

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
 Data File : VX013310.D
 Acq On : 01 Nov 2019 14:44
 Operator : JC/SP
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	718062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1094396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	992488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	493114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	421226	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	5.48	113	340855	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	1302696	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	452579	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	179186	21.658	ug/l	98
3) Chloromethane	1.31	50	196153	21.863	ug/l	98
4) Vinyl Chloride	1.40	62	224041	21.934	ug/l	99
5) Bromomethane	1.62	94	135536	19.041	ug/l	98
6) Chloroethane	1.72	64	125842	20.858	ug/l	97
7) Trichlorofluoromethane	1.92	101	243961	20.216	ug/l	100
8) Diethyl Ether	2.18	74	112995	21.174	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138674	20.617	ug/l	98
10) Methyl Iodide	2.50	142	170298	20.450	ug/l	98
11) Tert butyl alcohol	3.03	59	212065	94.580	ug/l	99
12) 1,1-Dichloroethene	2.36	96	138507	21.028	ug/l	93
13) Acrolein	2.28	56	109282	89.930	ug/l	96
14) Allyl chloride	2.72	41	245874	20.545	ug/l	99
15) Acrylonitrile	3.13	53	432823	103.341	ug/l	99
16) Acetone	2.43	43	410505	96.746	ug/l	98
17) Carbon Disulfide	2.56	76	364750	20.690	ug/l	98
18) Methyl Acetate	2.76	43	243467	20.784	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	462384	21.047	ug/l	98
20) Methylene Chloride	2.84	84	162099	20.677	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	150581	20.997	ug/l	99
22) Diisopropyl ether	3.84	45	501727	21.715	ug/l #	88
23) Vinyl Acetate	3.80	43	2069525	104.675	ug/l	100
24) 1,1-Dichloroethane	3.69	63	274966	21.274	ug/l	99
25) 2-Butanone	4.65	43	630591	101.304	ug/l	98
26) 2,2-Dichloropropane	4.57	77	198477	19.303	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	169980	21.158	ug/l	99
28) Bromochloromethane	5.00	49	78980	21.521	ug/l	97
29) Tetrahydrofuran	5.11	42	398048	103.768	ug/l	100
30) Chloroform	5.20	83	270326	21.181	ug/l	96
31) Cyclohexane	5.57	56	243312	20.920	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	226825	20.651	ug/l	99
36) 1,1-Dichloropropene	5.79	75	201213	21.432	ug/l	99
37) Ethyl Acetate	4.82	43	235752	20.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	193059	21.028	ug/l	96

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Quant Time: Nov 04 00:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	244601	20.909	ug/l	97
40) Benzene	6.13	78	616093	21.066	ug/l	98
41) Methacrylonitrile	5.03	41	130601	20.085	ug/l	99
42) 1,2-Dichloroethane	6.18	62	223614	21.198	ug/l	100
43) Isopropyl Acetate	6.43	43	372932	20.644	ug/l	99
44) Trichloroethene	7.20	130	164251	20.403	ug/l	96
45) 1,2-Dichloropropane	7.51	63	159821	21.448	ug/l	98
46) Dibromomethane	7.65	93	103260	20.296	ug/l	97
47) Bromodichloromethane	7.89	83	206620	21.537	ug/l	93
48) Methyl methacrylate	7.76	41	188649	20.920	ug/l	99
49) 1,4-Dioxane	7.73	88	82328	398.656	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1226174	103.455	ug/l	99
52) Toluene	8.78	92	386526	21.325	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213539	20.355	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239973	20.449	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	159429	21.220	ug/l	96
56) Ethyl methacrylate	9.17	69	243711	19.970	ug/l	98
57) 1,3-Dichloropropane	9.37	76	267953	21.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	511487	99.569	ug/l	99
59) 2-Hexanone	9.48	43	933403	101.910	ug/l	100
60) Dibromochloromethane	9.57	129	158640	20.646	ug/l	100
61) 1,2-Dibromoethane	9.67	107	169721	21.274	ug/l	99
64) Tetrachloroethene	9.33	164	150550	21.190	ug/l	96
65) Chlorobenzene	10.14	112	417258	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	153478	20.803	ug/l	99
67) Ethyl Benzene	10.24	91	735701	21.215	ug/l	100
68) m/p-Xylenes	10.35	106	557016	42.471	ug/l	99
69) o-Xylene	10.70	106	267916	20.865	ug/l	98
70) Styrene	10.71	104	456388	21.263	ug/l	100
71) Bromoform	10.85	173	117040	19.216	ug/l #	98
73) Isopropylbenzene	11.01	105	719431	22.005	ug/l	100
74) N-amyl acetate	10.89	43	324906	21.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252402	21.162	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	277943	27.750	ug/l	80
77) Bromobenzene	11.25	156	190291	21.833	ug/l	98
78) n-propylbenzene	11.35	91	799550	21.954	ug/l	99
79) 2-Chlorotoluene	11.42	91	476596	21.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	603041	22.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73221	18.817	ug/l	94
82) 4-Chlorotoluene	11.51	91	550710	21.440	ug/l	100
83) tert-Butylbenzene	11.77	119	598891	21.847	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	612296	22.413	ug/l	100
85) sec-Butylbenzene	11.94	105	685202	21.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	640172	22.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	318791	20.519	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	332204	20.987	ug/l	99
89) n-Butylbenzene	12.38	91	527265	20.828	ug/l	99
90) Hexachloroethane	12.59	117	106303	20.565	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	328141	21.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53933	18.560	ug/l	99

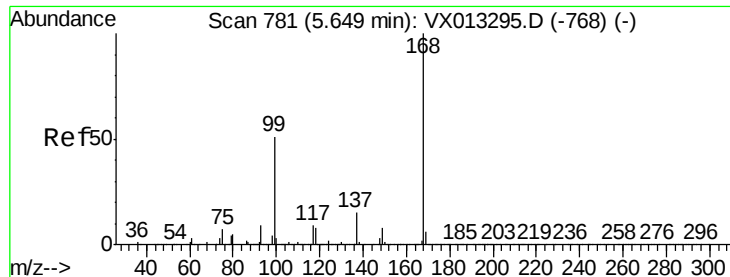
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	221357	20.434	ug/l	99
94) Hexachlorobutadiene	13.77	225	107501	20.284	ug/l	99
95) Naphthalene	13.83	128	720130	21.188	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228046	20.991	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

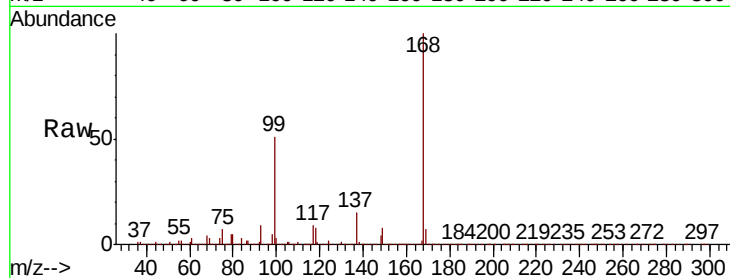
ClientSampleId :

Tot Ion:168 Resp: 718062

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

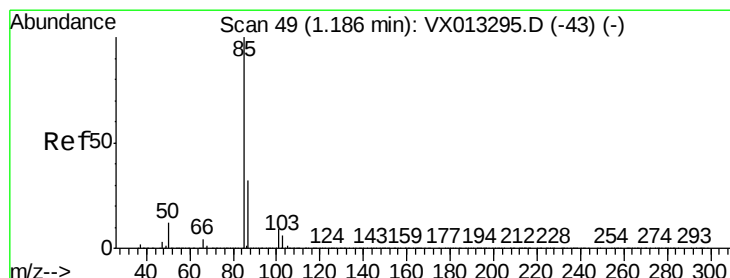
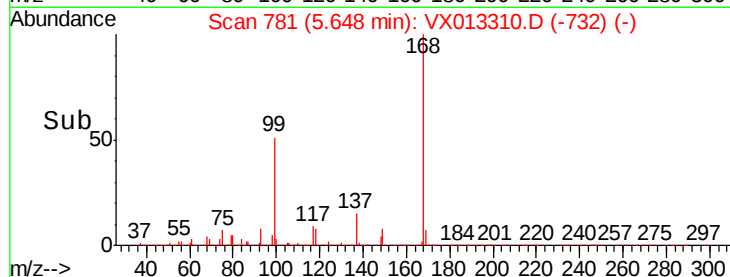
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.658 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013310.D

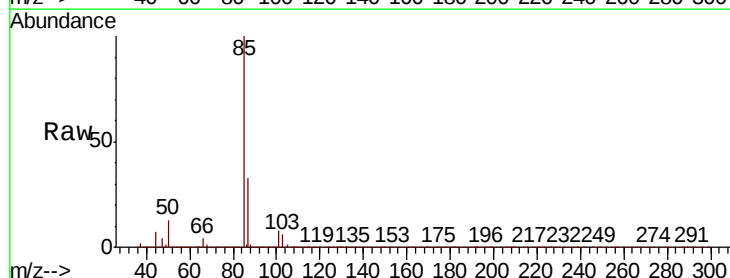
Acq: 01 Nov 2019 14:44

Tgt Ion: 85 Resp: 179186

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

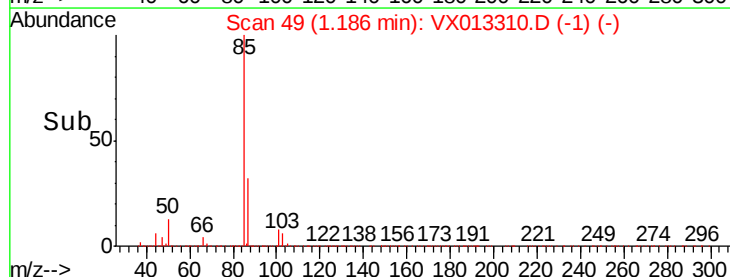
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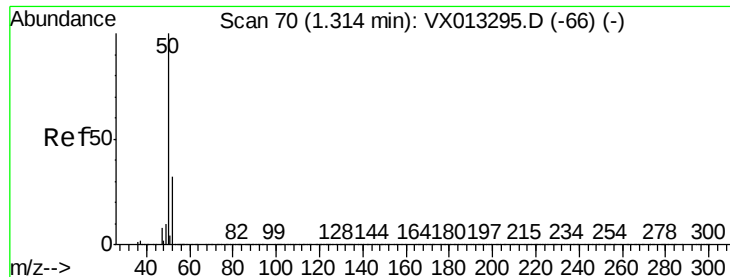
100000

50000

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Time-->





#3

Chloromethane

Concen: 21.863 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

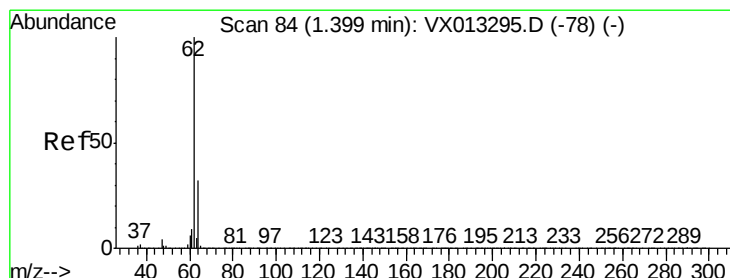
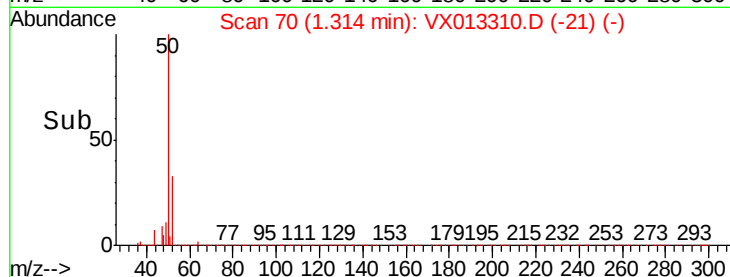
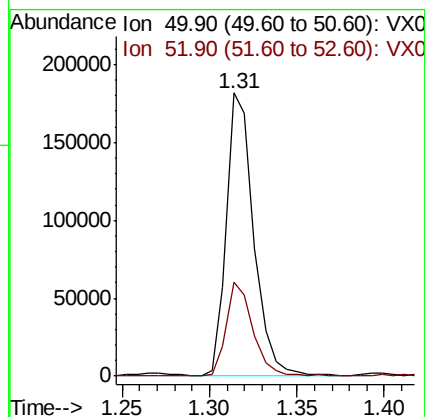
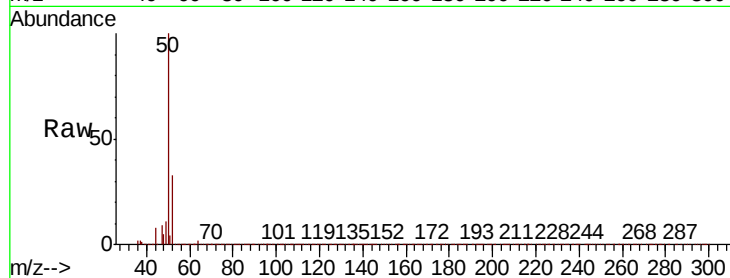
ClientSampleId :

Tot Ion: 50 Resp: 196153

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 21.934 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013310.D

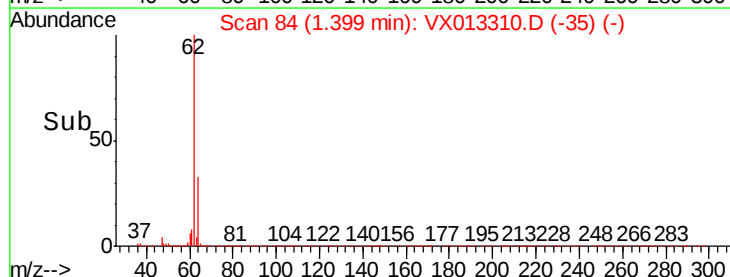
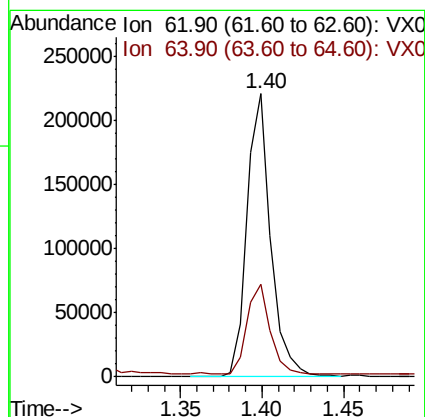
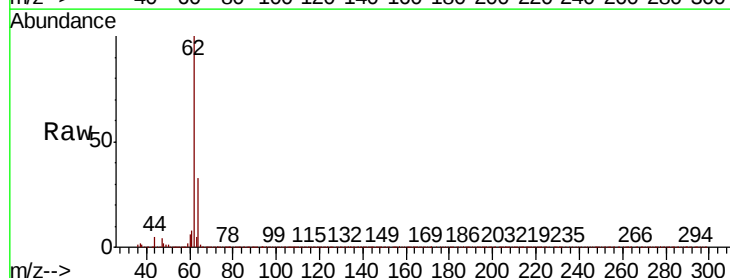
Acq: 01 Nov 2019 14:44

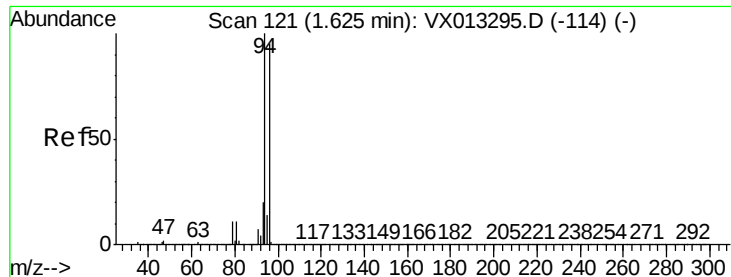
Tgt Ion: 62 Resp: 224041

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 19.041 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

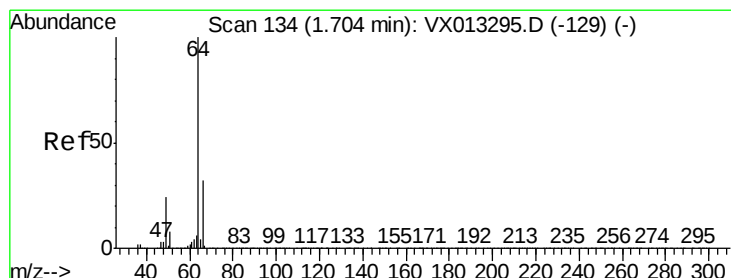
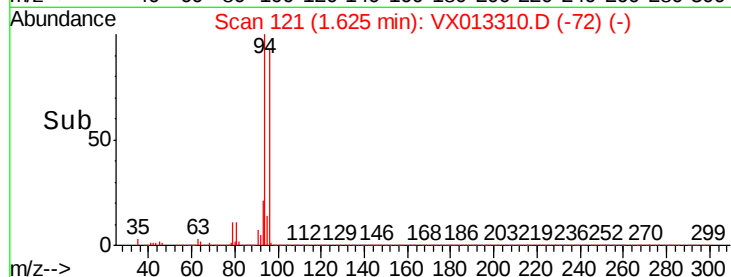
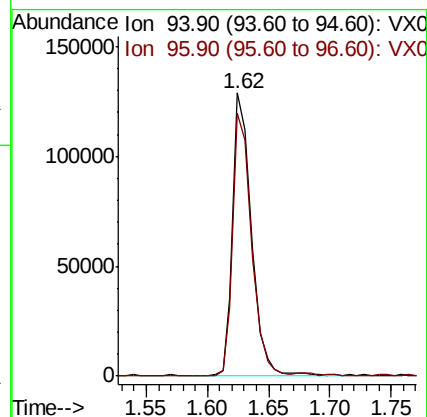
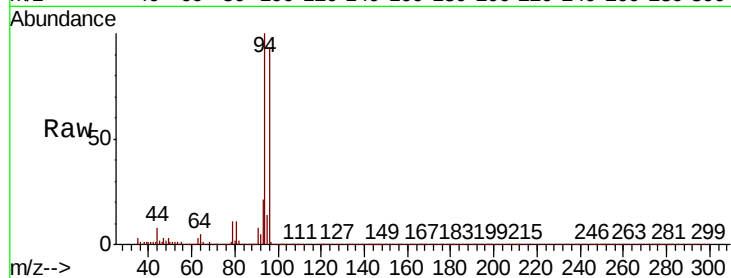
ClientSampled :

Tot Ion: 94 Resp: 135536

Ion Ratio Lower Upper

94 100

96 92.8 75.8 113.8



#6

Chloroethane

Concen: 20.858 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013310.D

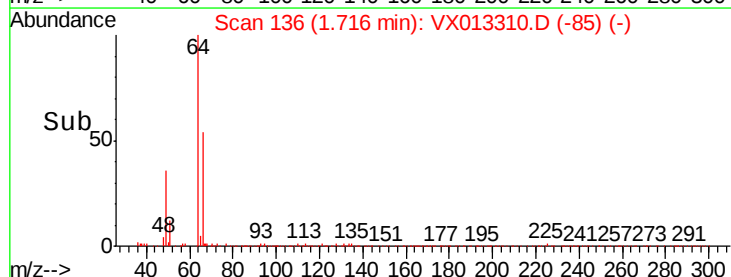
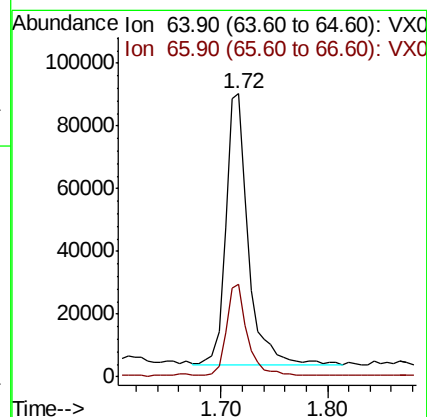
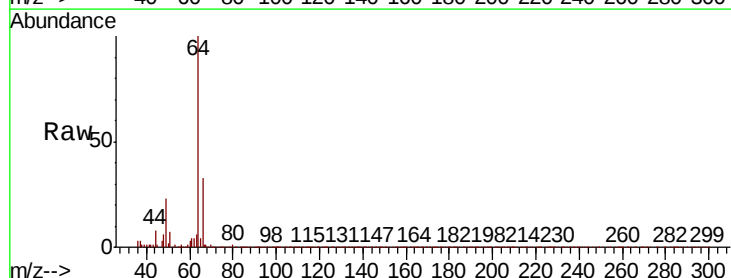
Acq: 01 Nov 2019 14:44

