

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102919\
 Data File : VX013275.D
 Acq On : 29 Oct 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:21:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	69730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	99515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	74248	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.48	113	57969	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	205360	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	82989	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68557	48.725	ug/l	99
3) Chloromethane	1.32	50	53428	46.186	ug/l	95
4) Vinyl Chloride	1.40	62	56808	44.864	ug/l	96
5) Bromomethane	1.63	94	30109	44.862	ug/l	97
6) Chloroethane	1.71	64	36126	51.033	ug/l	98
7) Trichlorofluoromethane	1.92	101	106869	53.464	ug/l	99
8) Diethyl Ether	2.18	74	33756	49.258	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62408	50.433	ug/l	99
10) Methyl Iodide	2.50	142	73109	47.115	ug/l	98
11) Tert butyl alcohol	3.03	59	84432	266.928	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57870	48.718	ug/l	95
13) Acrolein	2.28	56	40600	237.270	ug/l	97
14) Allyl chloride	2.72	41	86456	46.232	ug/l	95
15) Acrylonitrile	3.13	53	160530	249.717	ug/l	99
16) Acetone	2.44	43	166292	242.020	ug/l	99
17) Carbon Disulfide	2.56	76	139230	43.598	ug/l	100
18) Methyl Acetate	2.76	43	79388	52.858	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	212655	50.838	ug/l	100
20) Methylene Chloride	2.84	84	66160	51.482	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63826	51.626	ug/l	94
22) Diisopropyl ether	3.84	45	176863	48.369	ug/l	98
23) Vinyl Acetate	3.80	43	779494	250.813	ug/l	99
24) 1,1-Dichloroethane	3.69	63	112167	49.872	ug/l	98
25) 2-Butanone	4.65	43	224967	244.139	ug/l	95
26) 2,2-Dichloropropane	4.58	77	105742	50.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	72434	49.791	ug/l	98
28) Bromochloromethane	5.00	49	29992	51.716	ug/l	95
29) Tetrahydrofuran	5.11	42	134664	242.450	ug/l	99
30) Chloroform	5.20	83	125548	52.430	ug/l	98
31) Cyclohexane	5.57	56	90623	48.047	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	114783	53.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87502	52.532	ug/l	100
37) Ethyl Acetate	4.82	43	83926	50.608	ug/l	99
38) Carbon Tetrachloride	5.78	117	99700	54.202	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102919\
 Data File : VX013275.D
 Acq On : 29 Oct 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:21:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	100467	47.158	ug/l	100
40) Benzene	6.13	78	249293	49.874	ug/l	99
41) Methacrylonitrile	5.03	41	46528	52.332	ug/l	98
42) 1,2-Dichloroethane	6.18	62	104255	55.319	ug/l	99
43) Isopropyl Acetate	6.43	43	139900	50.810	ug/l	99
44) Trichloroethene	7.20	130	71668	50.518	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61939	49.474	ug/l	96
46) Dibromomethane	7.65	93	45948	50.941	ug/l	99
47) Bromodichloromethane	7.89	83	96541	54.922	ug/l	97
48) Methyl methacrylate	7.76	41	69512	51.079	ug/l	99
49) 1,4-Dioxane	7.73	88	37661	1087.353	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	431459	257.087	ug/l	100
52) Toluene	8.78	92	164374	49.621	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	105624	56.545	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	110457	54.054	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68121	52.013	ug/l	98
56) Ethyl methacrylate	9.17	69	106880	54.222	ug/l	99
57) 1,3-Dichloropropane	9.37	76	115140	52.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	202413	263.168	ug/l	99
59) 2-Hexanone	9.48	43	338741	262.031	ug/l	98
60) Dibromochloromethane	9.57	129	76610	55.824	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73206	52.652	ug/l	99
64) Tetrachloroethene	9.33	164	69825	55.657	ug/l	98
65) Chlorobenzene	10.14	112	181436	50.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	72679	55.059	ug/l	97
67) Ethyl Benzene	10.25	91	325865	50.940	ug/l	98
68) m/p-Xylenes	10.35	106	245987	101.751	ug/l	100
69) o-Xylene	10.70	106	116782	50.357	ug/l	96
70) Styrene	10.71	104	207617	51.992	ug/l	99
71) Bromoform	10.85	173	56627	58.711	ug/l #	99
73) Isopropylbenzene	11.01	105	315158	46.910	ug/l	97
74) N-amyl acetate	10.89	43	123250	49.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	96208	47.162	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	117148	65.698	ug/l	88
77) Bromobenzene	11.25	156	76731	47.653	ug/l	97
78) n-propylbenzene	11.35	91	352915	48.359	ug/l	99
79) 2-Chlorotoluene	11.42	91	220814	47.889	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	282418	50.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32833	50.599	ug/l	94
82) 4-Chlorotoluene	11.51	91	259183	49.610	ug/l	97
83) tert-Butylbenzene	11.76	119	268377	48.576	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272414	48.364	ug/l	98
85) sec-Butylbenzene	11.94	105	311105	49.482	ug/l	99
86) p-Isopropyltoluene	12.06	119	302461	51.207	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136273	46.846	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	140769	47.529	ug/l	99
89) n-Butylbenzene	12.39	91	236395	48.924	ug/l	99
90) Hexachloroethane	12.59	117	52647	53.224	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	136994	47.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26754	52.740	ug/l	99

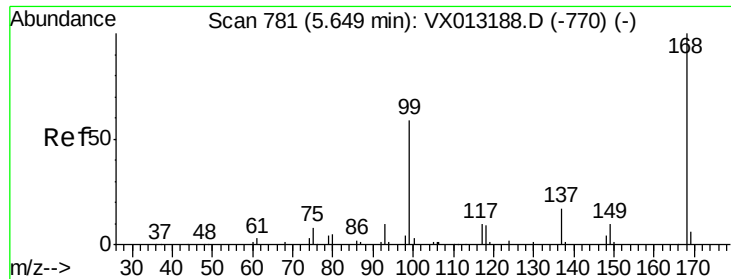
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102919\
Data File : VX013275.D
Acq On : 29 Oct 2019 17:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 30 01:21:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	85364	47.392	ug/l	96
94) Hexachlorobutadiene	13.78	225	45040	48.339	ug/l	96
95) Naphthalene	13.83	128	273144	49.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87469	49.143	ug/l	98

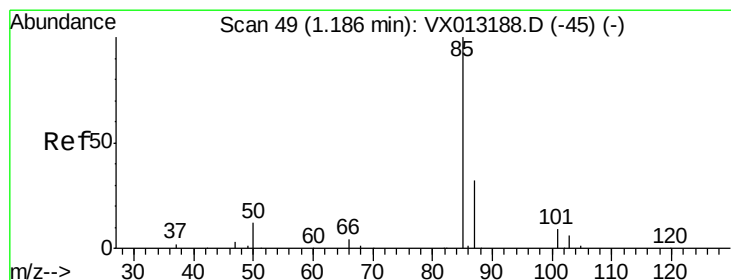
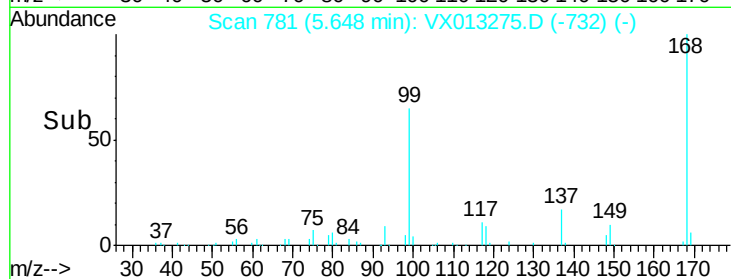
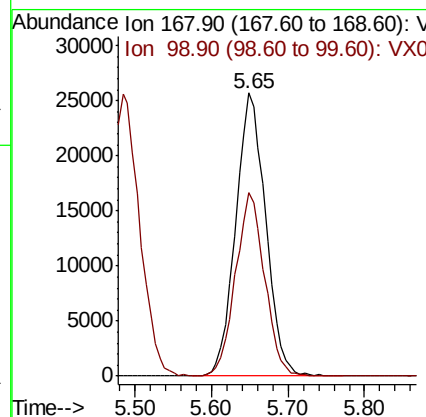
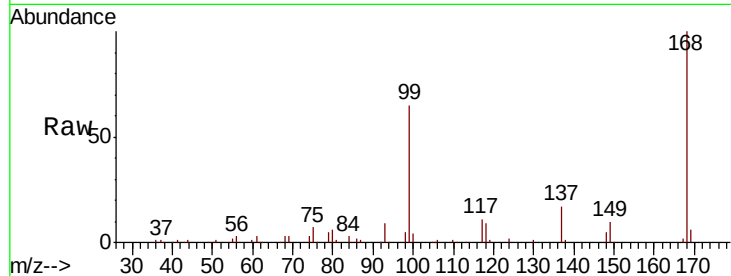
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

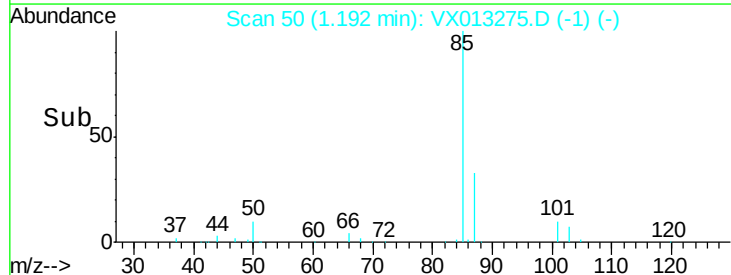
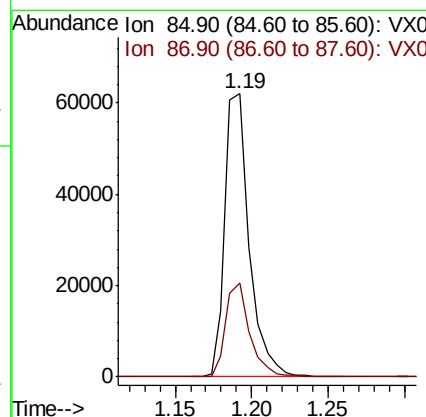
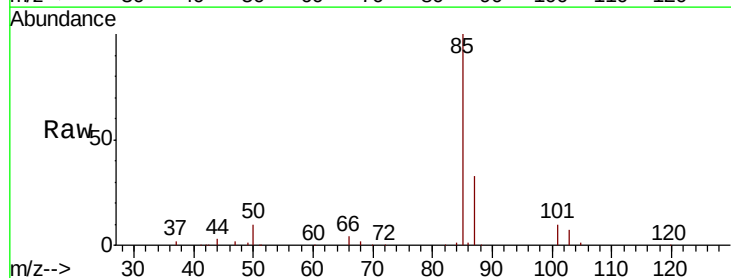
Instrument :
MSVOA_X
ClientSampleId :

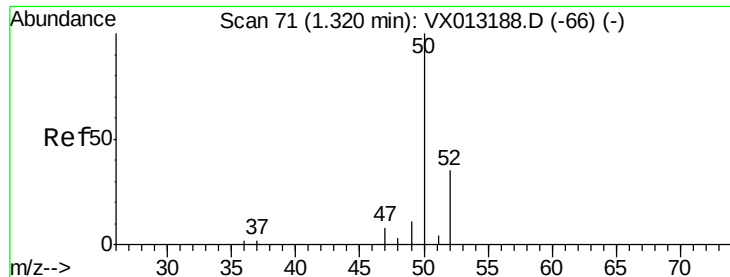
Tot Ion:168 Resp: 69730
Ion Ratio Lower Upper
168 100
99 64.7 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 48.725 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 85 Resp: 68557
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





#3

Chloromethane

Concen: 46.186 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

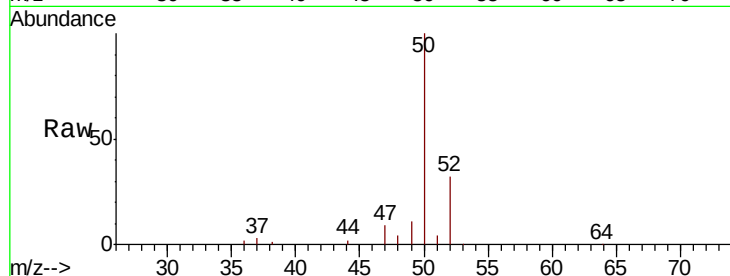
ClientSampled :

Tot Ion: 50 Resp: 53428

Ion Ratio Lower Upper

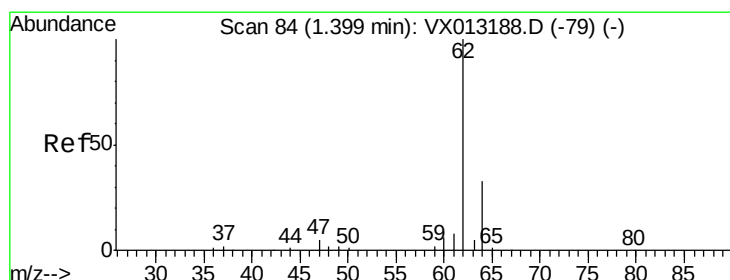
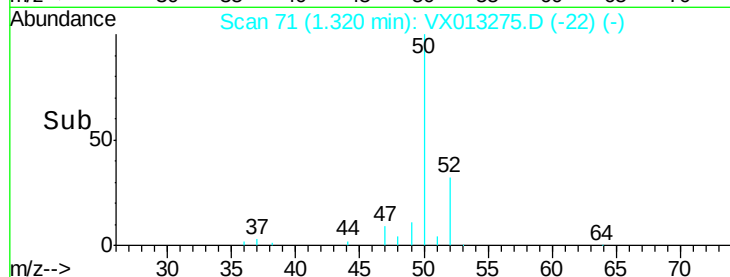
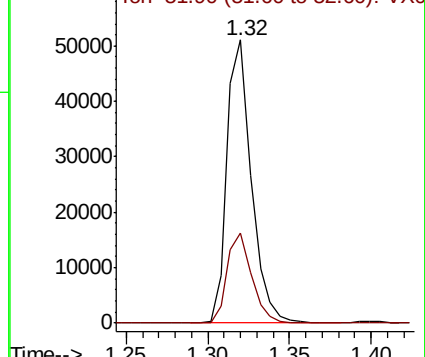
50 100

52 31.9 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.864 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013275.D

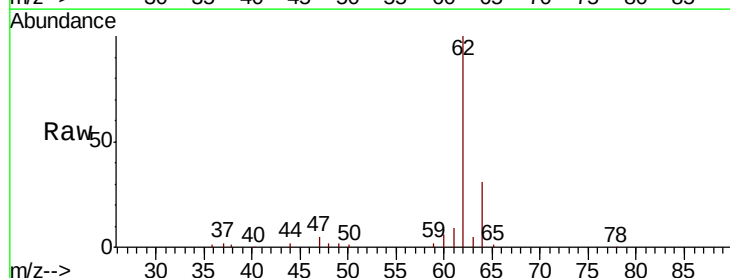
Acq: 29 Oct 2019 17:50

Tgt Ion: 62 Resp: 56808

Ion Ratio Lower Upper

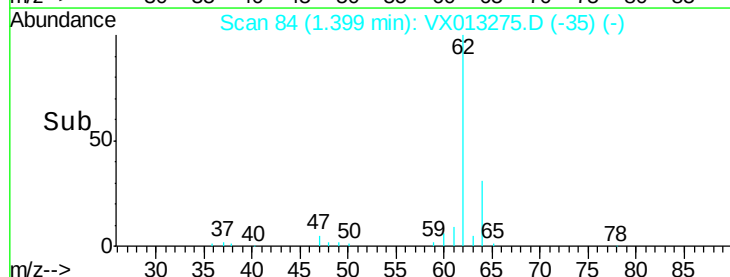
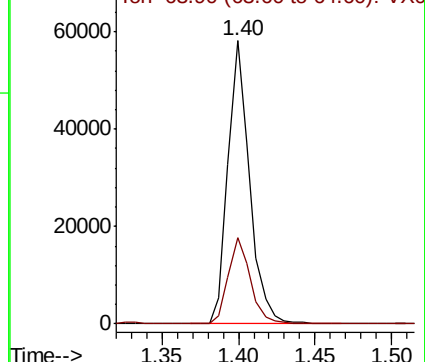
62 100

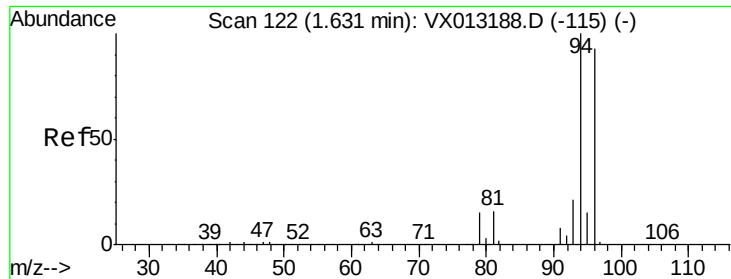
64 30.6 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.862 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

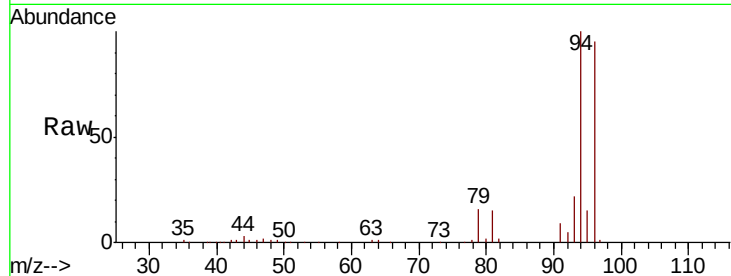
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 30109

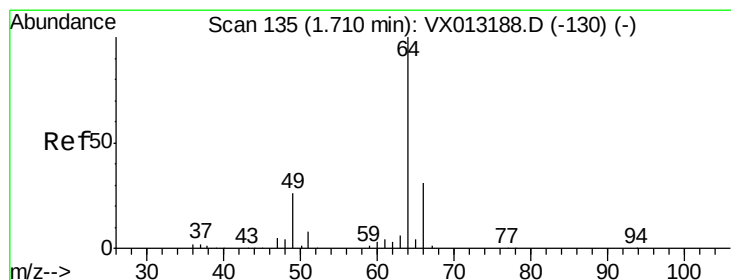
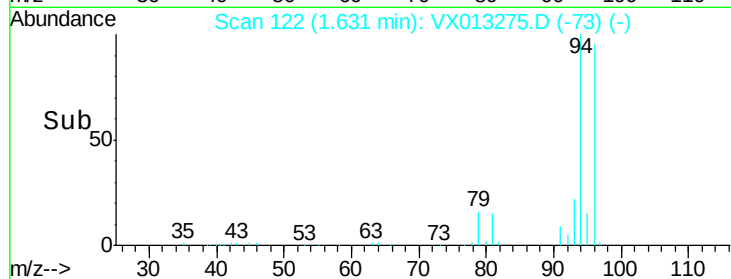
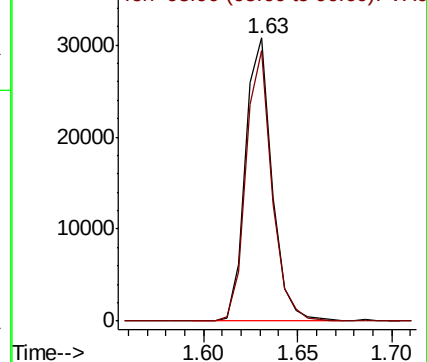
Ion Ratio Lower Upper

94 100

96 95.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.033 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013275.D

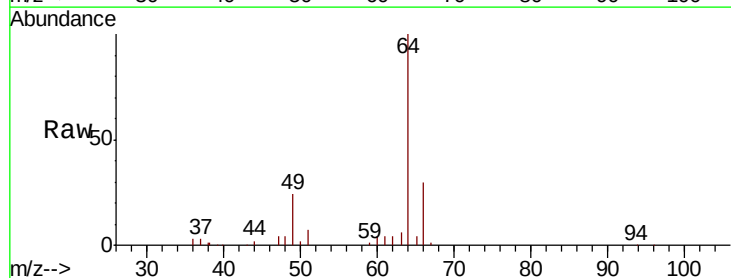
Acq: 29 Oct 2019 17:50

Tgt Ion: 64 Resp: 36126

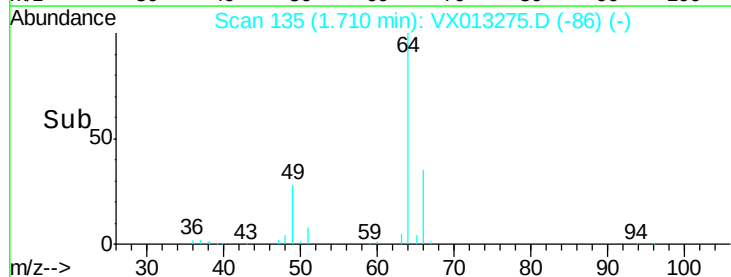
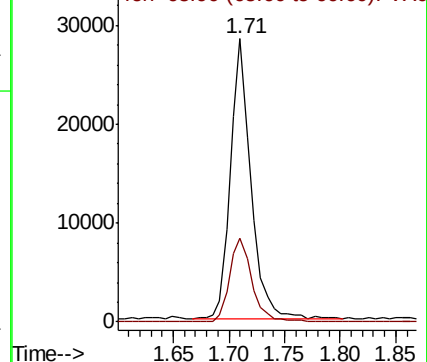
Ion Ratio Lower Upper

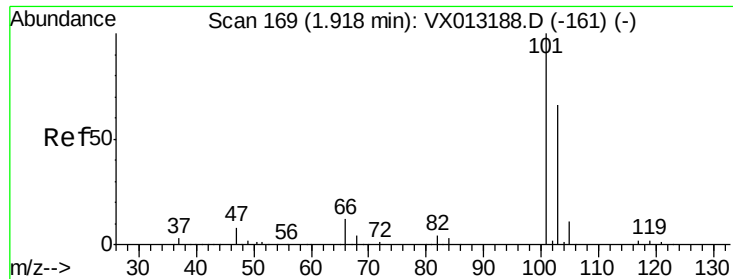
64 100

66 30.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



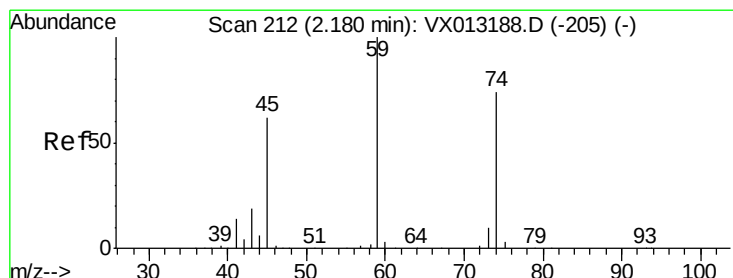
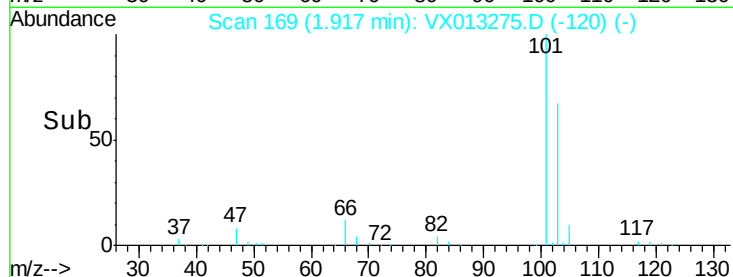
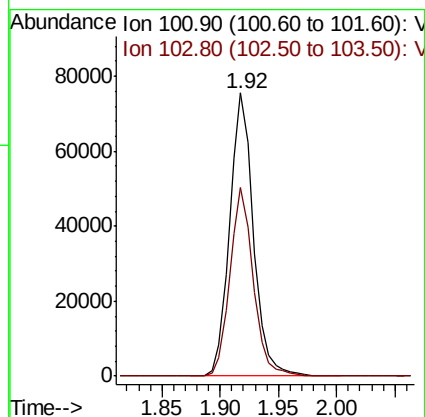
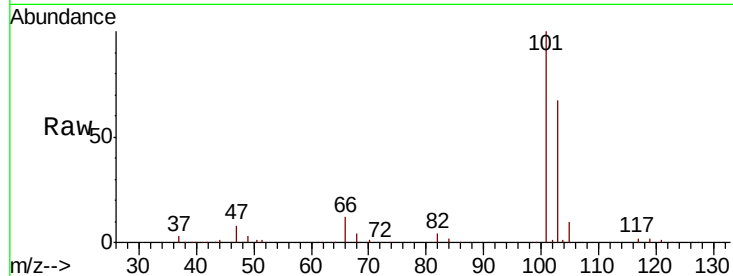


#7

Trichlorofluoromethane
Concen: 53.464 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :

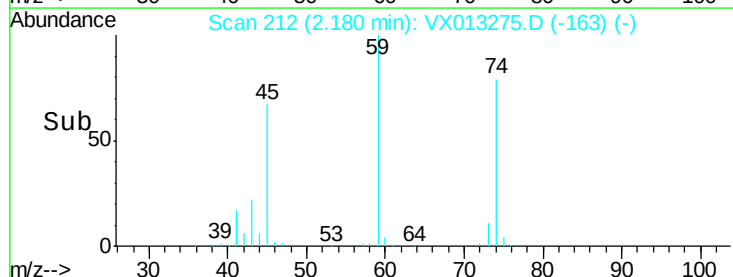
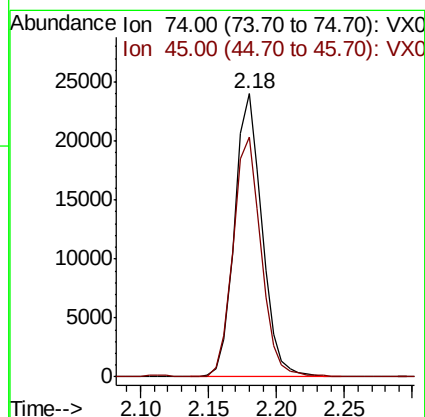
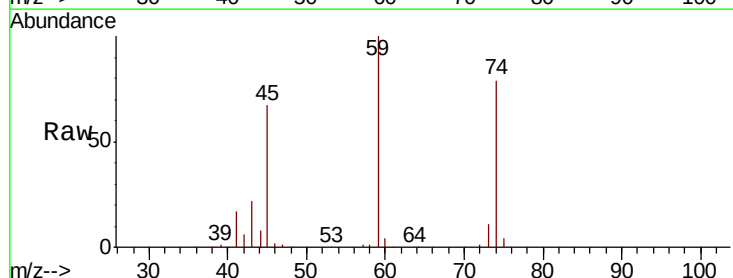
Tot Ion:101 Resp: 106869
Ion Ratio Lower Upper
101 100
103 66.8 53.0 79.6

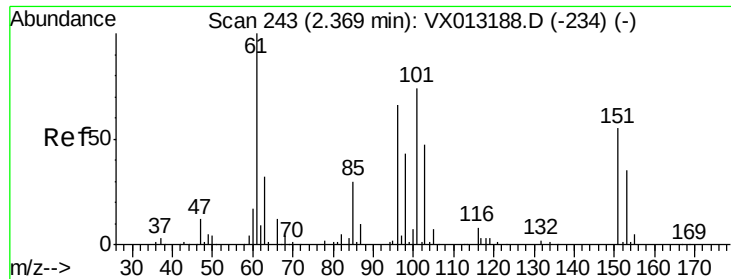


#8

Diethyl Ether
Concen: 49.258 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 74 Resp: 33756
Ion Ratio Lower Upper
74 100
45 86.6 44.8 134.3

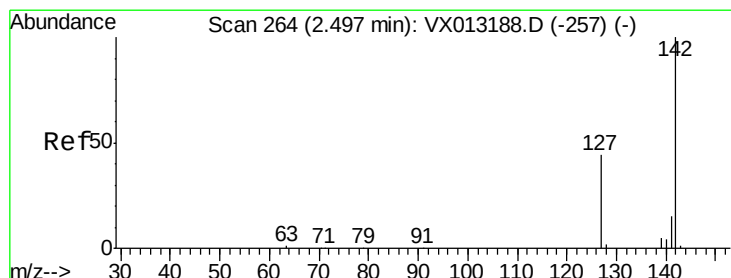
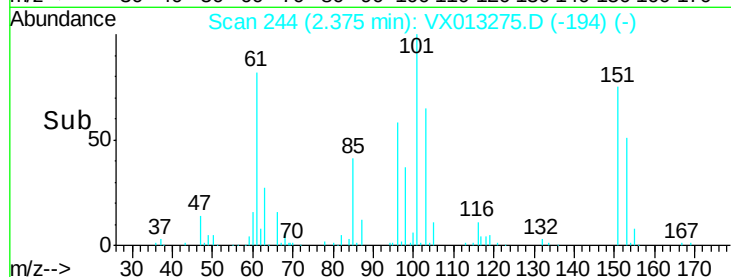
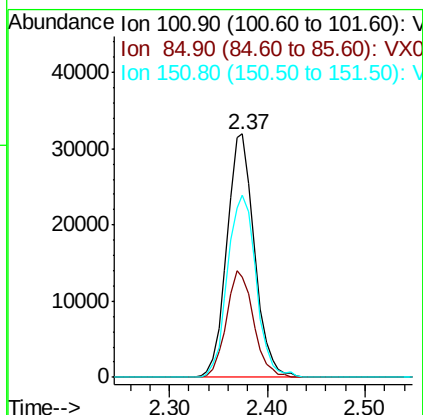
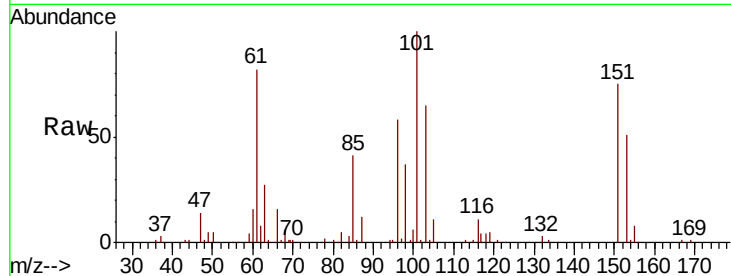




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.433 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

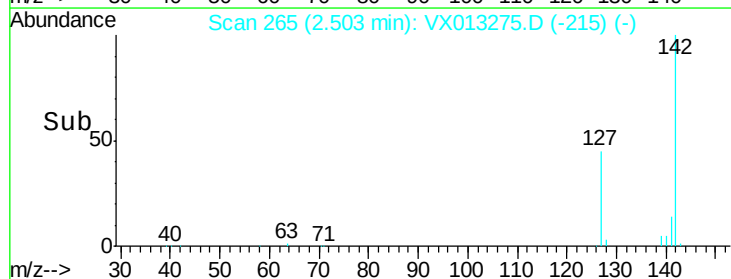
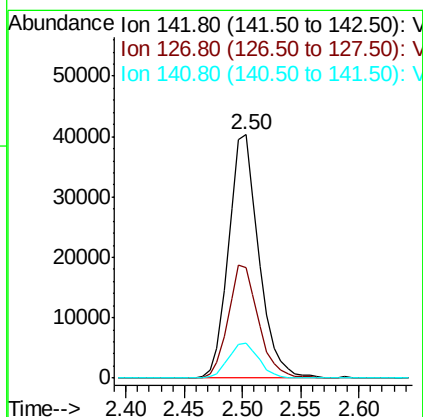
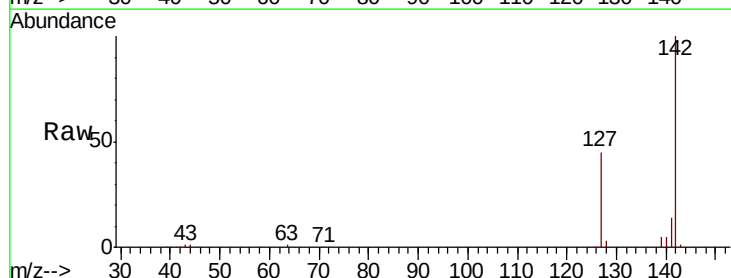
Instrument :
 MSVOA_X
 ClientSampleId :

