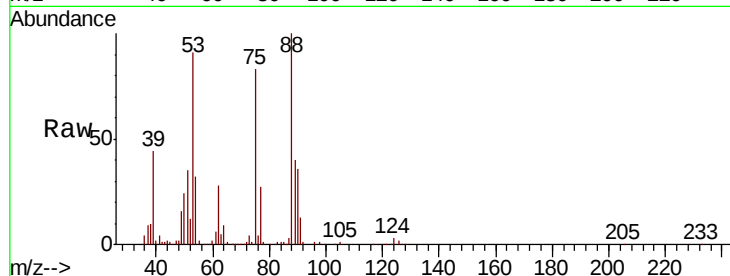




#81
trans-1,4-Dichloro-2-butene
Concen: 52.433 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

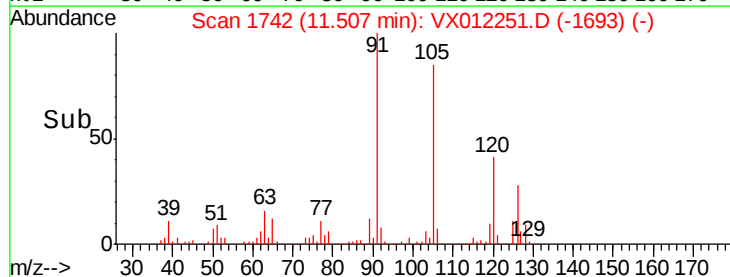
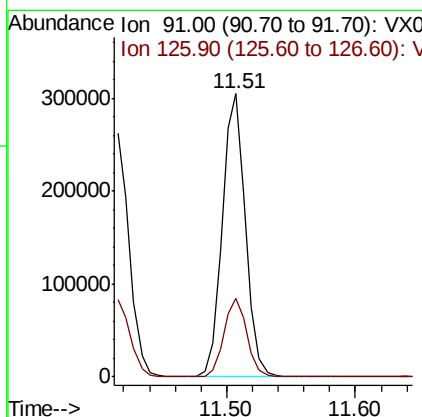
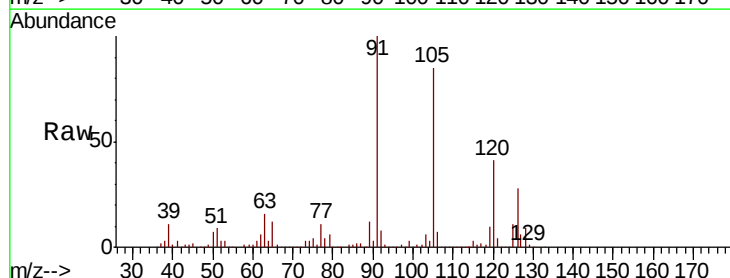
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

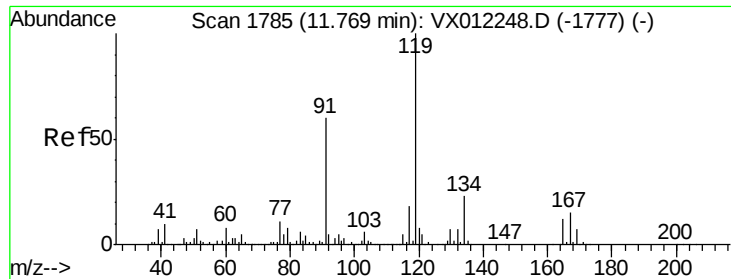
Tgt Ion: 75 Resp: 27556
Ion Ratio Lower Upper
75 100
53 109.7 88.1 132.1
89 55.3 43.5 65.3



#82
4-Chlorotoluene
Concen: 53.020 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 91 Resp: 384688
Ion Ratio Lower Upper
91 100
126 27.4 14.0 42.0

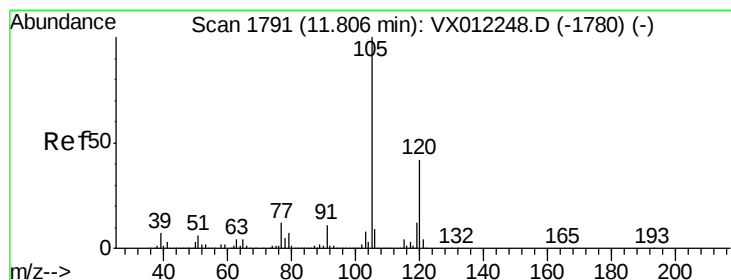
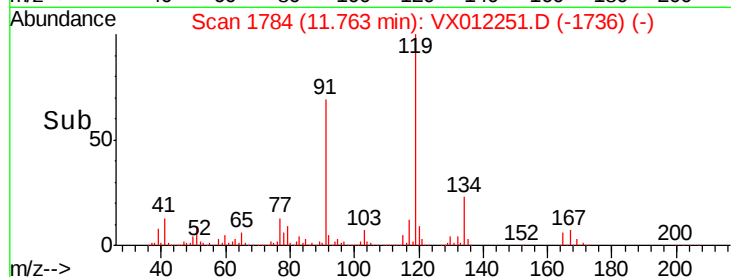
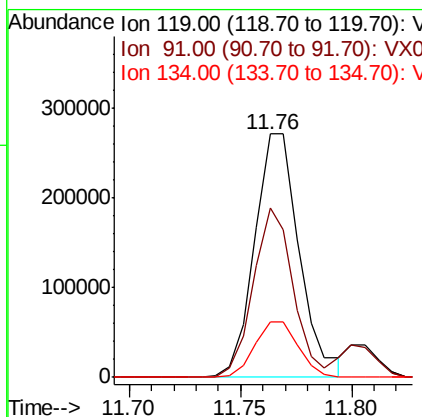
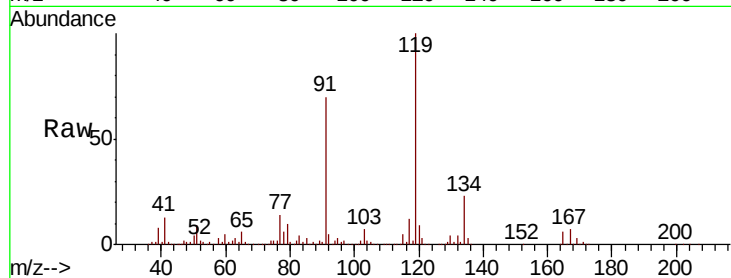