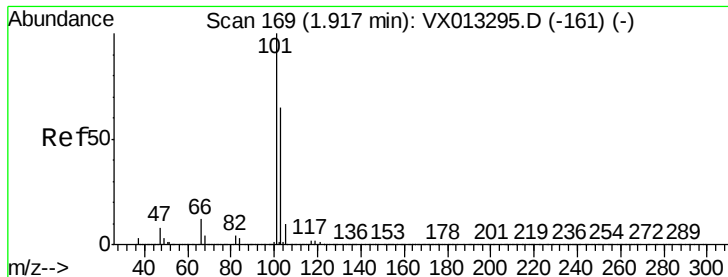
Tgt Ion: 64 Resp: 125842

Ion Ratio Lower Upper

64 100

66 33.6 25.6 38.4



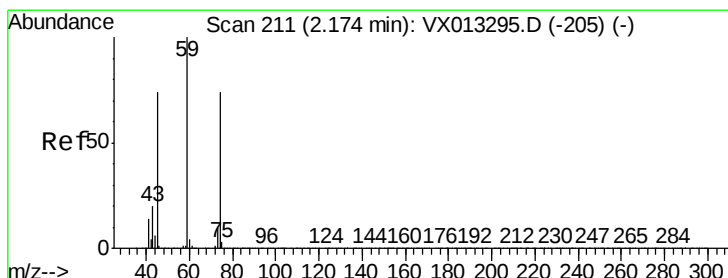
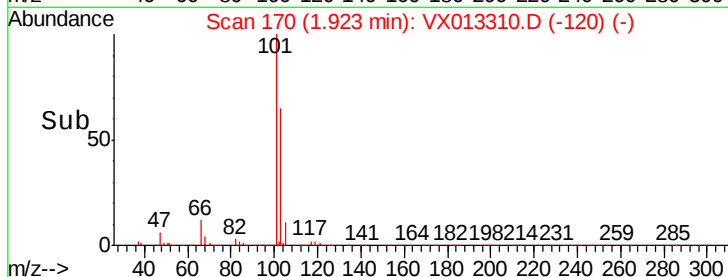
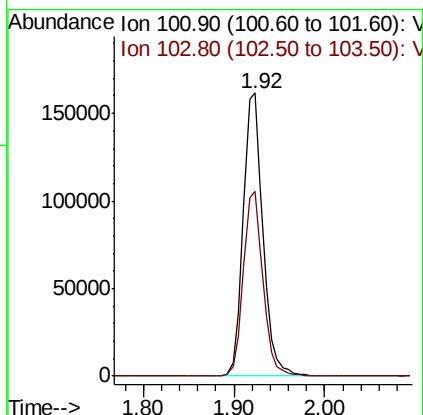
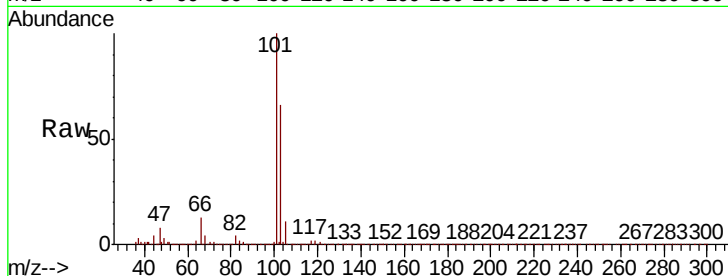


#7

Trichlorofluoromethane
Concen: 20.216 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :

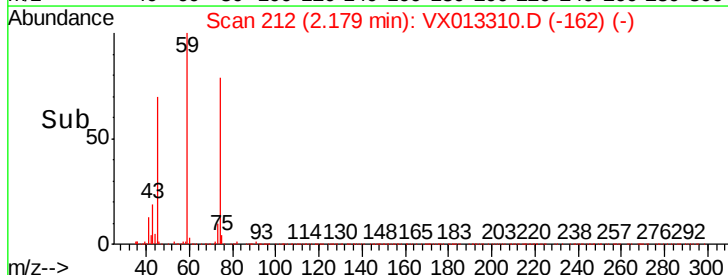
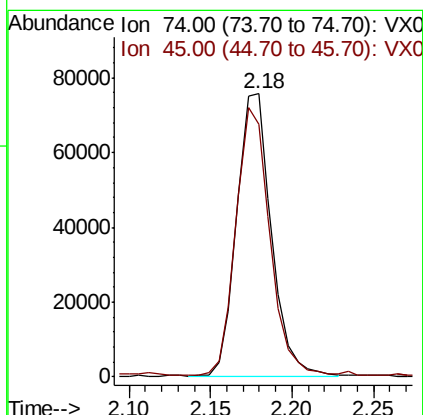
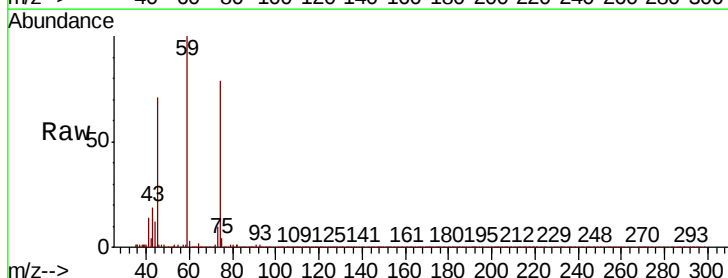
Tot Ion:101 Resp: 243961
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

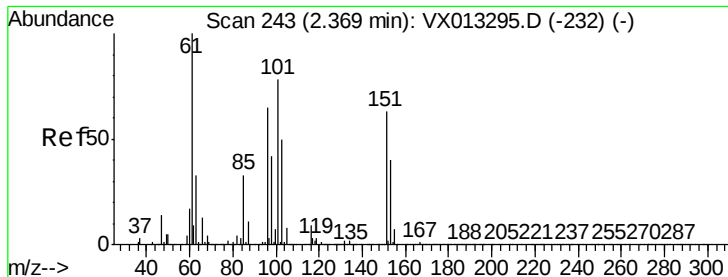


#8

Diethyl Ether
Concen: 21.174 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 74 Resp: 112995
Ion Ratio Lower Upper
74 100
45 91.4 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.617 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

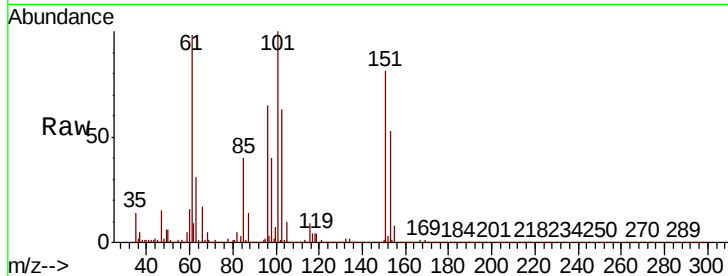
Tot Ion:101 Resp: 138674

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

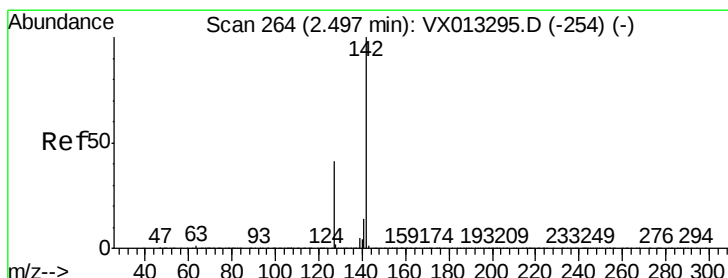
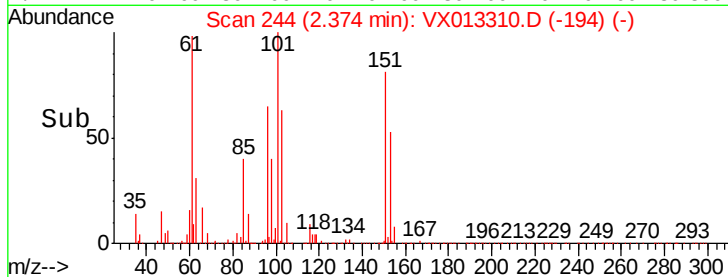
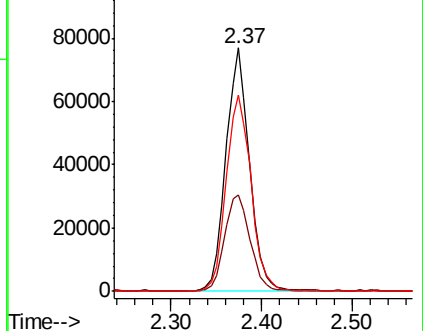
151 85.4 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.450 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

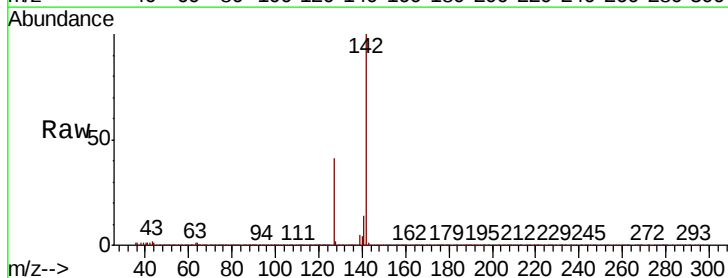
Tgt Ion:142 Resp: 170298

Ion Ratio Lower Upper

142 100

127 39.6 32.6 49.0

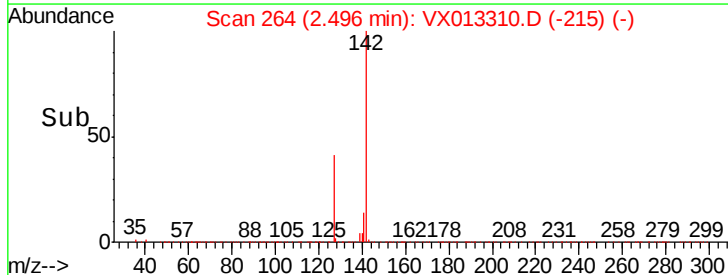
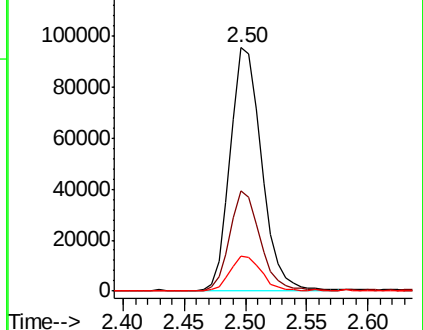
141 14.0 11.6 17.4

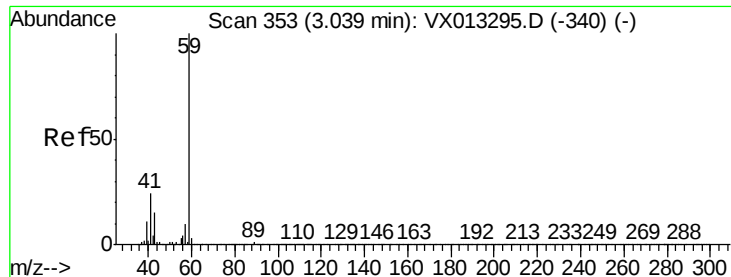


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



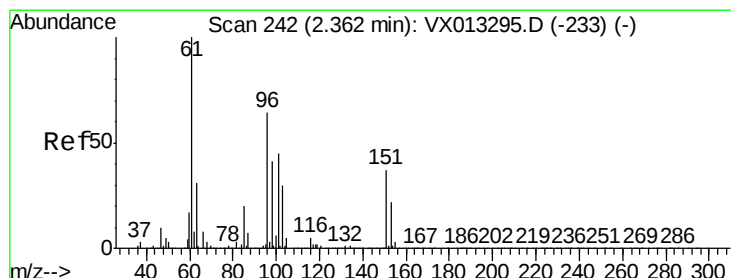
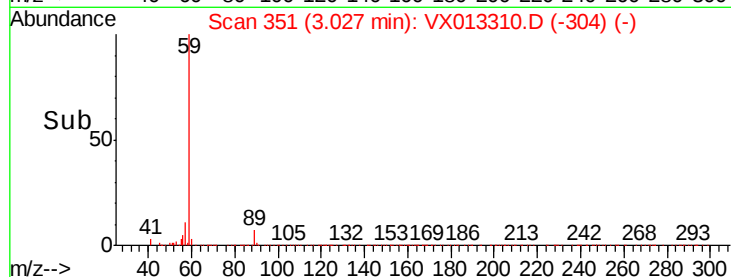
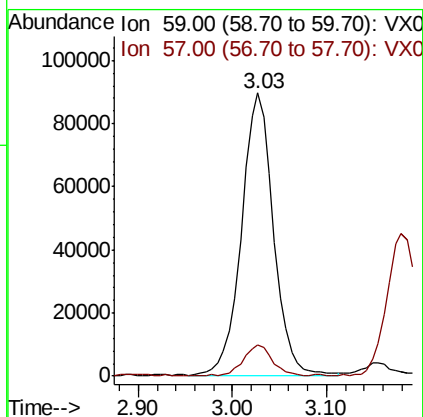
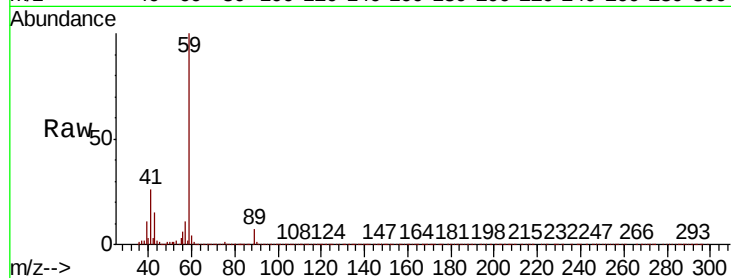


#11

Tert butyl alcohol
 Concen: 94.580 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampled :

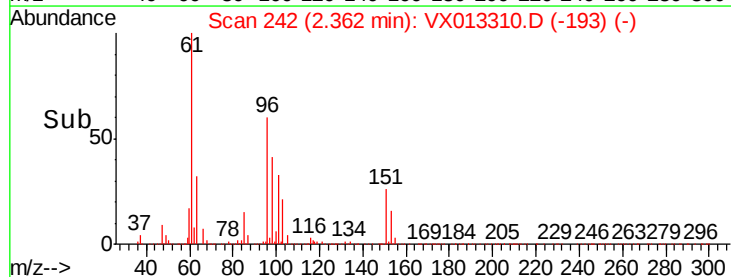
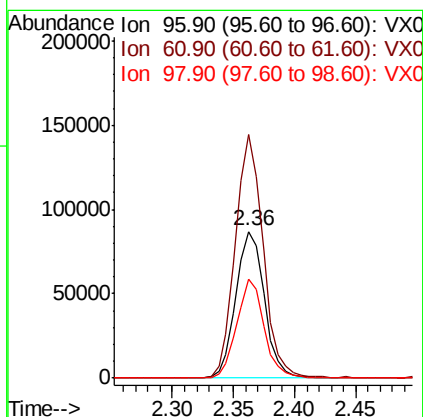
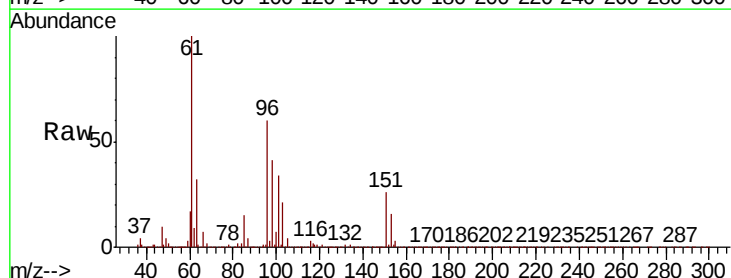
Tot Ion: 59 Resp: 212065
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.0 12.0

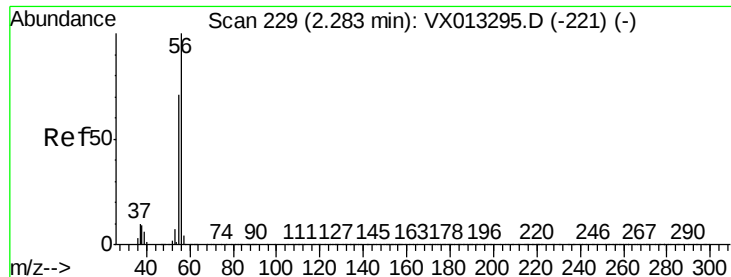


#12

1,1-Dichloroethene
 Concen: 21.028 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion: 96 Resp: 138507
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.0 187.6
 98 67.4 50.7 76.1





#13

Acrolein

Concen: 89.930 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

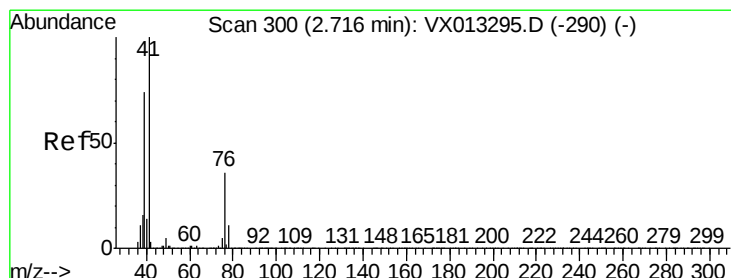
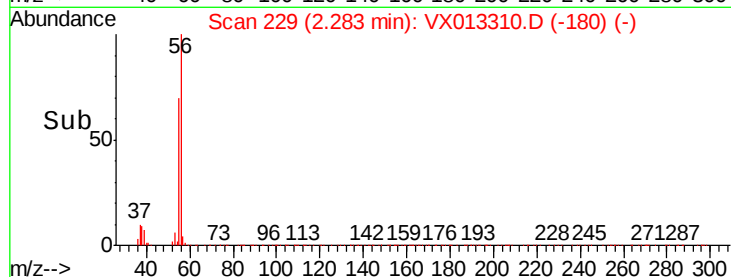
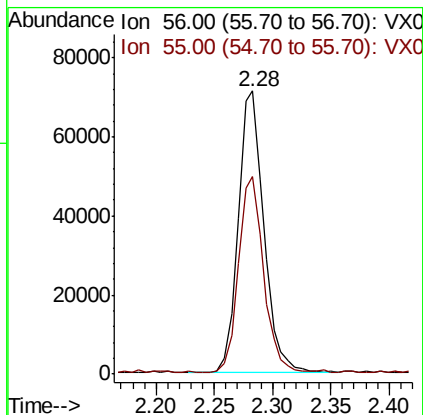
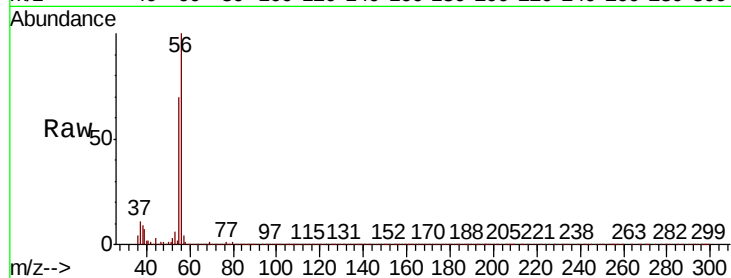
ClientSampleId :