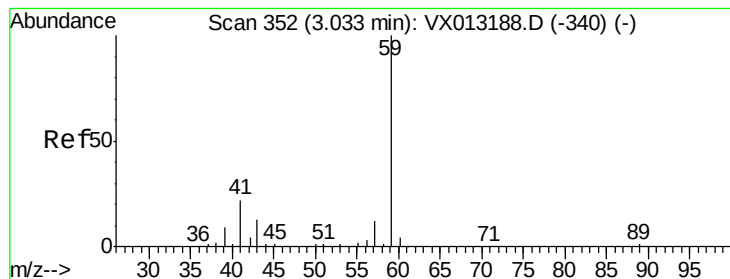
Tot Ion:101 Resp: 62408
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.0 51.0
 151 77.7 62.0 93.0



#10
 Methyl Iodide
 Concen: 47.115 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion:142 Resp: 73109
 Ion Ratio Lower Upper
 142 100
 127 46.5 35.6 53.4
 141 14.4 11.6 17.4



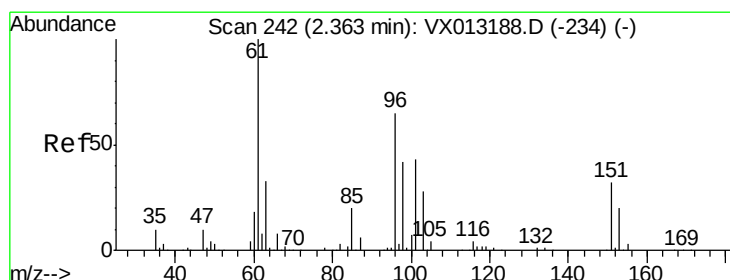
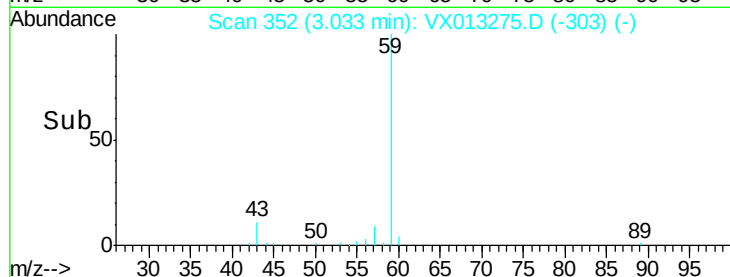
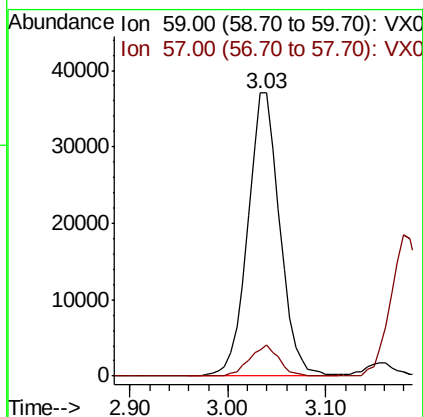
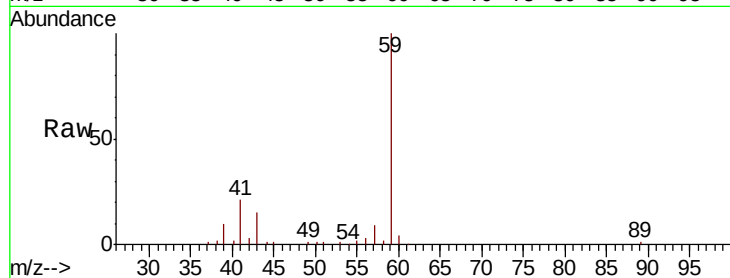


#11

Tert butyl alcohol
Concen: 266.928 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :

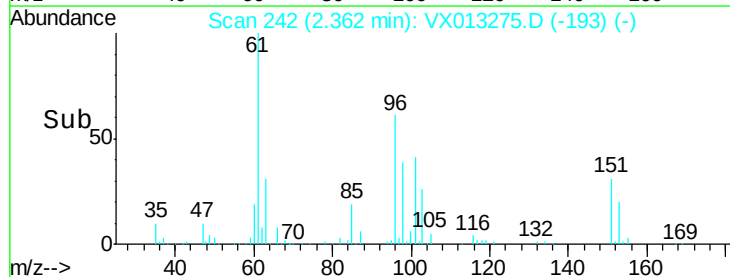
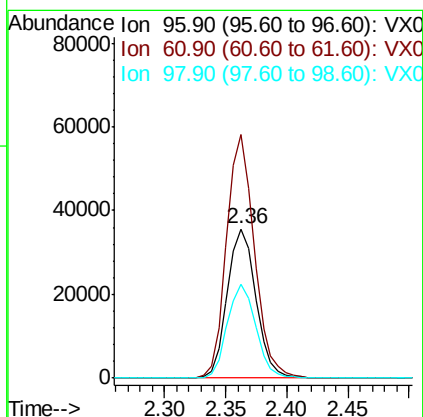
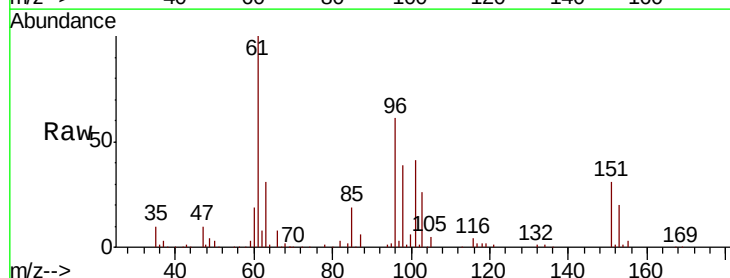
Tot Ion: 59 Resp: 84432
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

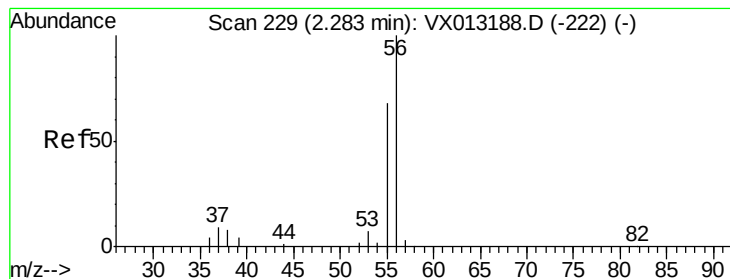


#12

1,1-Dichloroethene
Concen: 48.718 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 96 Resp: 57870
Ion Ratio Lower Upper
96 100
61 163.3 123.8 185.8
98 63.2 51.6 77.4





#13

Acrolein

Concen: 237.270 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

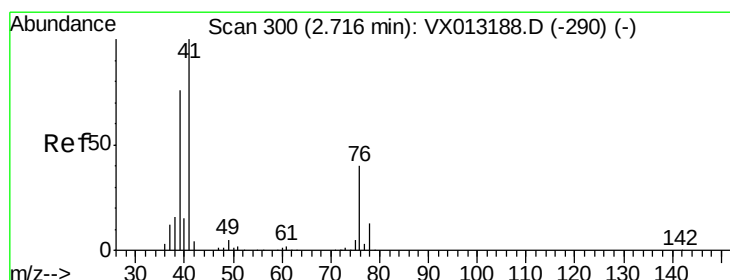
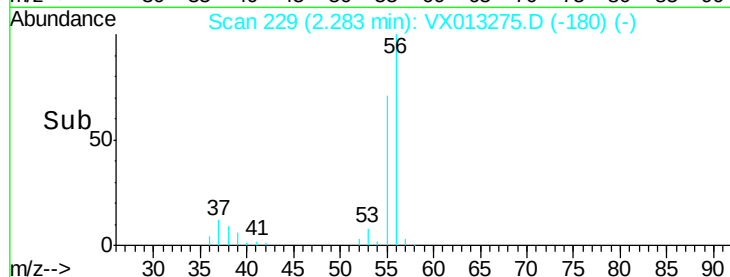
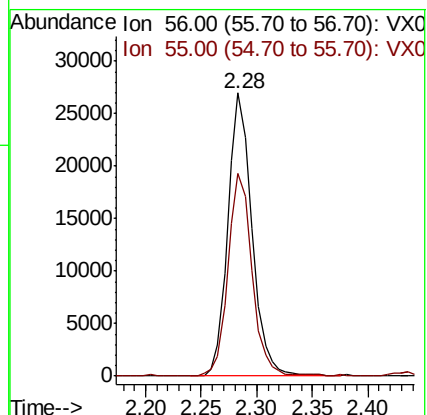
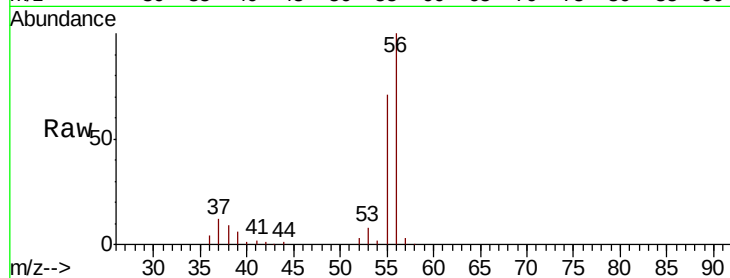
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 40600

Ion Ratio Lower Upper

56 100

55 70.9 58.9 88.3



#14

Allyl chloride

Concen: 46.232 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

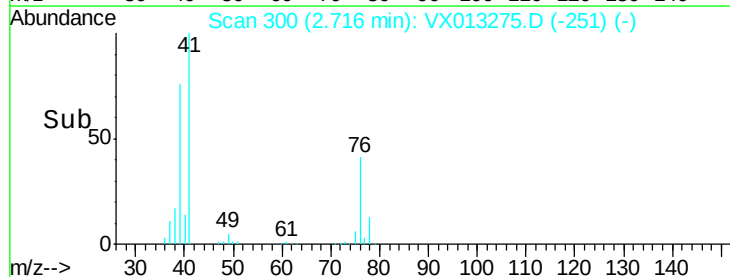
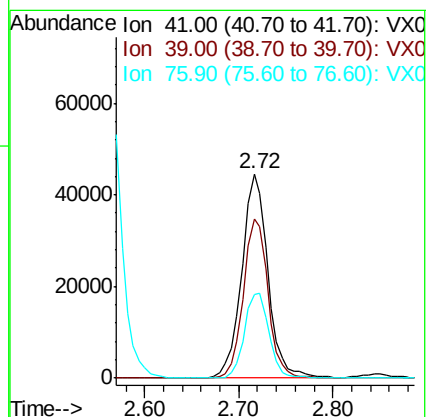
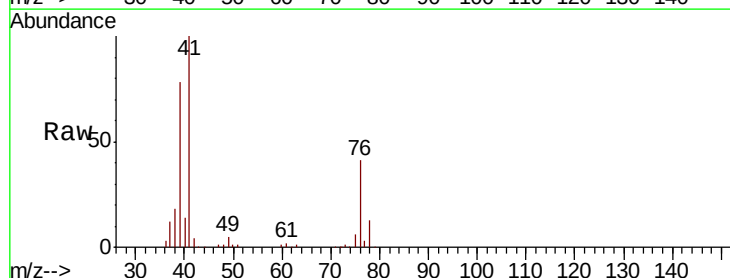
Tgt Ion: 41 Resp: 86456

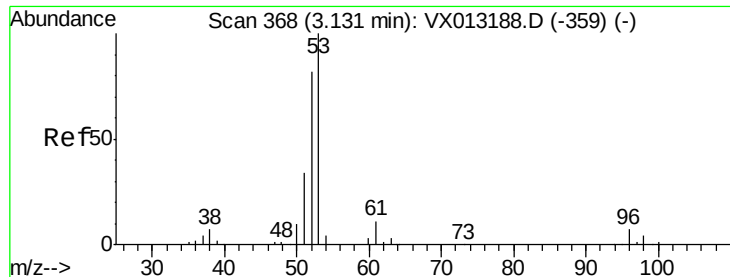
Ion Ratio Lower Upper

41 100

39 73.2 54.6 81.8

76 39.1 29.8 44.6





#15

Acrylonitrile

Concen: 249.717 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

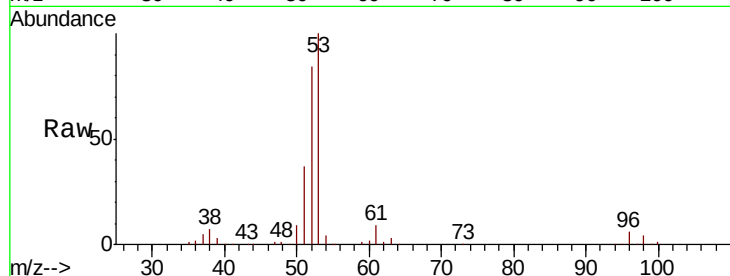
Tot Ion: 53 Resp: 160530

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

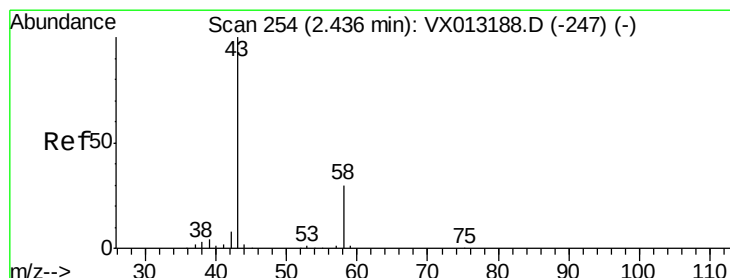
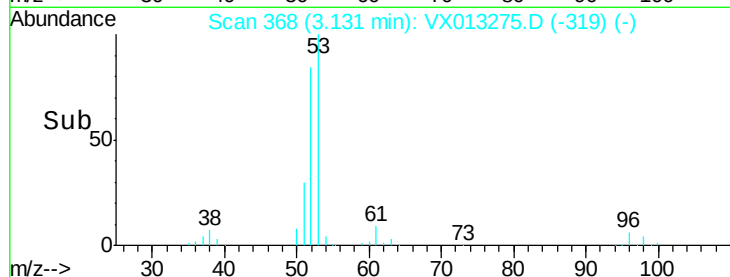
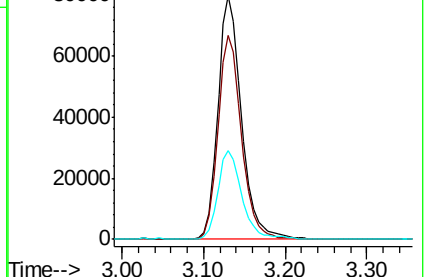
51 37.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.020 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013275.D

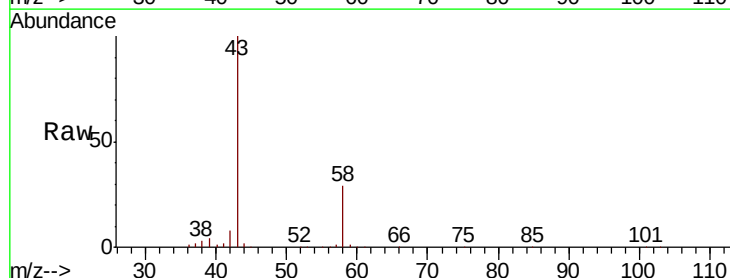
Acq: 29 Oct 2019 17:50

Tgt Ion: 43 Resp: 166292

Ion Ratio Lower Upper

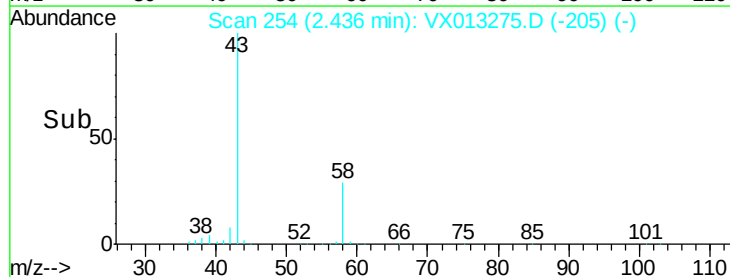
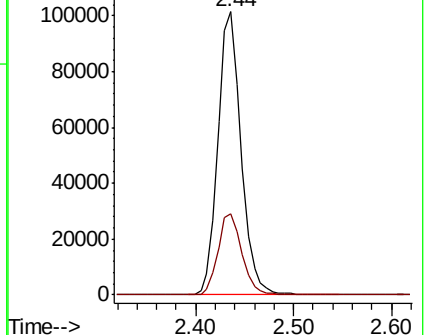
43 100

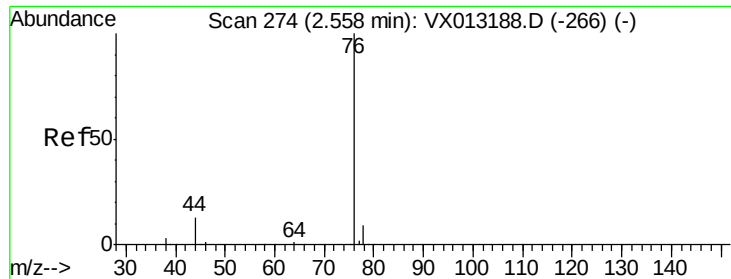
58 28.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.598 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

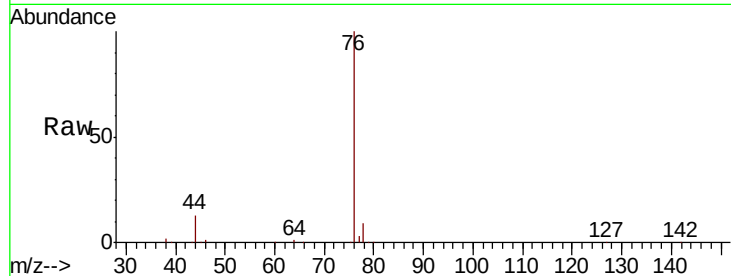
ClientSampleId :

Tot Ion: 76 Resp: 139230

Ion Ratio Lower Upper

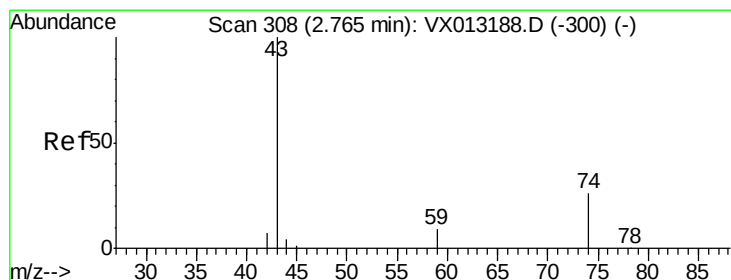
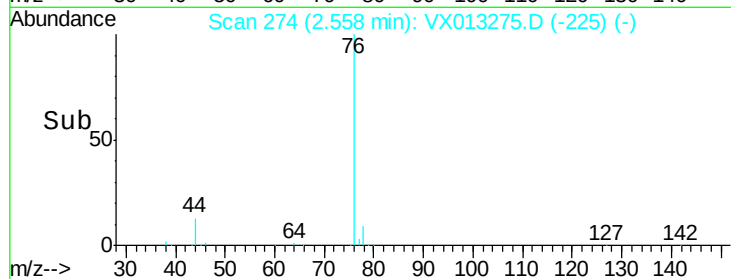
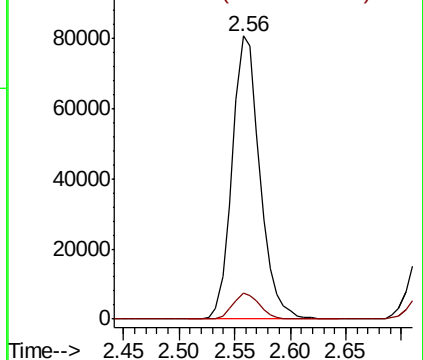
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.858 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013275.D

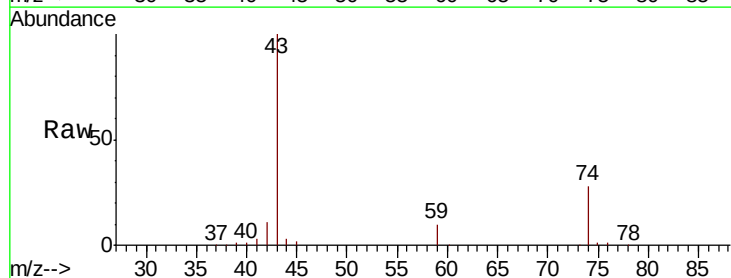
Acq: 29 Oct 2019 17:50

Tgt Ion: 43 Resp: 79388

Ion Ratio Lower Upper

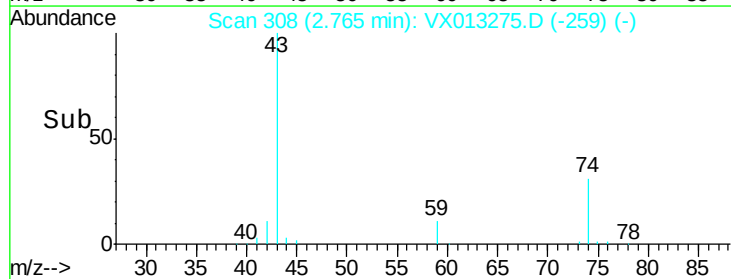
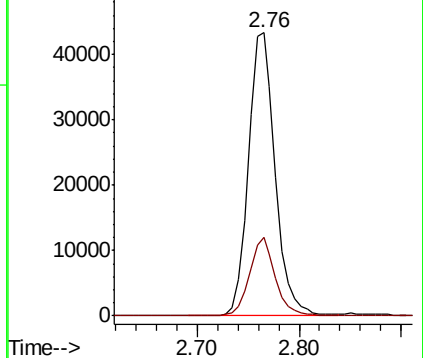
43 100

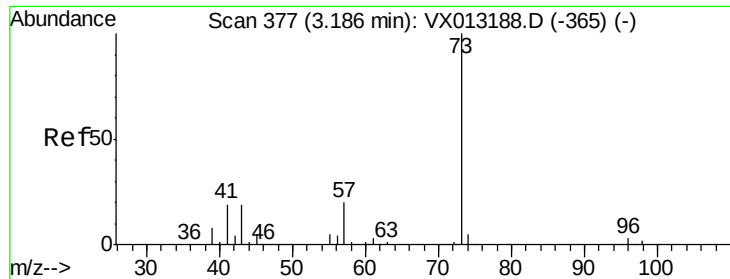
74 26.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

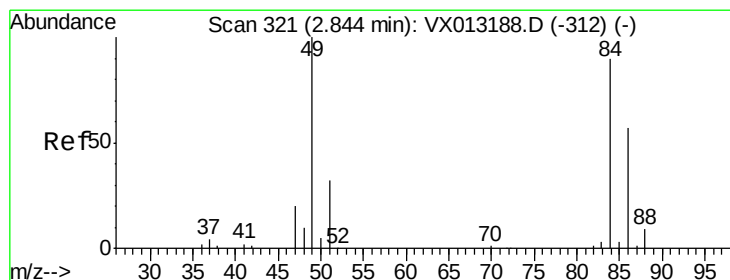
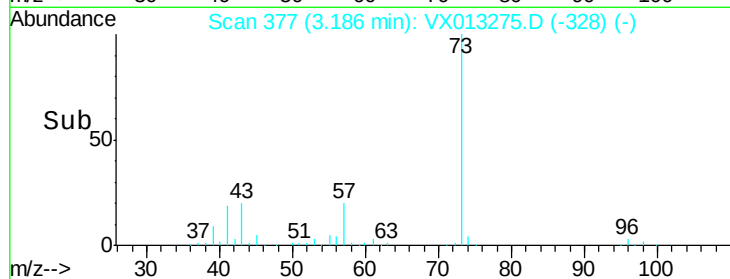
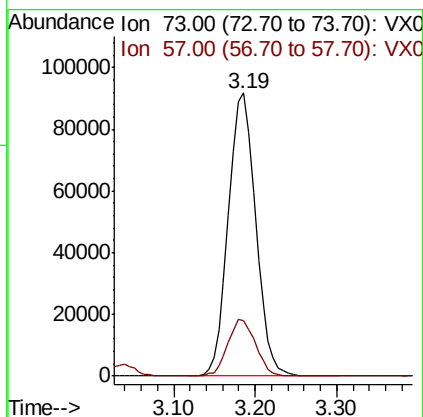
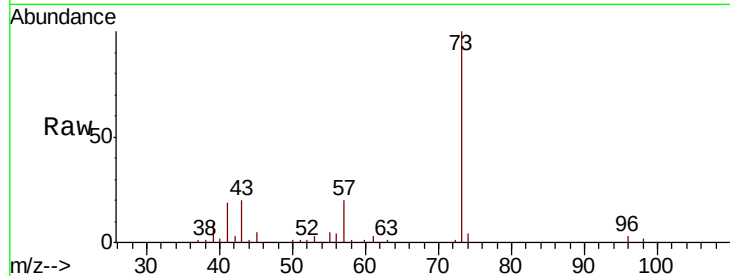




#19
Methyl tert-butyl Ether
Concen: 50.838 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

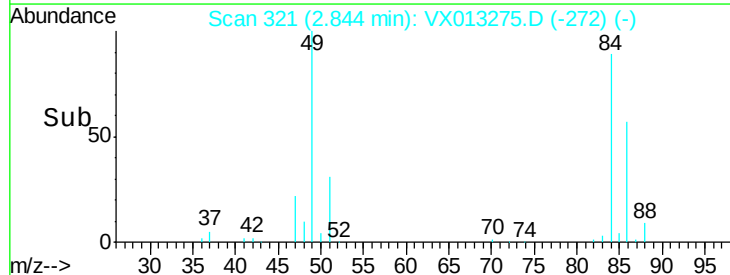
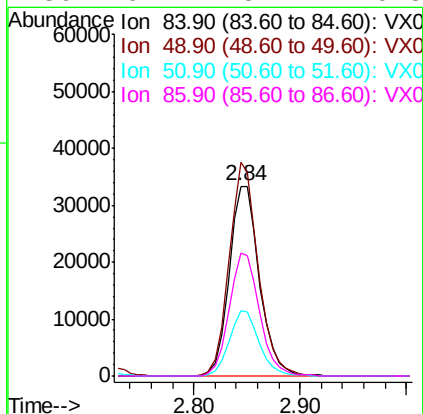
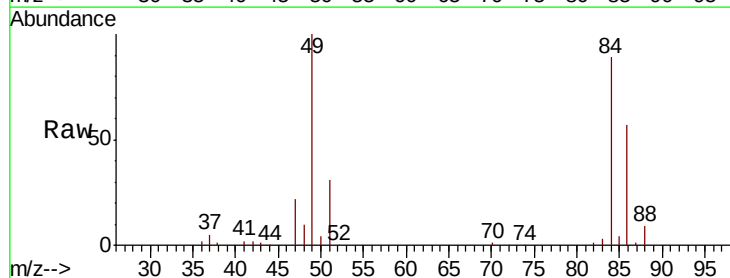
Instrument :
MSVOA_X
ClientSampled :

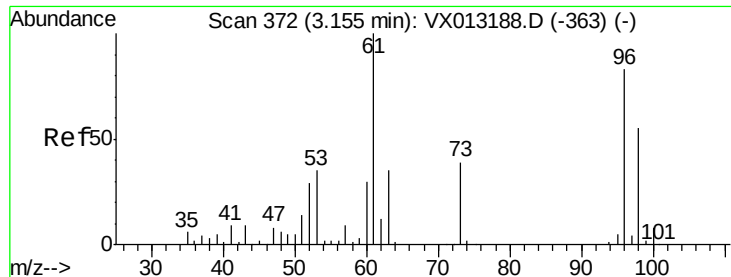
Tot Ion: 73 Resp: 212655
Ion Ratio Lower Upper
73 100
57 19.7 15.8 23.8



#20
Methylene Chloride
Concen: 51.482 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 84 Resp: 66160
Ion Ratio Lower Upper
84 100
49 112.7 89.2 133.8
51 34.5 28.8 43.2
86 64.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.626 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

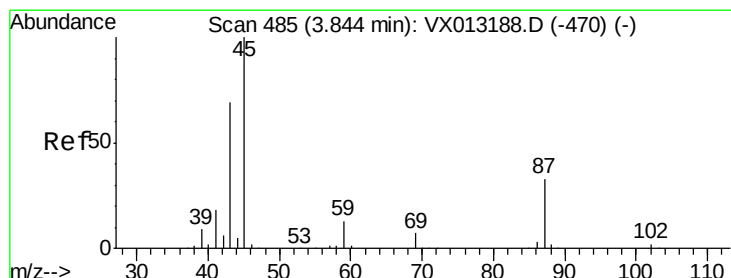
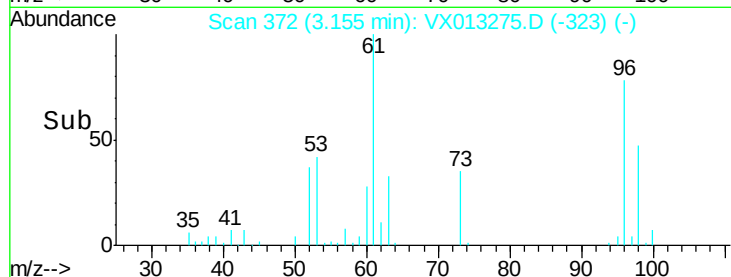
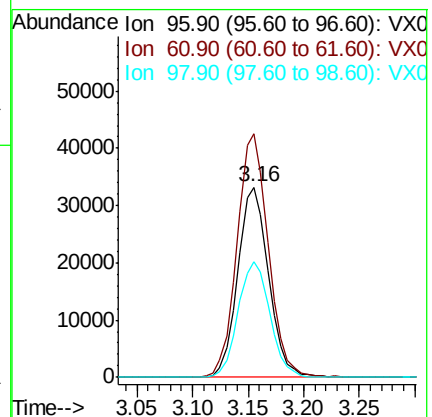
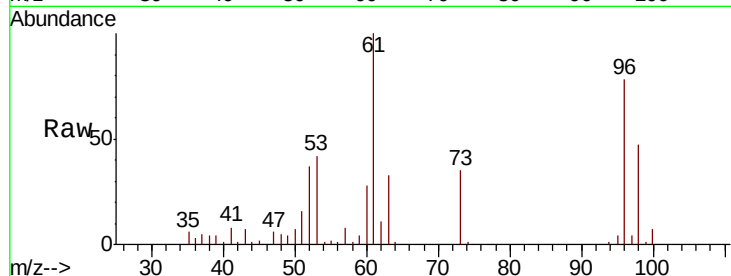
Tot Ion: 96 Resp: 63826

Ion Ratio Lower Upper

96 100

61 128.0 96.9 145.3

98 60.5 53.0 79.4



#22

Diisopropyl ether

Concen: 48.369 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion: 45 Resp: 176863

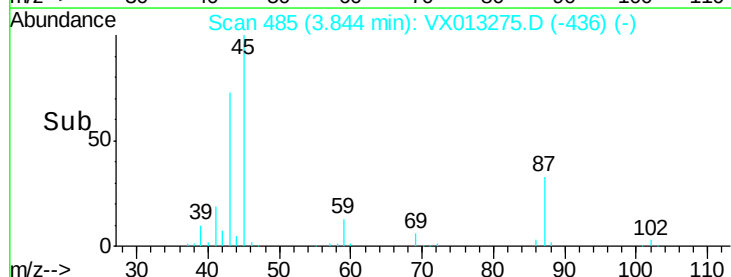
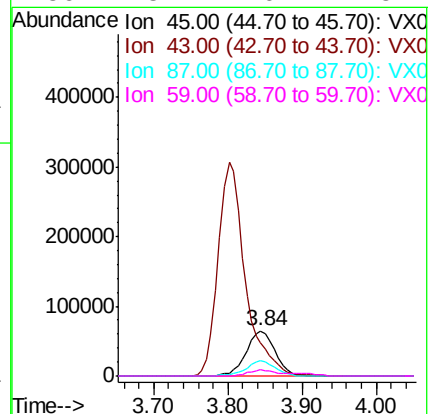
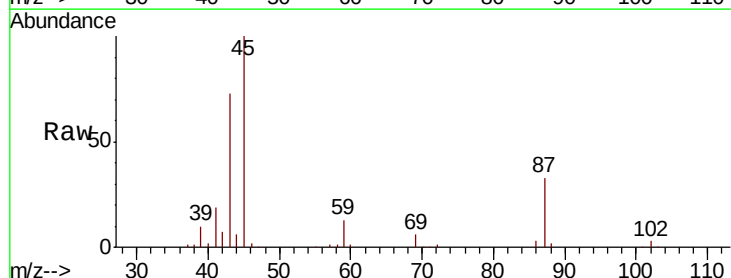
Ion Ratio Lower Upper