#83
 tert-Butylbenzene
 Concen: 53.938 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

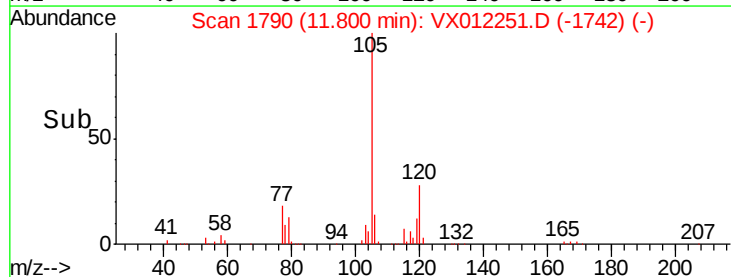
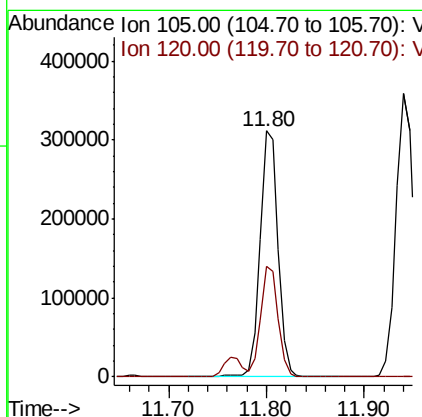
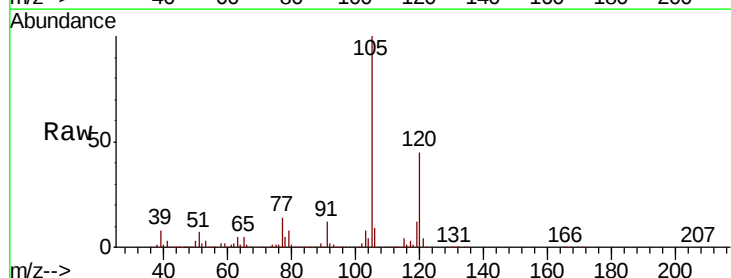
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

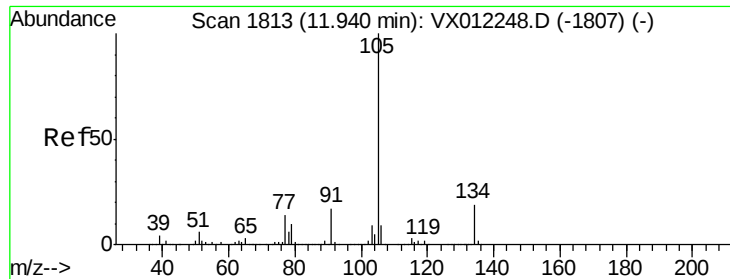
Tgt Ion:119 Resp: 380065
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.9 92.8
 134 22.5 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.690 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion:105 Resp: 395267
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.3 63.9