Tot Ion: 56 Resp: 109282

Ion Ratio Lower Upper

56 100

55 68.5 57.4 86.0



#14

Allyl chloride

Concen: 20.545 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

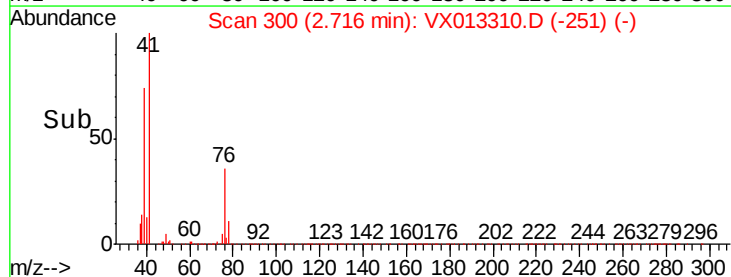
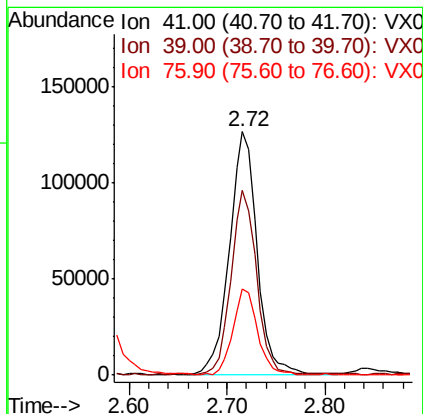
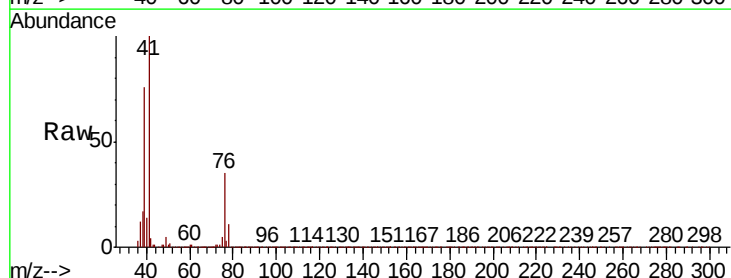
Tgt Ion: 41 Resp: 245874

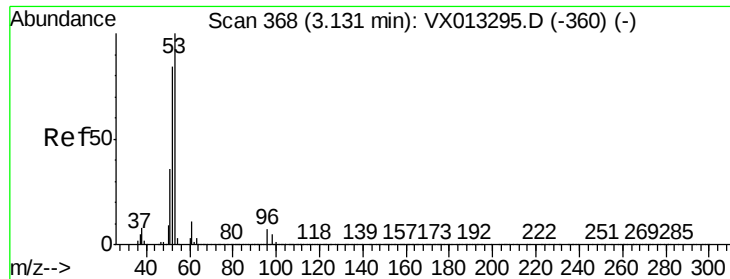
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.8

76 31.5 26.4 39.6





#15

Acrylonitrile

Concen: 103.341 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

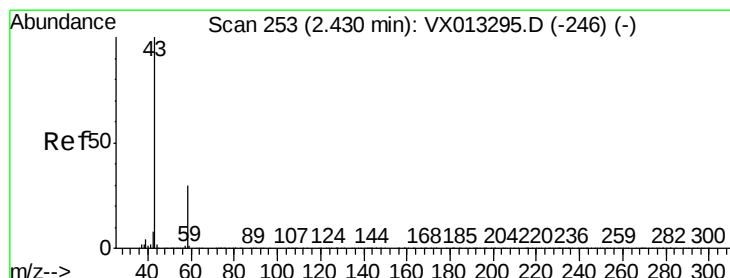
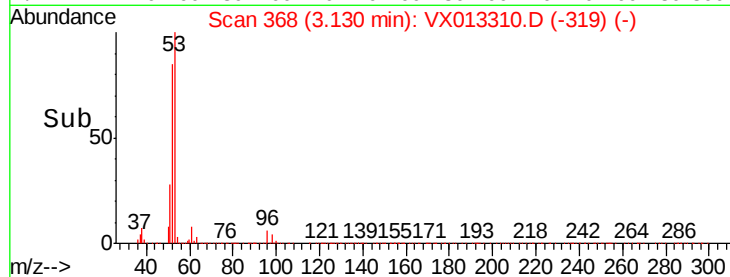
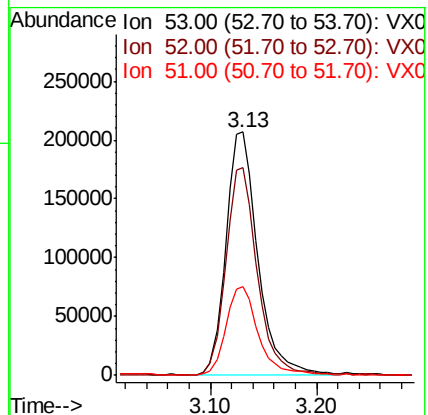
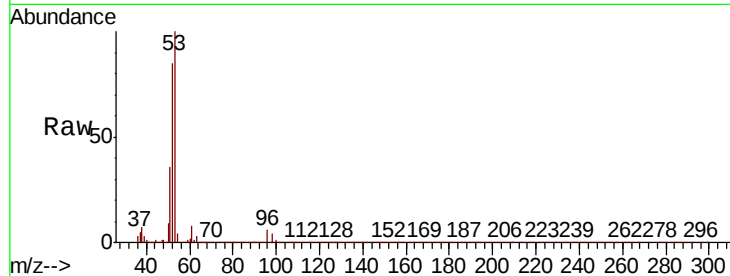
Tot Ion: 53 Resp: 432823

Ion Ratio Lower Upper

53 100

52 84.0 67.4 101.0

51 37.7 29.4 44.2



#16

Acetone

Concen: 96.746 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013310.D

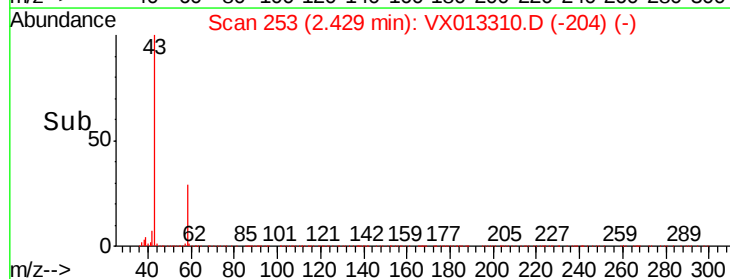
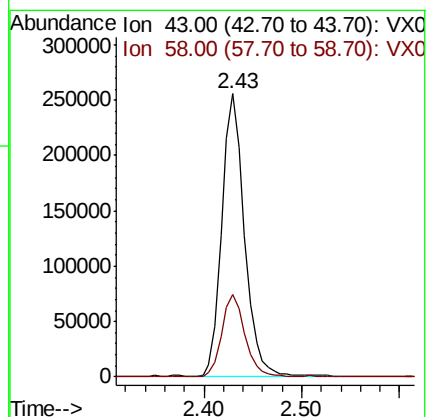
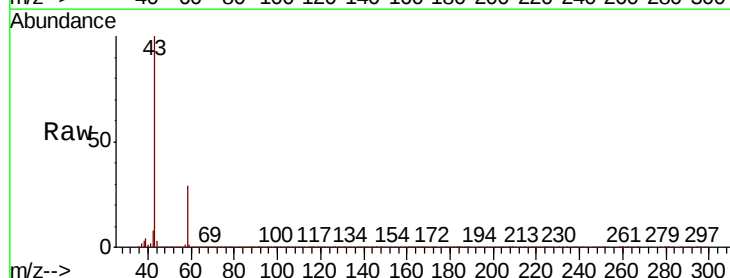
Acq: 01 Nov 2019 14:44

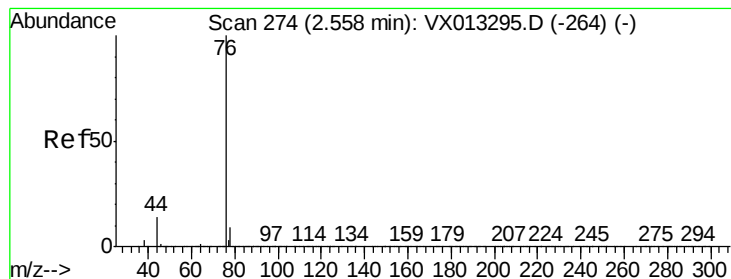
Tgt Ion: 43 Resp: 410505

Ion Ratio Lower Upper

43 100

58 29.1 24.3 36.5





#17

Carbon Disulfide

Concen: 20.690 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

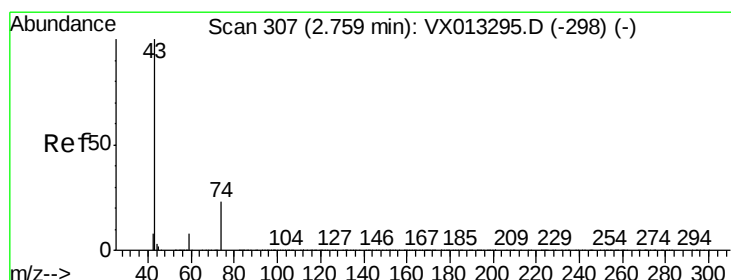
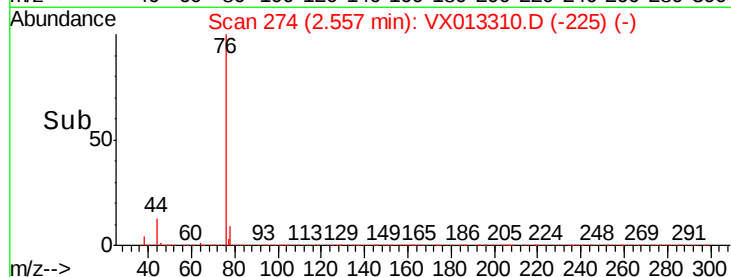
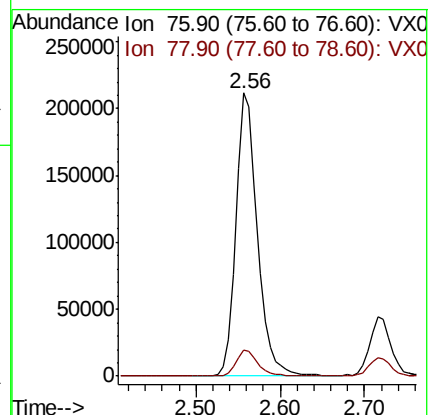
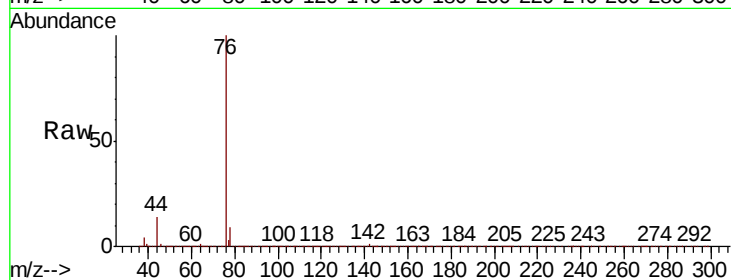
ClientSampleId :

Tot Ion: 76 Resp: 364750

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 20.784 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013310.D

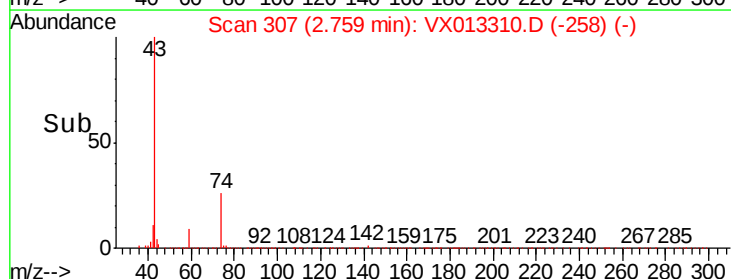
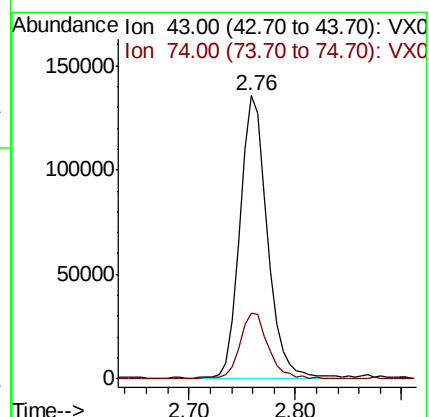
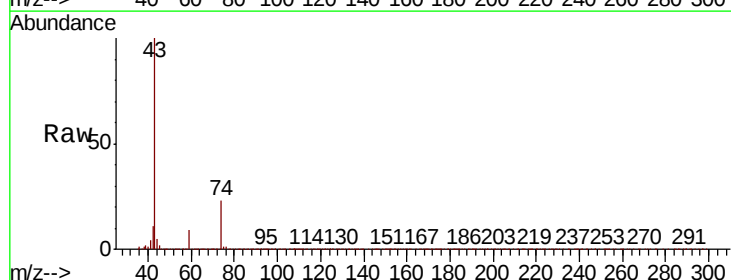
Acq: 01 Nov 2019 14:44

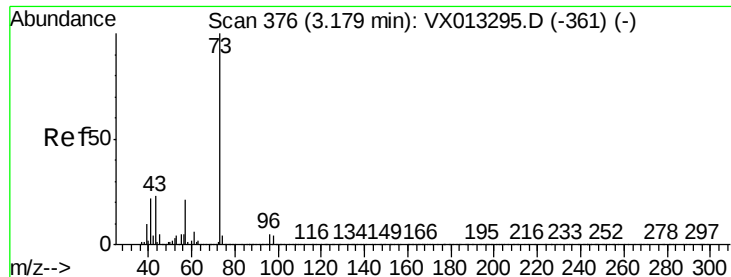
Tgt Ion: 43 Resp: 243467

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6

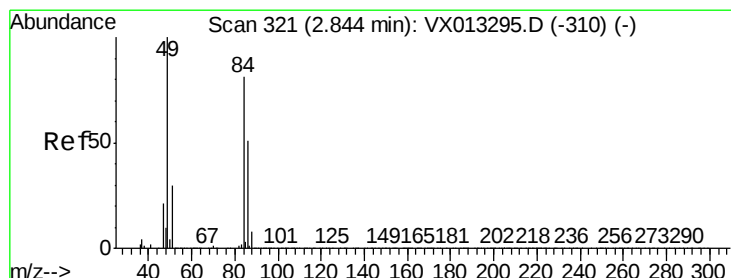
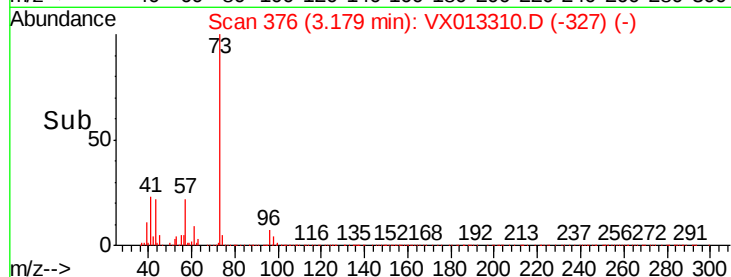
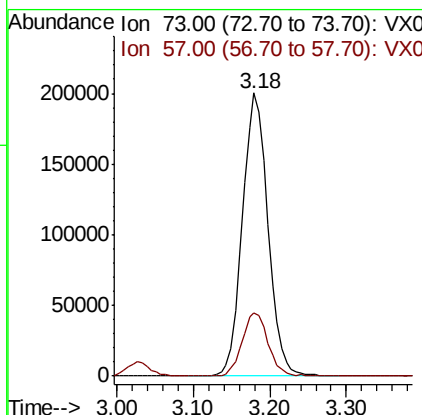
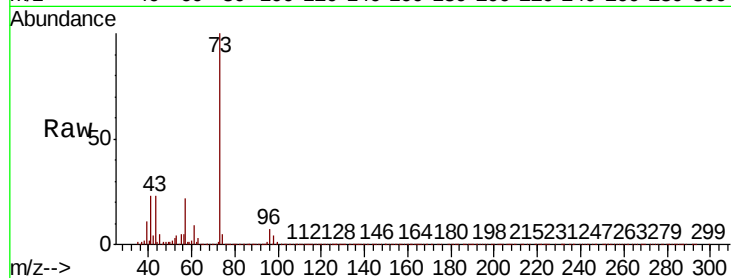




#19
Methyl tert-butyl Ether
Concen: 21.047 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

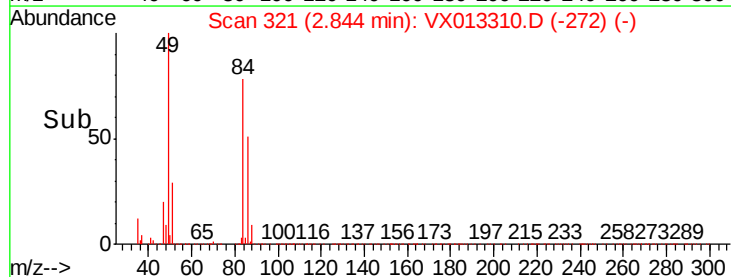
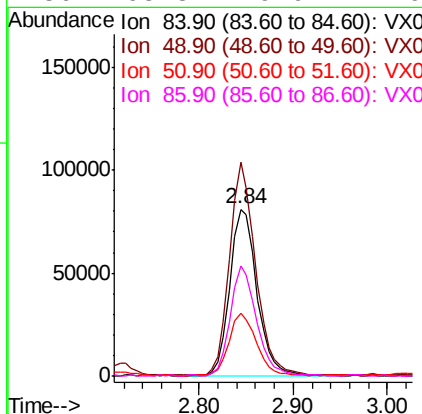
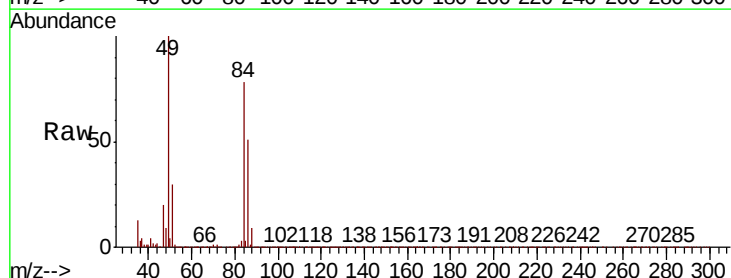
Instrument :
MSVOA_X
ClientSampleId :

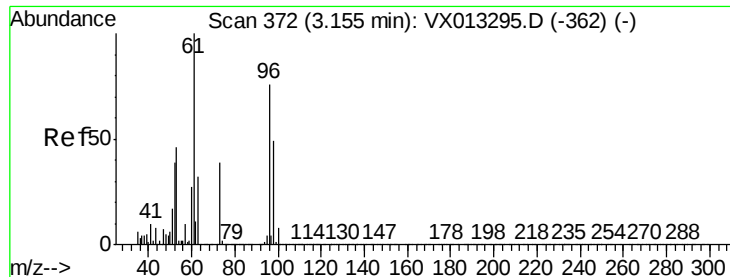
Tot Ion: 73 Resp: 462384
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.677 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 84 Resp: 162099
Ion Ratio Lower Upper
84 100
49 128.0 98.2 147.4
51 37.6 29.9 44.9
86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.997 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :