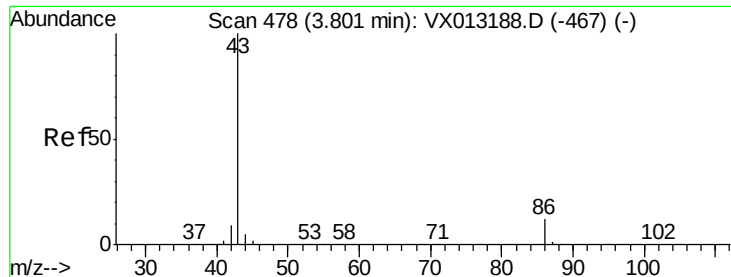
45 100

43 72.3 55.5 83.3

87 33.0 26.7 40.1

59 13.1 10.2 15.2





#23

Vinyl Acetate

Concen: 250.813 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

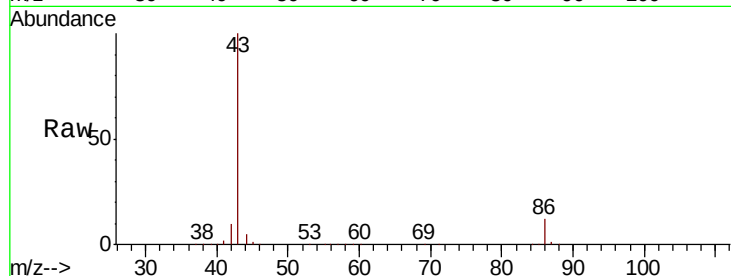
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 779494

Ion Ratio Lower Upper

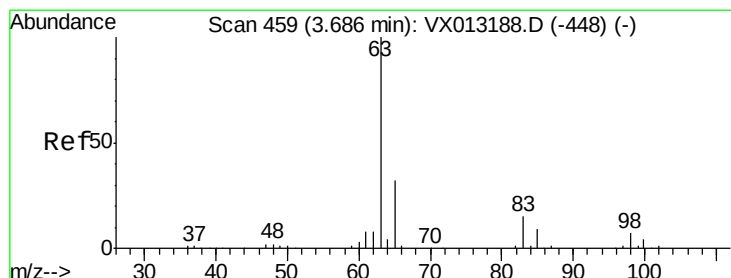
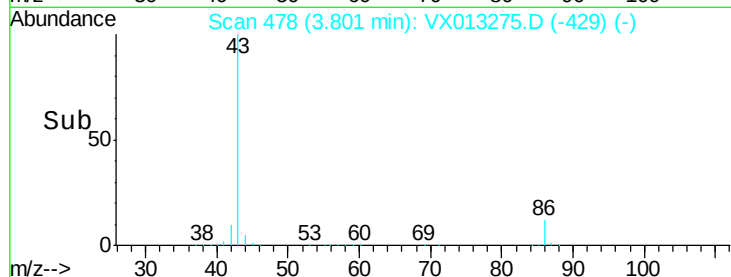
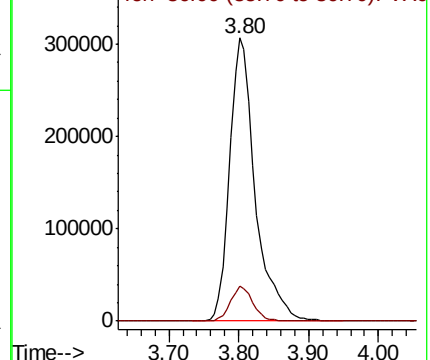
43 100

86 12.4 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.872 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

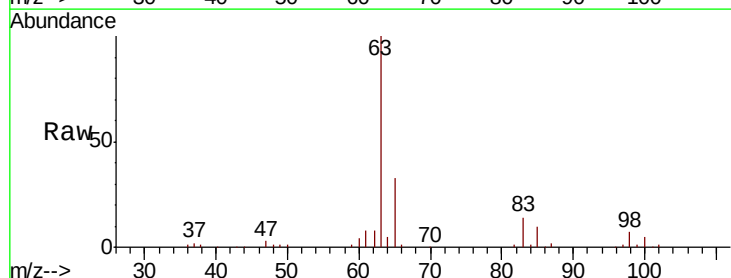
Tgt Ion: 63 Resp: 112167

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

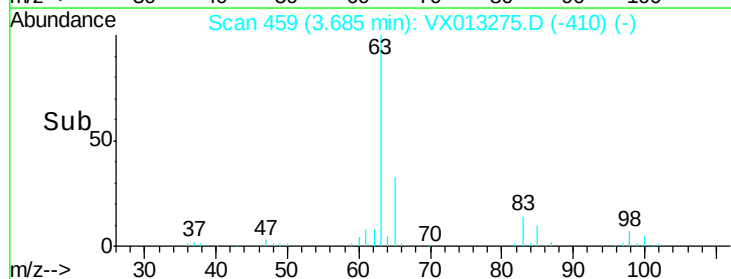
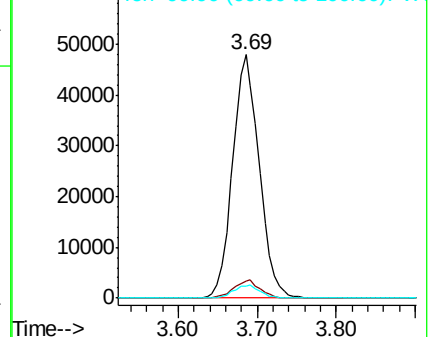
100 5.1 2.2 6.6

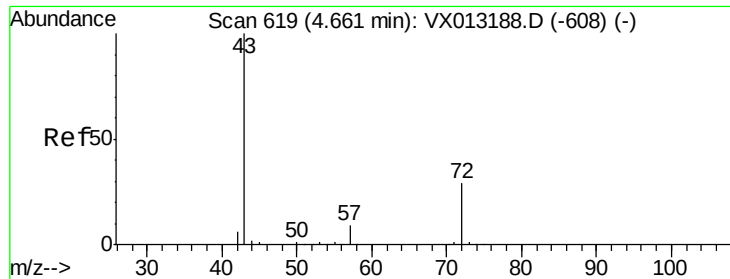


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.139 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

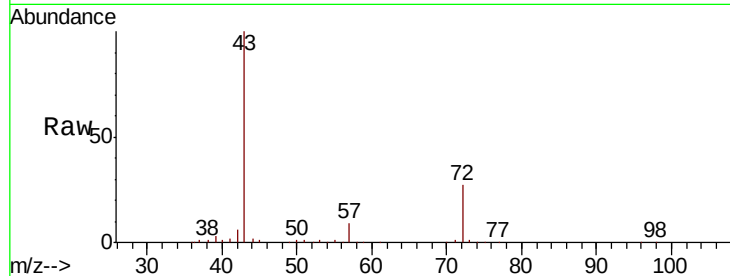
ClientSampled :

Tot Ion: 43 Resp: 224967

Ion Ratio Lower Upper

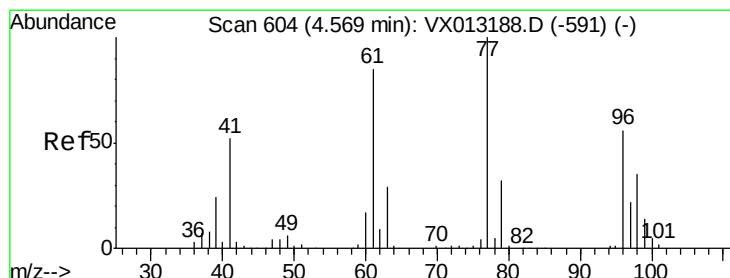
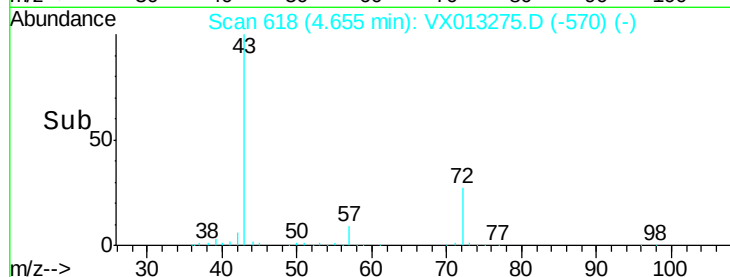
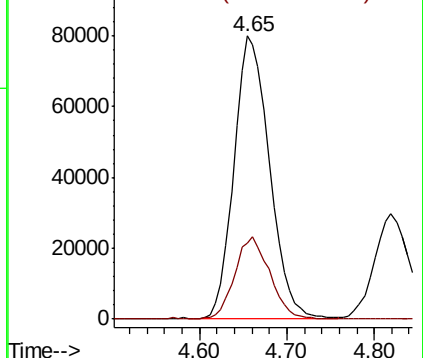
43 100

72 26.8 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.872 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013275.D

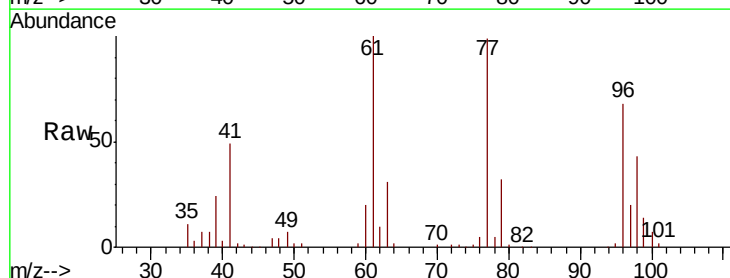
Acq: 29 Oct 2019 17:50

Tgt Ion: 77 Resp: 105742

Ion Ratio Lower Upper

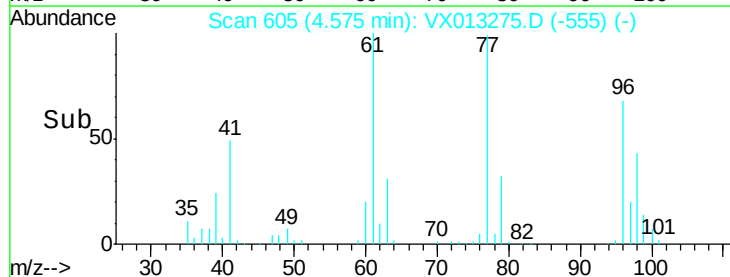
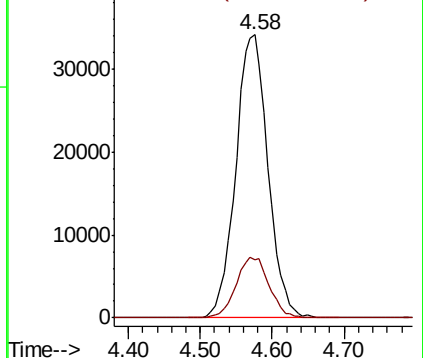
77 100

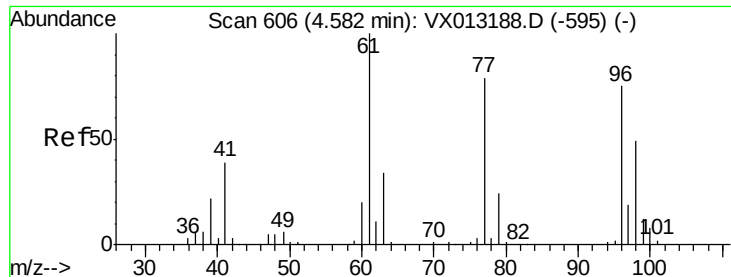
97 21.9 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



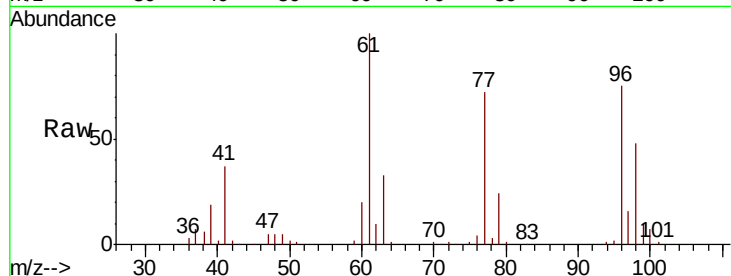


#27

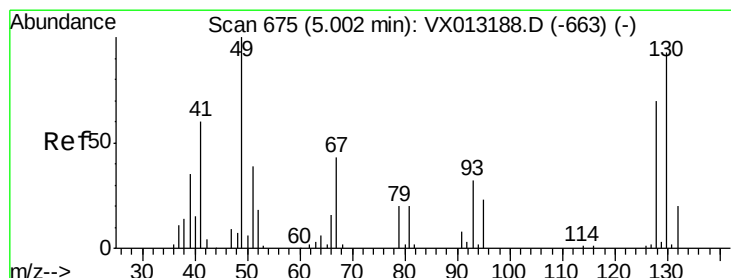
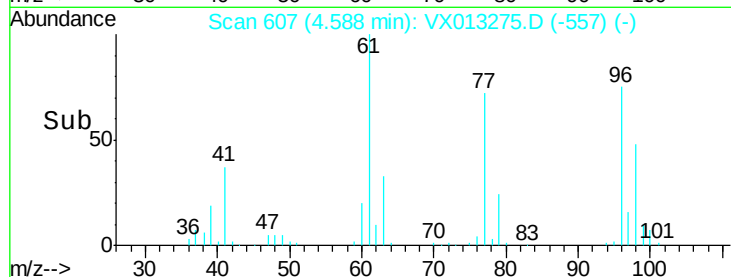
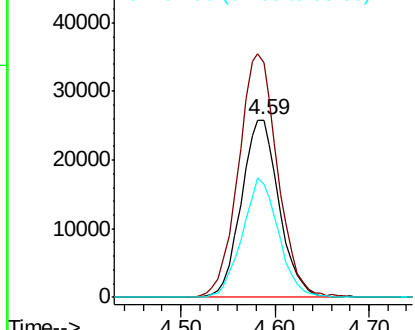
cis-1,2-Dichloroethene
Concen: 49.791 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 72434
Ion Ratio Lower Upper
96 100
61 142.3 0.0 290.4
98 64.8 0.0 130.4



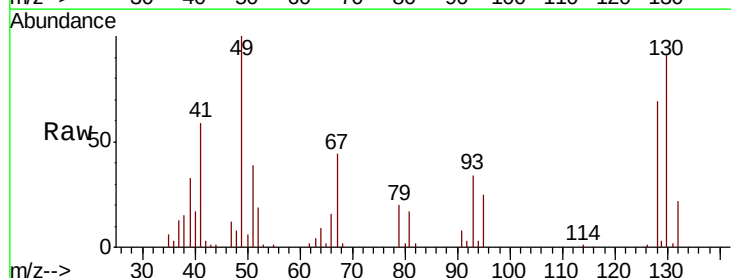
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



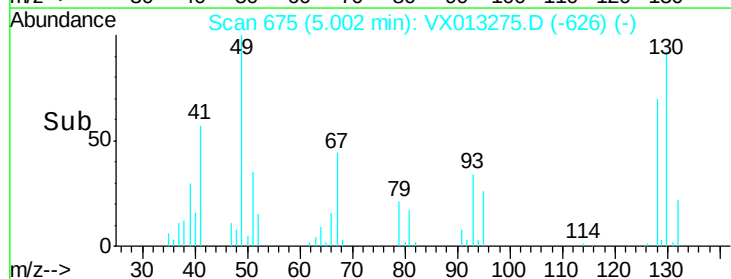
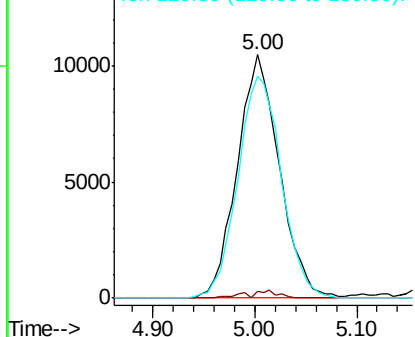
#28

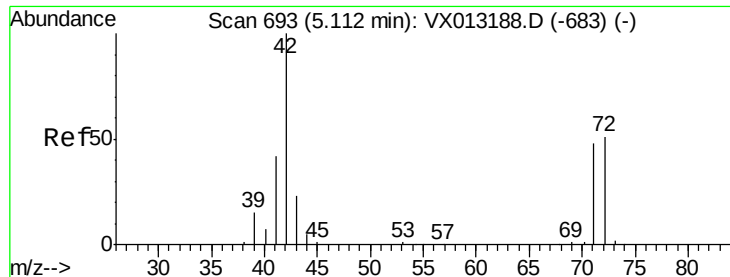
Bromochloromethane
Concen: 51.716 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 49 Resp: 29992
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 94.5 71.8 107.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 242.450 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

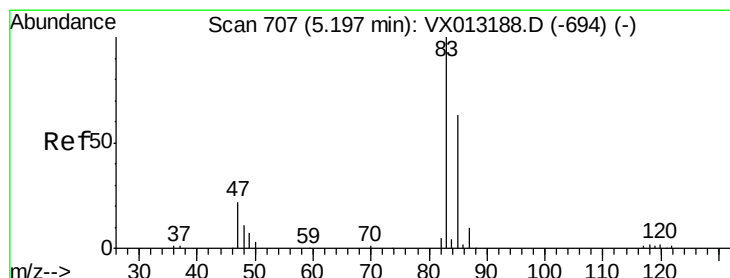
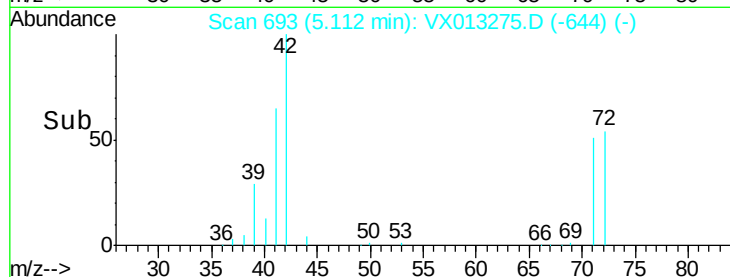
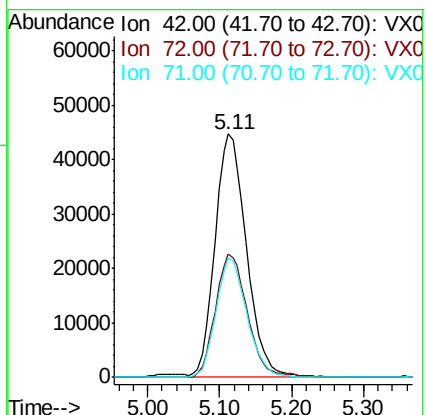
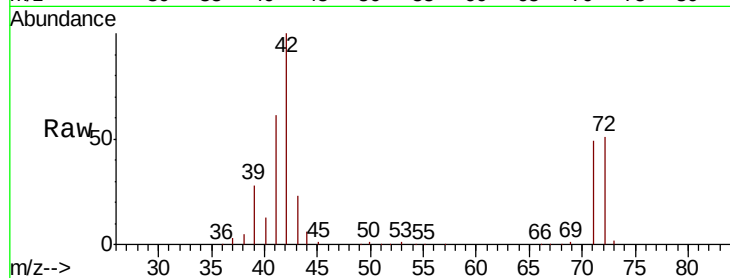
Tot Ion: 42 Resp: 134664

Ion Ratio Lower Upper

42 100

72 51.9 40.9 61.3

71 48.5 38.6 57.8



#30

Chloroform

Concen: 52.430 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013275.D

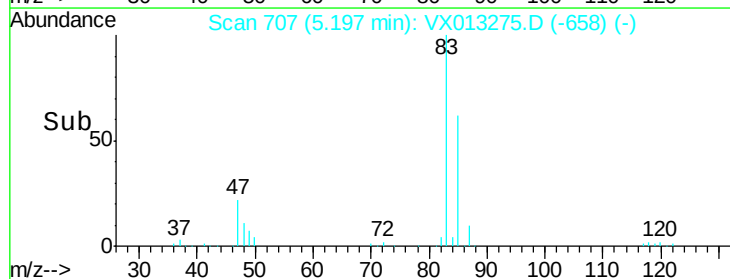
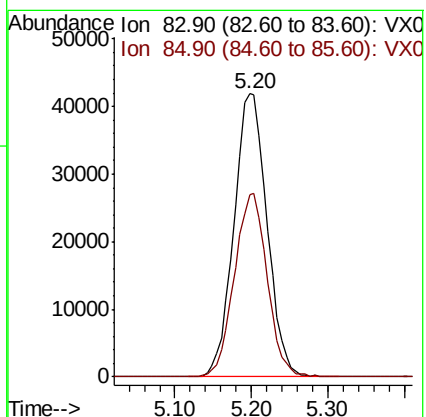
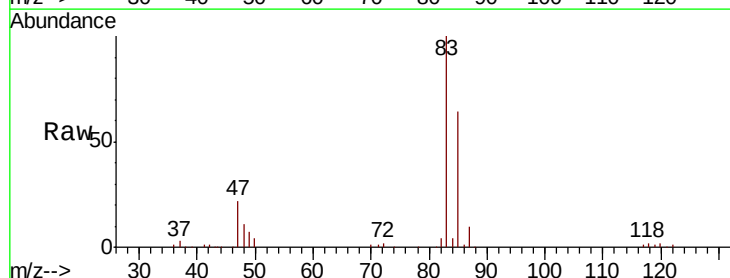
Acq: 29 Oct 2019 17:50

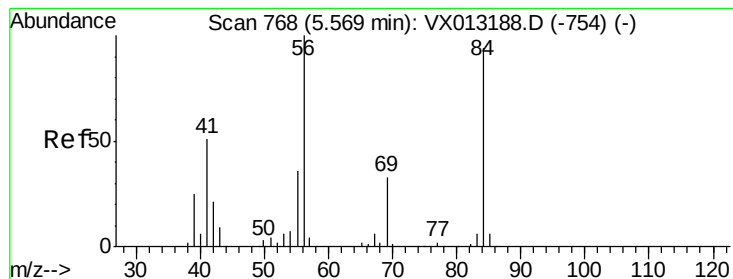
Tgt Ion: 83 Resp: 125548

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1





#31

Cyclohexane

Concen: 48.047 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

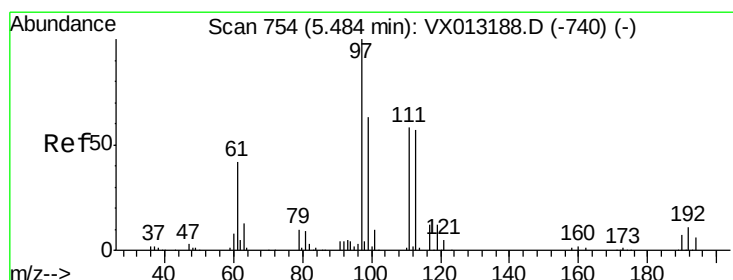
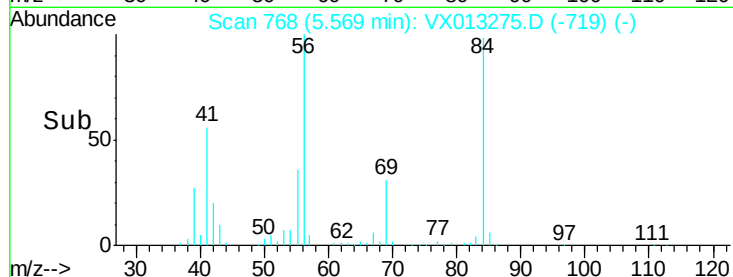
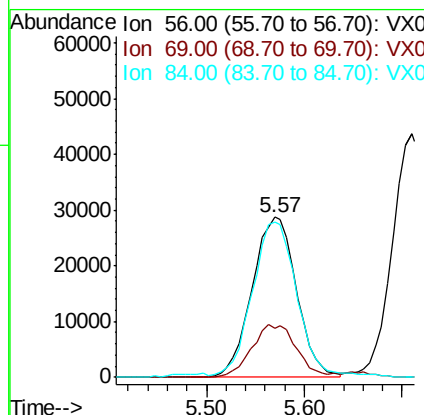
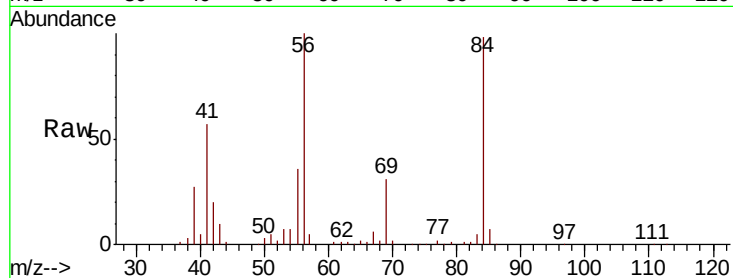
Tot Ion: 56 Resp: 90623

Ion Ratio Lower Upper

56 100

69 31.1 26.3 39.5

84 95.4 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 53.911 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

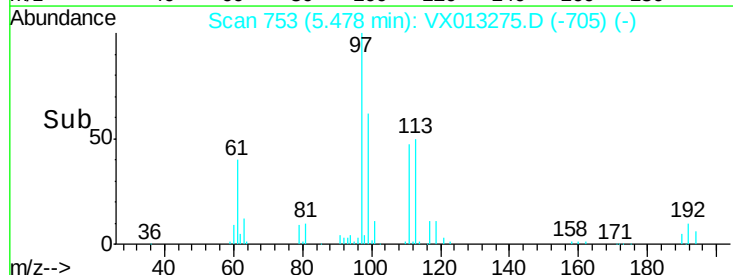
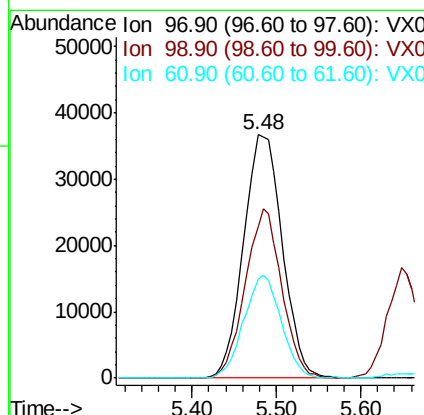
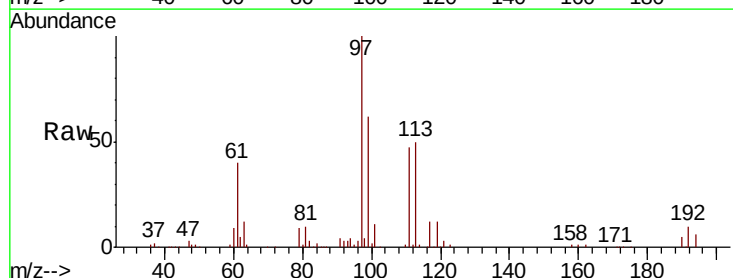
Tgt Ion: 97 Resp: 114783

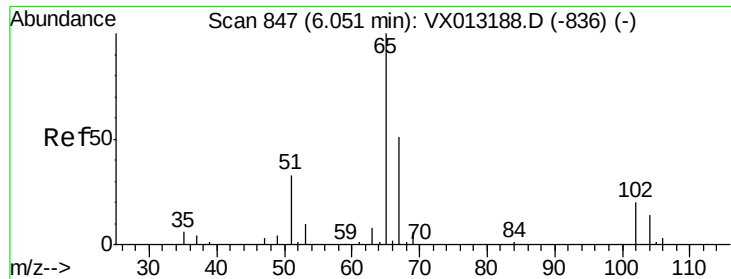
Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

61 40.7 32.8 49.2

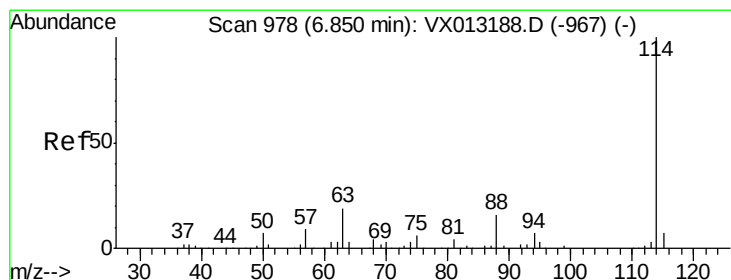
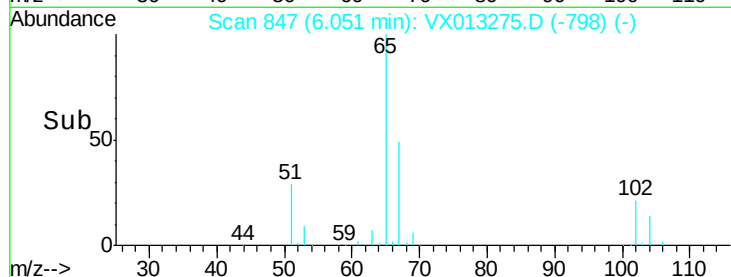
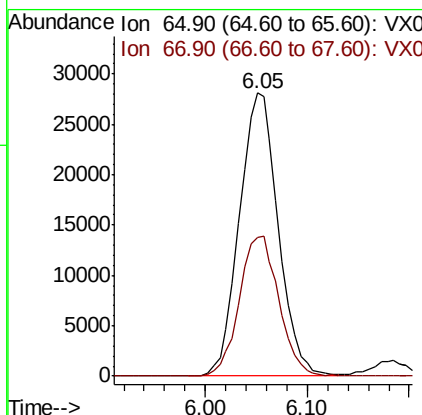
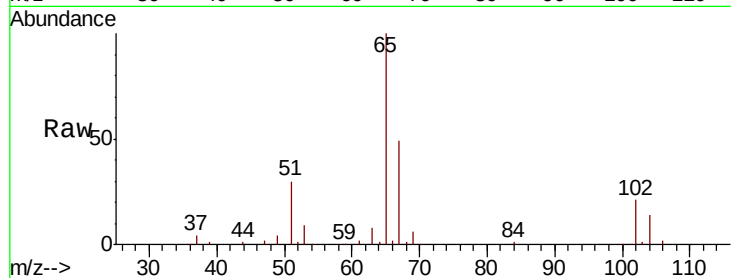




#33
 1,2-Dichloroethane-d4
 Concen: 50.909 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

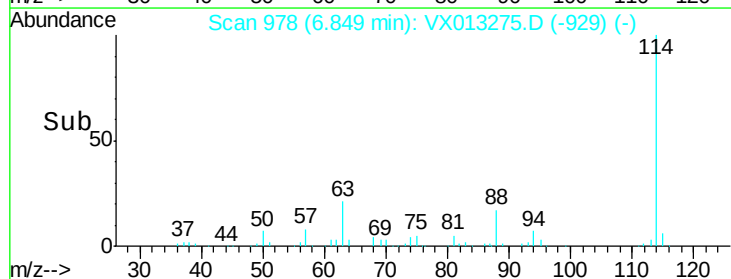
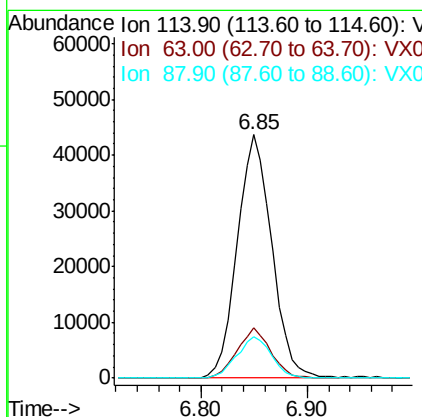
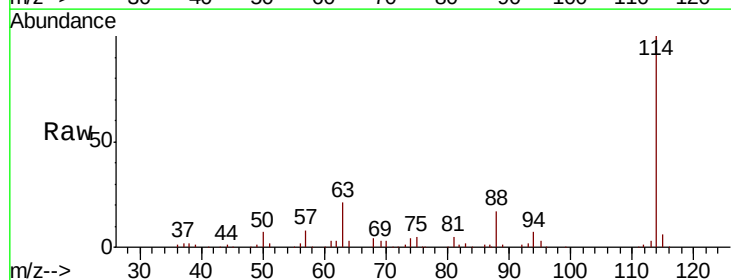
Instrument :
 MSVOA_X
 ClientSampleId :