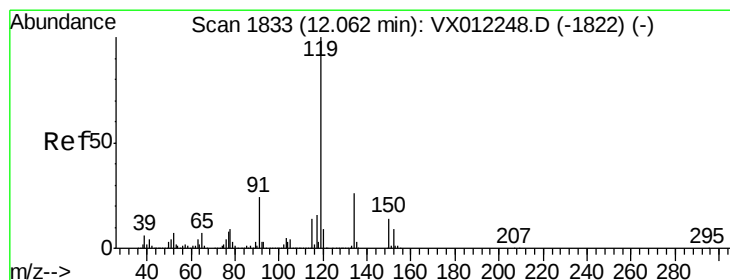
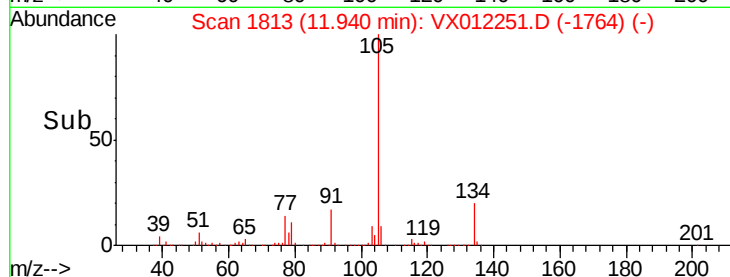
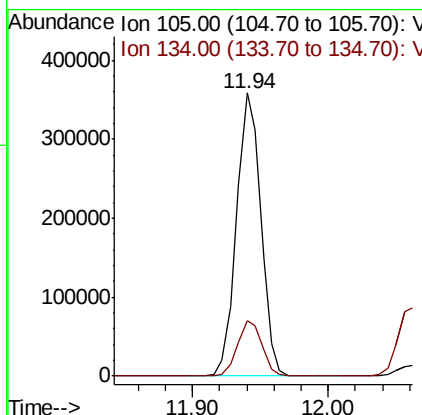
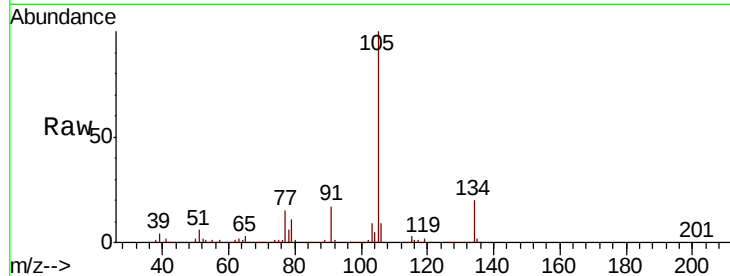




#85
 sec-Butylbenzene
 Concen: 53.150 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

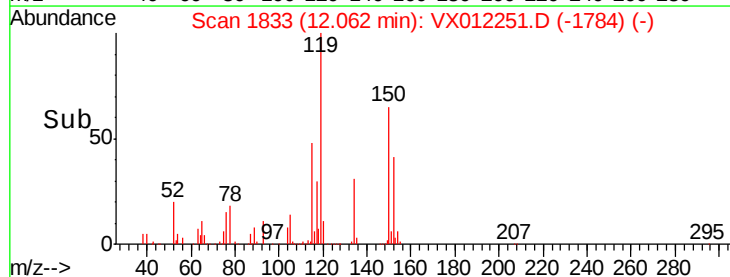
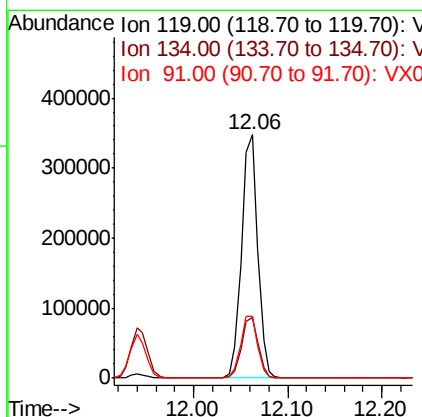
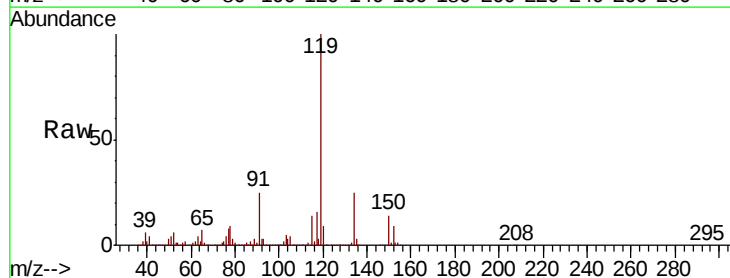
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

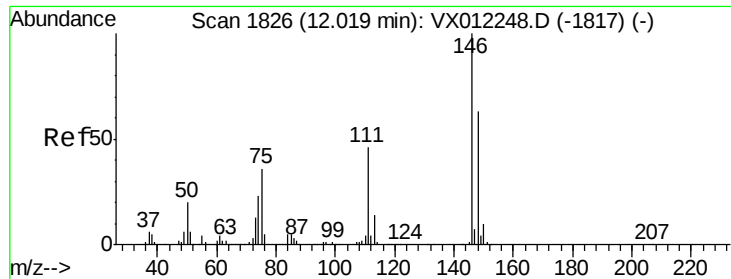
Tgt Ion:105 Resp: 446866
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.500 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion:119 Resp: 415614
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 26.6 13.1 39.1