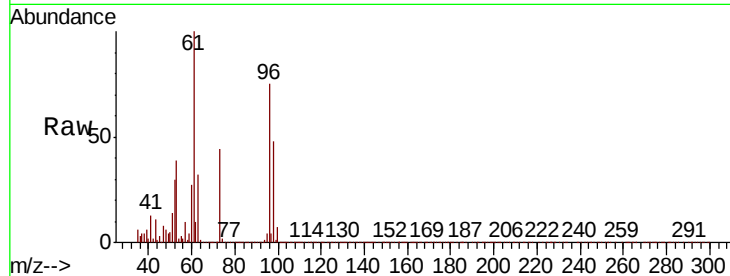
Tot Ion: 96 Resp: 150581

Ion Ratio Lower Upper

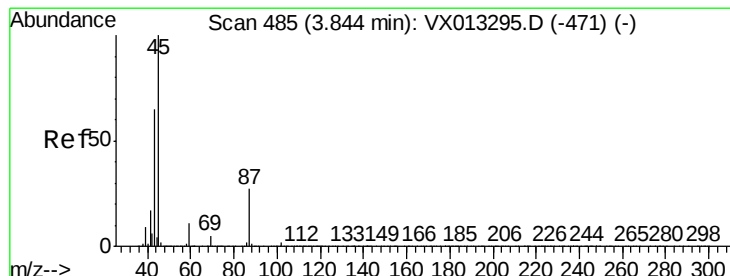
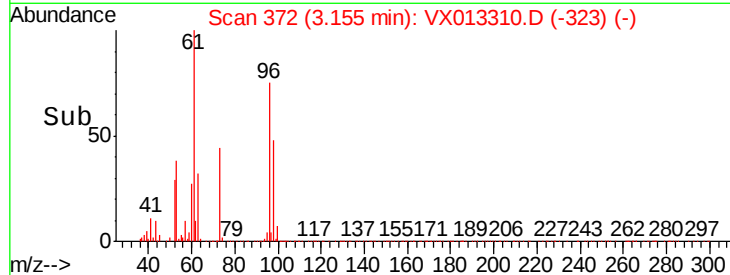
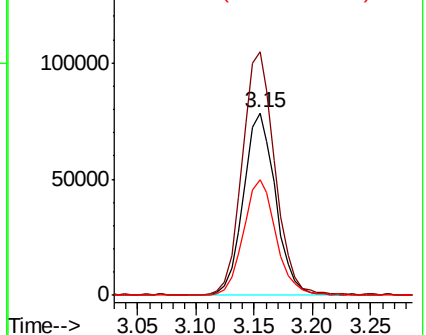
96 100

61 133.5 105.8 158.6

98 63.6 51.8 77.6



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



#22

Diisopropyl ether

Concen: 21.715 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion: 45 Resp: 501727

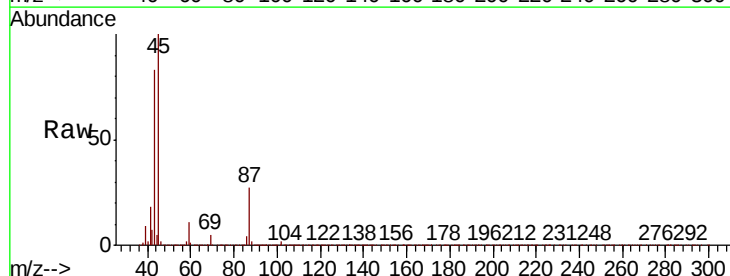
Ion Ratio Lower Upper

45 100

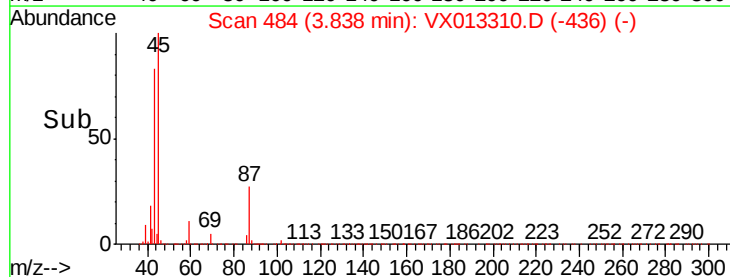
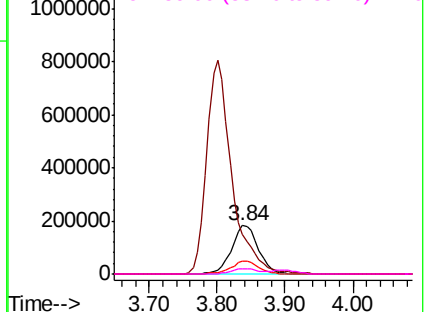
43 82.7 54.2 81.2#

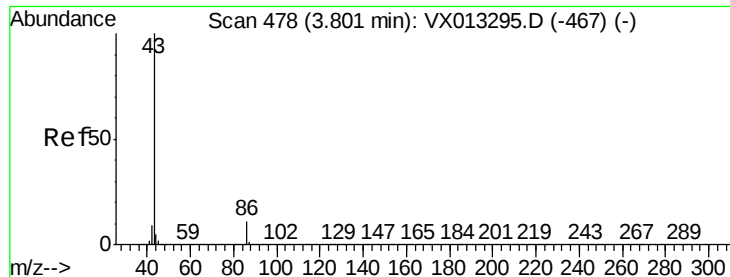
87 26.6 21.8 32.8

59 11.0 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.675 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

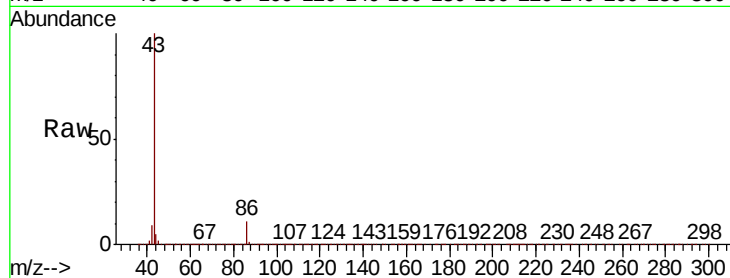
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2069525

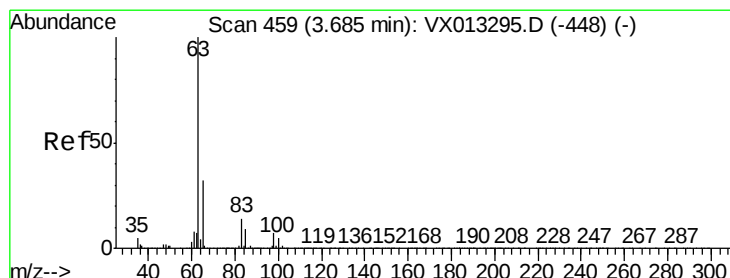
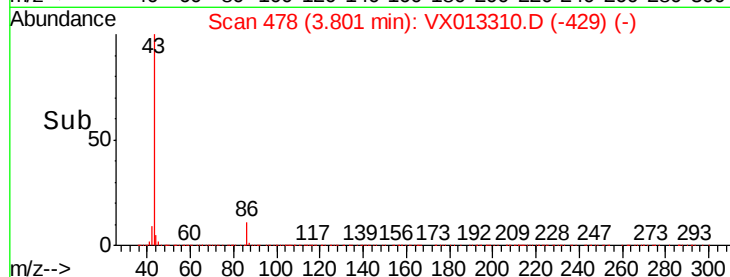
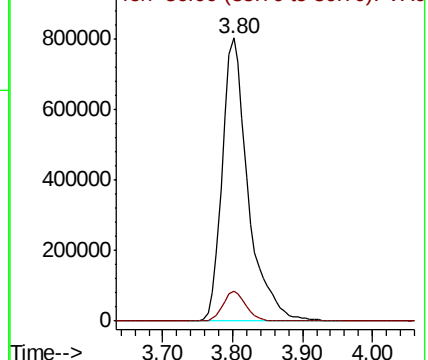
Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.274 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

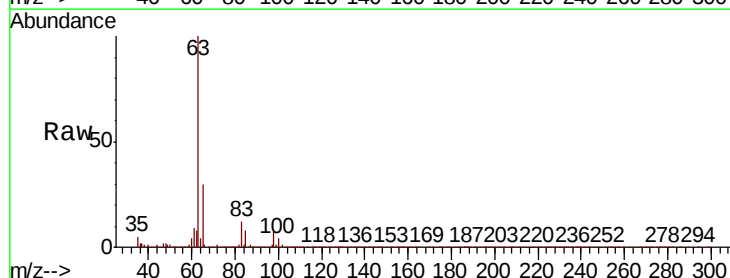
Tgt Ion: 63 Resp: 274966

Ion Ratio Lower Upper

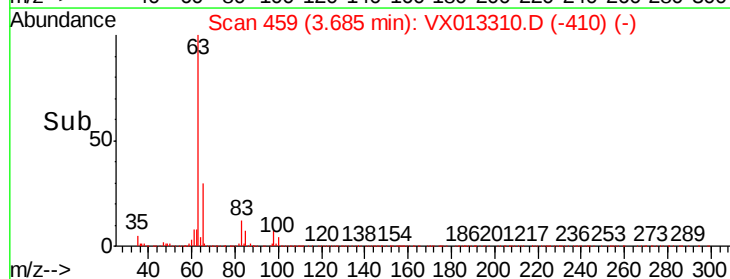
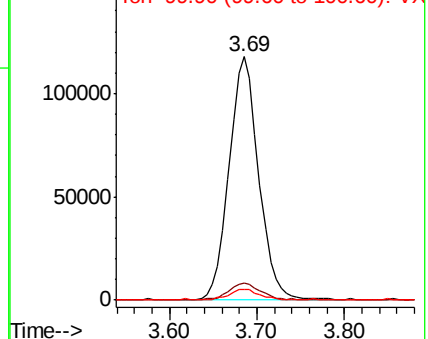
63 100

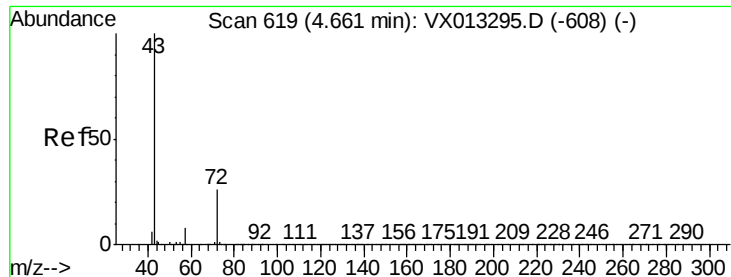
98 6.7 3.5 10.4

100 4.3 2.4 7.2



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

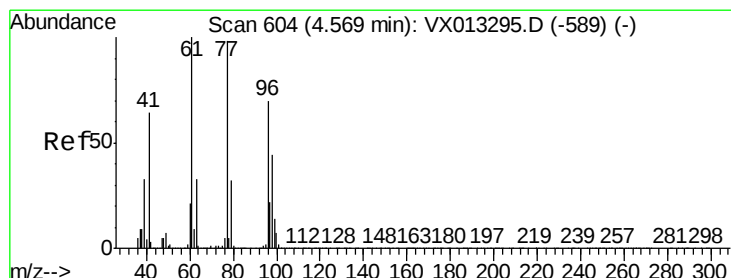
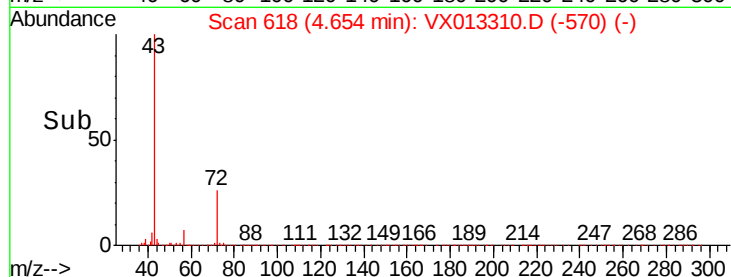
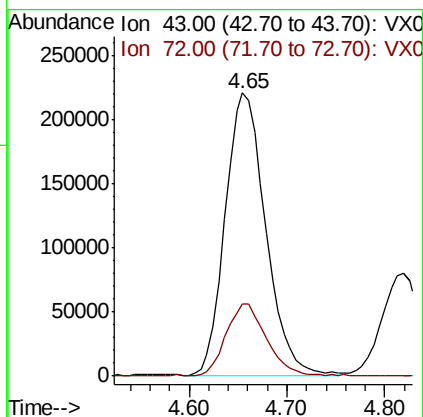
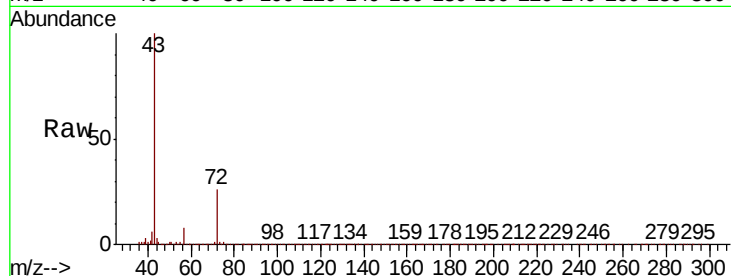




#25
2-Butanone
Concen: 101.304 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

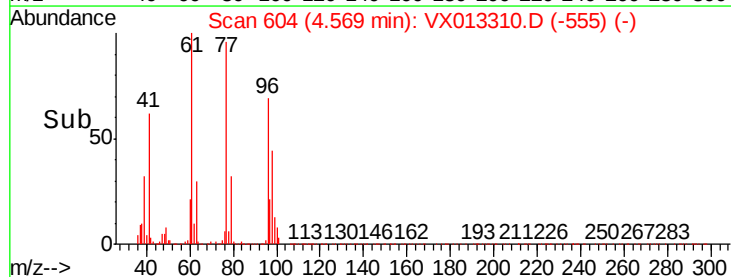
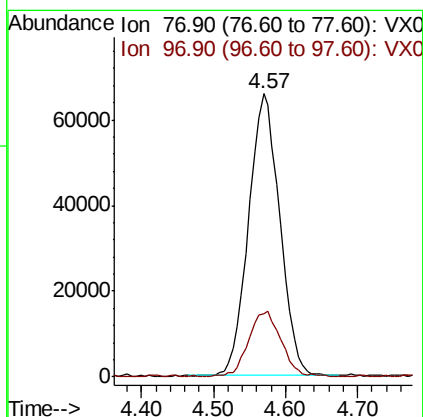
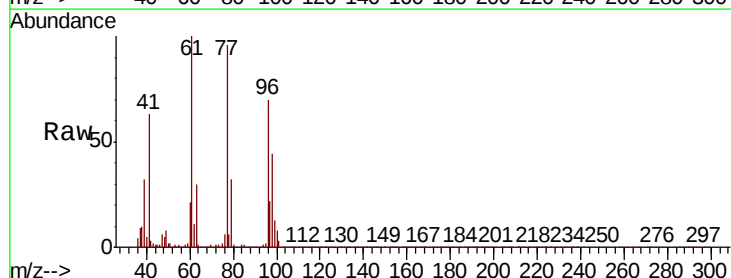
Instrument :
MSVOA_X
ClientSampleId :

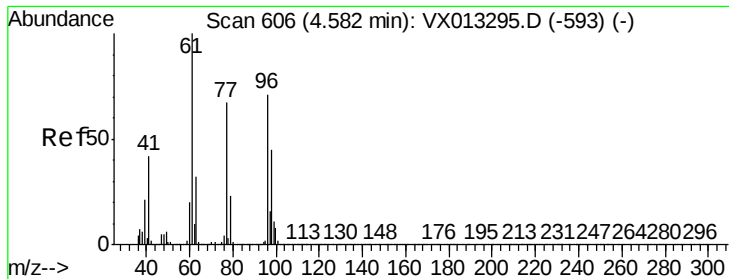
Tot Ion: 43 Resp: 630591
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 19.303 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 77 Resp: 198477
Ion Ratio Lower Upper
77 100
97 24.8 11.3 33.8



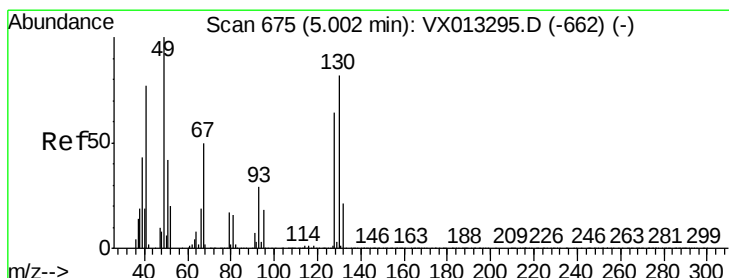
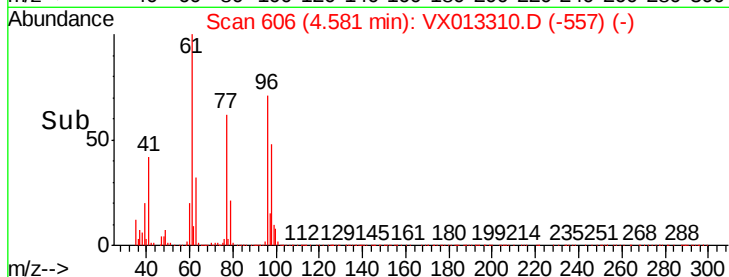
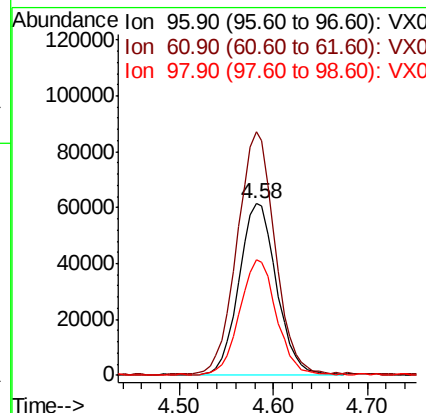
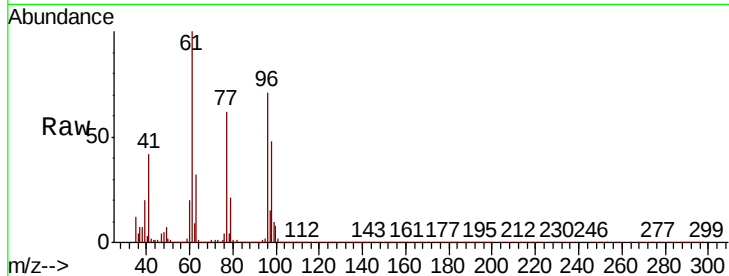


#27

cis-1,2-Dichloroethene
Concen: 21.158 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampled :