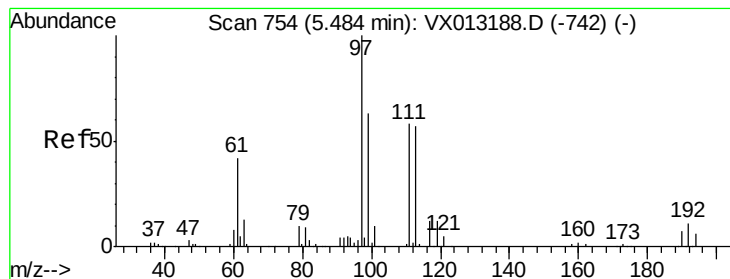
Tot Ion: 65 Resp: 74248
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 114 Resp: 99515
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 16.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.237 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

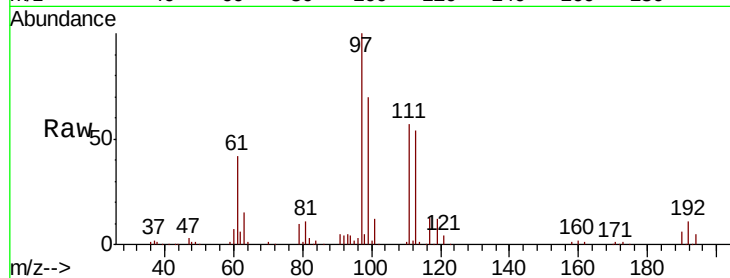
Tot Ion:113 Resp: 57969

Ion Ratio Lower Upper

113 100

111 102.4 80.3 120.5

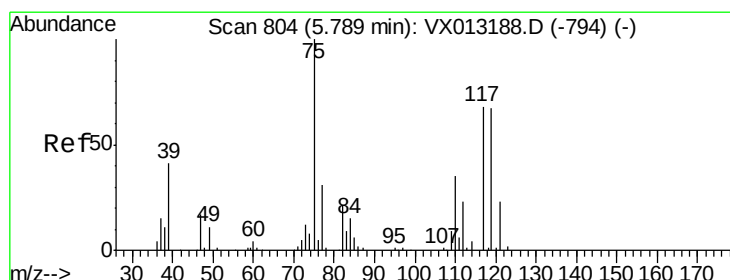
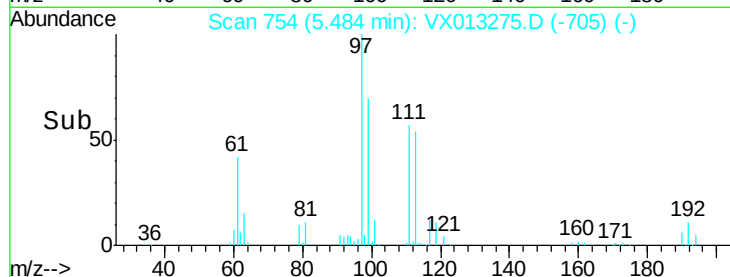
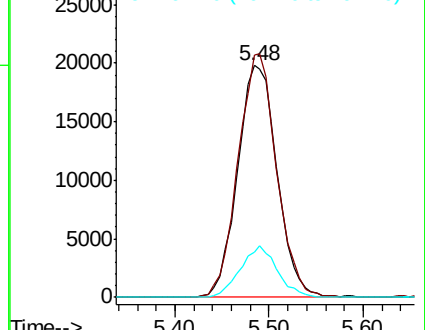
192 20.7 15.9 23.9



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: 52.532 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

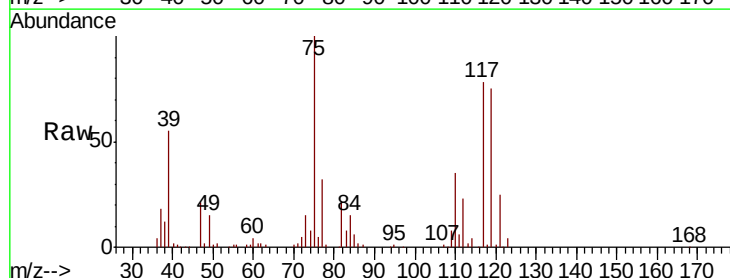
Tgt Ion: 75 Resp: 87502

Ion Ratio Lower Upper

75 100

110 35.7 17.6 52.9

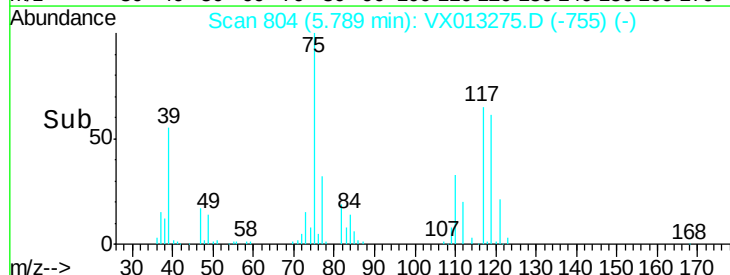
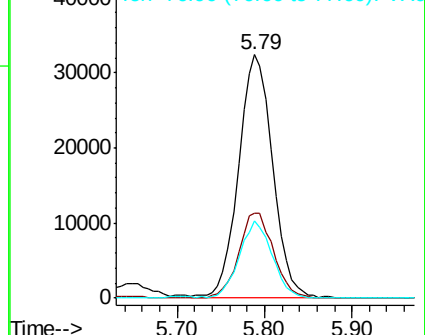
77 30.8 24.7 37.1

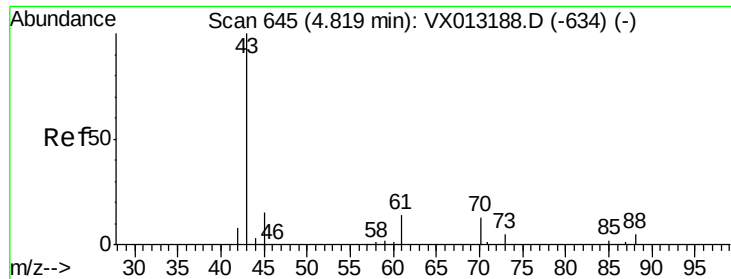


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

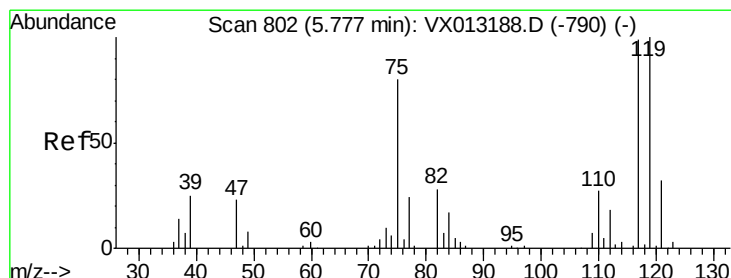
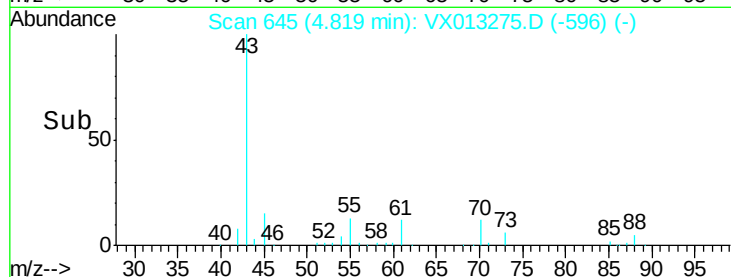
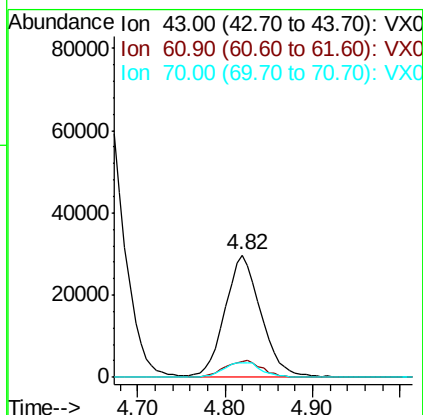
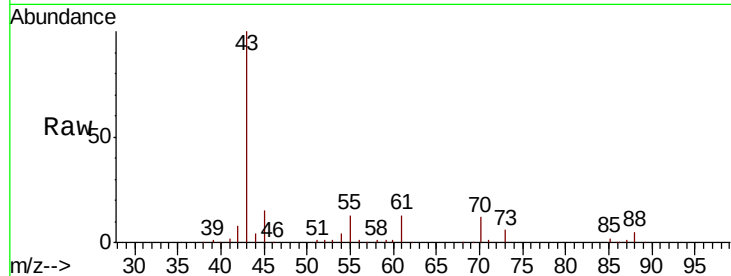




#37
Ethyl Acetate
Concen: 50.608 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

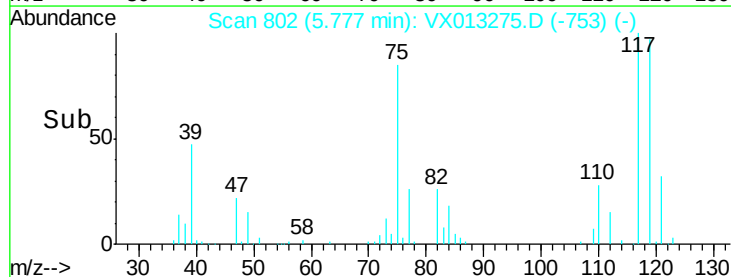
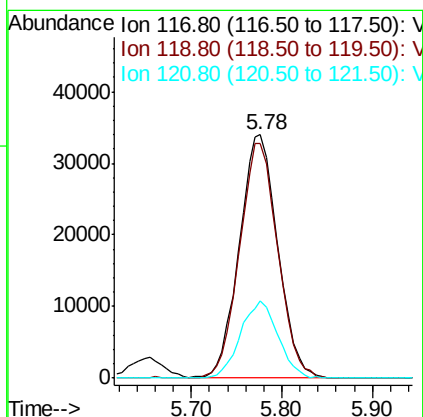
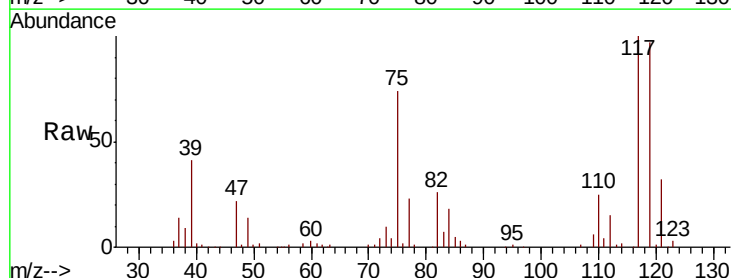
Instrument :
MSVOA_X
ClientSampleId :

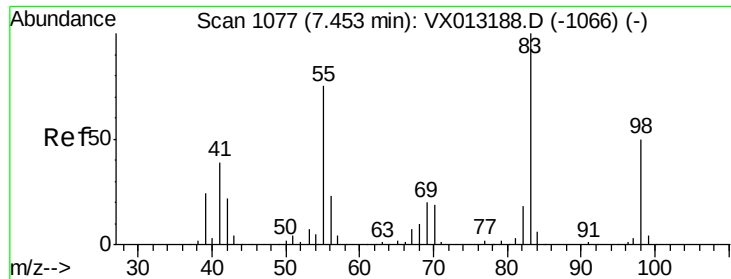
Tot Ion: 43 Resp: 83926
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 13.1 10.4 15.6



#38
Carbon Tetrachloride
Concen: 54.202 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 117 Resp: 99700
Ion Ratio Lower Upper
117 100
119 96.6 80.1 120.1
121 31.6 25.5 38.3

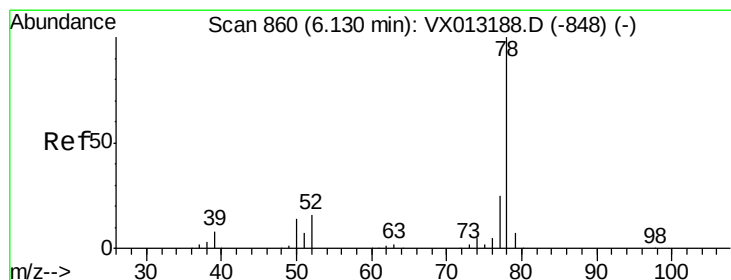
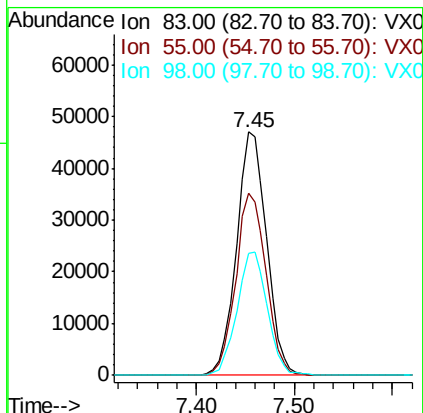
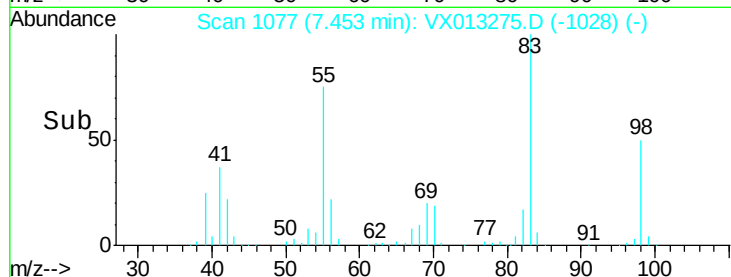
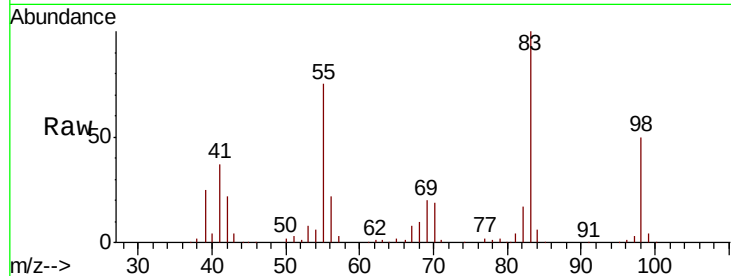




#39
Methylvlcyclohexane
Concen: 47.158 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

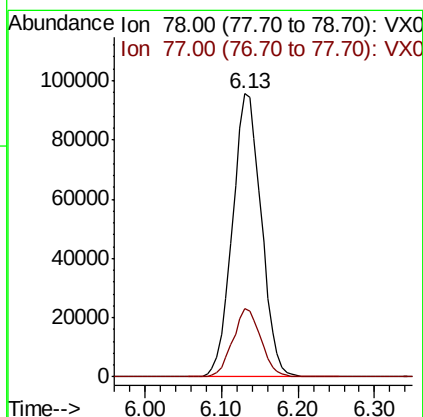
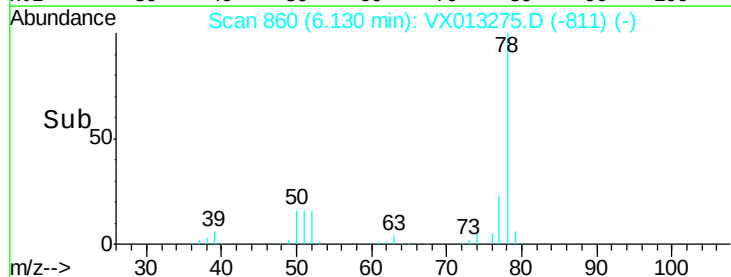
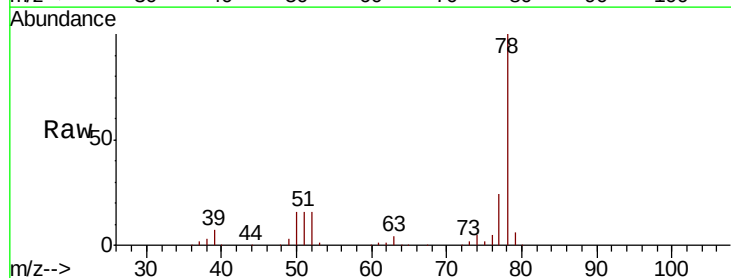
Instrument :
MSVOA_X
ClientSampleId :

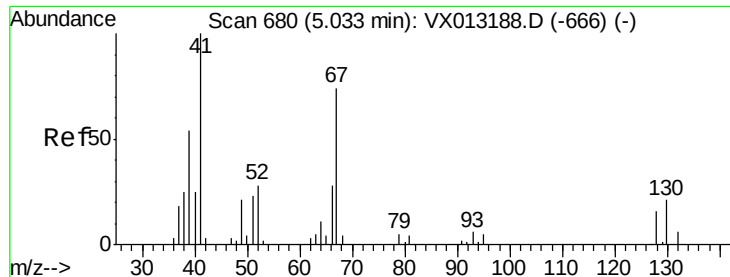
Tot Ion: 83 Resp: 100467
Ion Ratio Lower Upper
83 100
55 74.9 60.1 90.1
98 50.4 39.8 59.8



#40
Benzene
Concen: 49.874 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 78 Resp: 249293
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4





#41

Methacrylonitrile

Concen: 52.332 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 46528

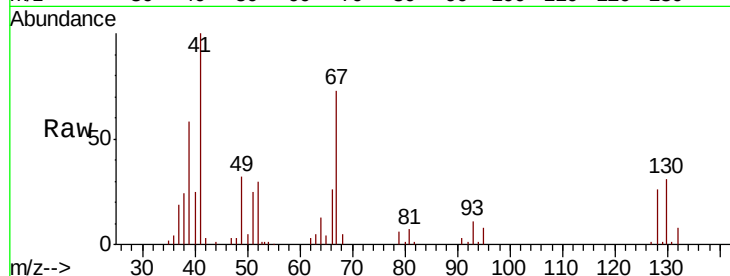
Ion Ratio Lower Upper

41 100

39 59.8 45.2 67.8

67 77.9 61.3 91.9

52 32.0 25.1 37.7



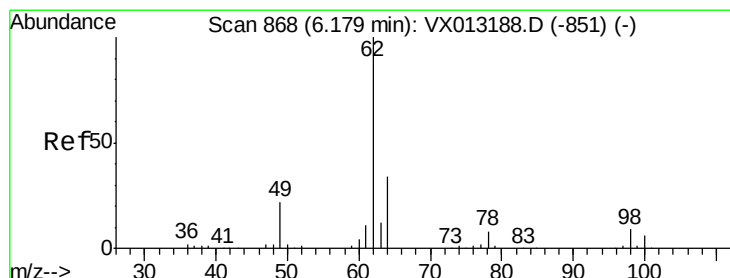
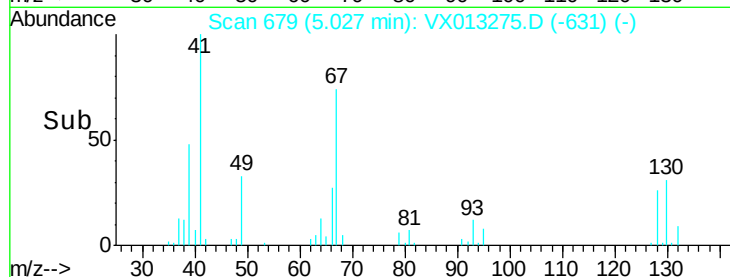
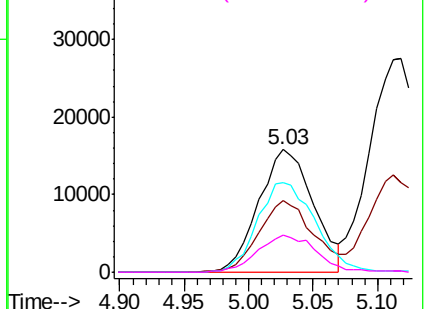
Abundance

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: 55.319 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013275.D

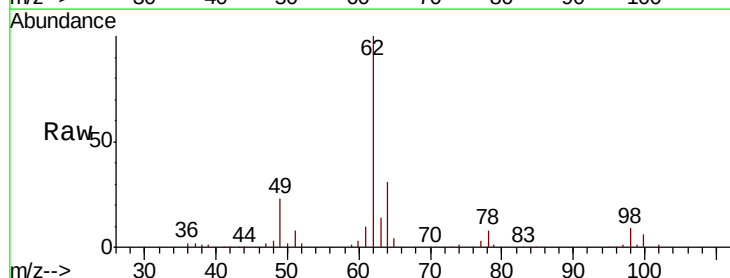
Acq: 29 Oct 2019 17:50

Tgt Ion: 62 Resp: 104255

Ion Ratio Lower Upper

62 100

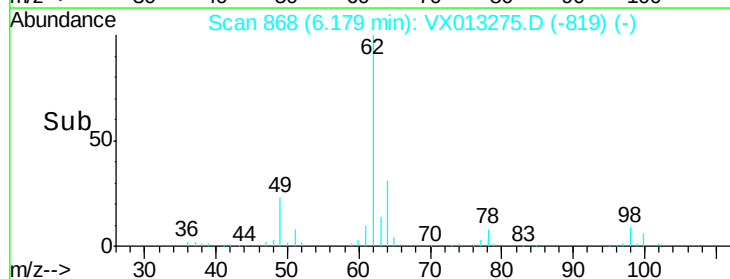
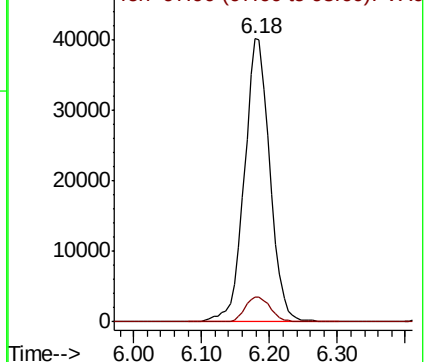
98 9.0 0.0 18.4

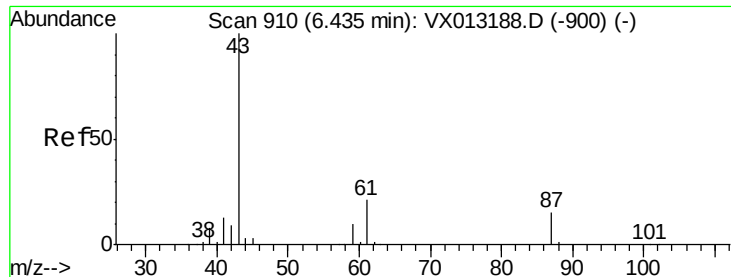


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.810 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

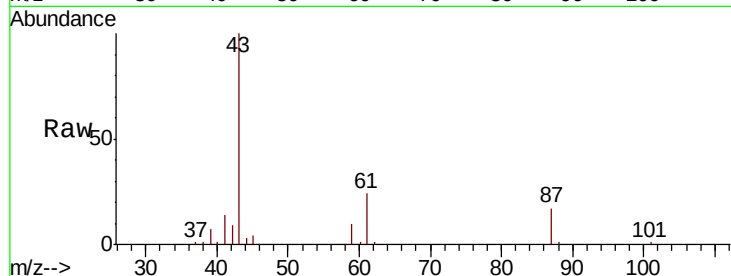
Tot Ion: 43 Resp: 139900

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

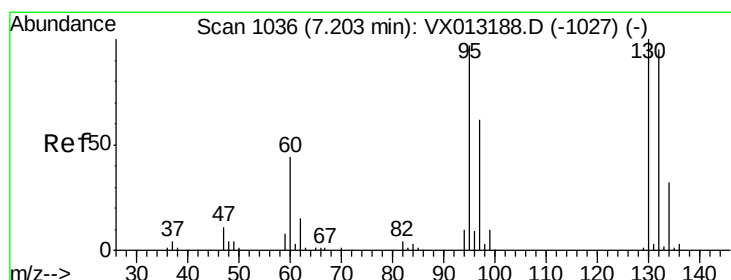
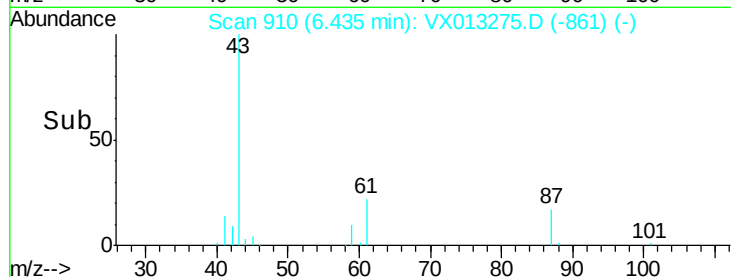
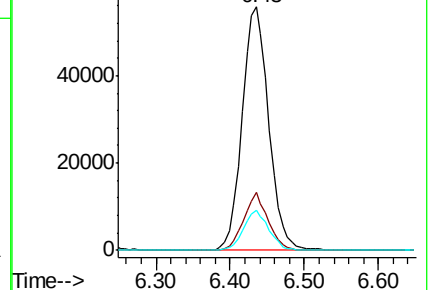
87 15.7 12.1 18.1



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: 50.518 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013275.D

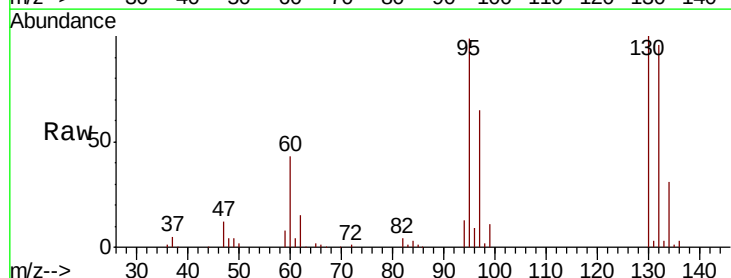
Acq: 29 Oct 2019 17:50

Tgt Ion:130 Resp: 71668

Ion Ratio Lower Upper

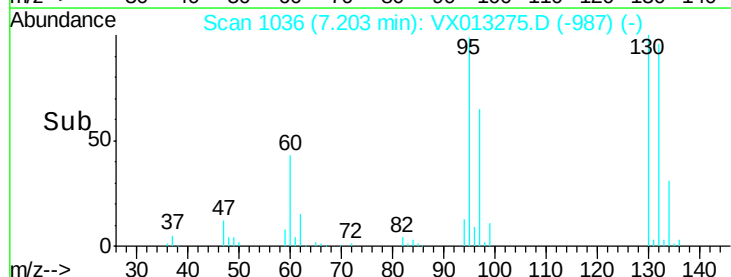
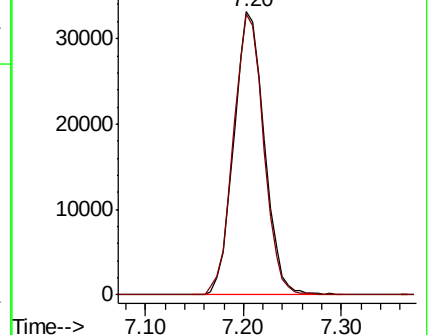
130 100

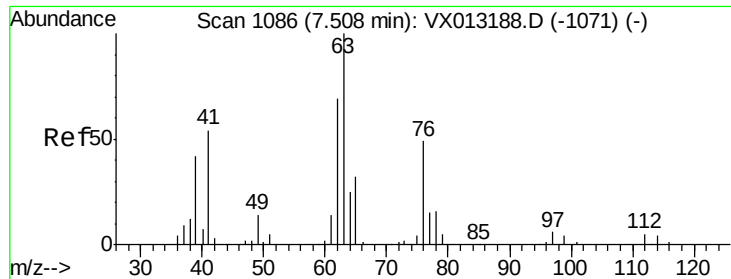
95 99.4 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

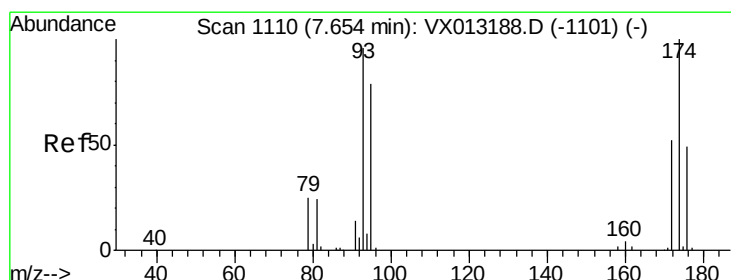
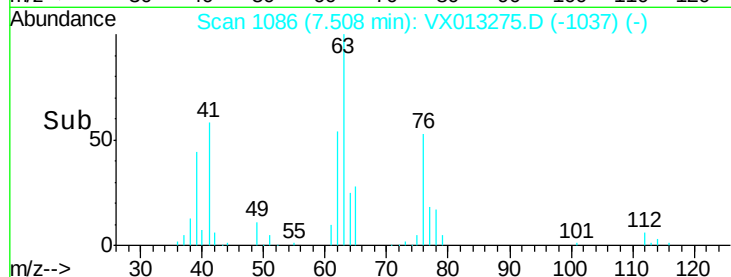
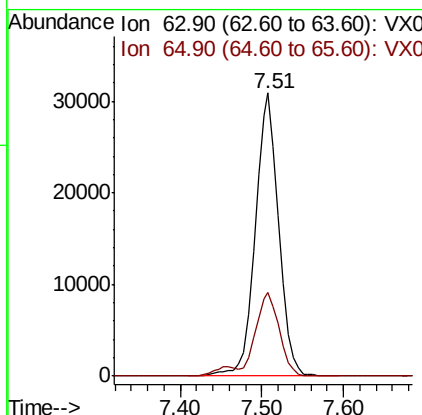
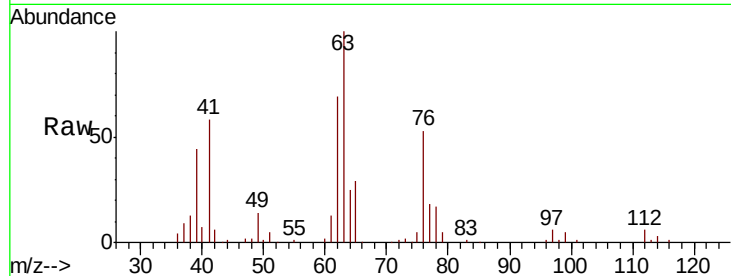




#45
 1,2-Dichloropropane
 Concen: 49.474 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

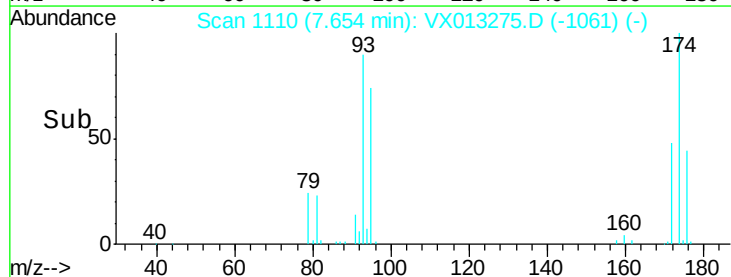
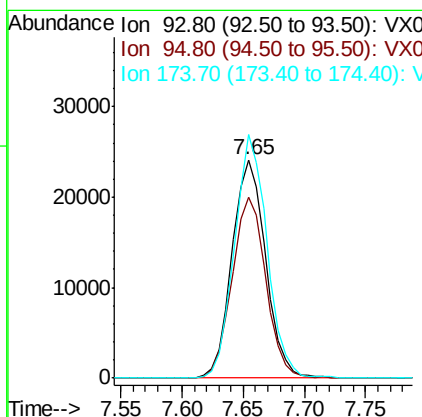
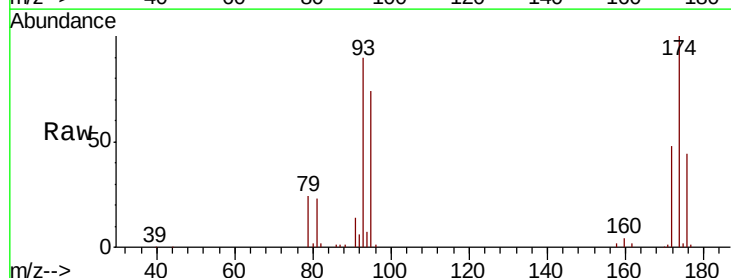
Instrument :
 MSVOA_X
 ClientSampled :

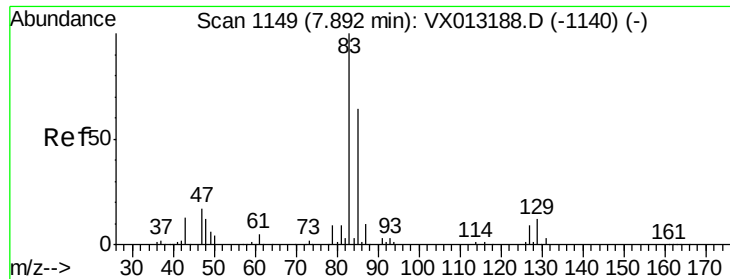
Tot Ion: 63 Resp: 61939
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.3 37.9