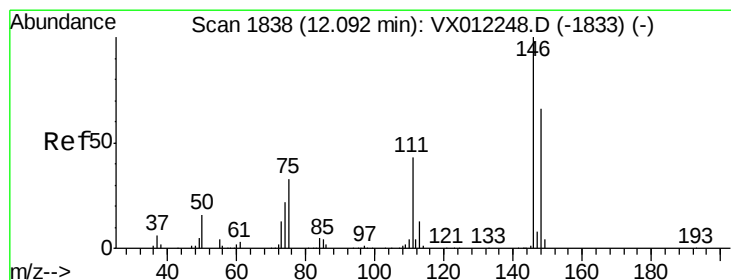
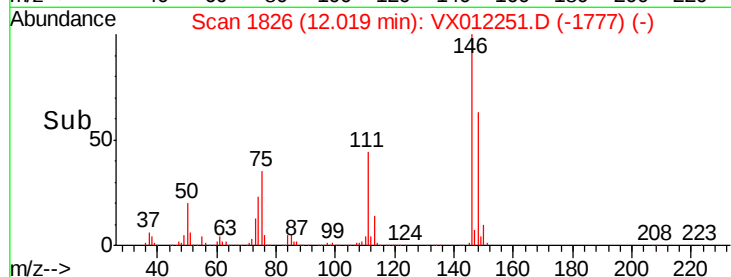
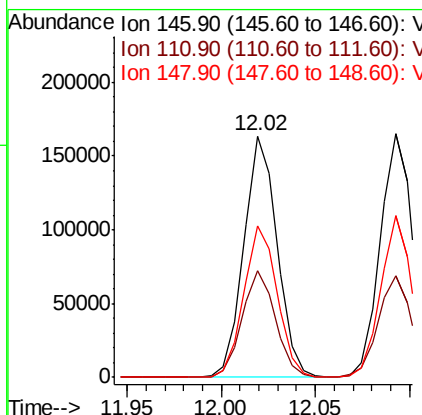
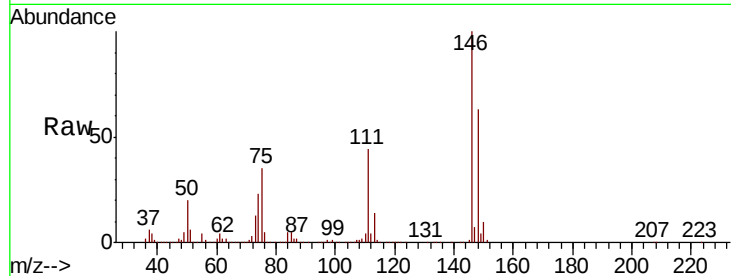




#87
 1,3-Dichlorobenzene
 Concen: 53.055 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

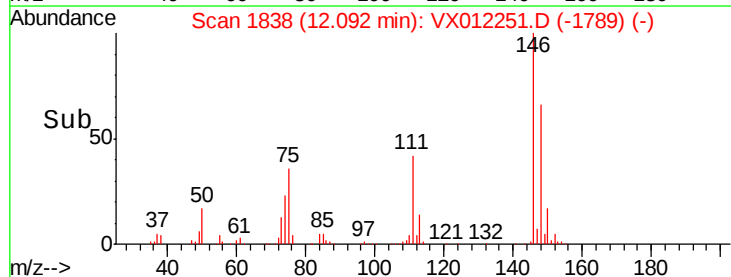
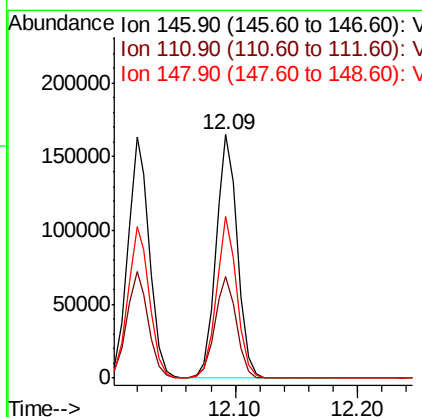
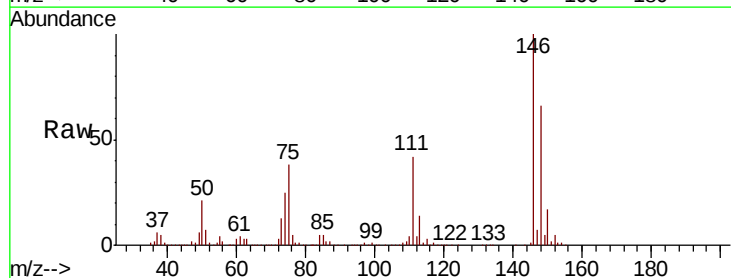
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

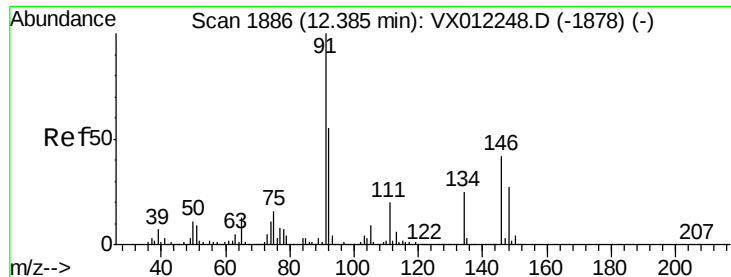
Tgt Ion:146 Resp: 200790
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.3 66.8
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 52.363 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion:146 Resp: 200388
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.6 64.8
 148 63.7 32.4 97.2