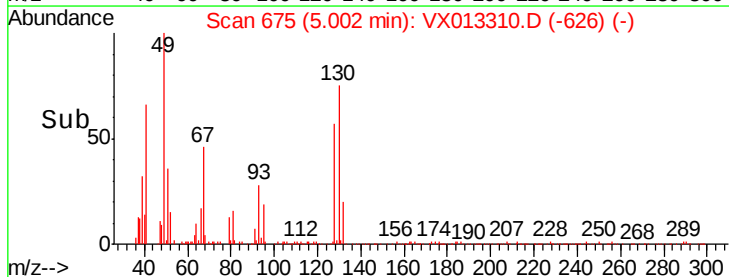
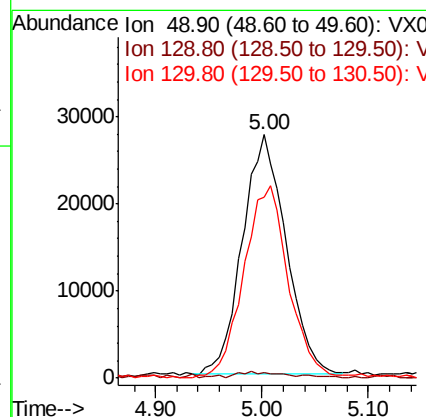
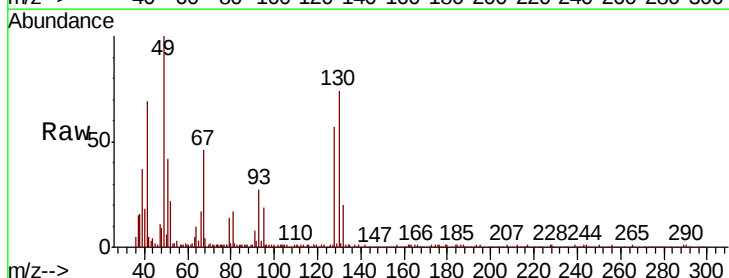
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	288.0
98	66.6	0.0	129.6

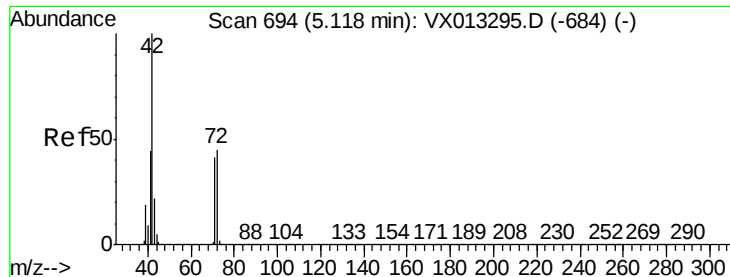


#28

Bromochloromethane
Concen: 21.521 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	82.1	63.8	95.6





#29

Tetrahydrofuran

Concen: 103.768 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

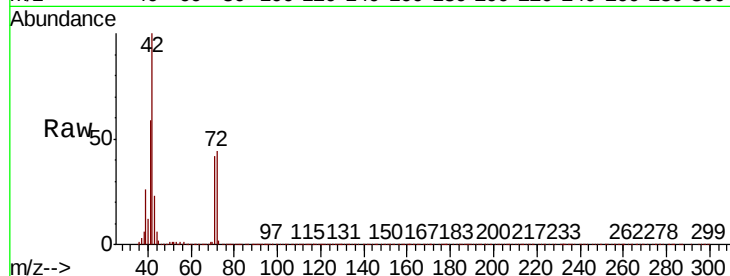
Tot Ion: 42 Resp: 398048

Ion Ratio Lower Upper

42 100

72 44.8 35.8 53.8

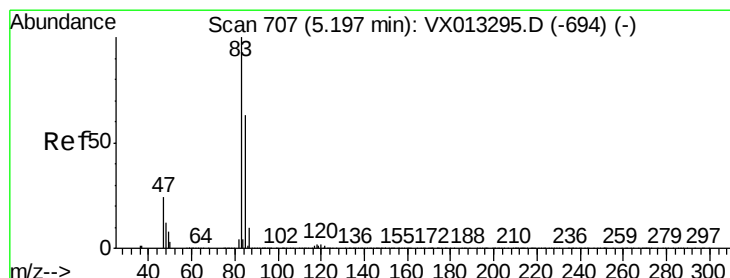
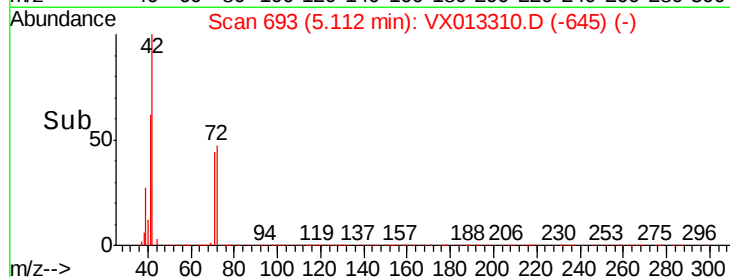
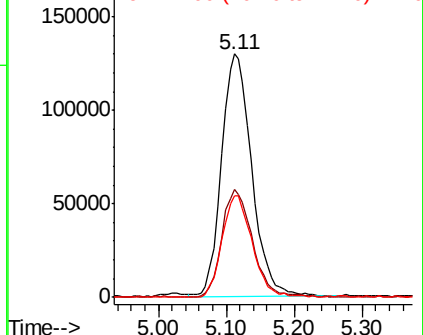
71 42.1 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.181 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013310.D

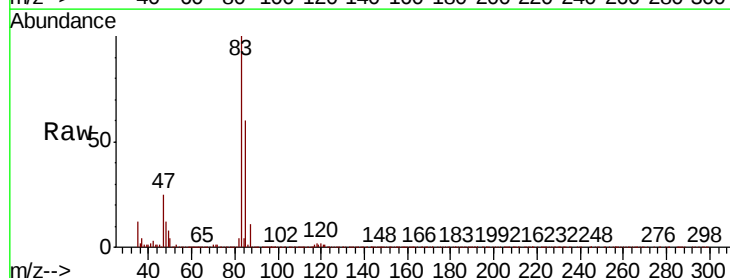
Acq: 01 Nov 2019 14:44

Tgt Ion: 83 Resp: 270326

Ion Ratio Lower Upper

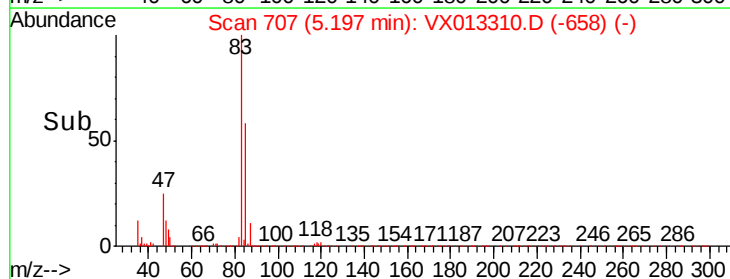
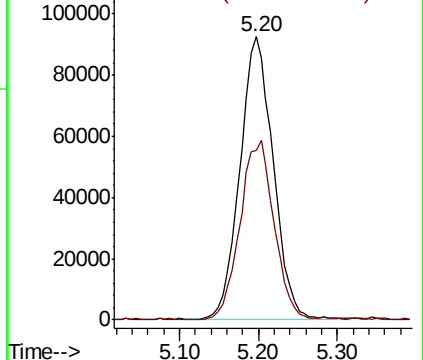
83 100

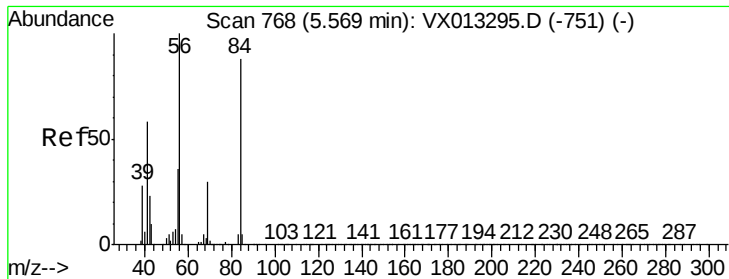
85 59.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

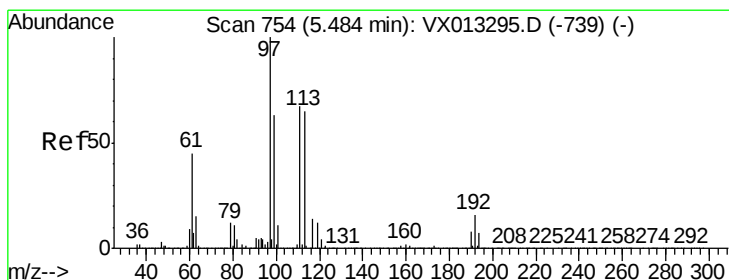
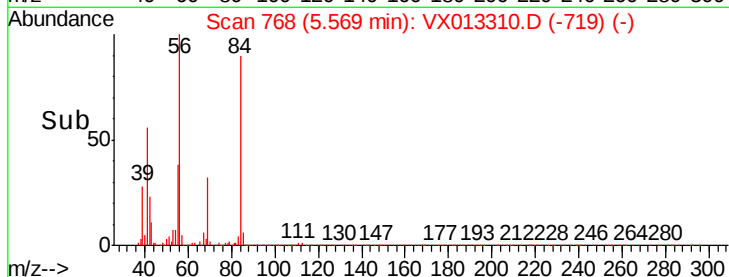
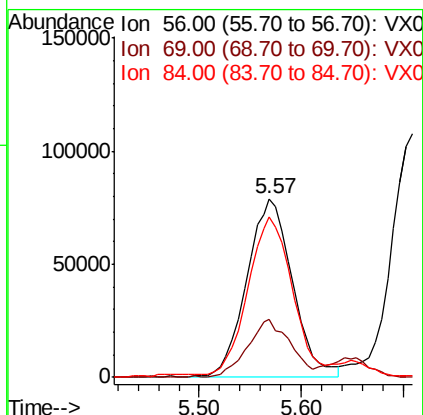
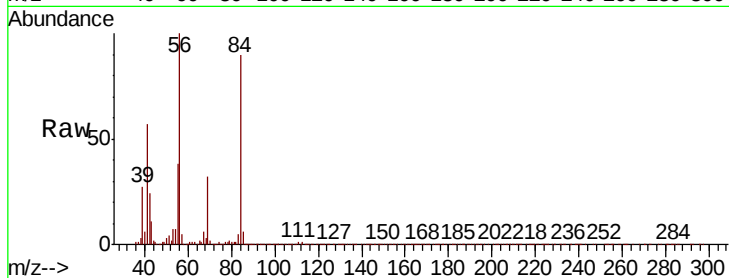




#31
Cyclohexane
Concen: 20.920 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

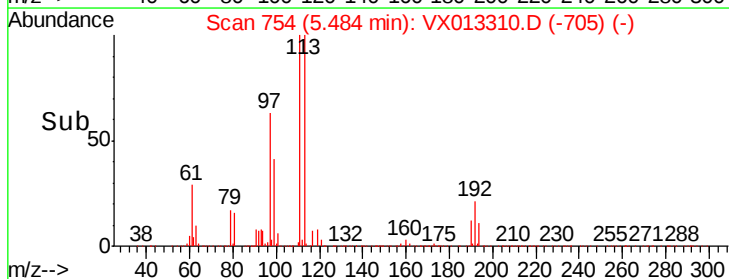
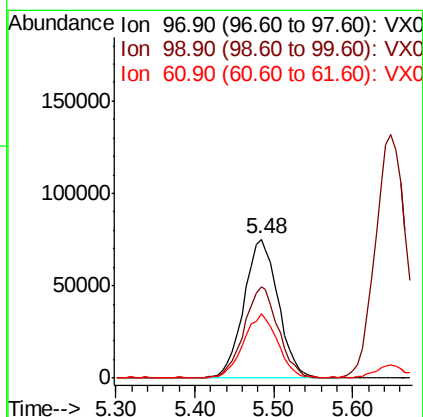
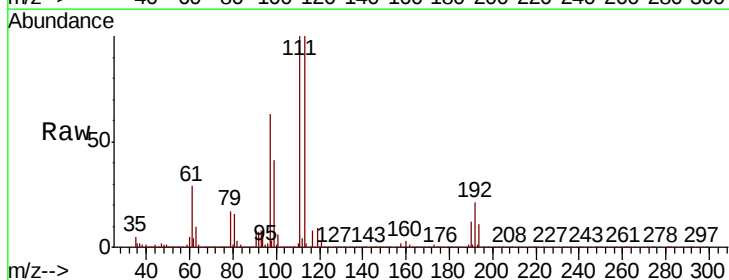
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 243312
Ion Ratio Lower Upper
56 100
69 32.0 23.7 35.5
84 88.8 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 20.651 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 97 Resp: 226825
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 45.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.516 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

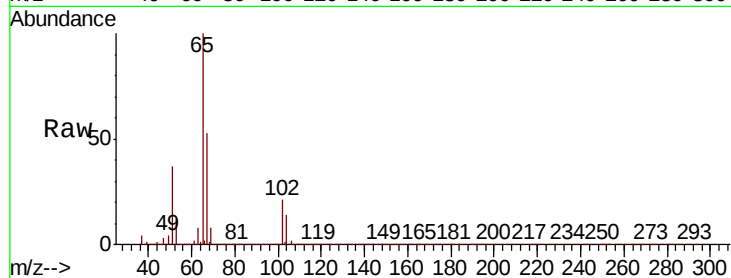
ClientSampleId :

Tot Ion: 65 Resp: 421226

Ion Ratio Lower Upper

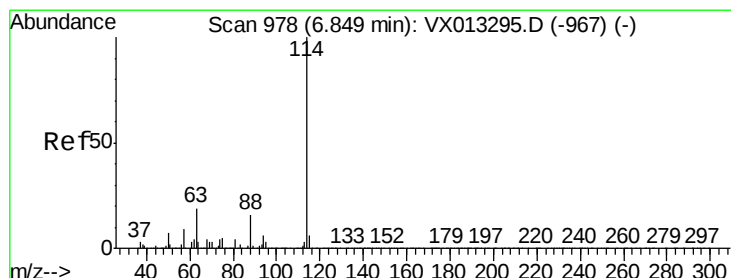
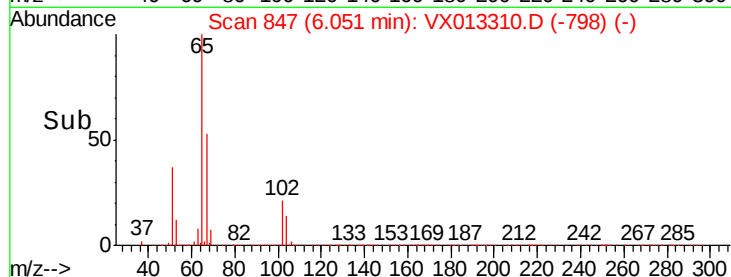
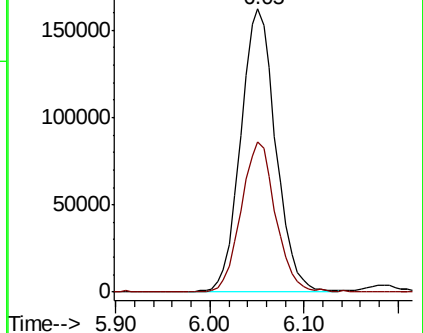
65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

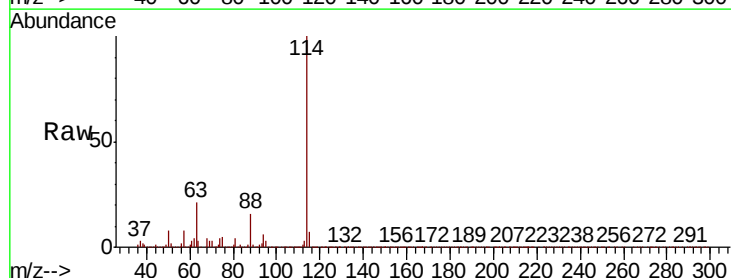
Tgt Ion: 114 Resp: 1094396

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

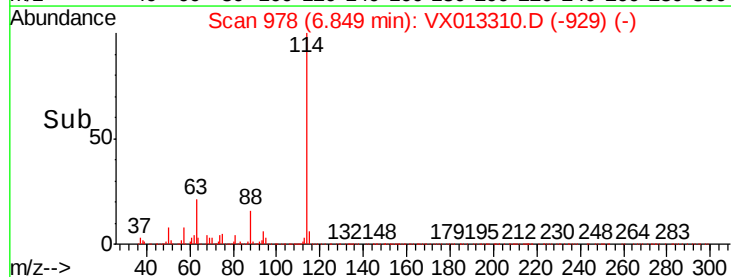
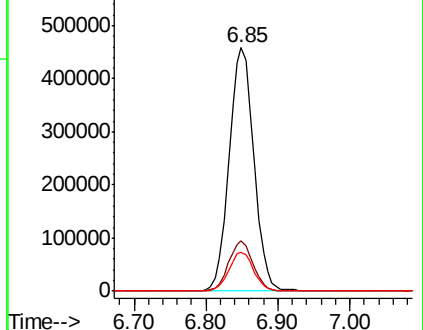
88 15.8 0.0 32.2

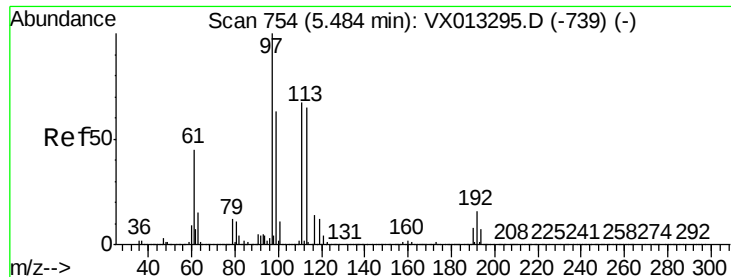


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

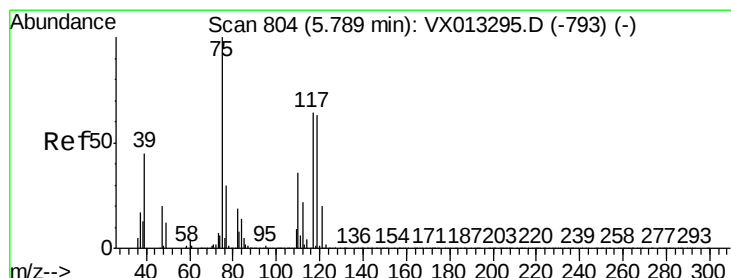
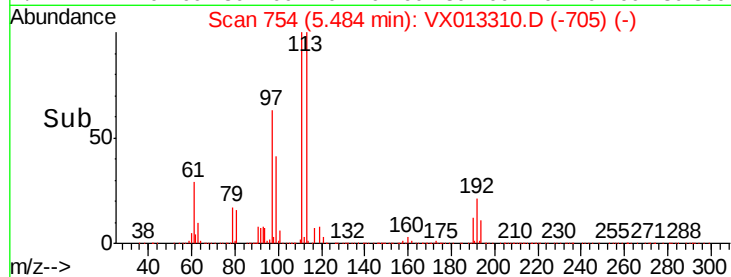
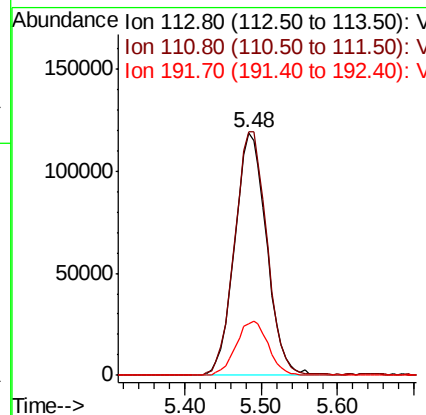
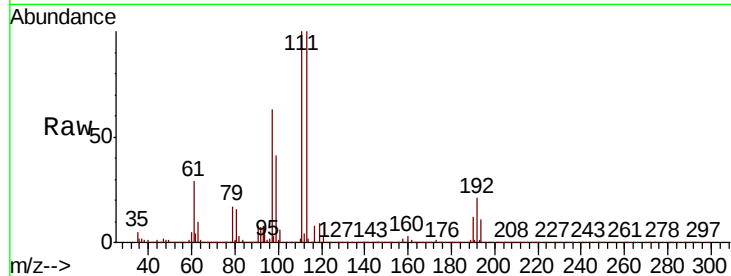