#46
 Dibromomethane
 Concen: 50.941 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 93 Resp: 45948
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 107.9 85.2 127.8





#47

Bromodichloromethane

Concen: 54.922 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

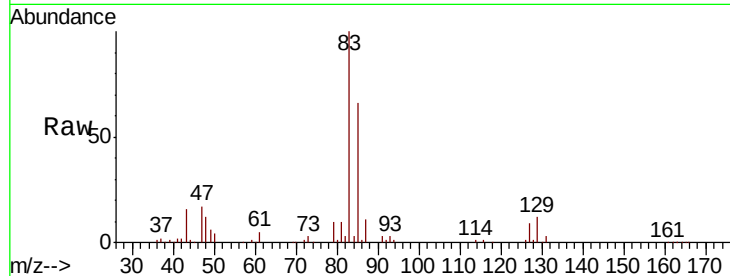
Tot Ion: 83 Resp: 96541

Ion Ratio Lower Upper

83 100

85 66.3 51.0 76.6

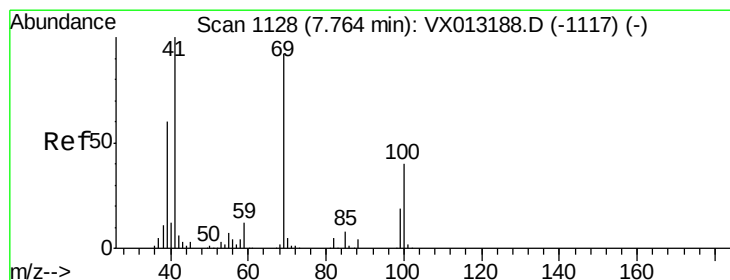
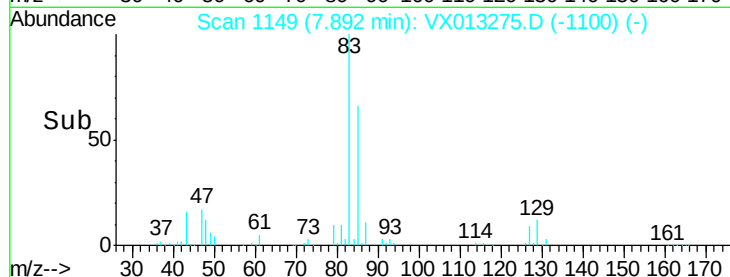
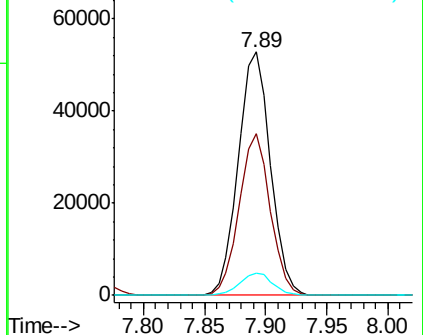
127 9.2 7.2 10.8



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: 51.079 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

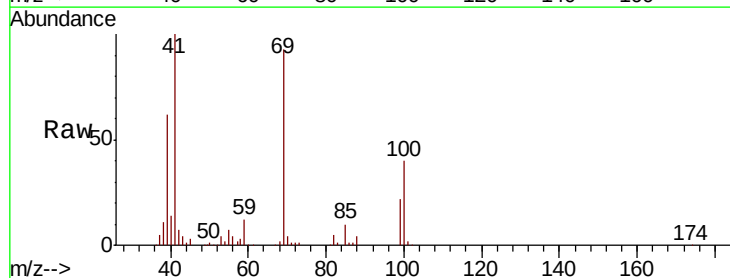
Tgt Ion: 41 Resp: 69512

Ion Ratio Lower Upper

41 100

69 90.3 72.0 108.0

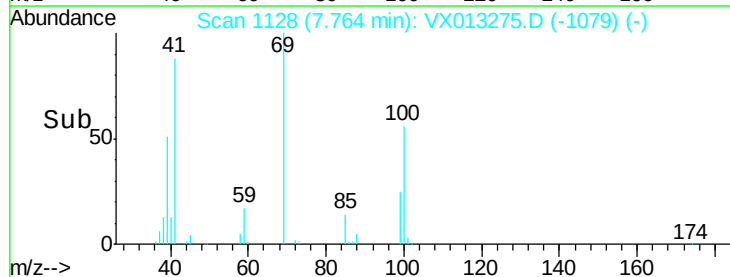
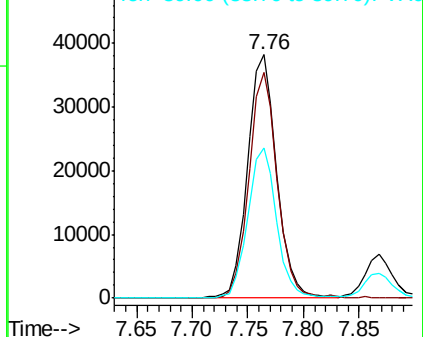
39 61.2 47.4 71.0

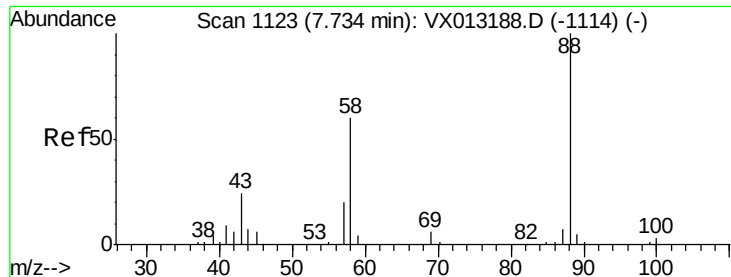


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

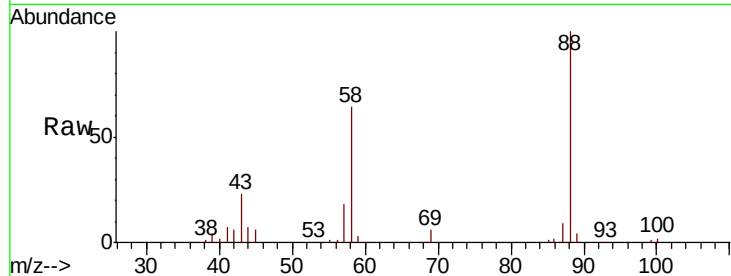




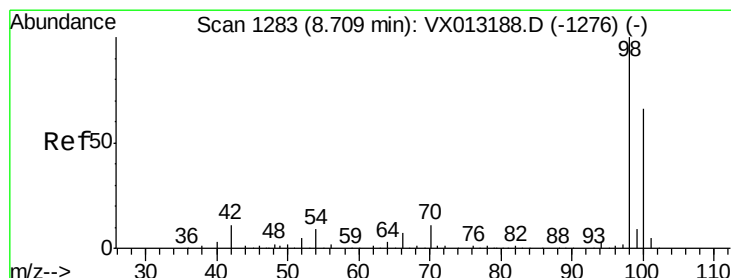
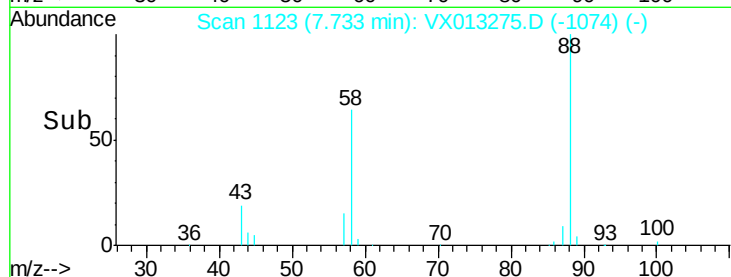
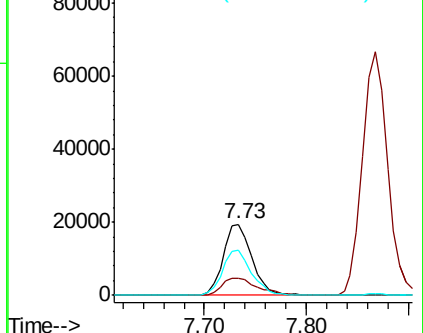
#49
1,4-Dioxane
Concen: 1087.353 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 37661
Ion Ratio Lower Upper
88 100
43 30.6 24.5 36.7
58 65.0 54.1 81.1

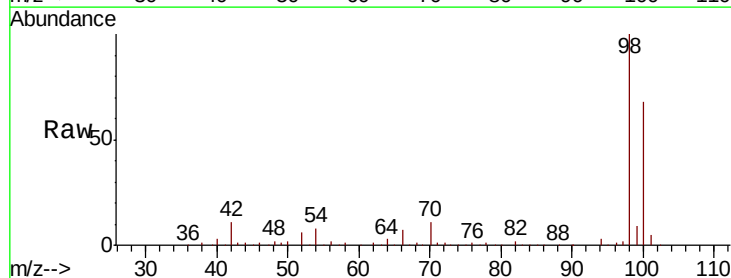


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

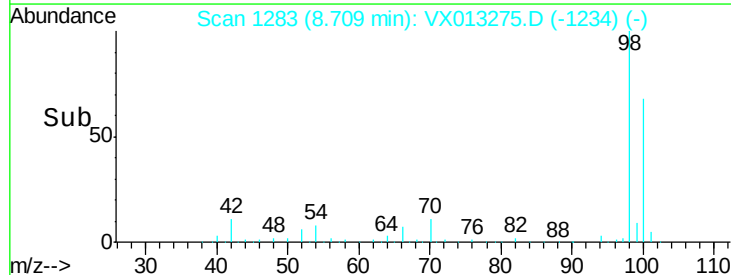
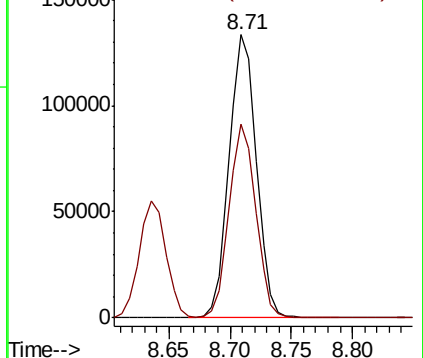


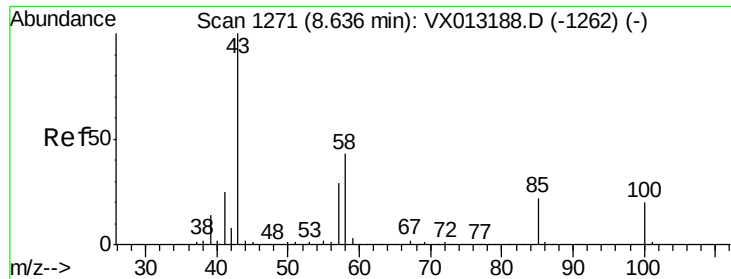
#50
Toluene-d8
Concen: 49.935 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 98 Resp: 205360
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



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: 257.087 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

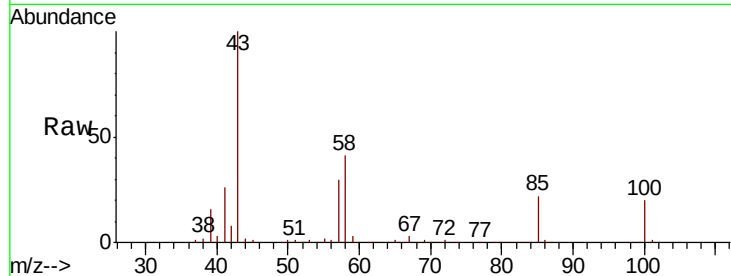
ClientSampleId :

Tot Ion: 43 Resp: 431459

Ion Ratio Lower Upper

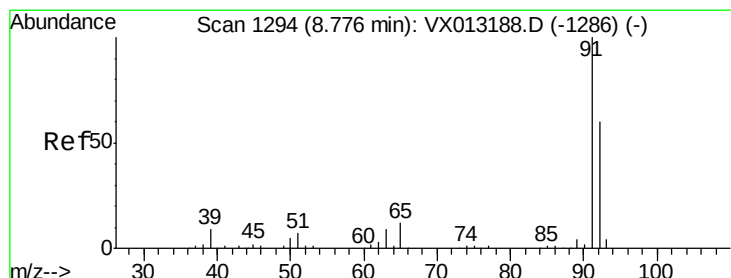
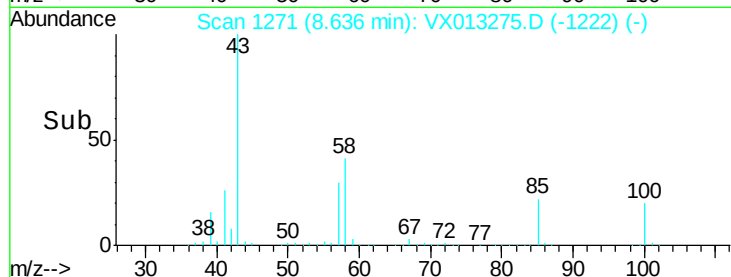
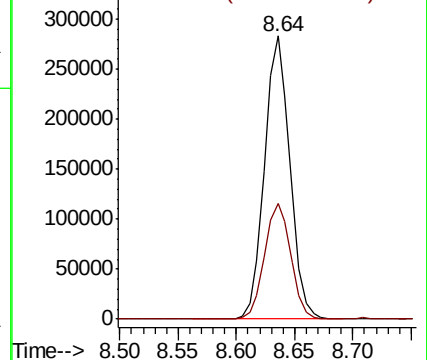
43 100

58 42.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.621 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013275.D

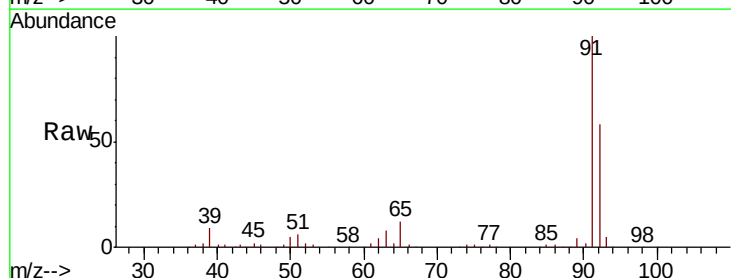
Acq: 29 Oct 2019 17:50

Tgt Ion: 92 Resp: 164374

Ion Ratio Lower Upper

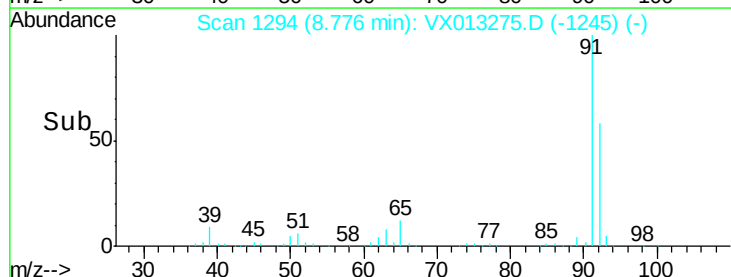
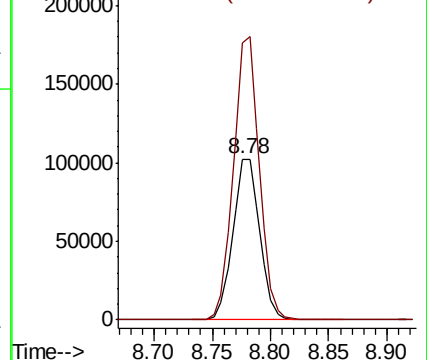
92 100

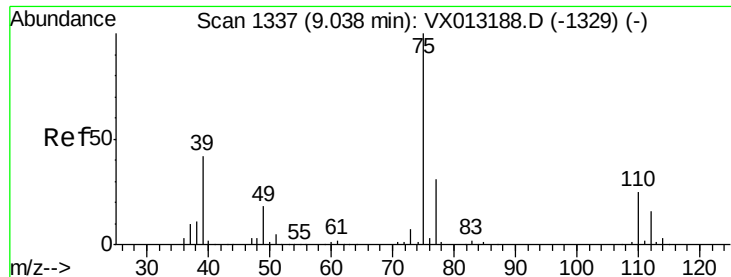
91 169.7 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 56.545 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

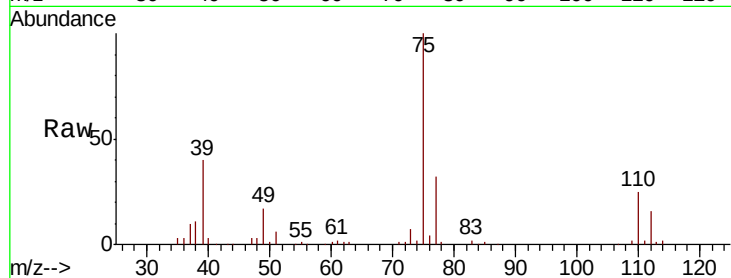
ClientSampleId :

Tot Ion: 75 Resp: 105624

Ion Ratio Lower Upper

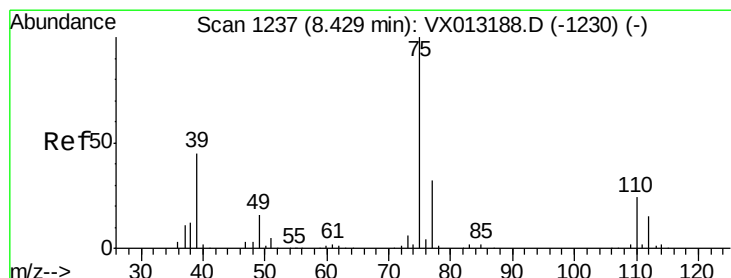
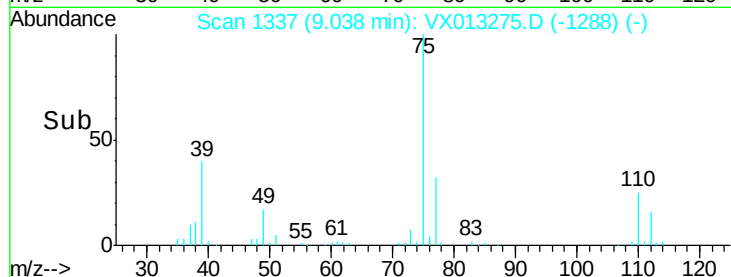
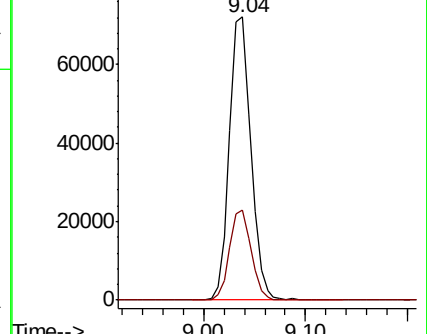
75 100

77 31.6 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.054 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

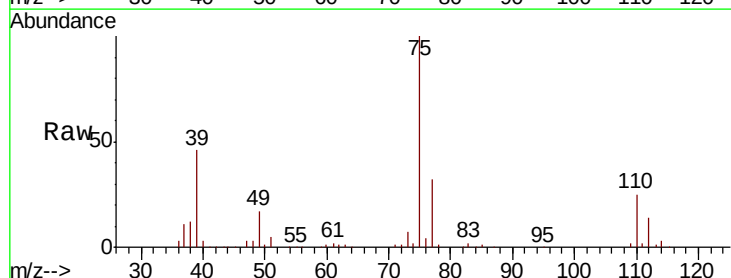
Tgt Ion: 75 Resp: 110457

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

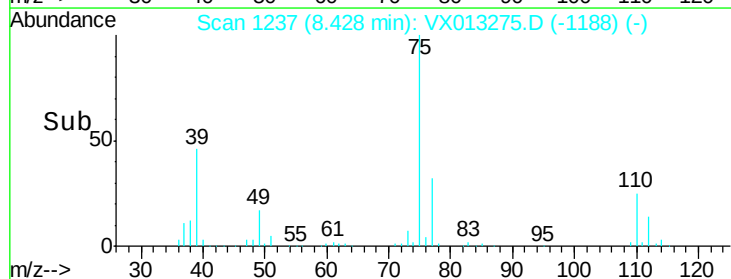
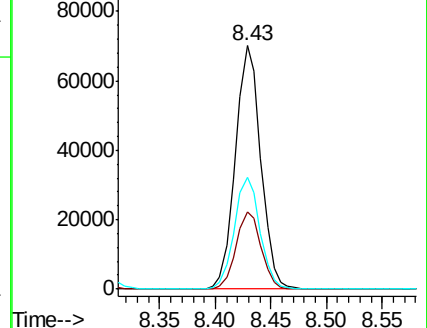
39 46.1 36.2 54.4

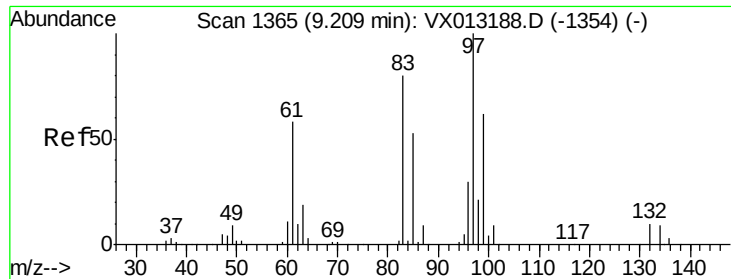


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

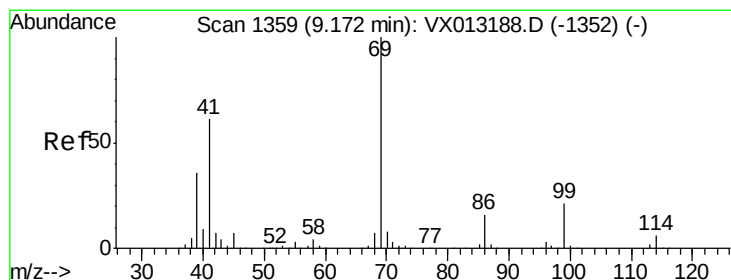
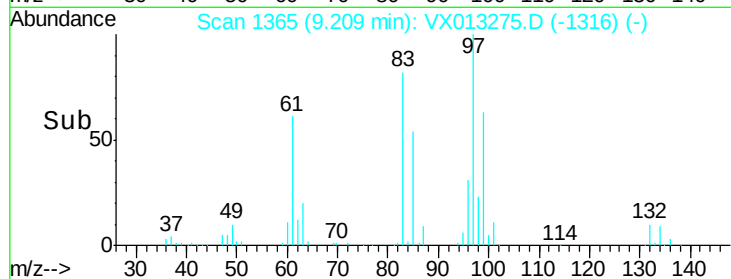
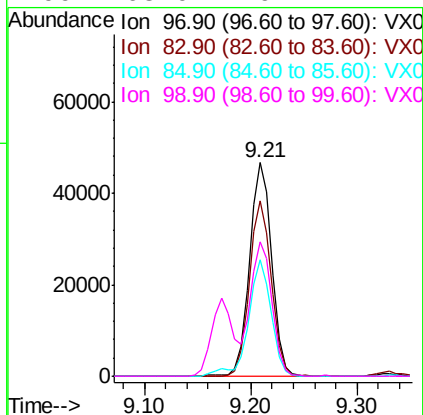
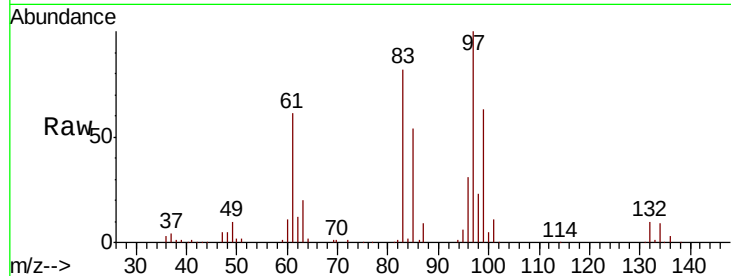




#55
 1,1,2-Trichloroethane
 Concen: 52.013 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

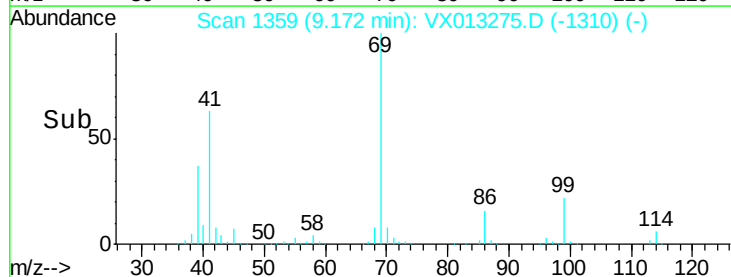
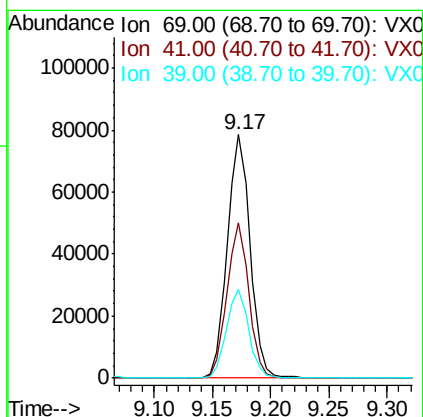
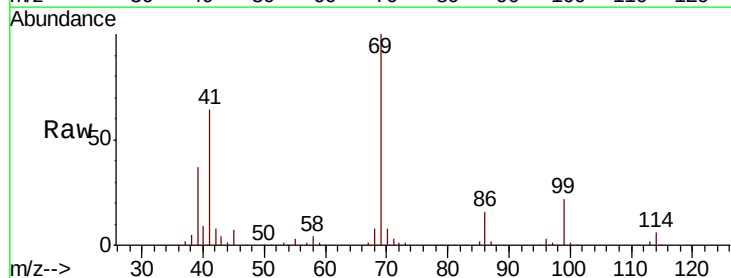
Instrument :
 MSVOA_X
 ClientSampleId :

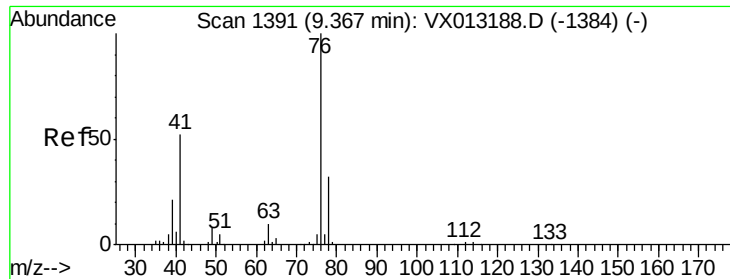
Tot Ion:	97	Resp:	68121
Ion	Ratio	Lower	Upper
97	100		
83	82.3	64.1	96.1
85	54.3	42.1	63.1
99	63.0	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 54.222 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion:	69	Resp:	106880
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.5	74.3
39	36.1	28.3	42.5

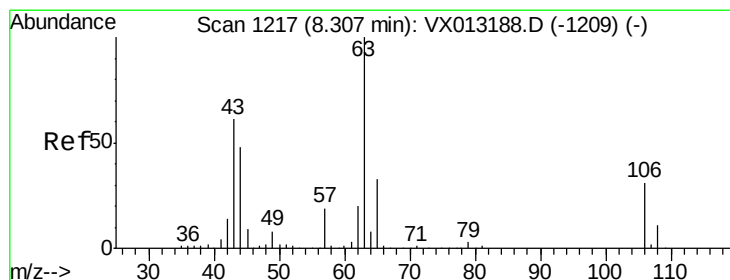
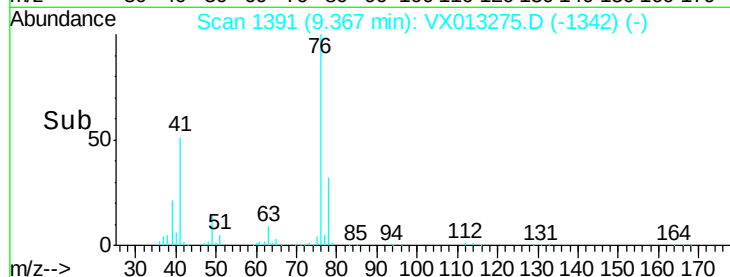
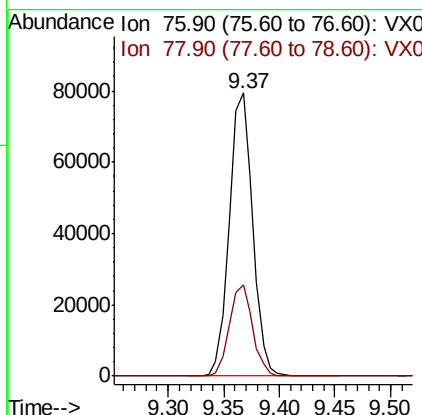
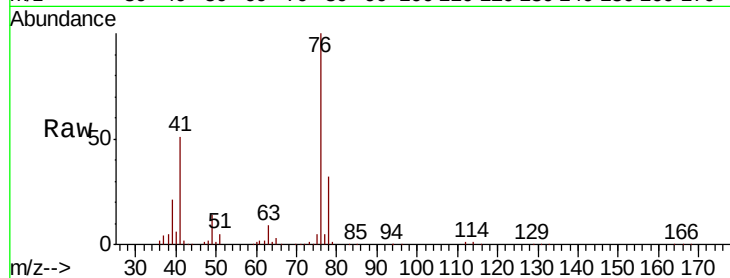




#57
 1,3-Dichloropropane
 Concen: 52.104 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

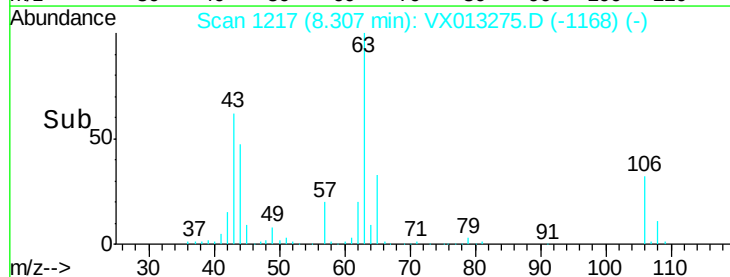
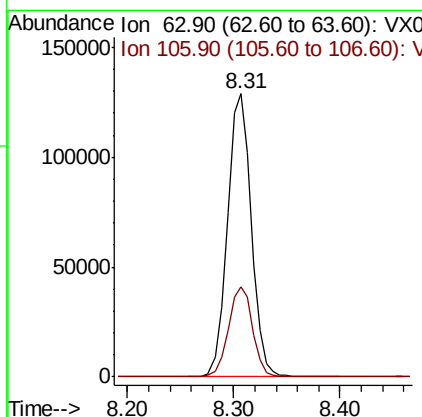
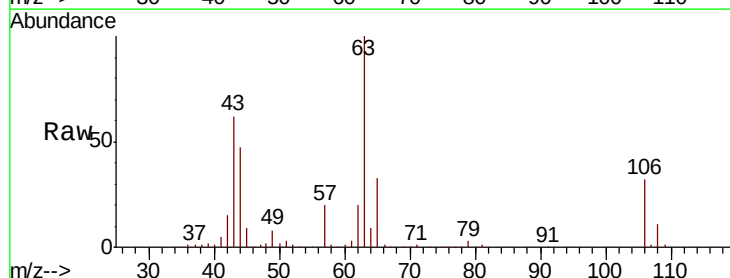
Instrument :
 MSVOA_X
 ClientSampleId :

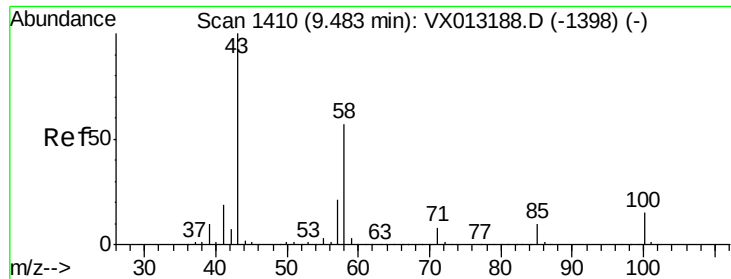
Tot Ion: 76 Resp: 115140
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.168 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 63 Resp: 202413
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.4 38.0