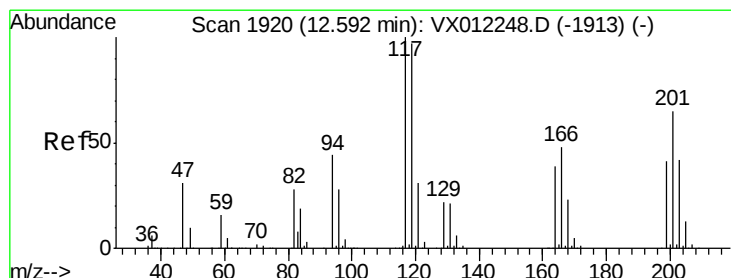
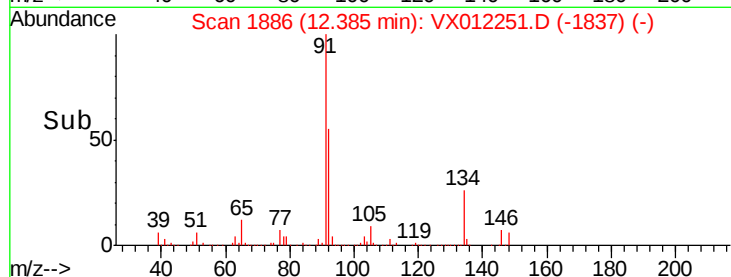
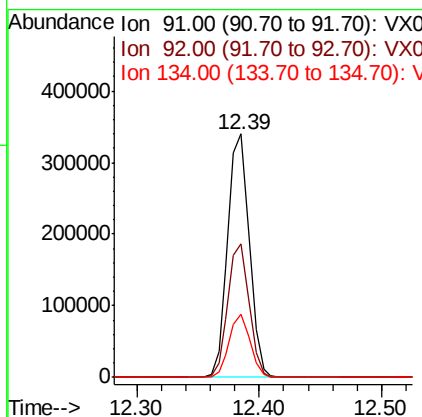
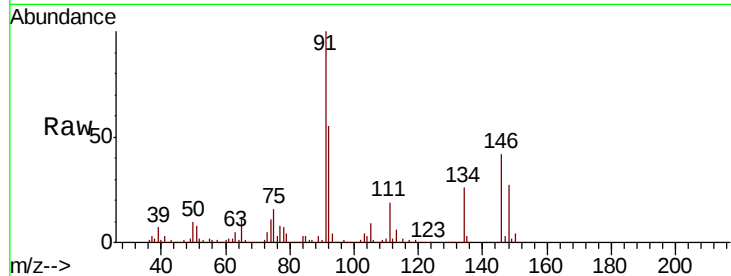




#89
n-Butylbenzene
Concen: 54.563 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

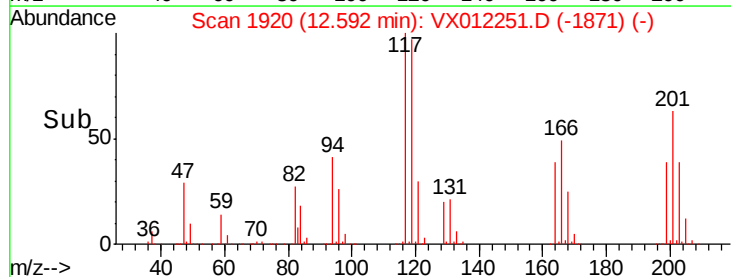
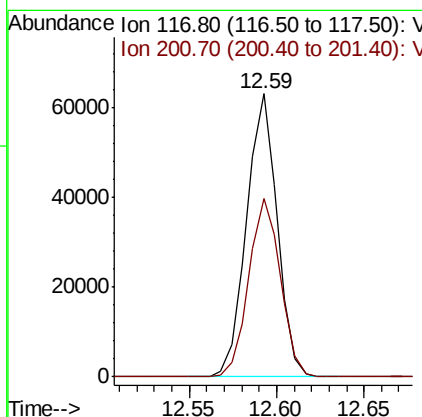
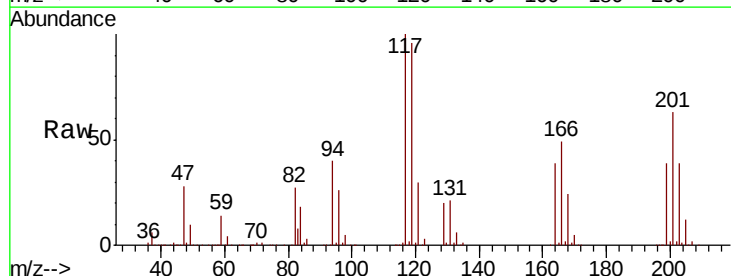
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091019