#35
 Dibromofluoromethane
 Concen: 49.657 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

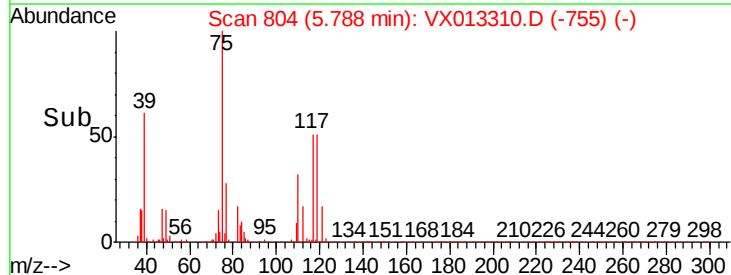
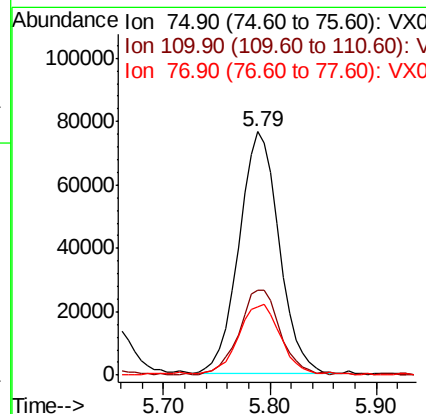
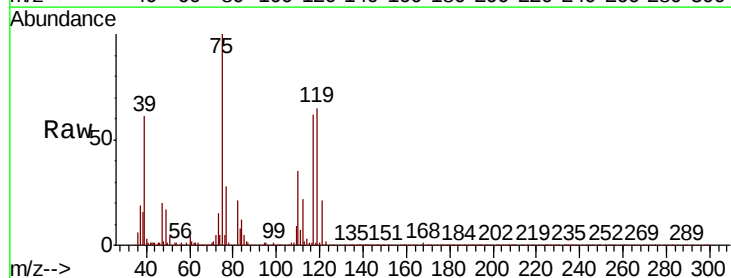
Instrument :
 MSVOA_X
 ClientSampleId :

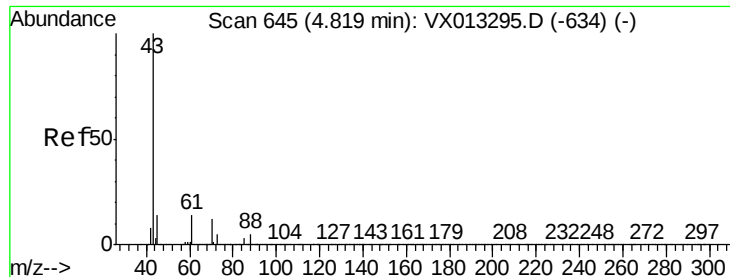
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	22.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 21.432 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	30.4	25.0	37.4

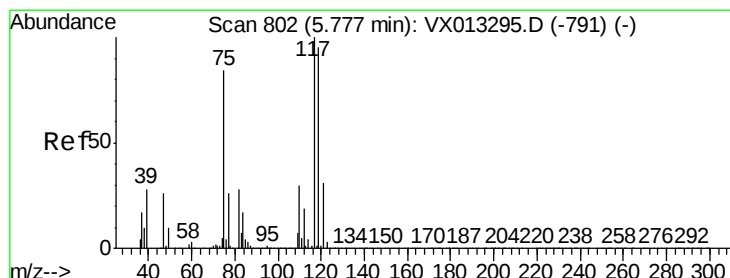
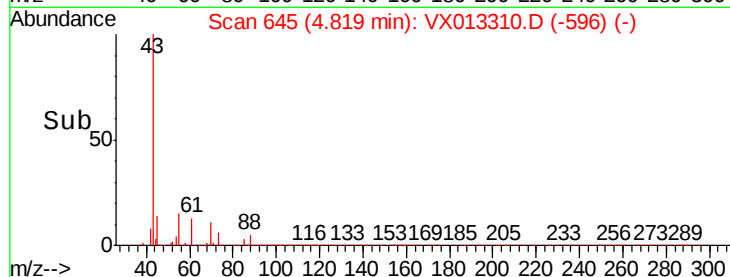
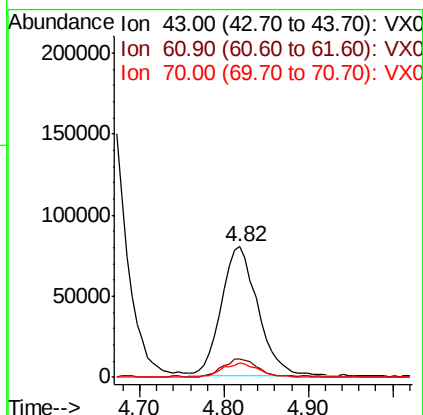
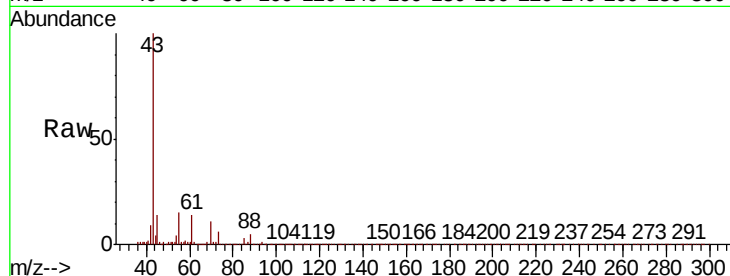




#37
Ethyl Acetate
Concen: 20.321 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

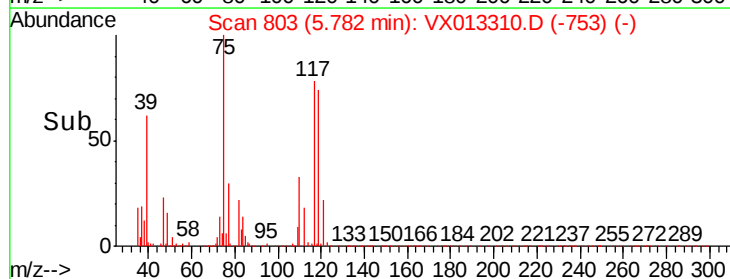
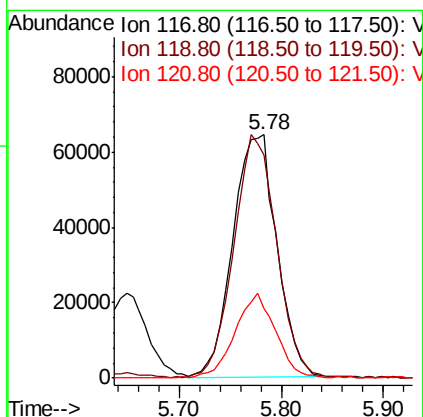
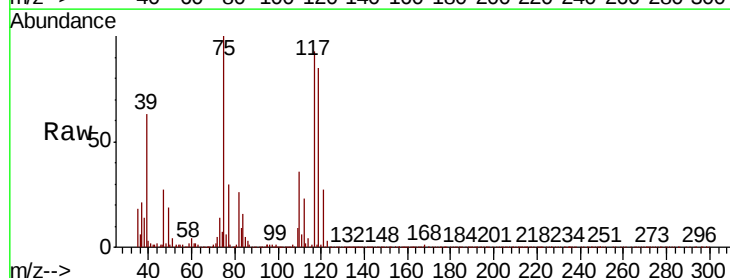
Instrument :
MSVOA_X
ClientSampled :

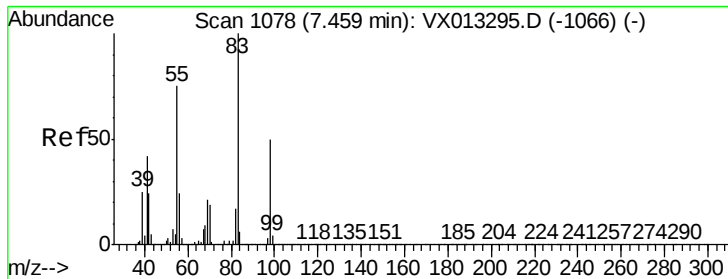
Tot Ion: 43 Resp: 235752
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.028 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 117 Resp: 193059
Ion Ratio Lower Upper
117 100
119 91.5 76.1 114.1
121 28.5 24.6 37.0

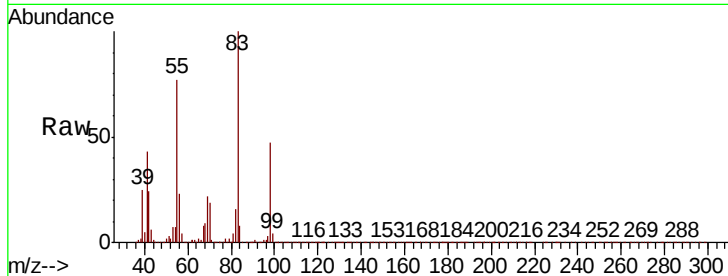




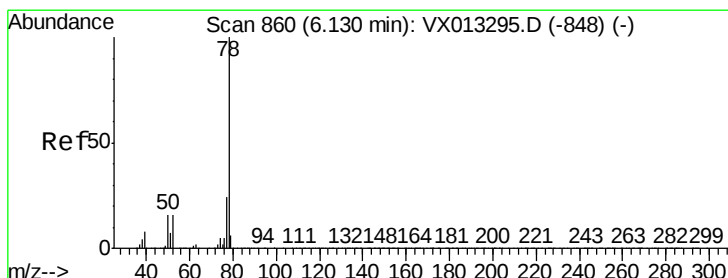
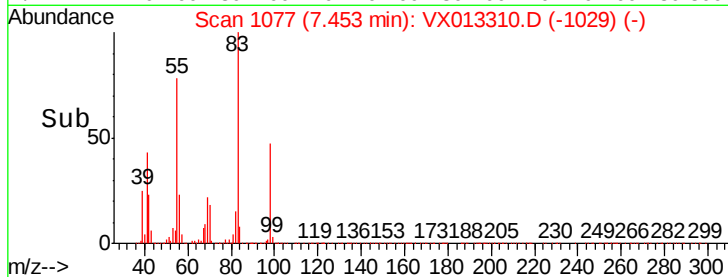
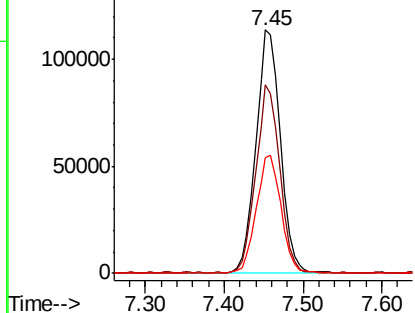
#39
Methvlcvclohexane
Concen: 20.909 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.3	90.5
98	47.1	40.3	60.5

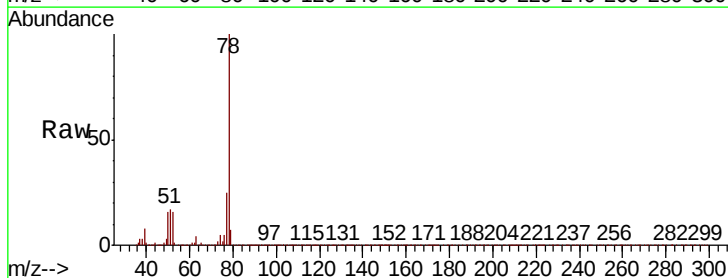


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

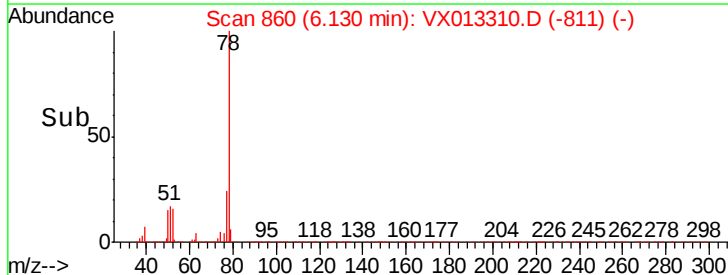
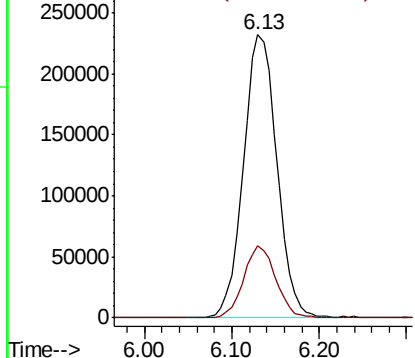


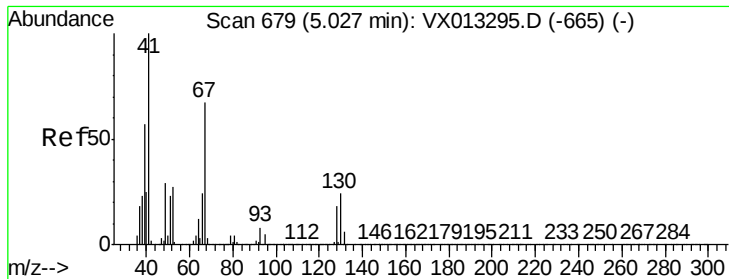
#40
Benzene
Concen: 21.066 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.5	29.3



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





#41

Methacrylonitrile

Concen: 20.085 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 130601

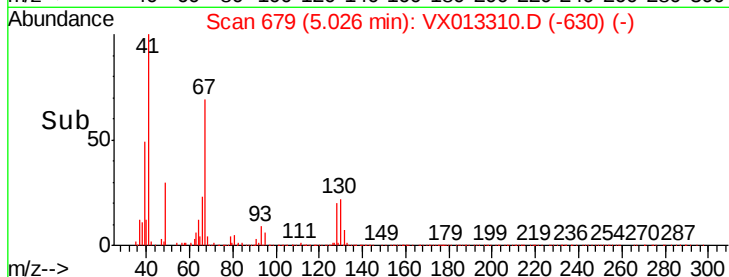
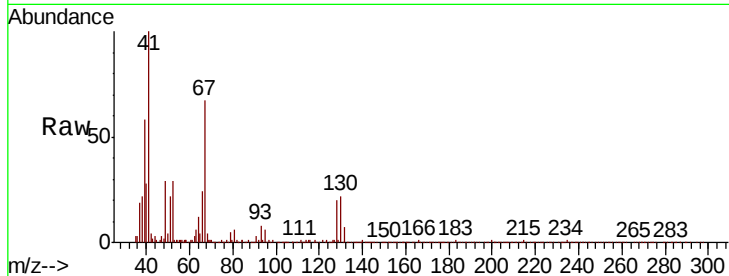
Ion Ratio Lower Upper

41 100

39 57.9 45.0 67.6

67 69.7 55.4 83.2

52 28.5 23.1 34.7

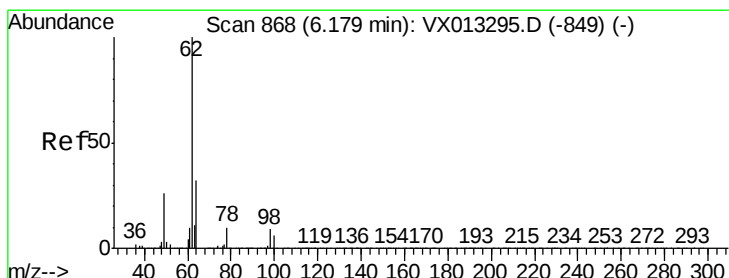
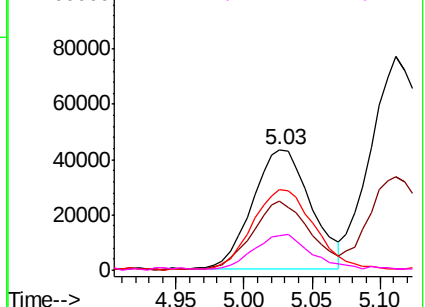


Abundance Ion 41.00 (40.70 to 41.70): VX013310.D (-630) (-)

Ion 39.00 (38.70 to 39.70): VX013310.D (-630) (-)

Ion 67.00 (66.70 to 67.70): VX013310.D (-630) (-)

Ion 52.00 (51.70 to 52.70): VX013310.D (-630) (-)



#42

1,2-Dichloroethane

Concen: 21.198 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013310.D

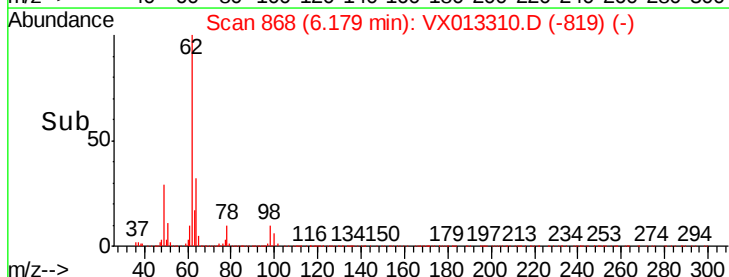
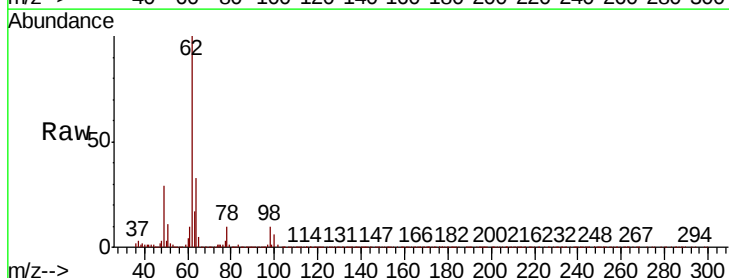
Acq: 01 Nov 2019 14:44

Tgt Ion: 62 Resp: 223614

Ion Ratio Lower Upper

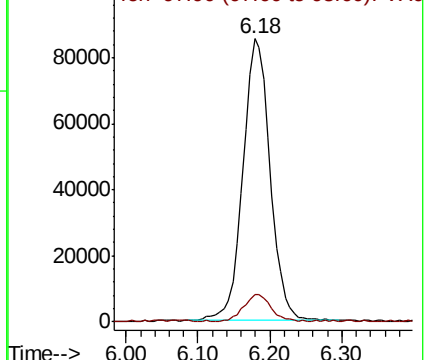
62 100

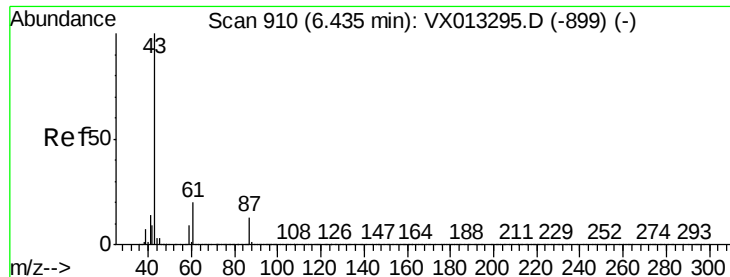
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX013310.D (-819) (-)

Ion 97.90 (97.60 to 98.60): VX013310.D (-819) (-)