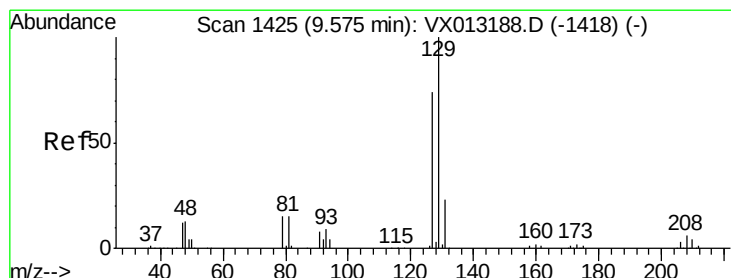
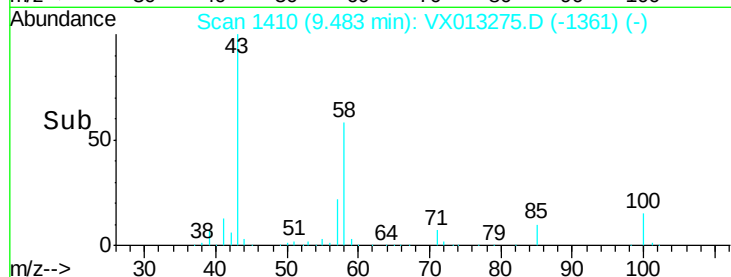
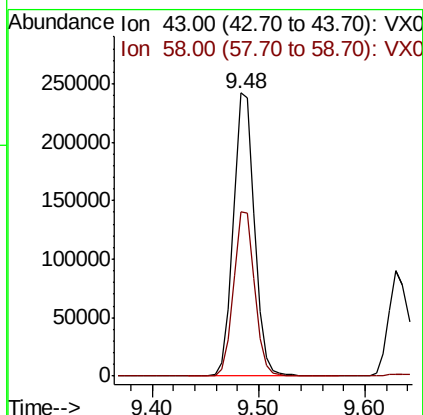
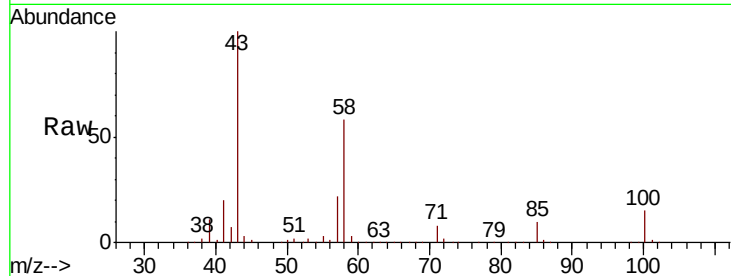




#59
2-Hexanone
Concen: 262.031 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

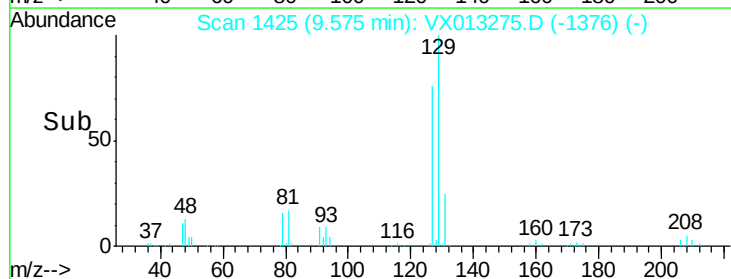
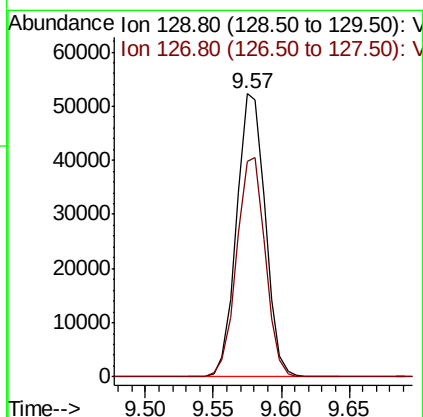
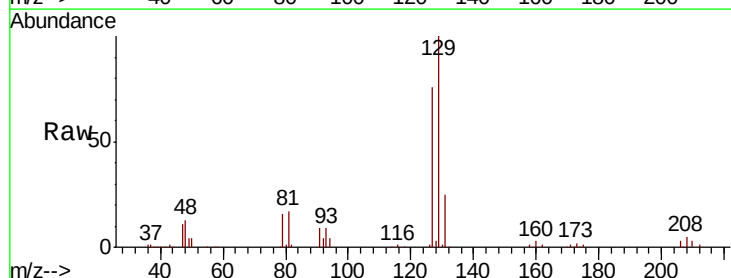
Instrument :
MSVOA_X
ClientSampleId :

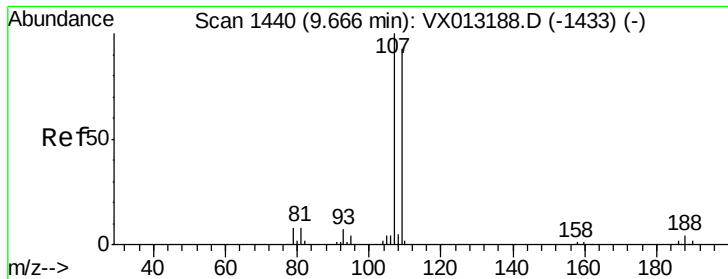
Tot Ion: 43 Resp: 338741
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7



#60
Dibromochloromethane
Concen: 55.824 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:129 Resp: 76610
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.652 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

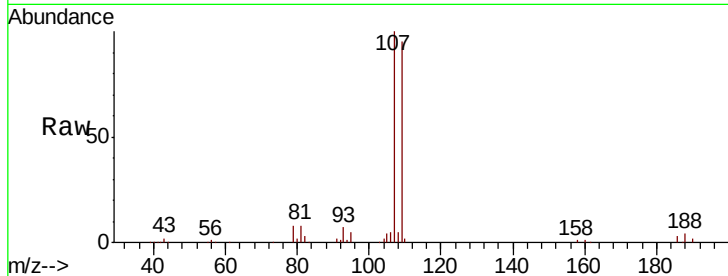
ClientSampleId :

Tot Ion:107 Resp: 73206

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

20000

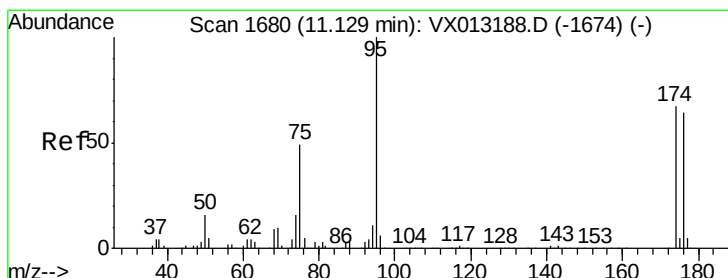
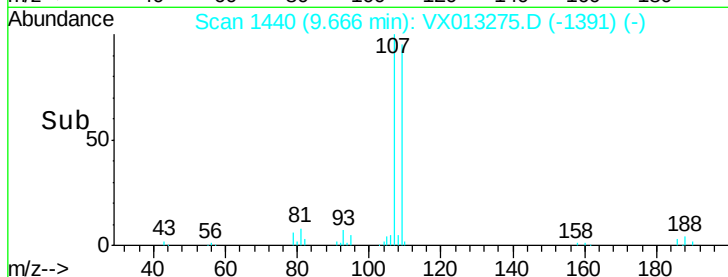
10000

0

9.67

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.983 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

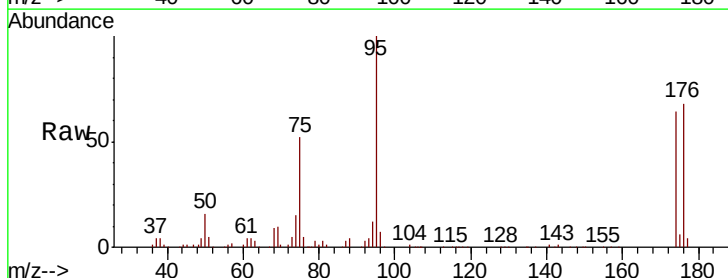
Tgt Ion: 95 Resp: 82989

Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.4

176 76.7 0.0 146.0



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

80000

60000

40000

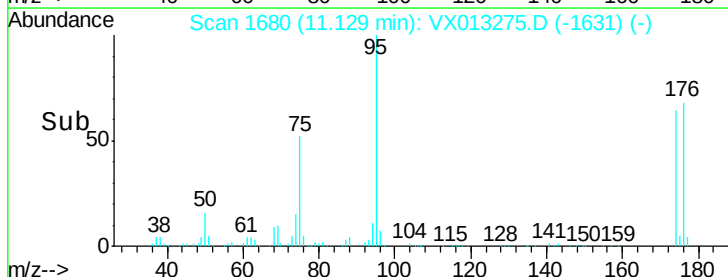
20000

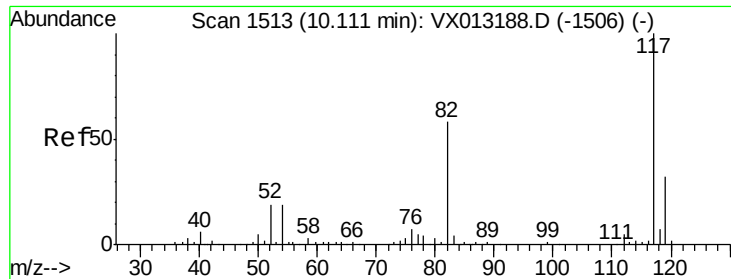
0

11.13

11.05 11.10 11.15 11.20

Time-->

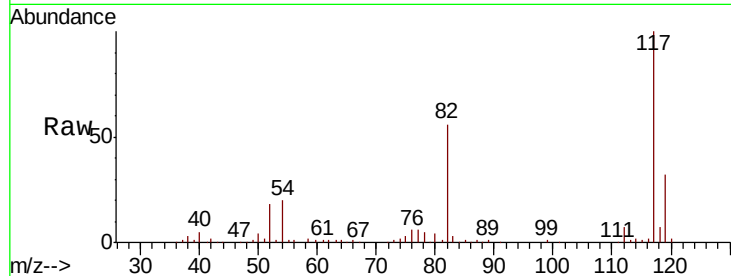




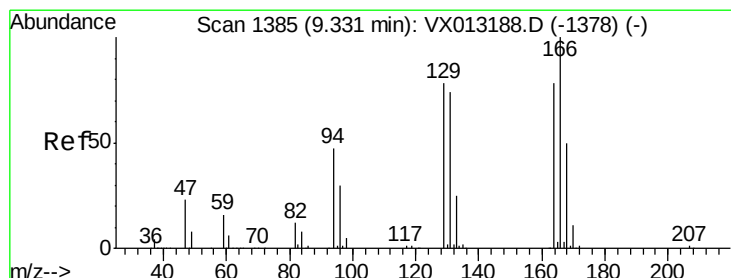
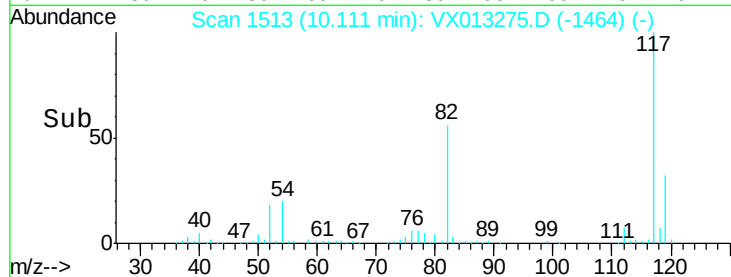
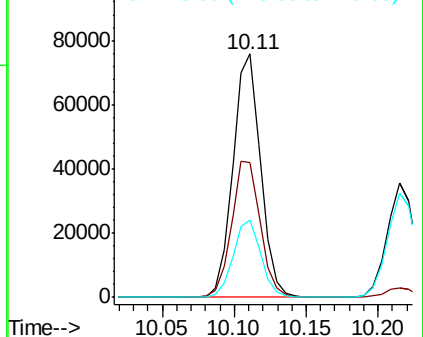
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 102077
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 31.7 25.2 37.8

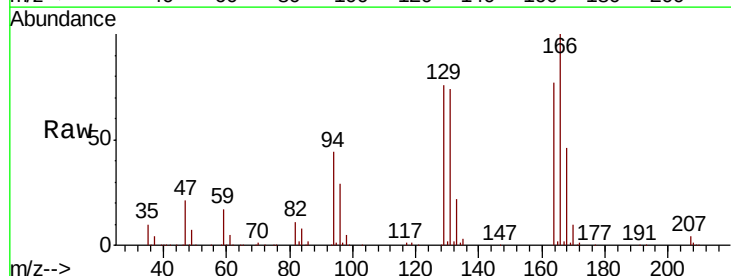


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

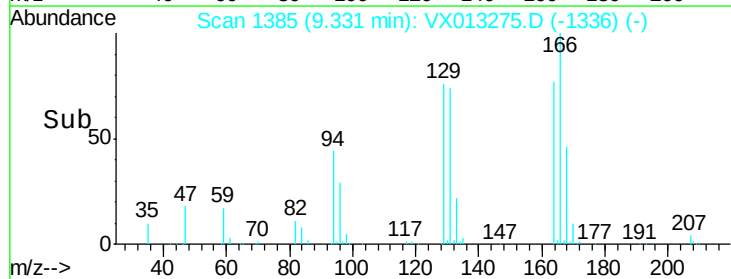
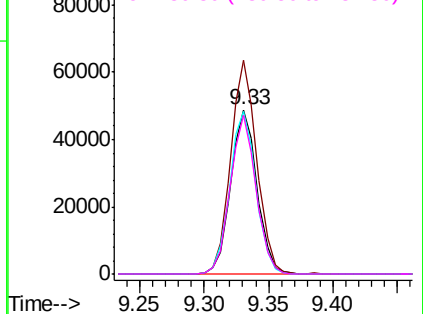


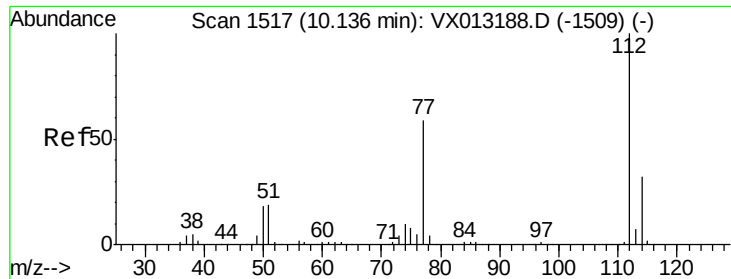
#64
Tetrachloroethene
Concen: 55.657 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:164 Resp: 69825
Ion Ratio Lower Upper
164 100
166 130.4 102.2 153.4
129 99.4 79.8 119.8
131 96.9 75.3 112.9



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

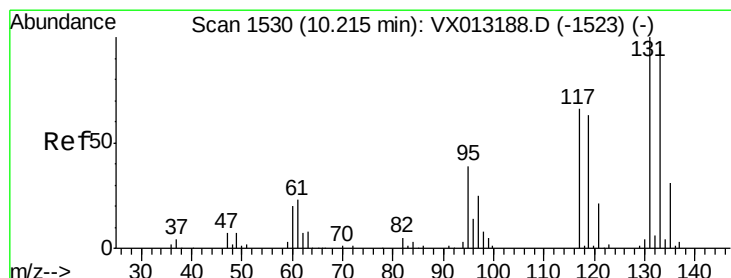
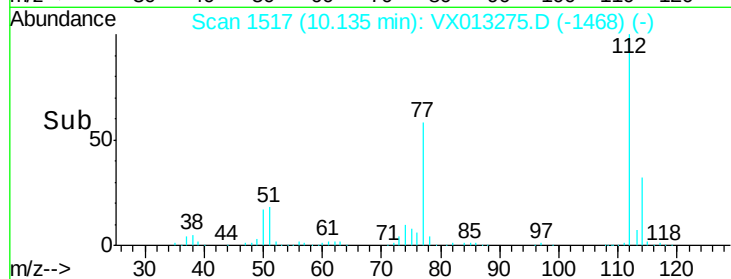
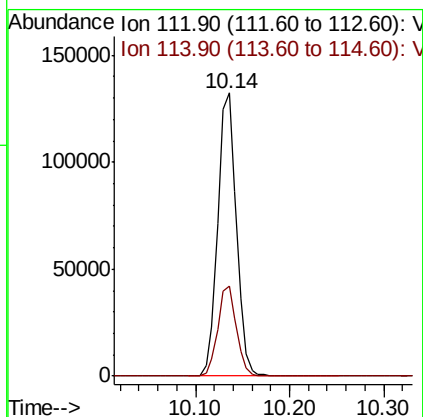
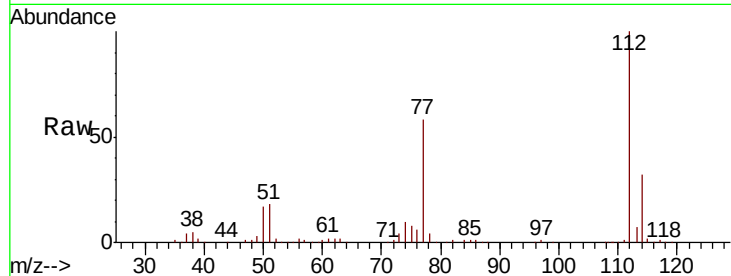




#65
Chlorobenzene
Concen: 50.776 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

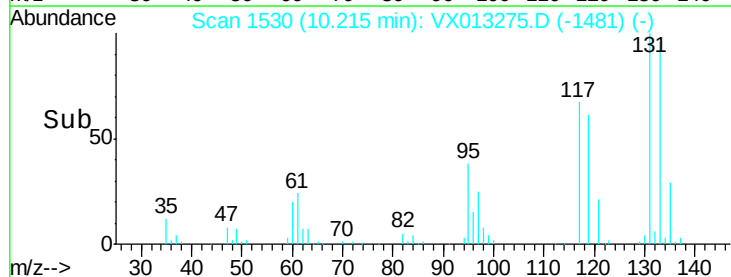
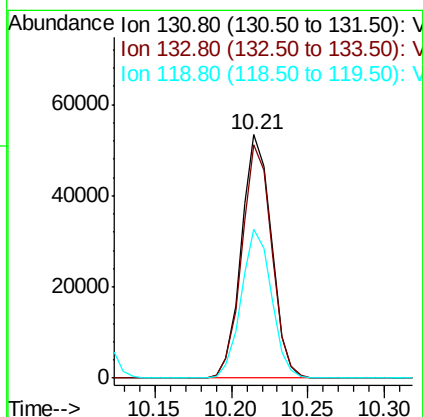
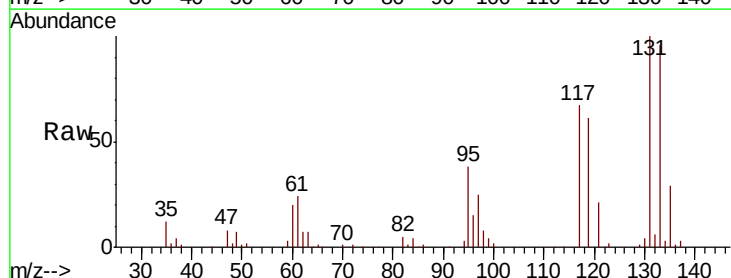
Instrument :
MSVOA_X
ClientSampleId :

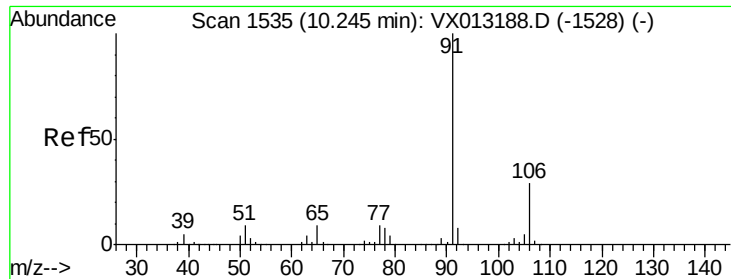
Tot Ion:112 Resp: 181436
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.059 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:131 Resp: 72679
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.2
119 61.3 32.4 97.0

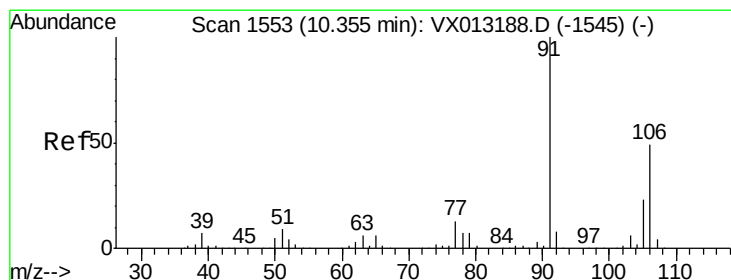
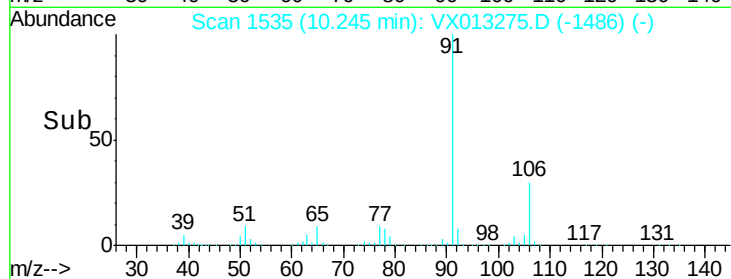
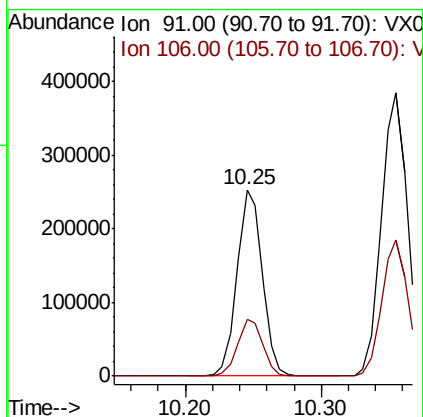
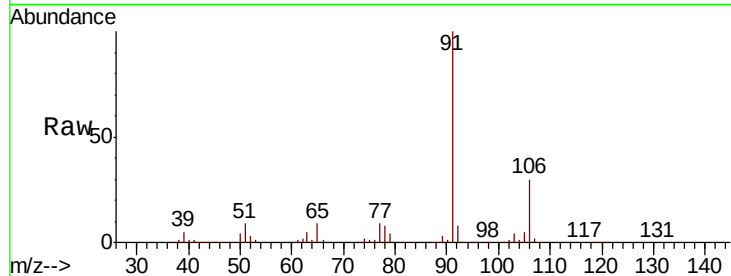




#67
Ethyl Benzene
Concen: 50.940 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

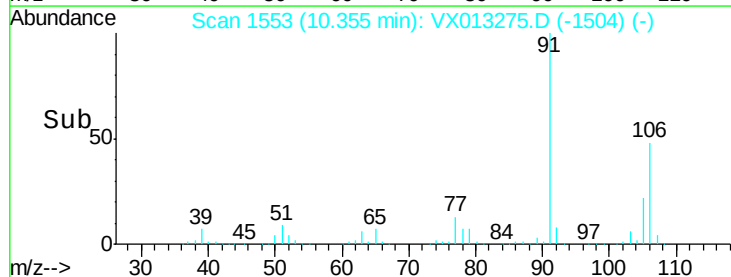
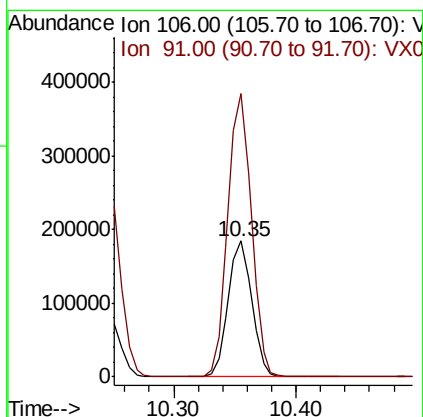
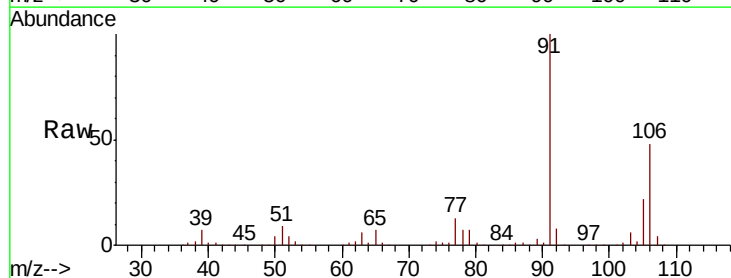
Instrument :
MSVOA_X
ClientSampled :

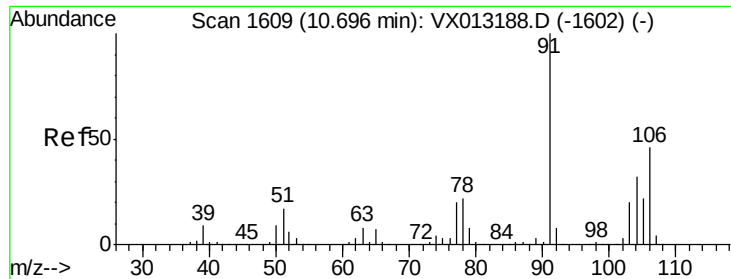
Tot Ion: 91 Resp: 325865
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3



#68
m/p-Xylenes
Concen: 101.751 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 106 Resp: 245987
Ion Ratio Lower Upper
106 100
91 209.0 166.8 250.2

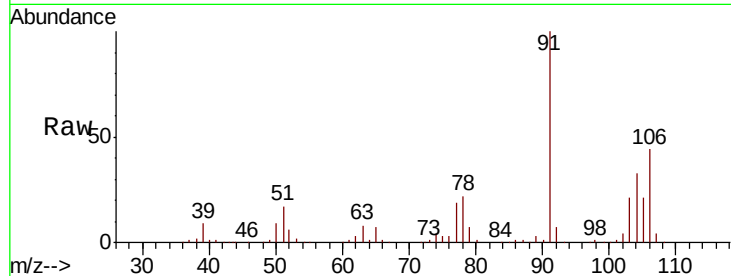




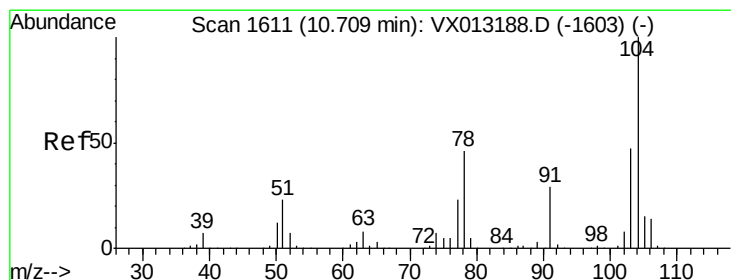
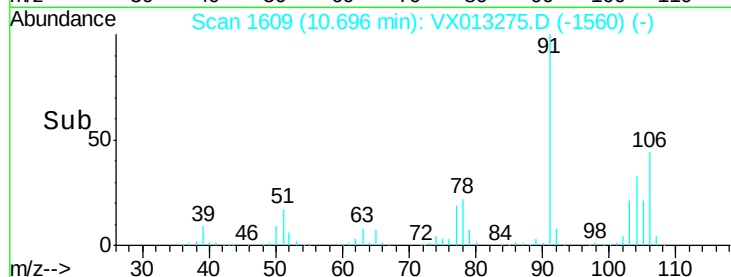
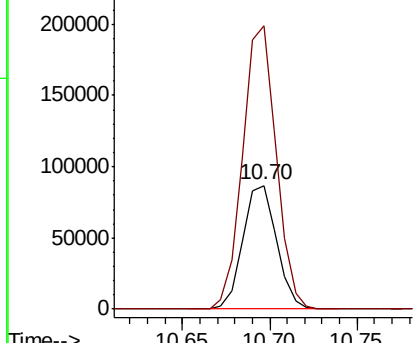
#69
o-Xylene
Concen: 50.357 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 116782
Ion Ratio Lower Upper
106 100
91 227.2 110.7 331.9

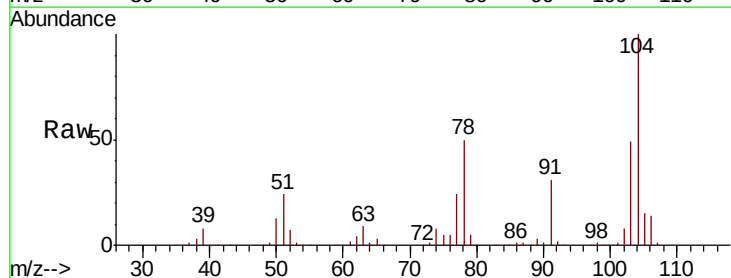


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

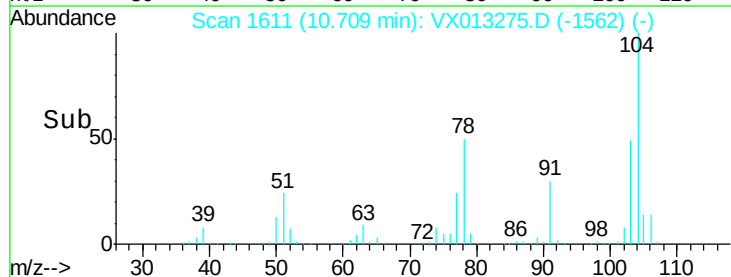
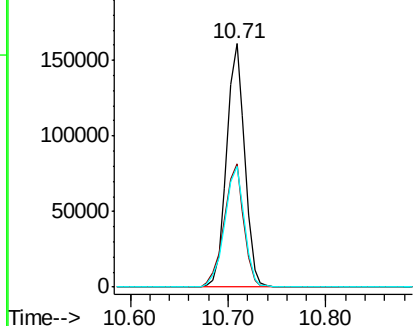


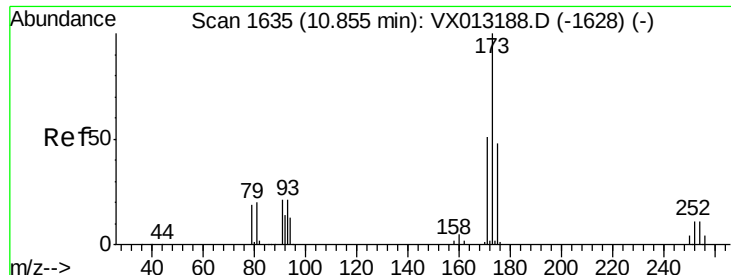
#70
Styrene
Concen: 51.992 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:104 Resp: 207617
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.4
103 53.8 42.8 64.2



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: 58.711 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

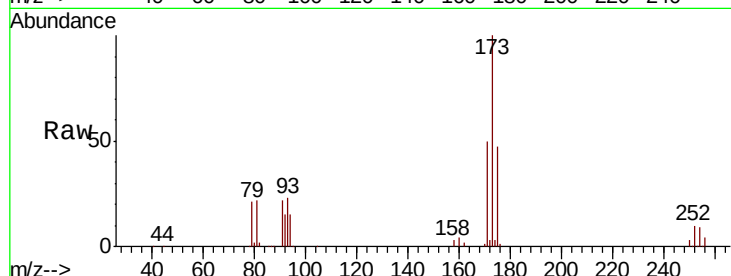
Tot Ion:173 Resp: 56627

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

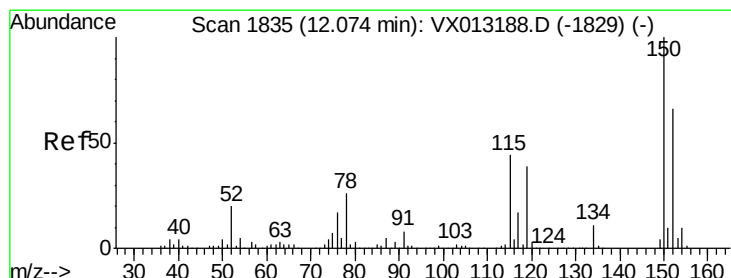
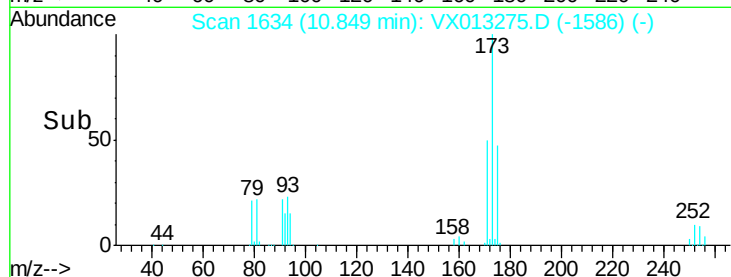
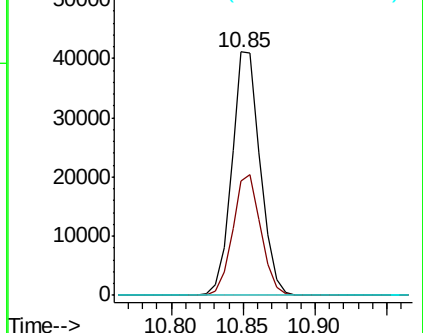
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