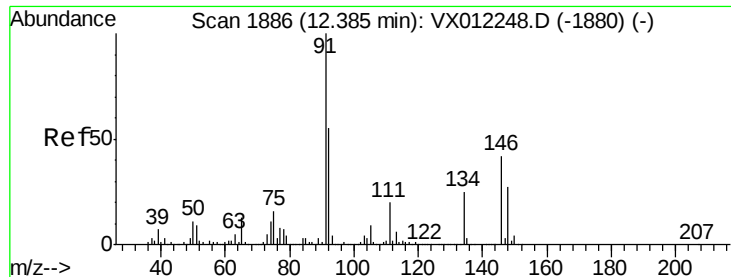
Tgt Ion: 91 Resp: 415448
Ion Ratio Lower Upper
91 100
92 54.0 27.6 82.7
134 25.1 12.5 37.5



#90
Hexachloroethane
Concen: 53.969 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012251.D
Acq: 10 Sep 2019 12:44

Tgt Ion: 117 Resp: 77224
Ion Ratio Lower Upper
117 100
201 65.2 32.2 96.6

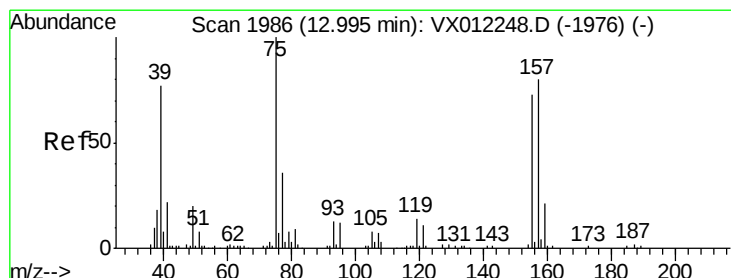
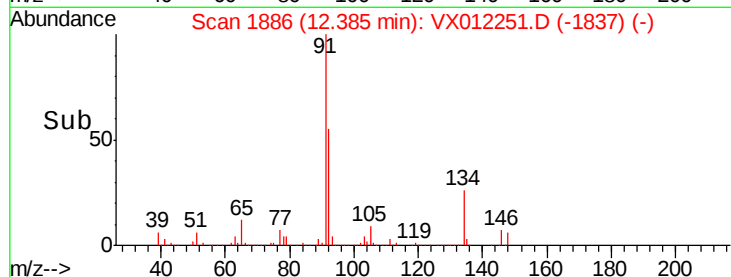
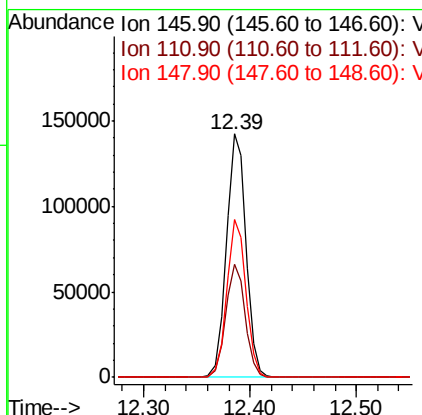
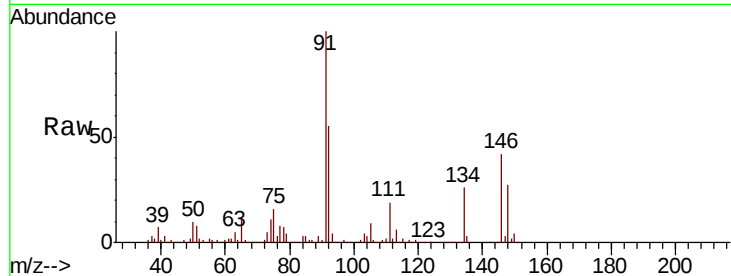




#91
 1,2-Dichlorobenzene
 Concen: 52.214 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

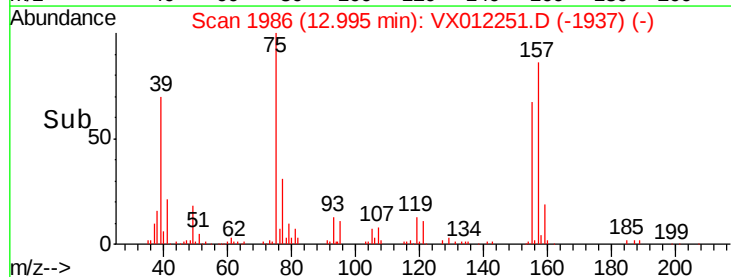
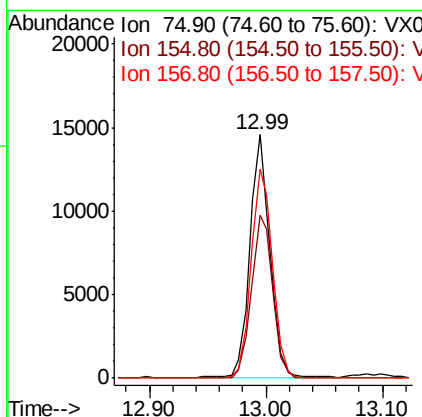
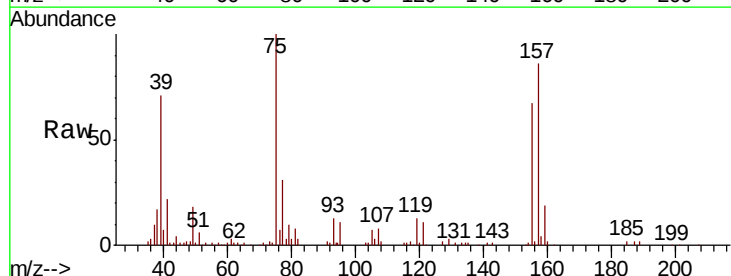
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091019