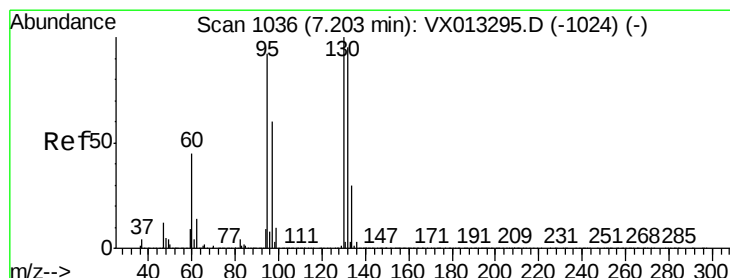
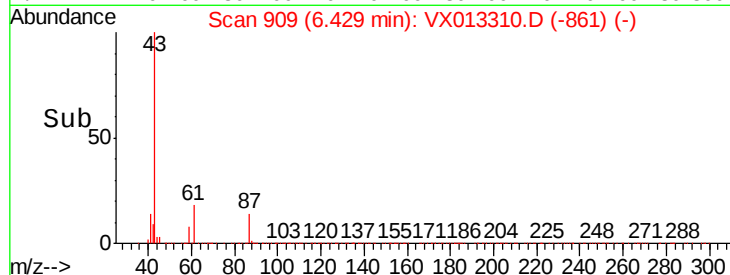
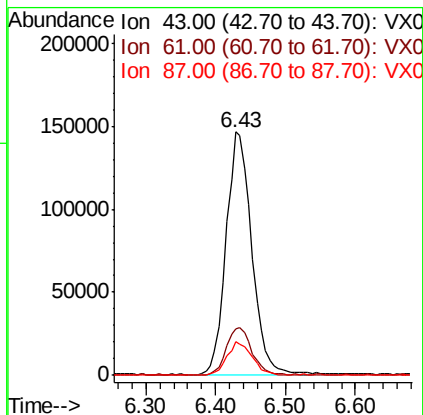
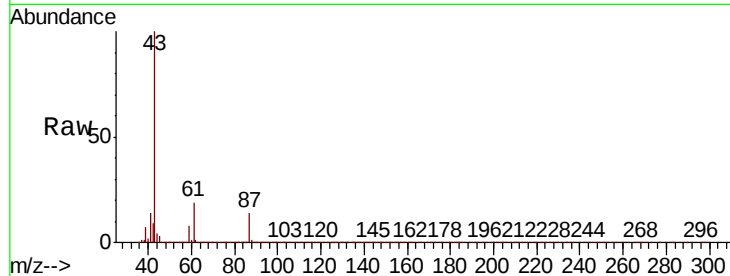


#43

Isopropyl Acetate
 Concen: 20.644 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :

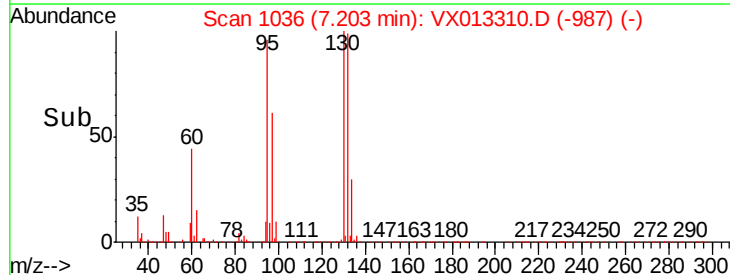
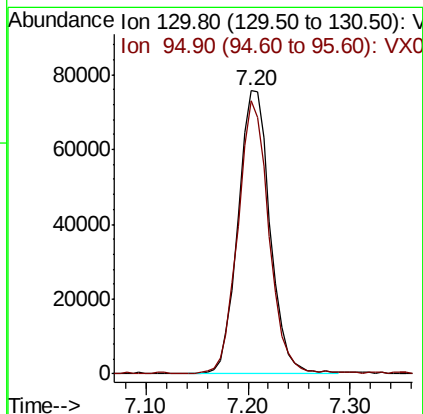
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.8	23.8
87	13.6	10.4	15.6

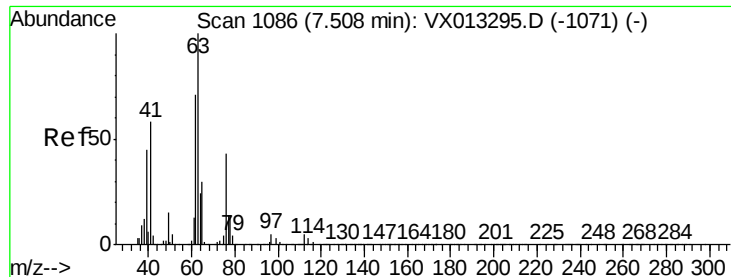


#44

Trichloroethene
 Concen: 20.403 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	184.8

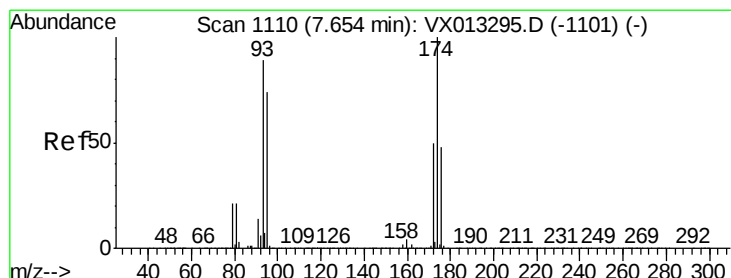
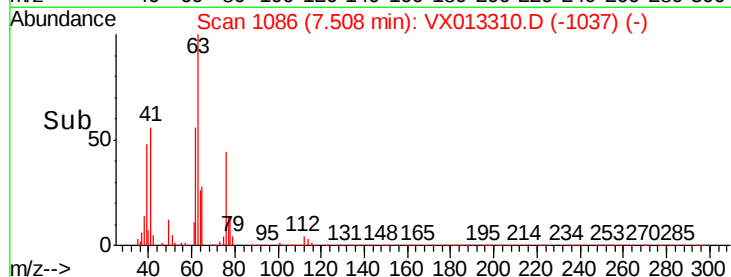
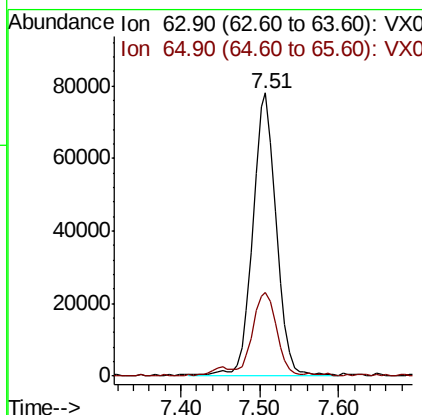
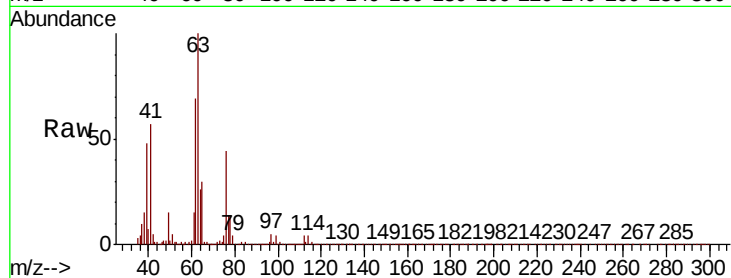




#45
 1,2-Dichloropropane
 Concen: 21.448 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

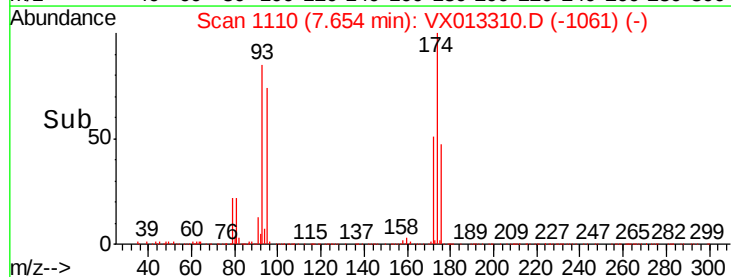
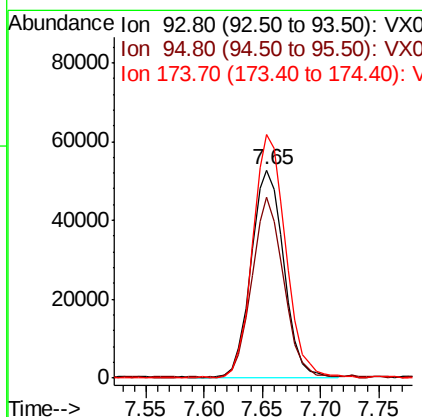
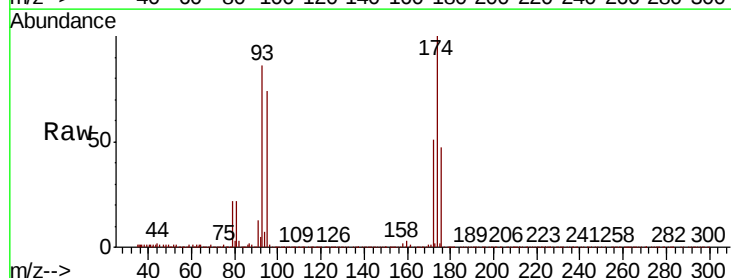
Instrument :
 MSVOA_X
 ClientSampleId :

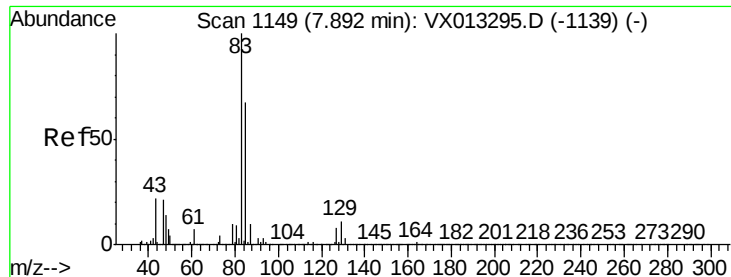
Tot Ion: 63 Resp: 159821
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.3 36.5



#46
 Dibromomethane
 Concen: 20.296 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion: 93 Resp: 103260
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.6
 174 117.4 90.4 135.6





#47

Bromodichloromethane

Concen: 21.537 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

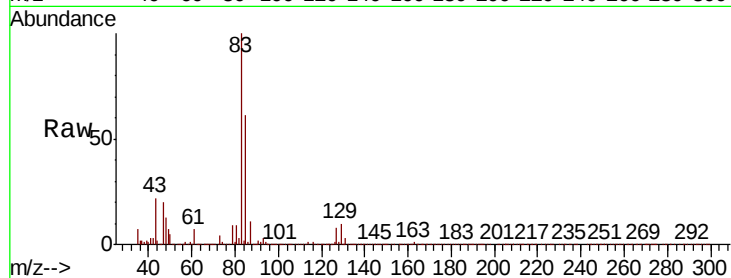
Tot Ion: 83 Resp: 206620

Ion Ratio Lower Upper

83 100

85 61.2 53.7 80.5

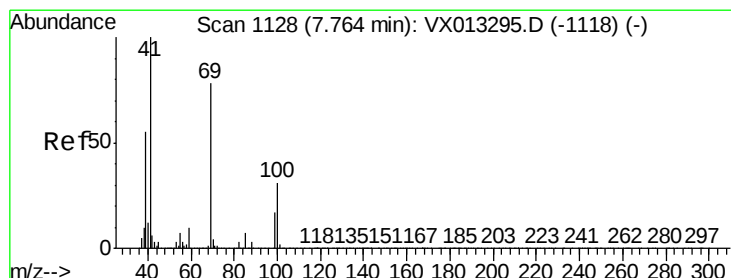
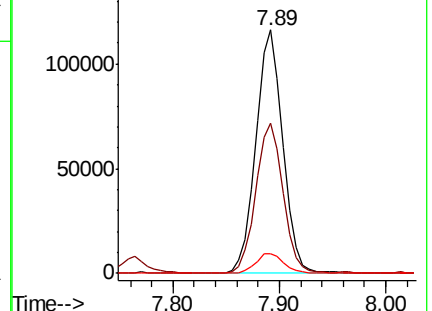
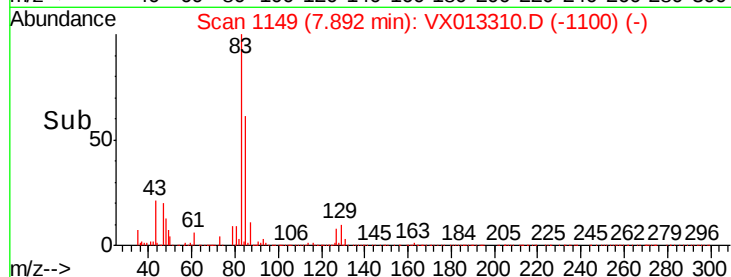
127 7.9 6.4 9.6



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: 20.920 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

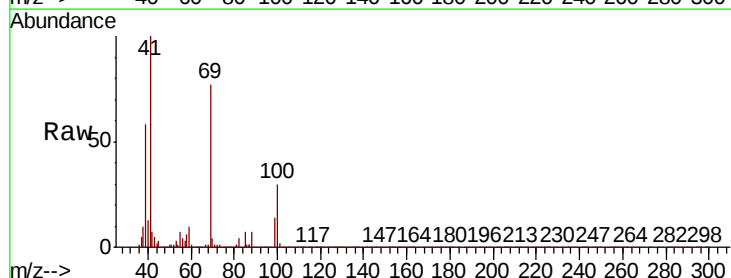
Tgt Ion: 41 Resp: 188649

Ion Ratio Lower Upper

41 100

69 79.2 63.0 94.6

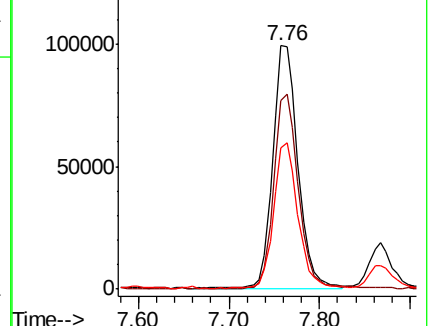
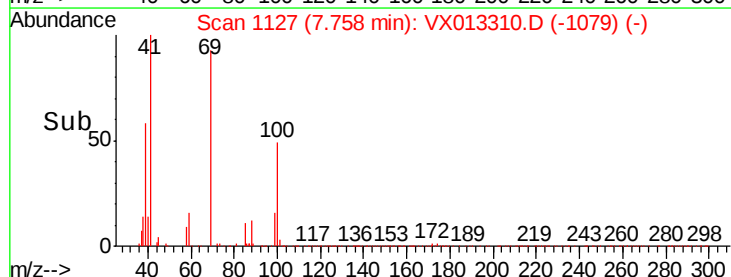
39 58.0 45.9 68.9

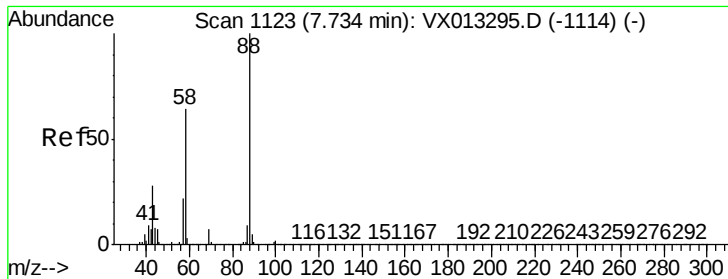


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

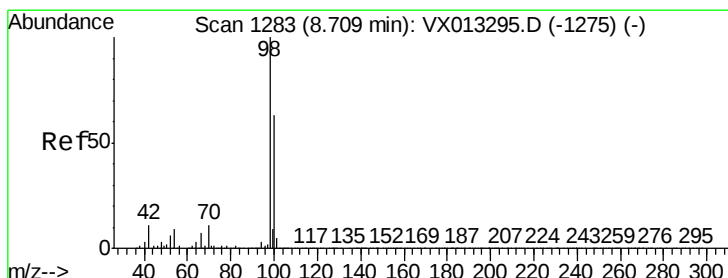
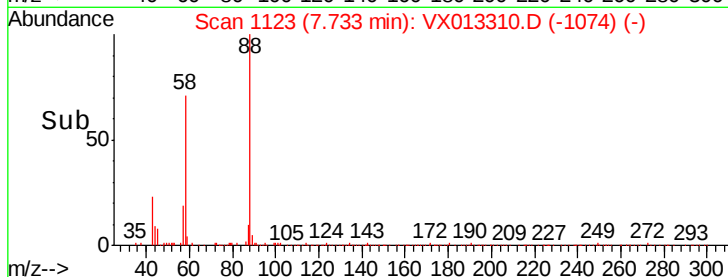
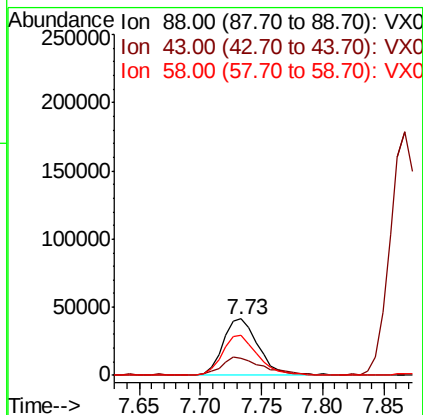
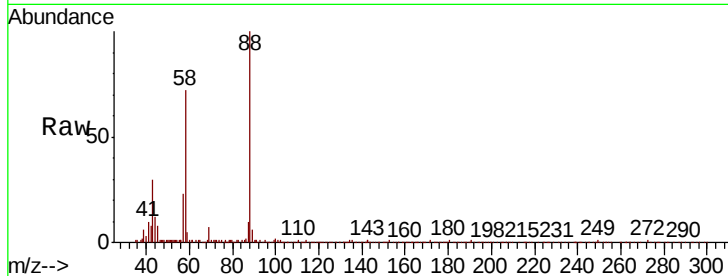




#49
1,4-Dioxane
Concen: 398.656 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

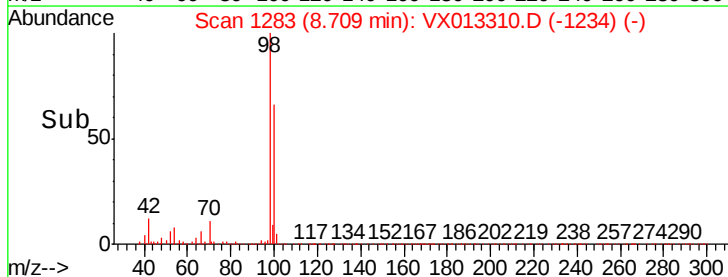
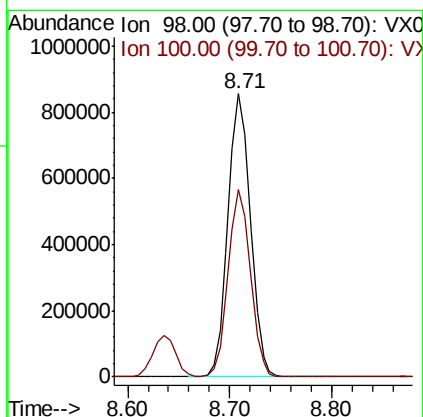
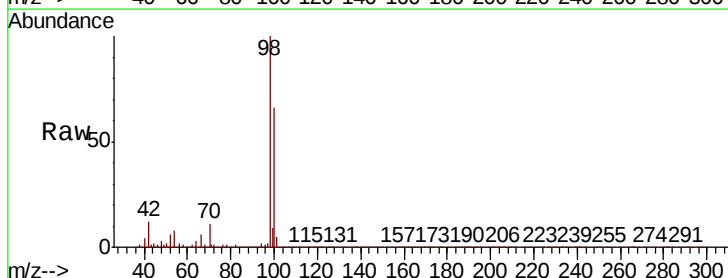
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	26.6	39.8
58	71.6	55.0	82.6