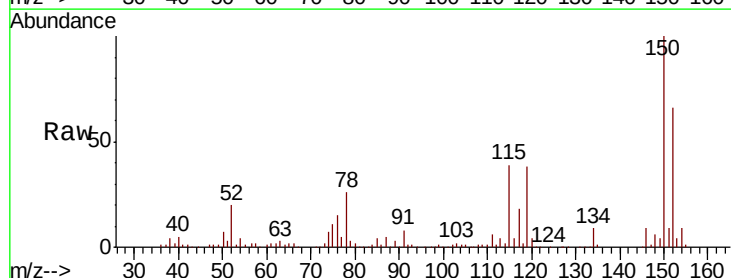
Tgt Ion:152 Resp: 73983

Ion Ratio Lower Upper

152 100

115 91.6 46.6 139.8

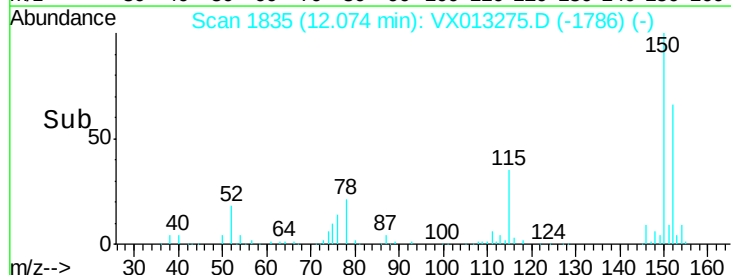
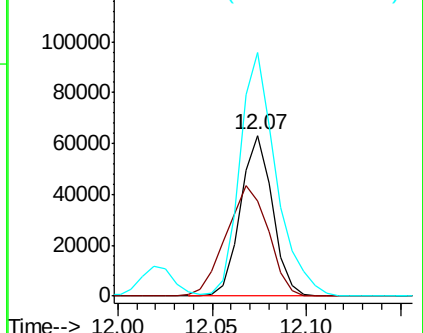
150 172.8 0.0 354.0

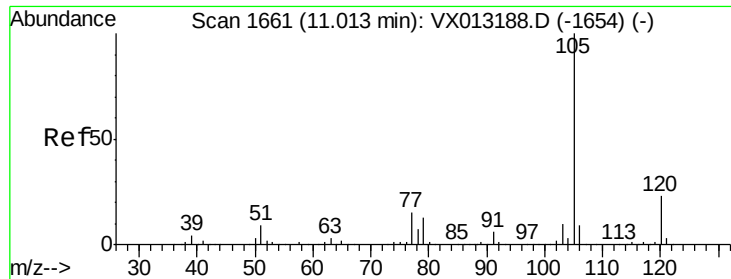


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.910 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

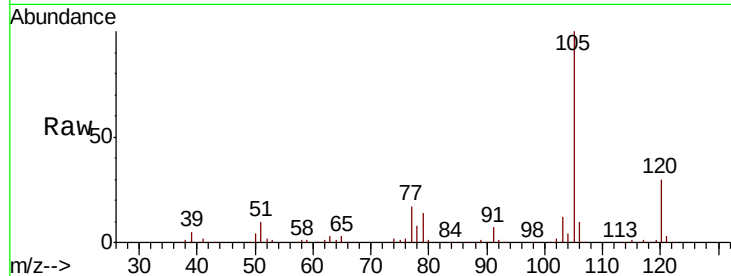
ClientSampled :

Tot Ion:105 Resp: 315158

Ion Ratio Lower Upper

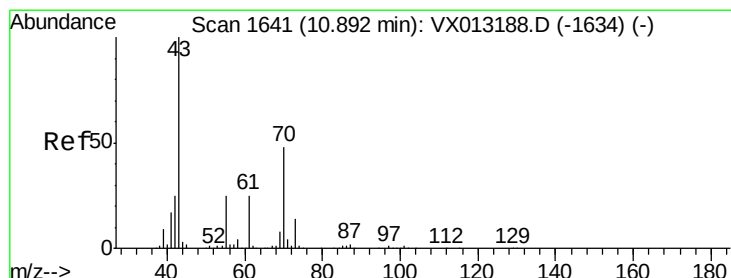
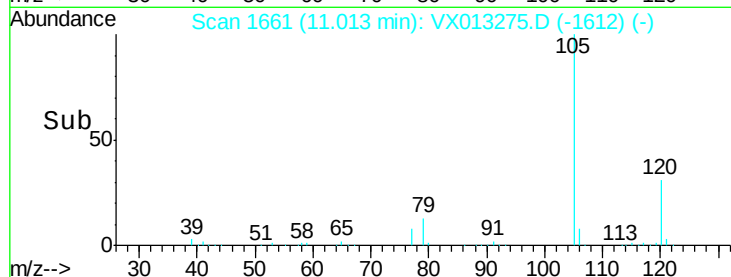
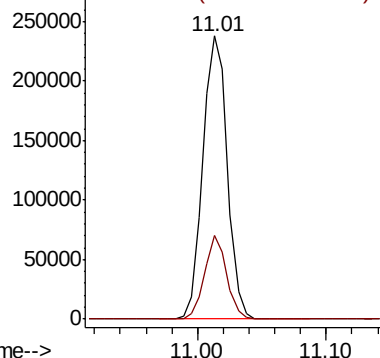
105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.983 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion: 43 Resp: 123250

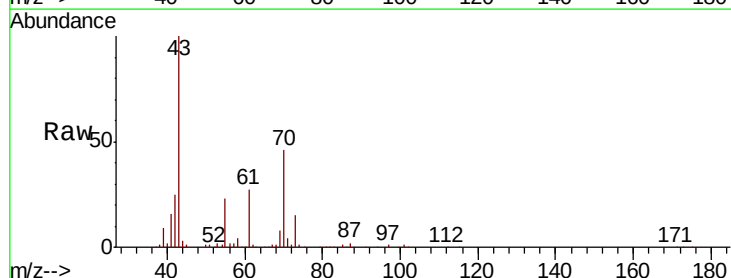
Ion Ratio Lower Upper

43 100

70 47.9 38.5 57.7

55 25.0 20.7 31.1

61 26.4 20.8 31.2

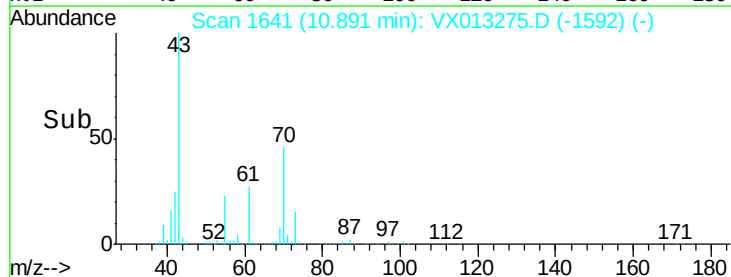
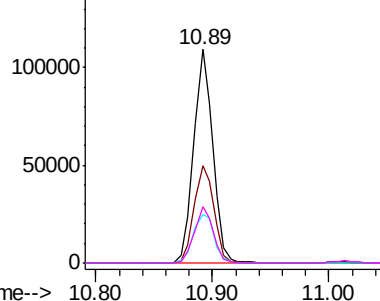


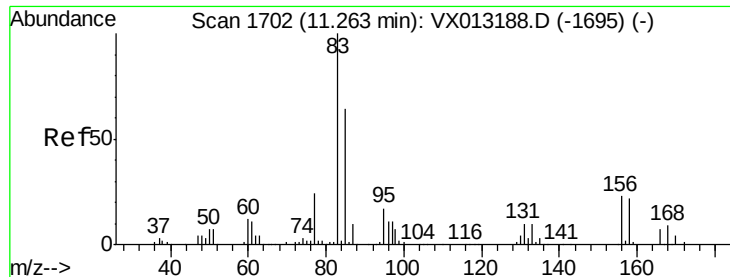
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.162 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

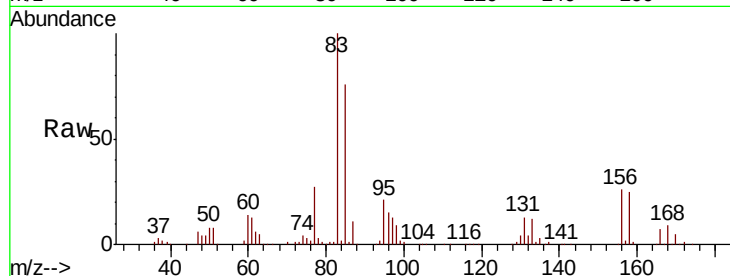
Tot Ion: 83 Resp: 96208

Ion Ratio Lower Upper

83 100

131 12.0 5.3 16.1

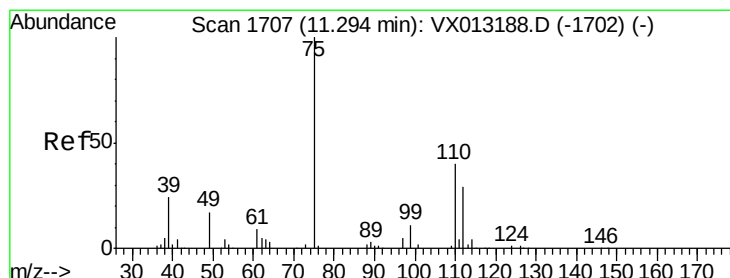
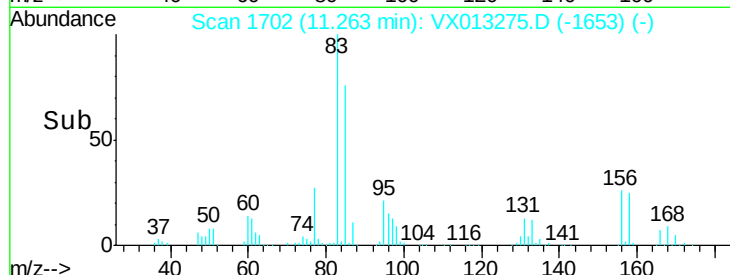
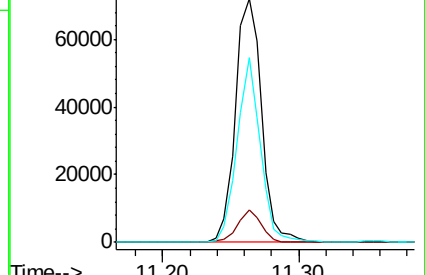
85 67.8 31.4 94.3



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: 65.698 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013275.D

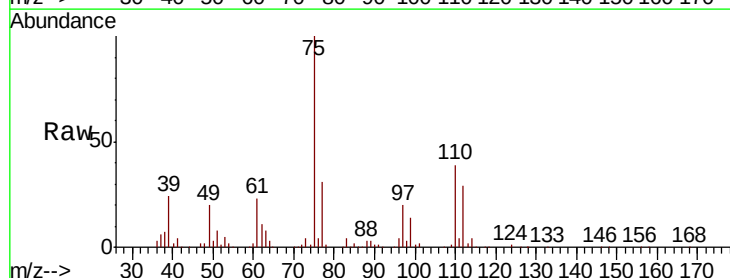
Acq: 29 Oct 2019 17:50

Tgt Ion: 75 Resp: 117148

Ion Ratio Lower Upper

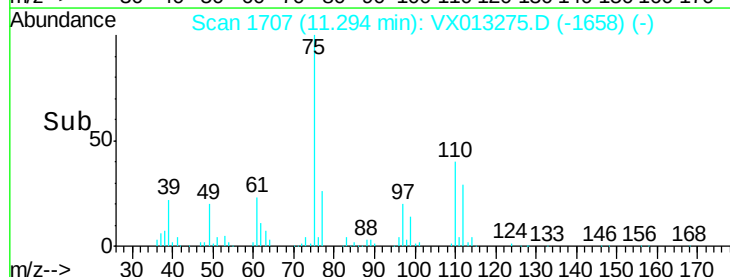
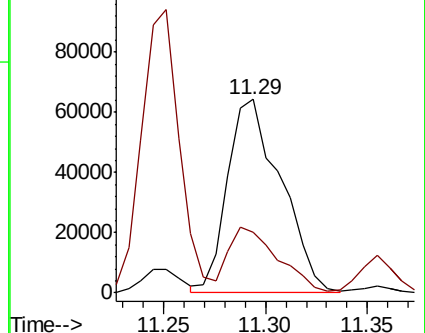
75 100

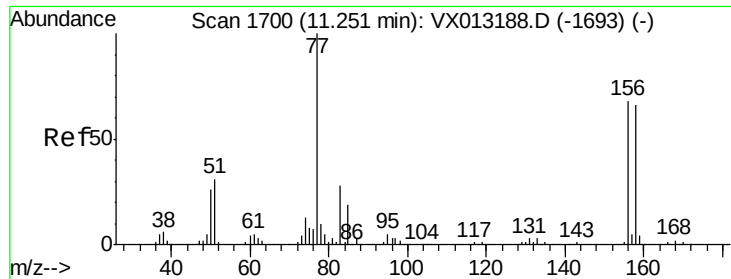
77 31.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.653 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

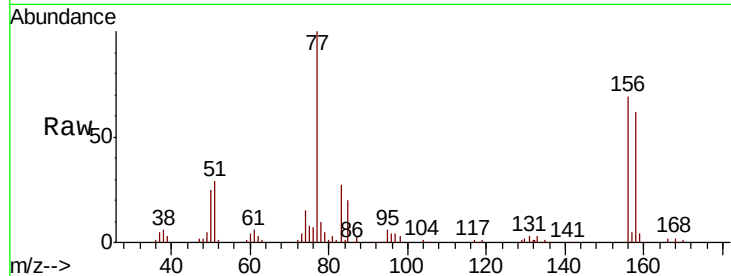
Tot Ion:156 Resp: 76731

Ion Ratio Lower Upper

156 100

77 158.4 81.7 245.1

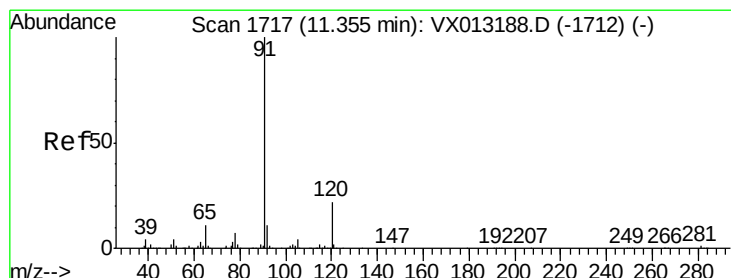
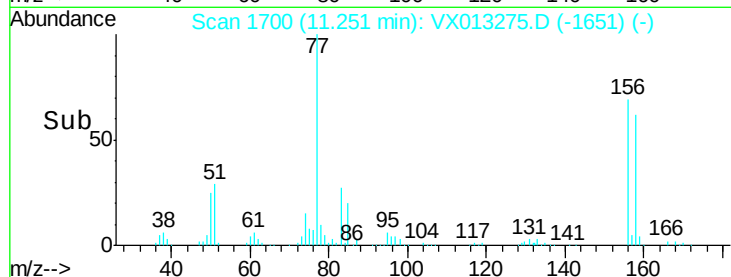
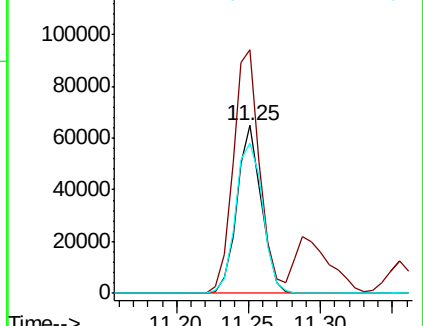
158 100.1 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.359 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013275.D

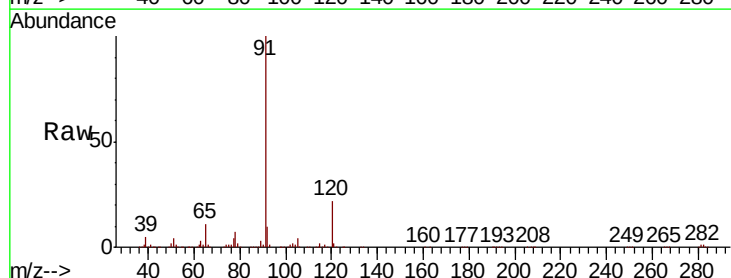
Acq: 29 Oct 2019 17:50

Tgt Ion: 91 Resp: 352915

Ion Ratio Lower Upper

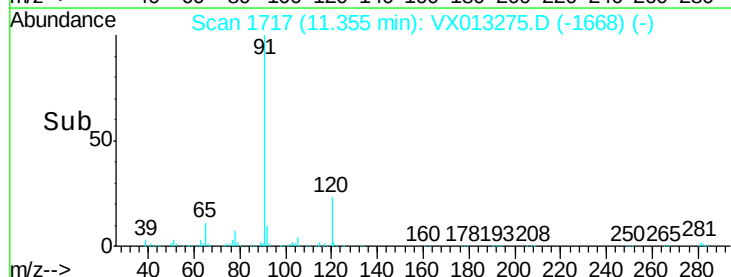
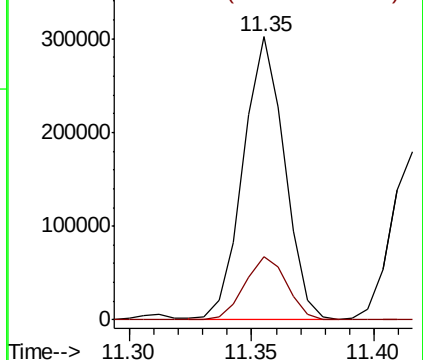
91 100

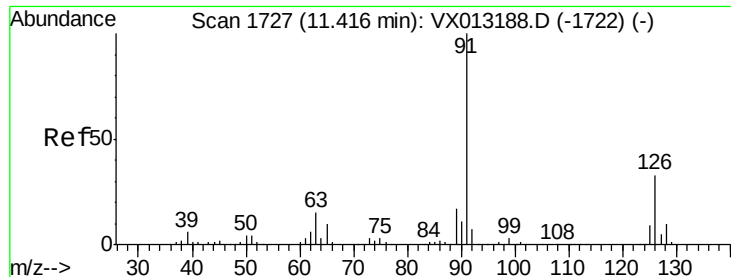
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

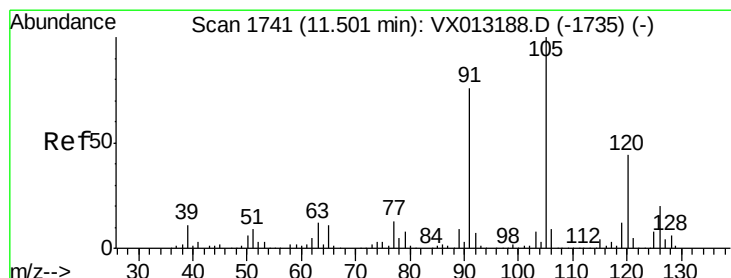
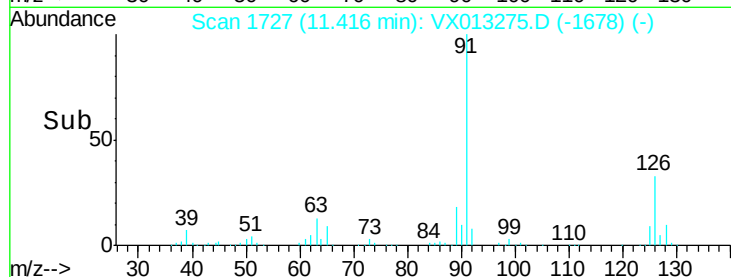
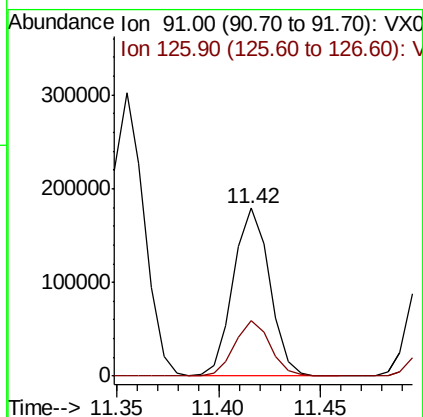
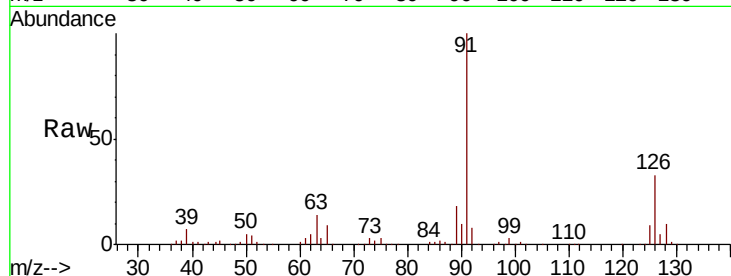




#79
 2-Chlorotoluene
 Concen: 47.889 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

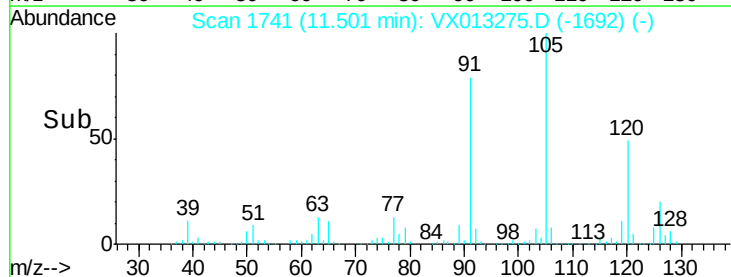
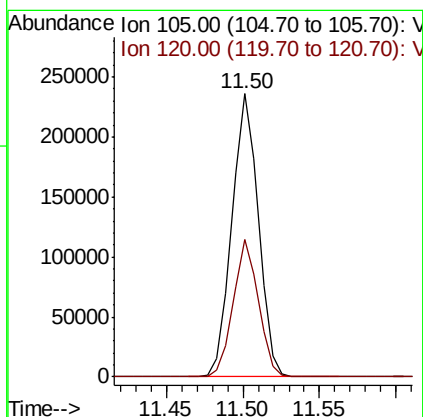
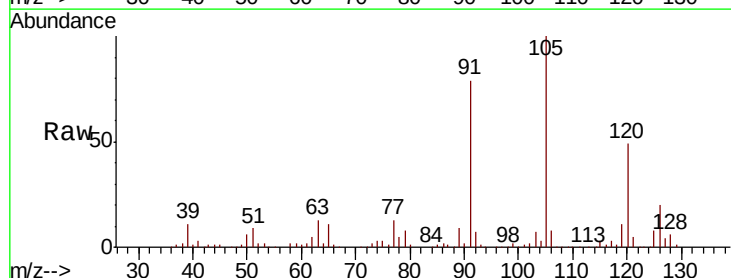
Instrument :
 MSVOA_X
 ClientSampleId :

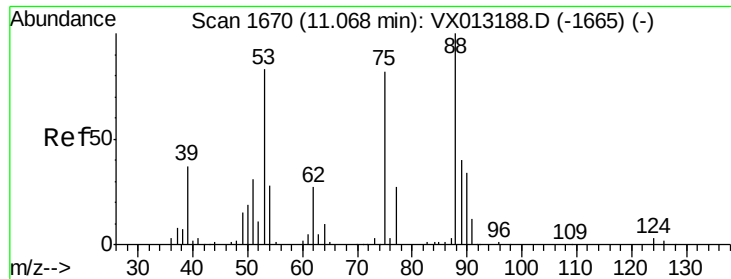
Tot Ion: 91 Resp: 220814
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.574 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 105 Resp: 282418
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0

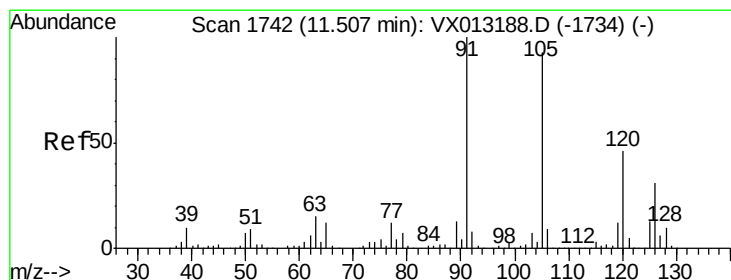
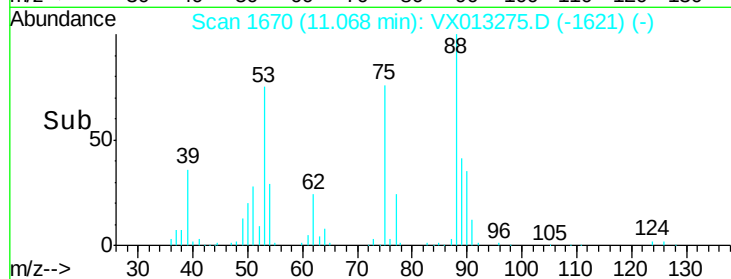
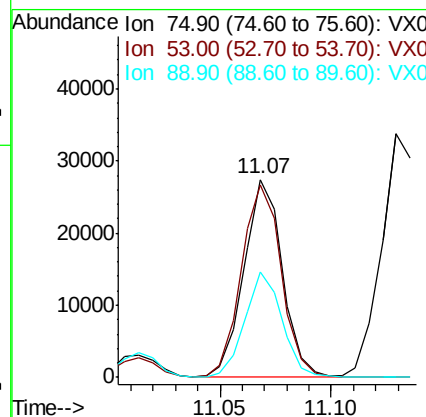
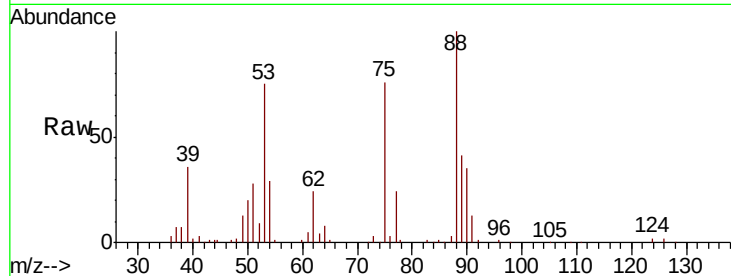




#81
trans-1,4-Dichloro-2-butene
Concen: 50.599 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

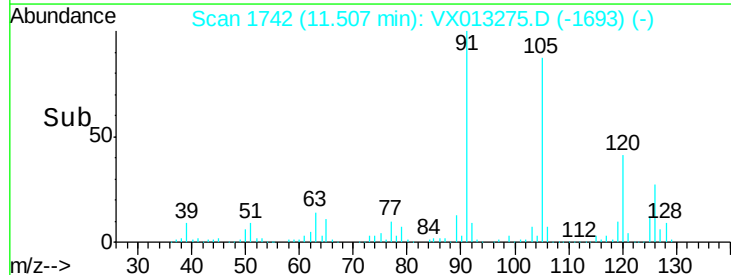
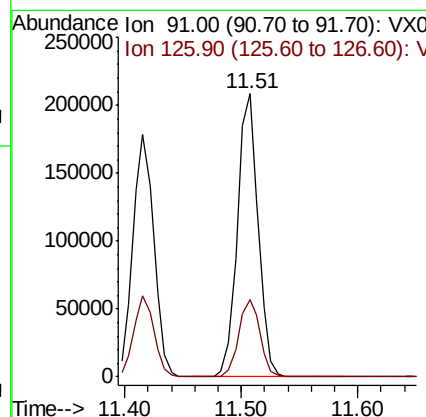
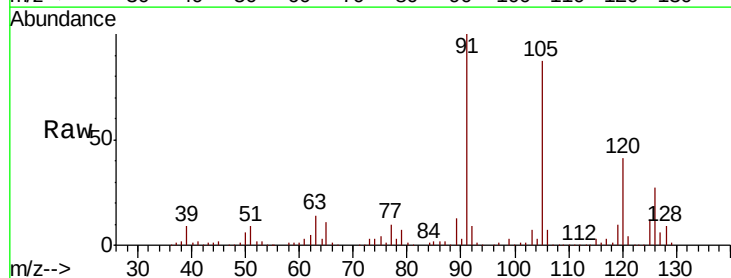
Instrument :
MSVOA_X
ClientSampleId :

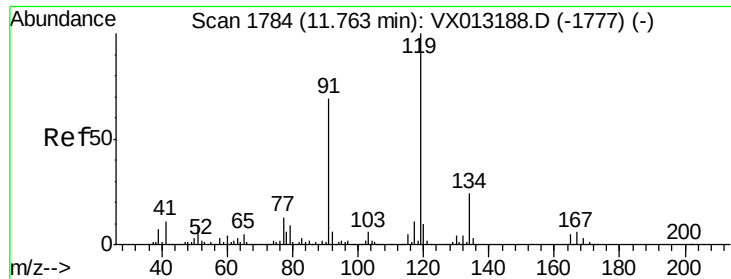
Tot Ion: 75 Resp: 32833
Ion Ratio Lower Upper
75 100
53 101.8 77.9 116.9
89 52.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 49.610 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 91 Resp: 259183
Ion Ratio Lower Upper
91 100
126 27.7 14.6 44.0

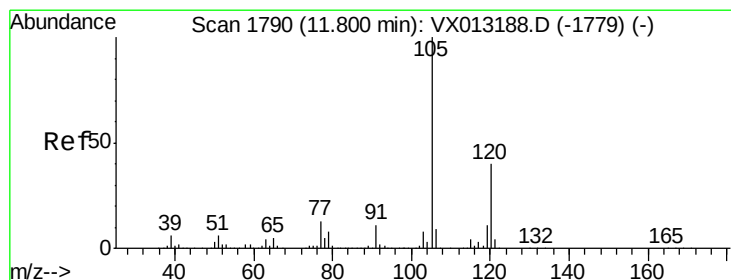
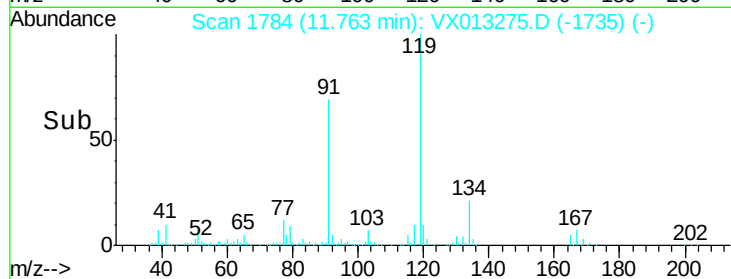
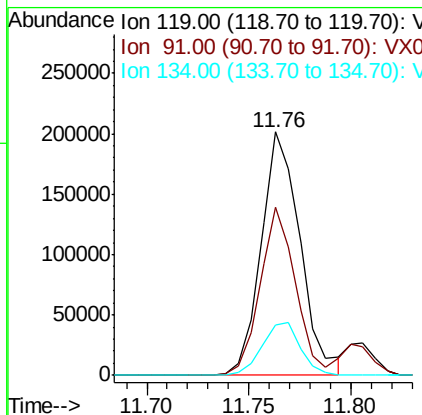
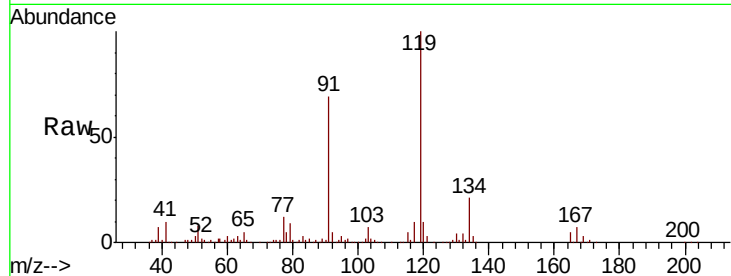