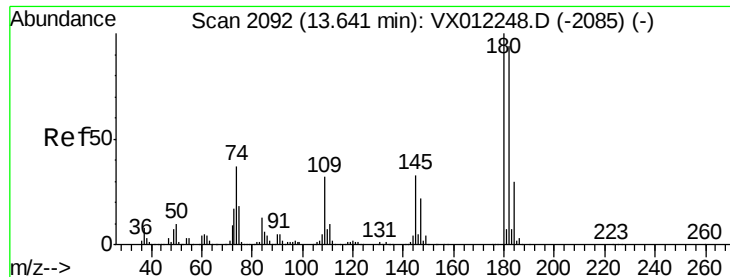
Tgt Ion: 146 Resp: 182796
 Ion Ratio Lower Upper
 146 100
 111 46.1 23.2 69.6
 148 63.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.088 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion: 75 Resp: 17718
 Ion Ratio Lower Upper
 75 100
 155 69.6 35.3 105.7
 157 89.8 43.2 129.6

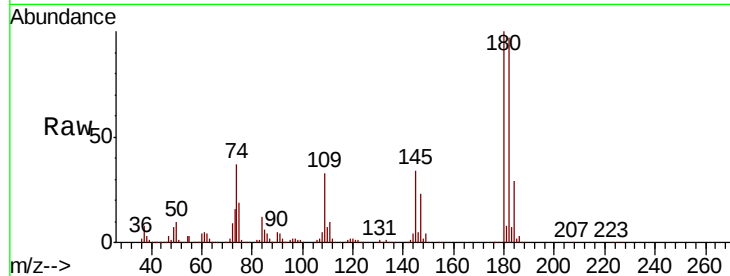




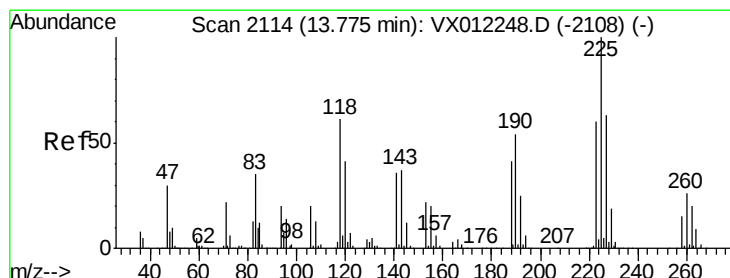
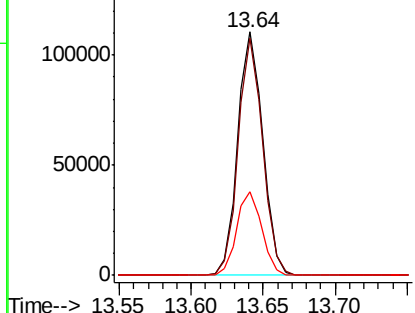
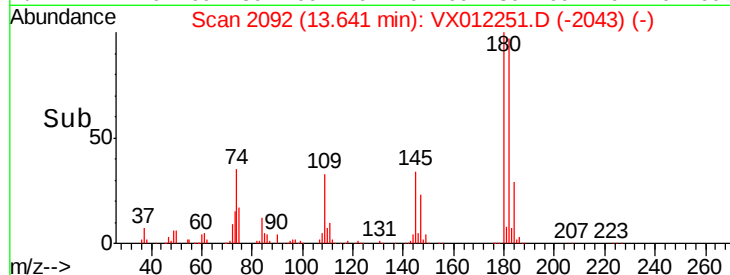
#93
 1,2,4-Trichlorobenzene
 Concen: 55.469 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX091019

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.8
145	34.6	17.1	51.2

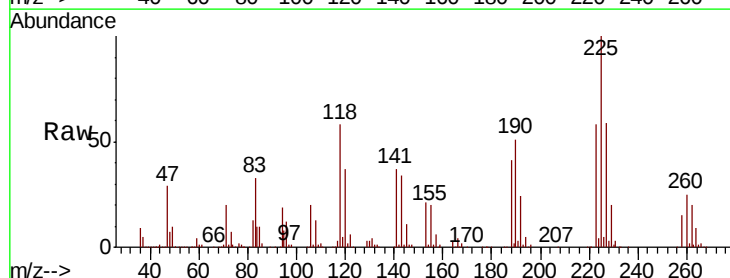


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

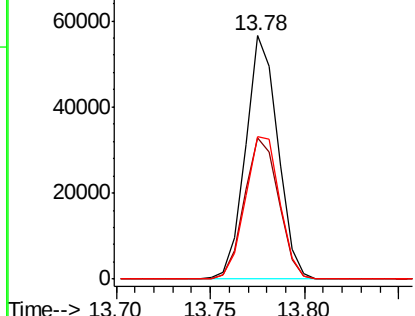
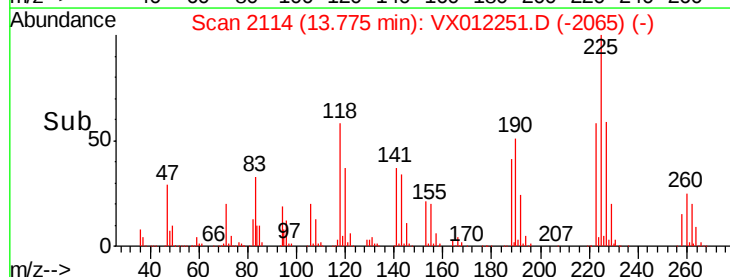