#83
 tert-Butylbenzene
 Concen: 48.576 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

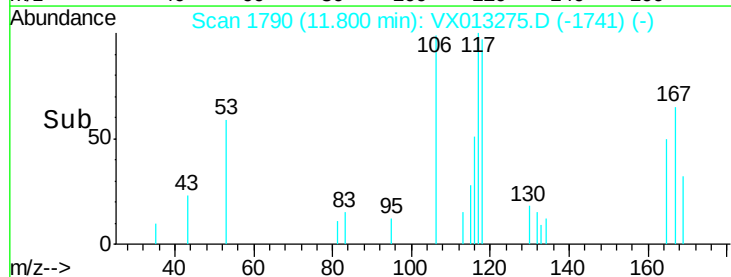
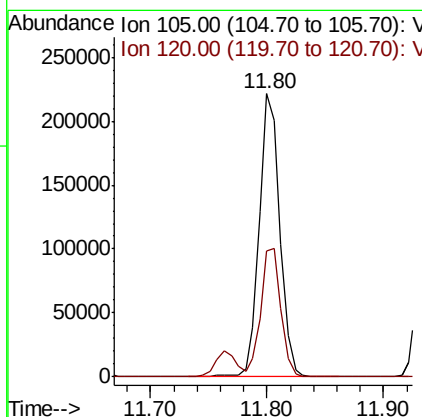
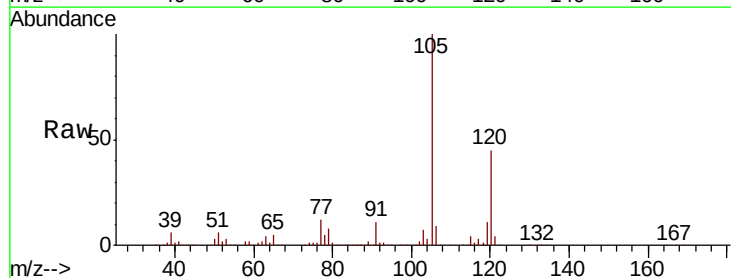
Instrument :
 MSVOA_X
 ClientSampled :

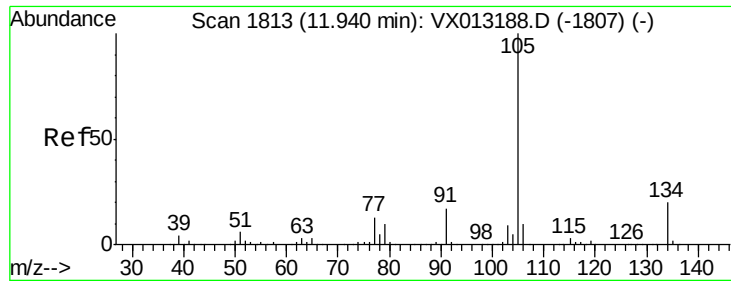
Tot Ion:119 Resp: 268377
 Ion Ratio Lower Upper
 119 100
 91 62.4 30.8 92.4
 134 21.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.364 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion:105 Resp: 272414
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.4 64.3





#85

sec-Butylbenzene

Concen: 49.482 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

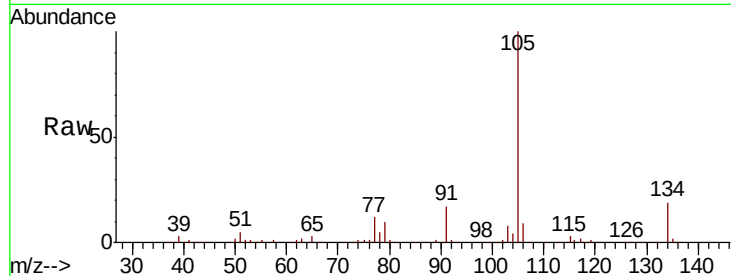
ClientSampleId :

Tot Ion:105 Resp: 311105

Ion Ratio Lower Upper

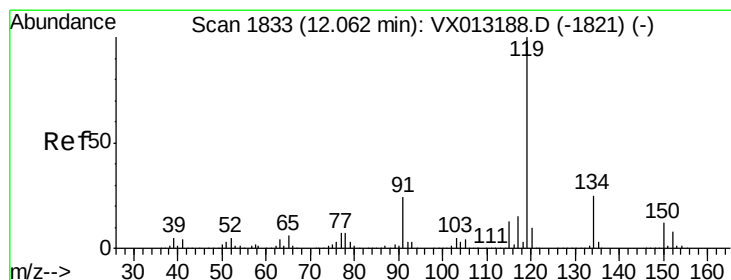
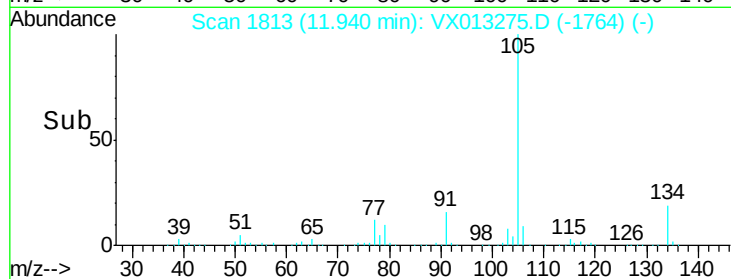
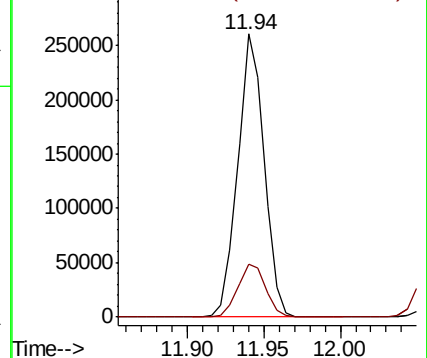
105 100

134 19.5 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.207 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

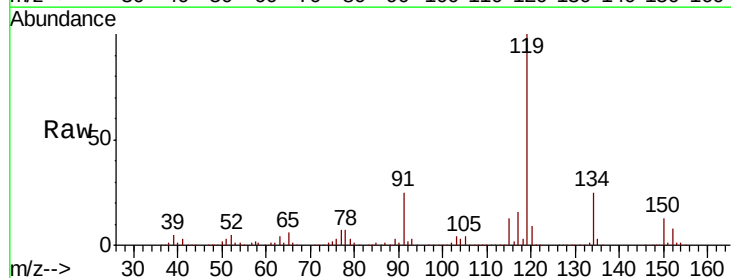
Tgt Ion:119 Resp: 302461

Ion Ratio Lower Upper

119 100

134 23.8 12.5 37.5

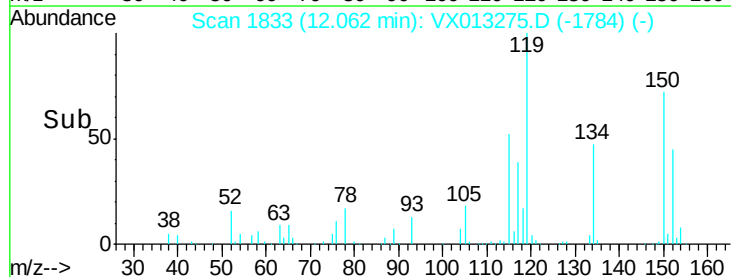
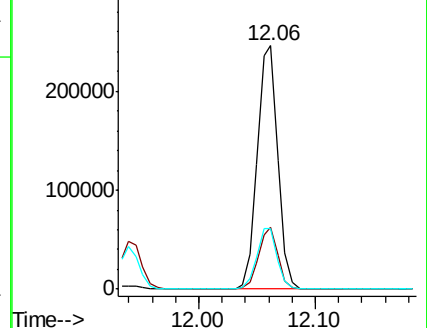
91 24.7 12.4 37.2

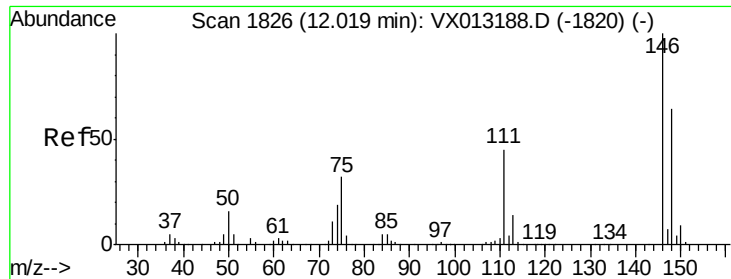


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

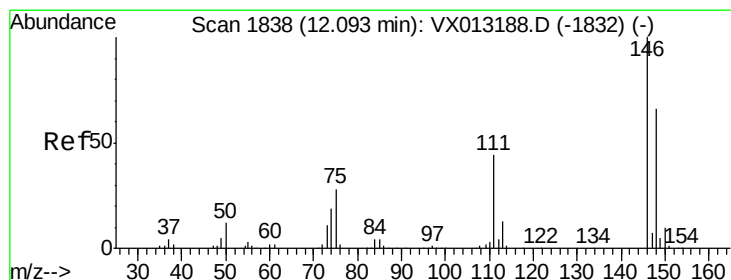
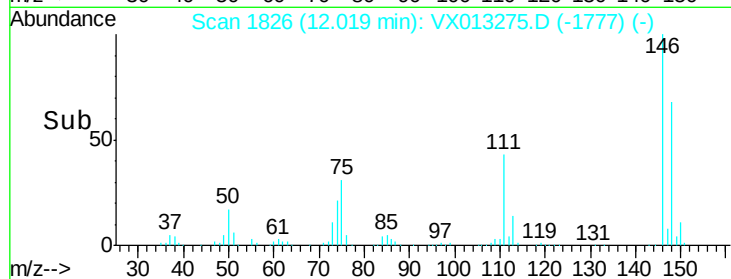
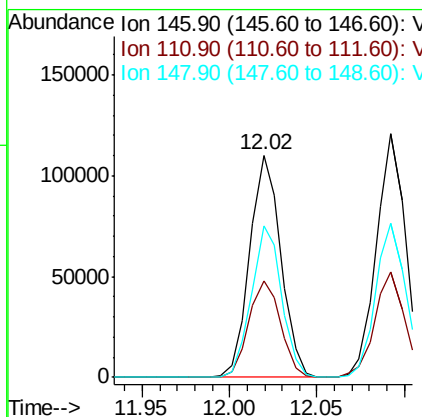
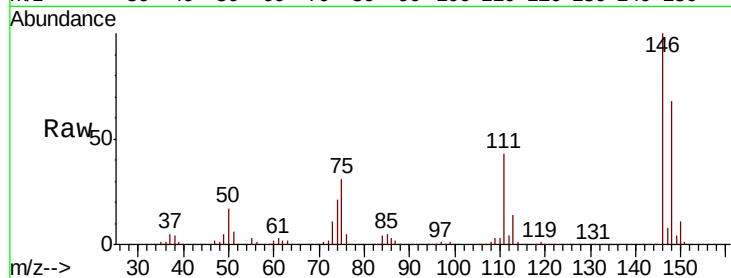




#87
 1,3-Dichlorobenzene
 Concen: 46.846 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

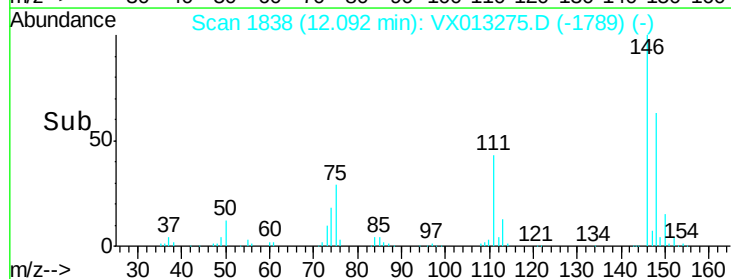
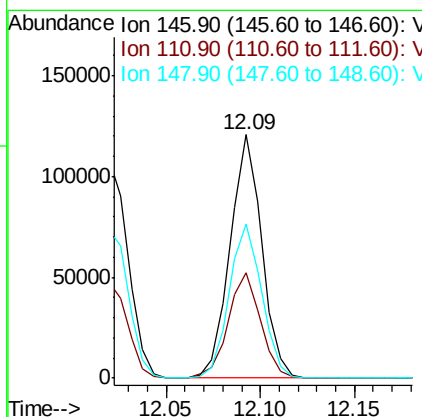
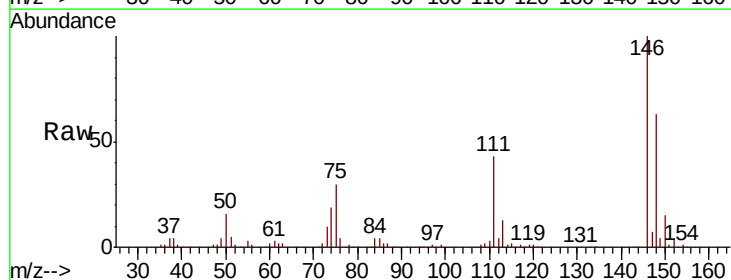
Instrument :
 MSVOA_X
 ClientSampleId :

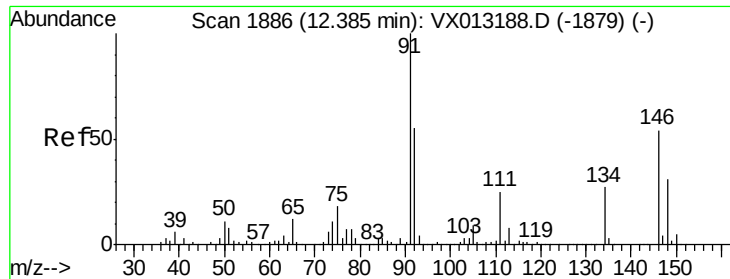
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.3	63.9
148	66.4	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.529 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	63.9
148	65.0	32.5	97.5





#89

n-Butylbenzene

Concen: 48.924 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

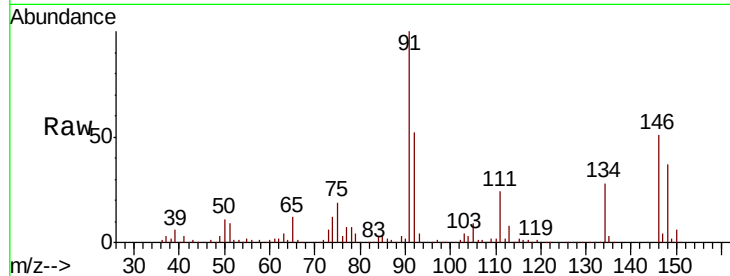
Tot Ion: 91 Resp: 236395

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.1

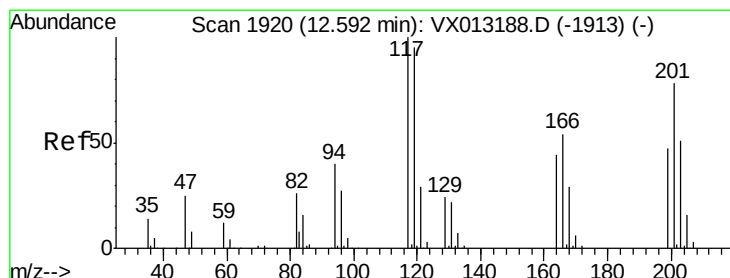
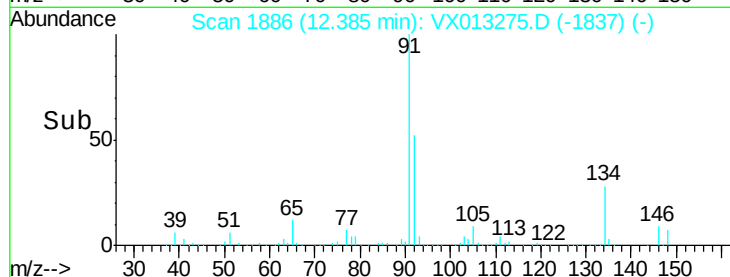
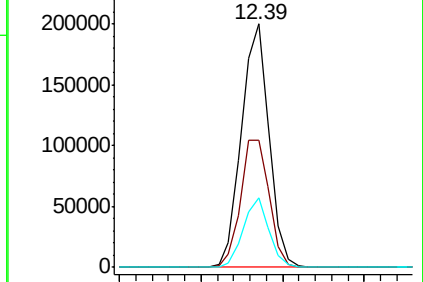
134 26.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013188.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013188.D (-1879) (-)



#90

Hexachloroethane

Concen: 53.224 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013275.D

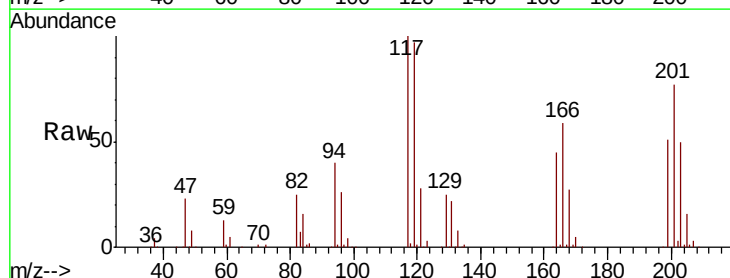
Acq: 29 Oct 2019 17:50

Tgt Ion: 117 Resp: 52647

Ion Ratio Lower Upper

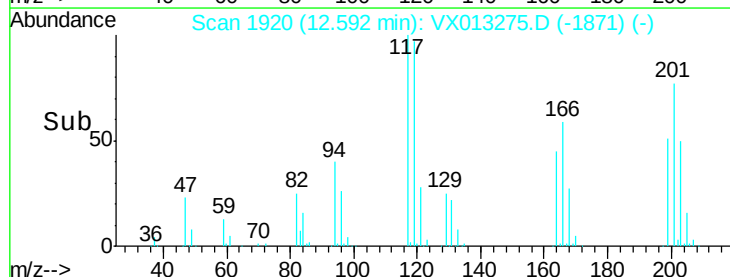
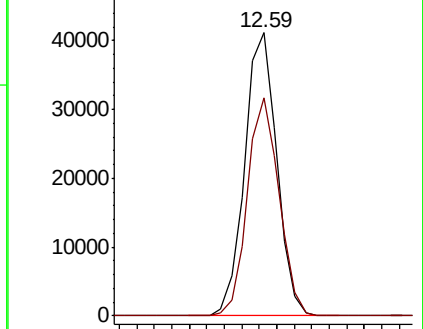
117 100

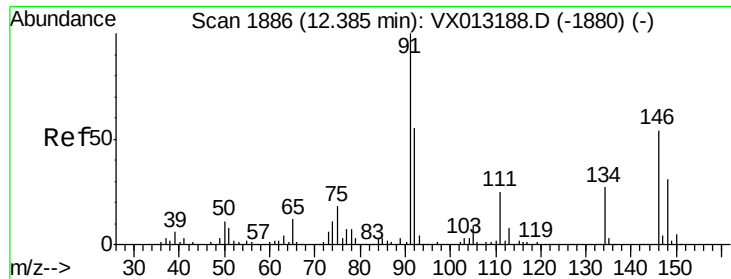
201 76.1 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): VX013188.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX013188.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 47.892 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

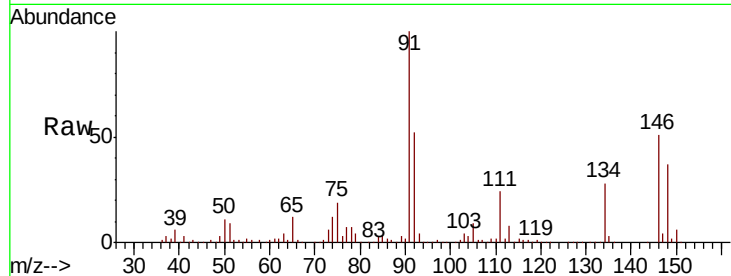
Tot Ion:146 Resp: 136994

Ion Ratio Lower Upper

146 100

111 46.3 22.9 68.8

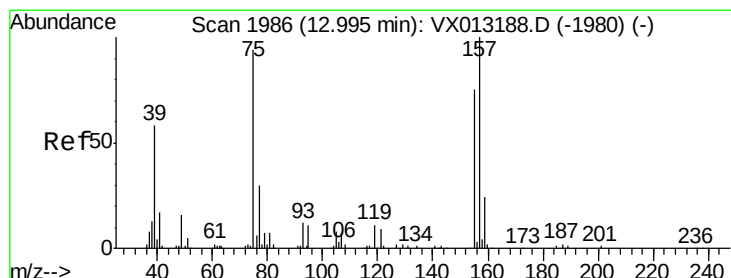
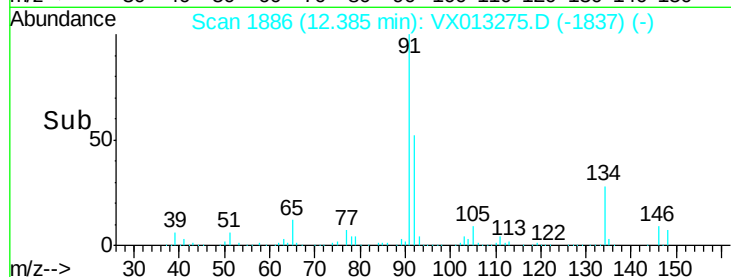
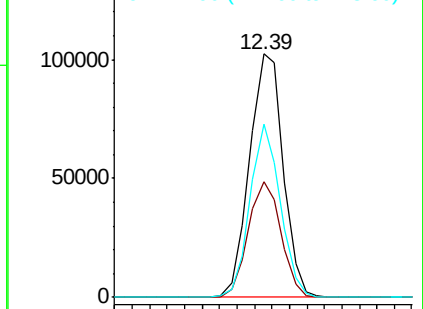
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.740 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

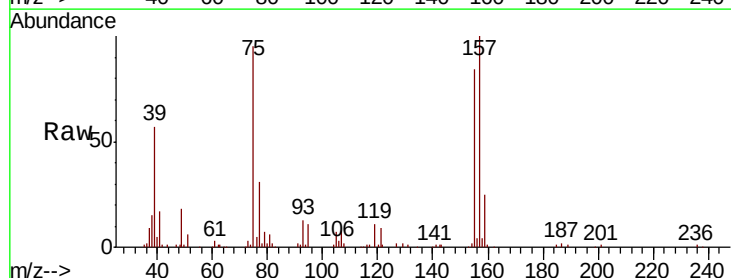
Tgt Ion: 75 Resp: 26754

Ion Ratio Lower Upper

75 100

155 87.1 42.8 128.4

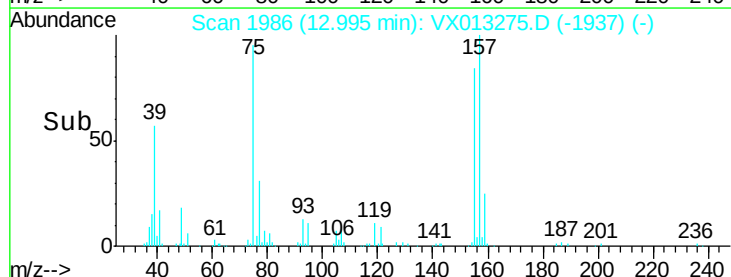
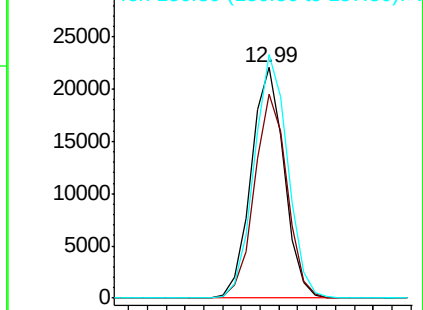
157 107.2 54.3 162.8

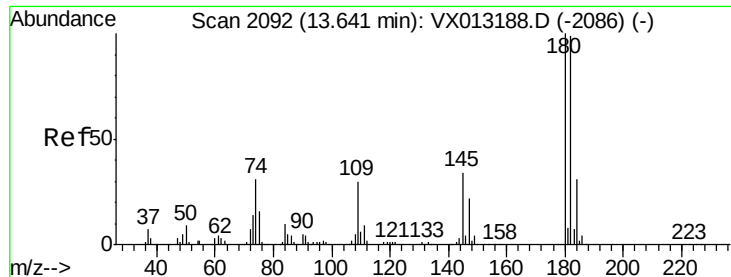


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

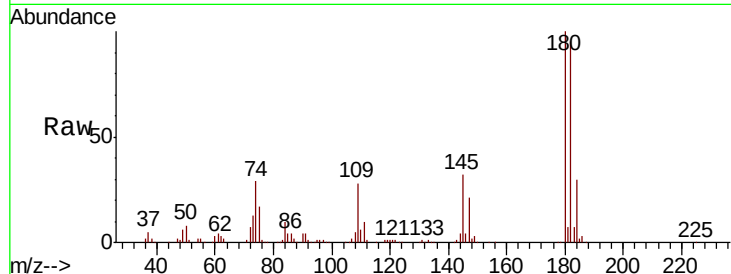




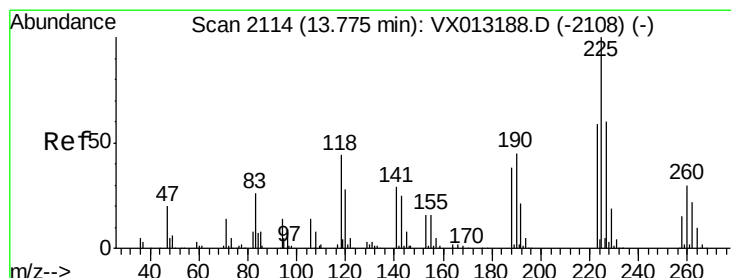
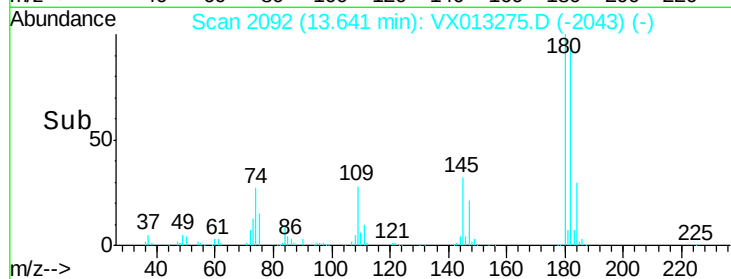
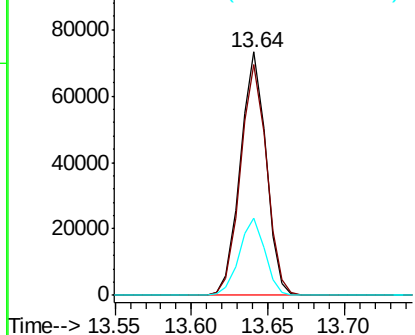
#93
 1,2,4-Trichlorobenzene
 Concen: 47.392 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 85364
 Ion Ratio Lower Upper
 180 100
 182 96.7 45.9 137.6
 145 31.8 15.9 47.6

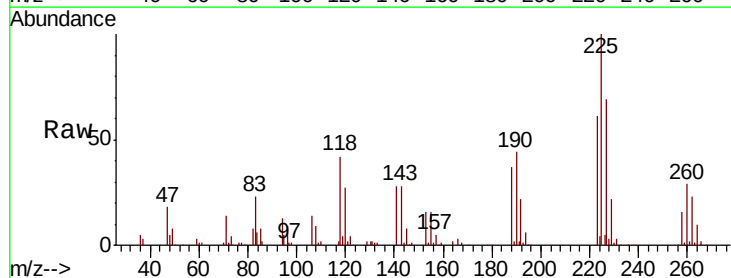


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

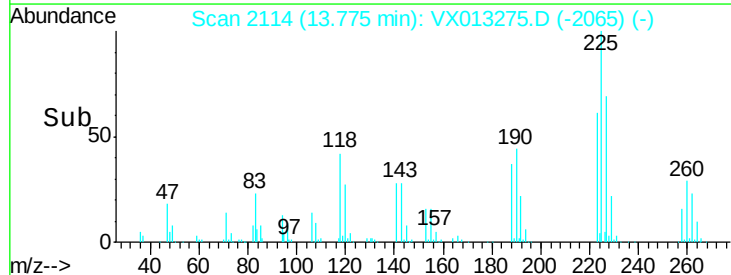
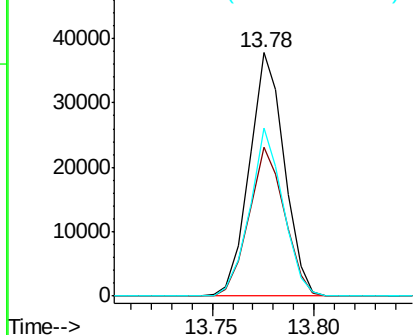


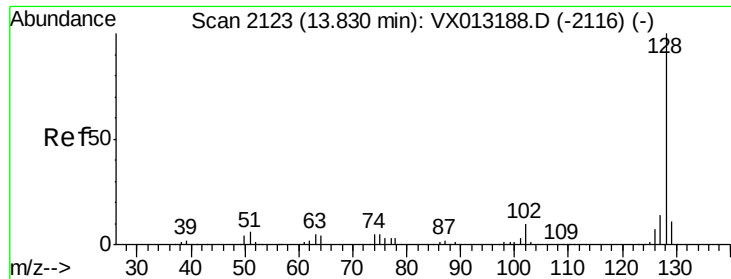
#94
 Hexachlorobutadiene
 Concen: 48.339 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion:225 Resp: 45040
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.5
 227 65.8 30.3 90.9



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

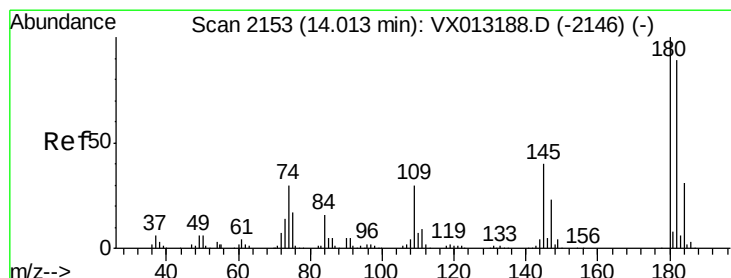
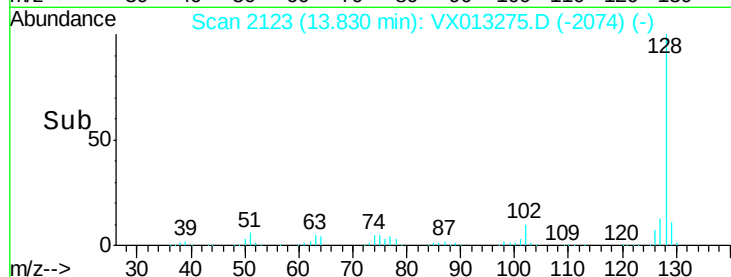
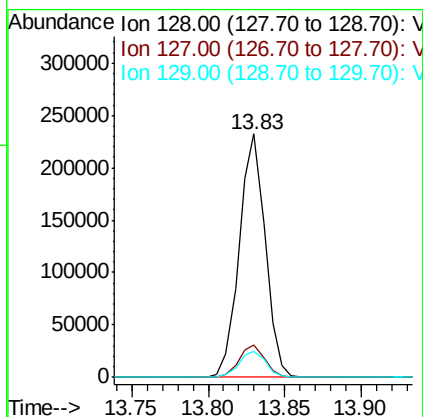
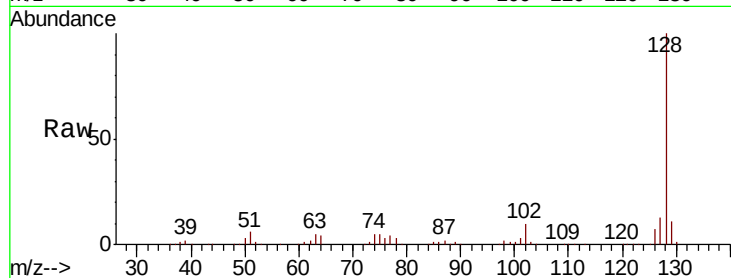




#95
Naphthalene
Concen: 49.409 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 273144
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.143 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:180 Resp: 87469
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 35.6 18.6 55.6