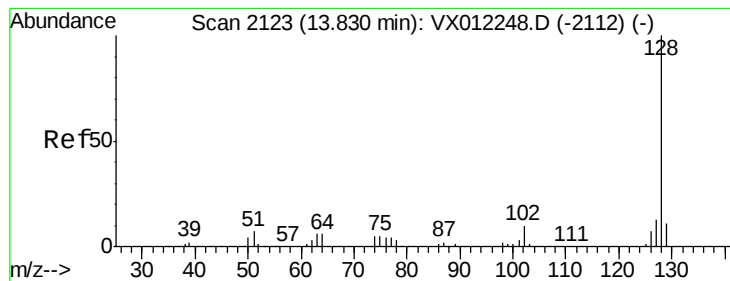
#94
 Hexachlorobutadiene
 Concen: 55.855 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012251.D
 Acq: 10 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.1	96.5
227	62.5	32.5	97.5



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: 53.910 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX091019

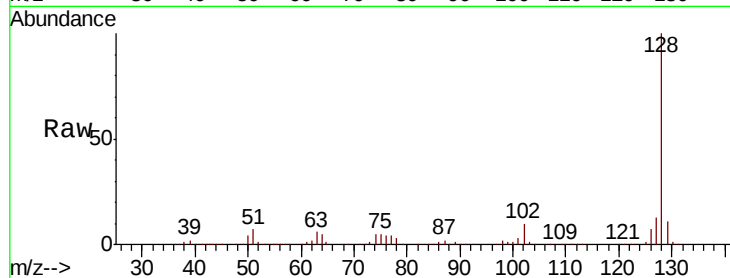
Tgt Ion:128 Resp: 279702

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

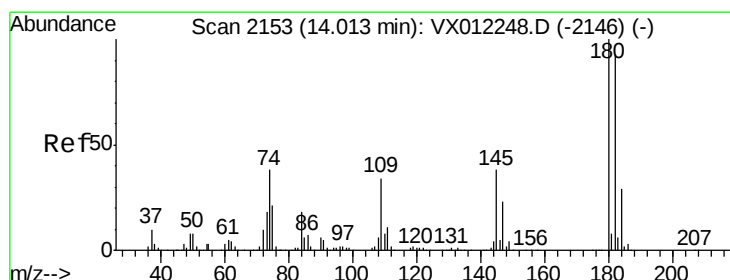
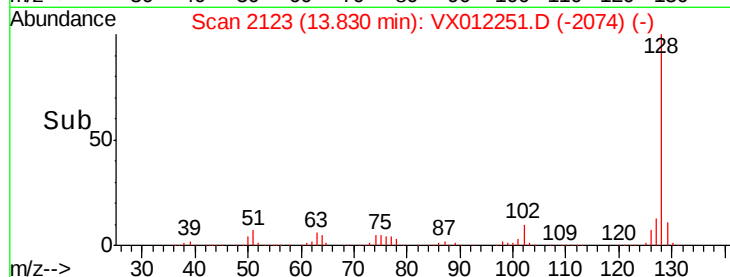
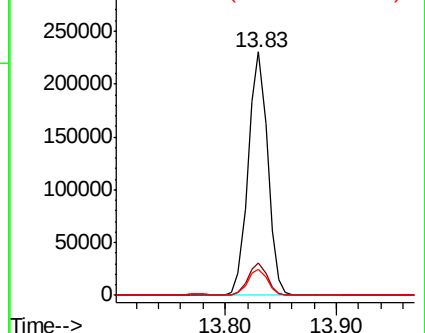
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.462 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012251.D

Acq: 10 Sep 2019 12:44

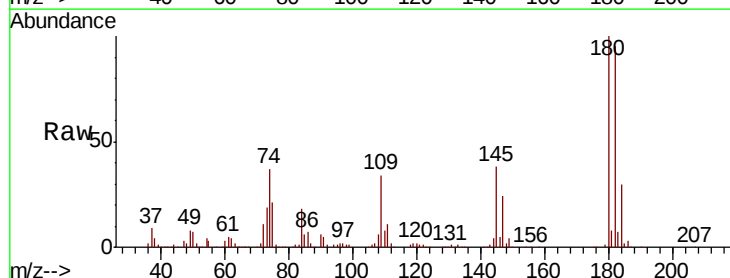
Tgt Ion:180 Resp: 116501

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.0

145 37.2 18.6 55.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