#50
Toluene-d8
Concen: 50.341 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 103.455 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

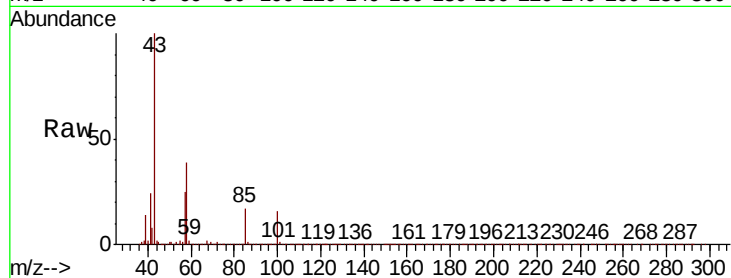
ClientSampleId :

Tot Ion: 43 Resp: 1226174

Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

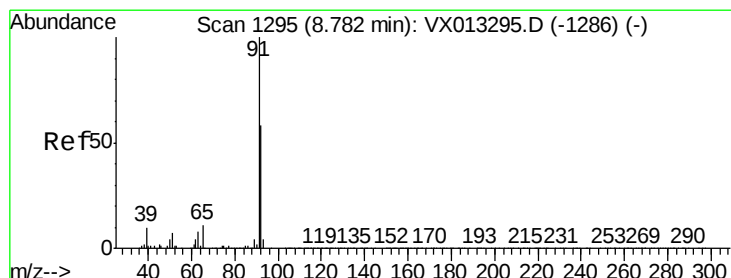
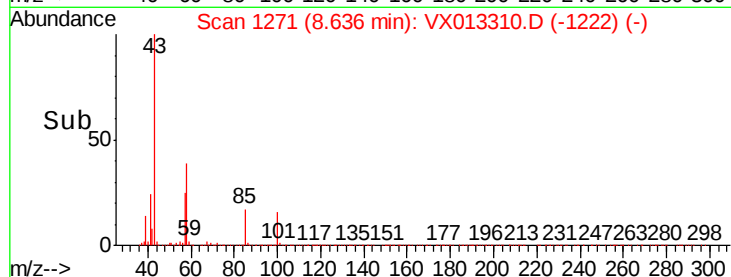
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 21.325 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013310.D

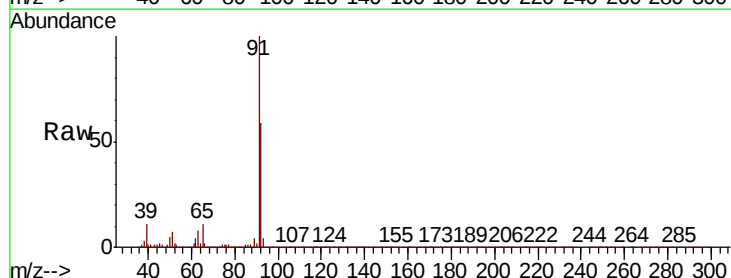
Acq: 01 Nov 2019 14:44

Tgt Ion: 92 Resp: 386526

Ion Ratio Lower Upper

92 100

91 172.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

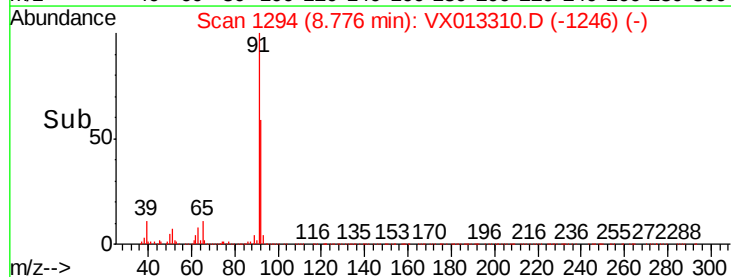
300000

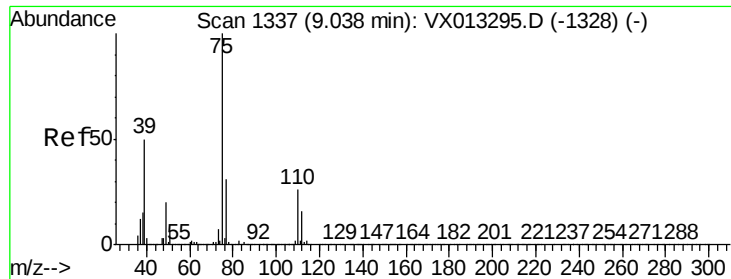
200000

100000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 20.355 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

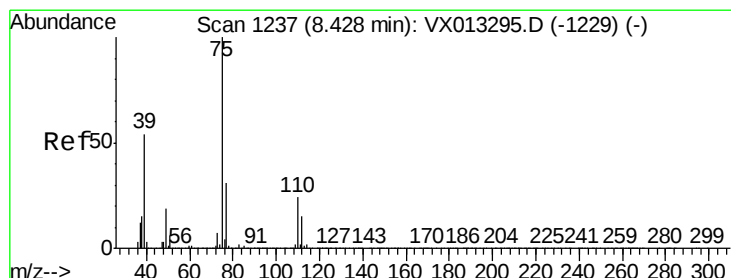
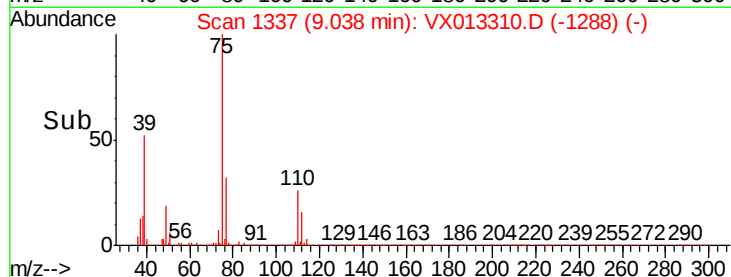
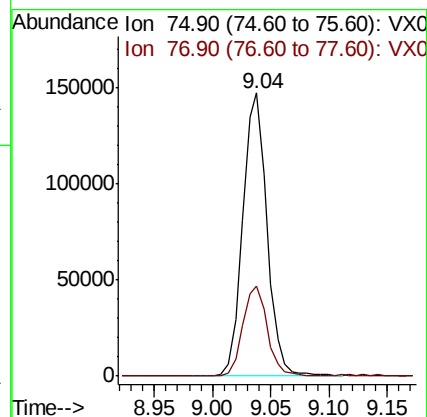
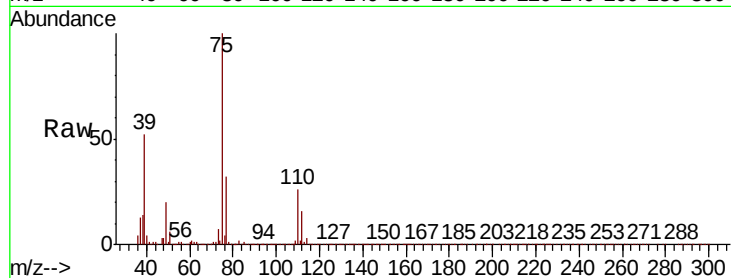
ClientSampleId :

Tot Ion: 75 Resp: 213539

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.449 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

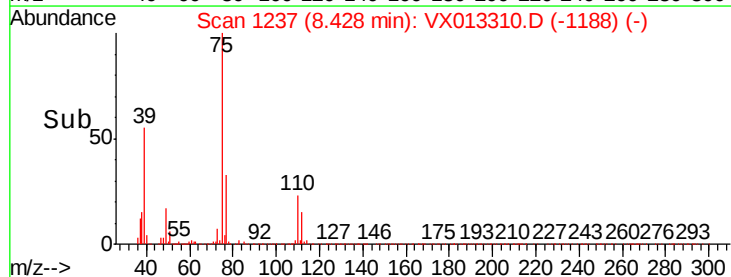
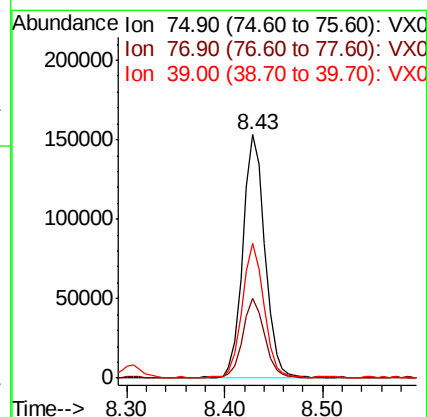
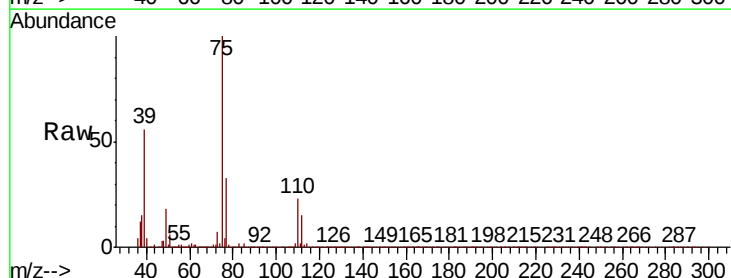
Tgt Ion: 75 Resp: 239973

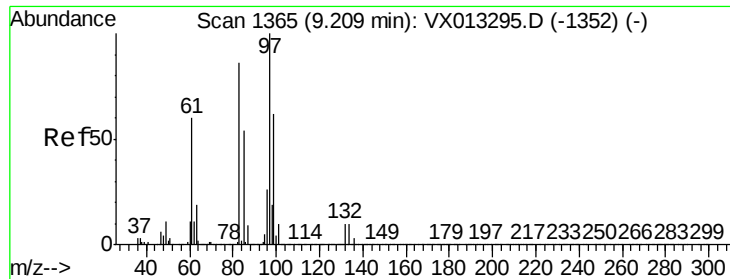
Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 55.3 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 21.220 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 159429

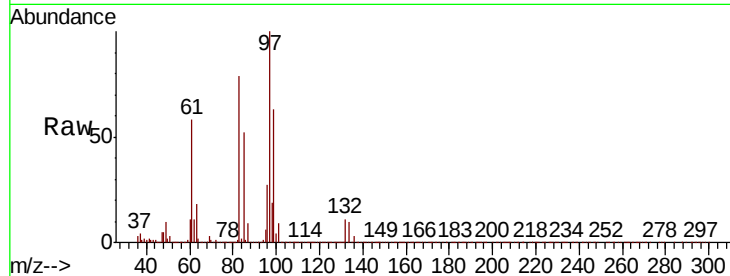
Ion Ratio Lower Upper

97 100

83 78.9 68.6 103.0

85 52.2 43.1 64.7

99 62.8 49.4 74.0

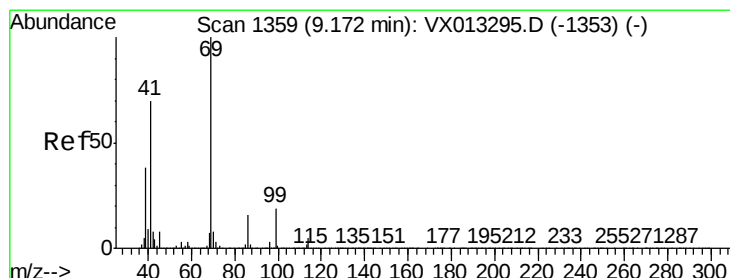
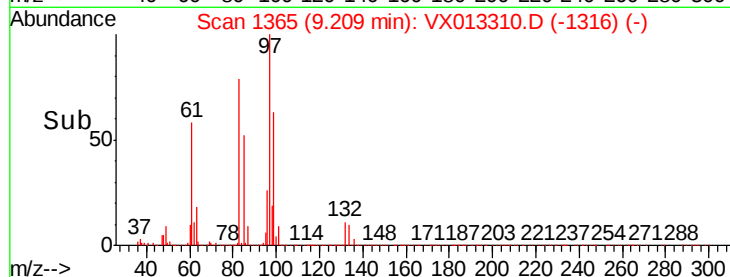
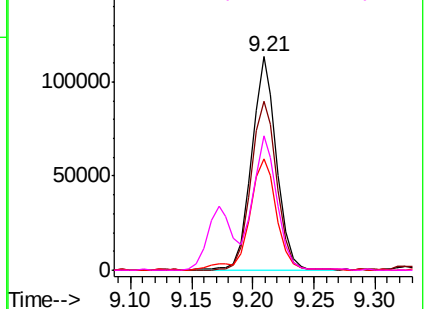


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.970 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

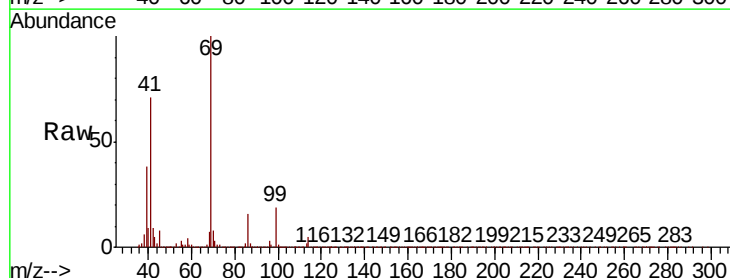
Tgt Ion: 69 Resp: 243711

Ion Ratio Lower Upper

69 100

41 68.4 56.2 84.2

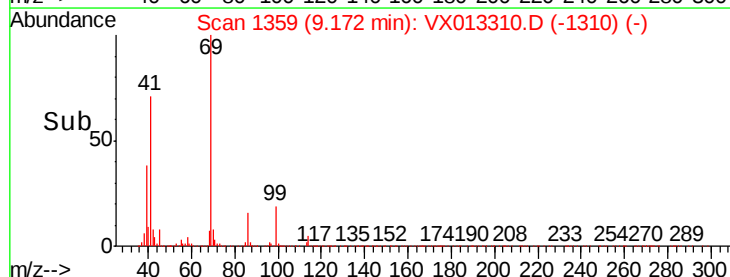
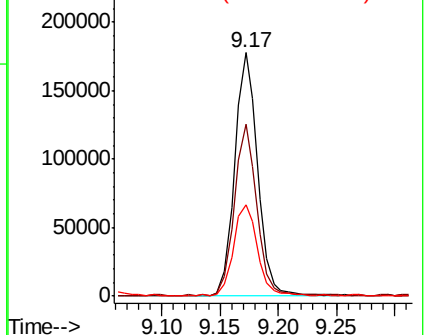
39 38.7 31.1 46.7

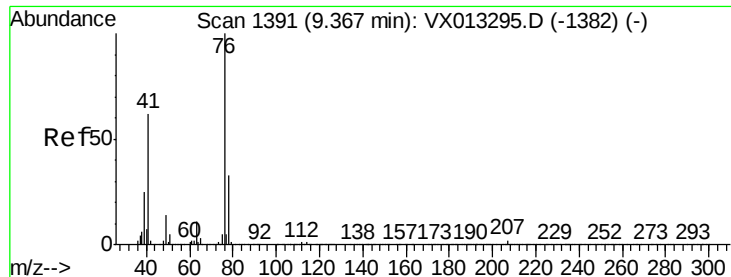


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.010 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

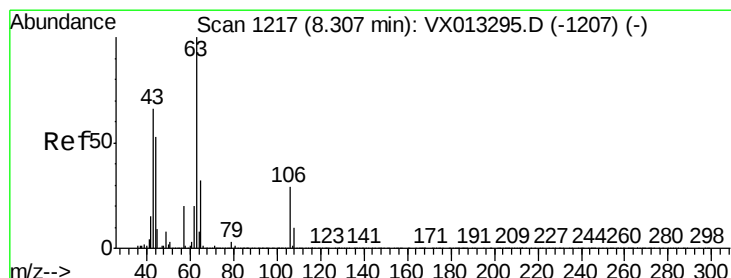
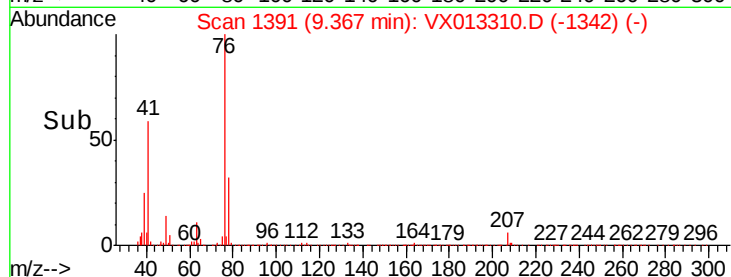
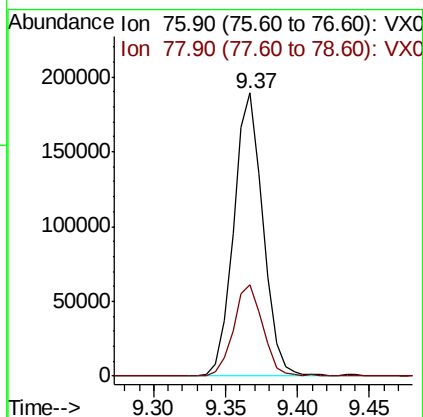
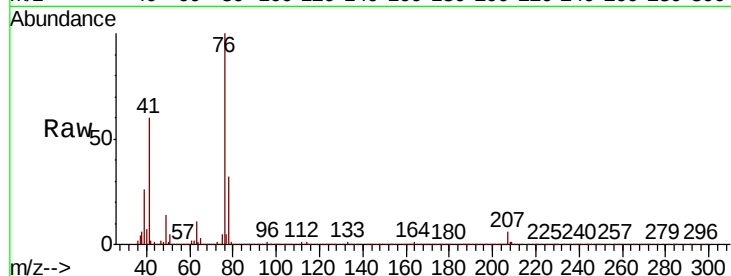
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 267953

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.569 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013310.D

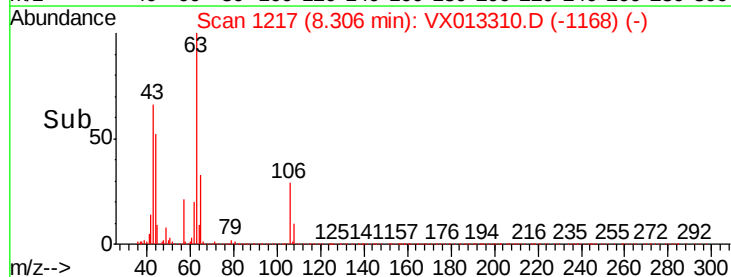
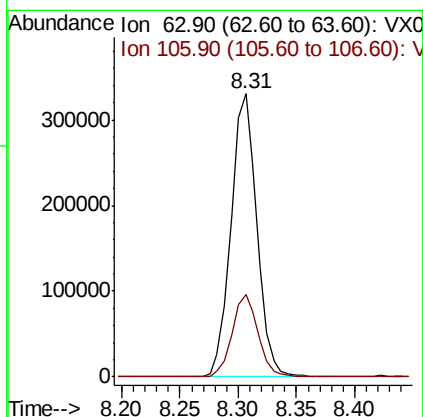
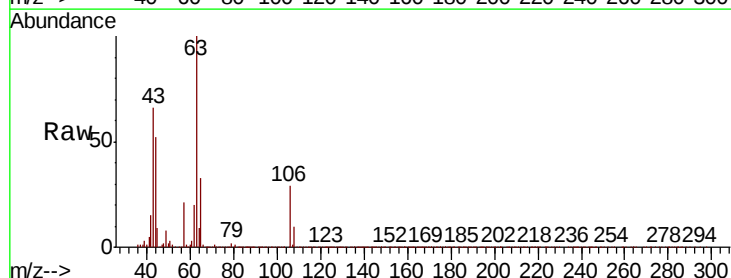
Acq: 01 Nov 2019 14:44

Tgt Ion: 63 Resp: 511487

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.2

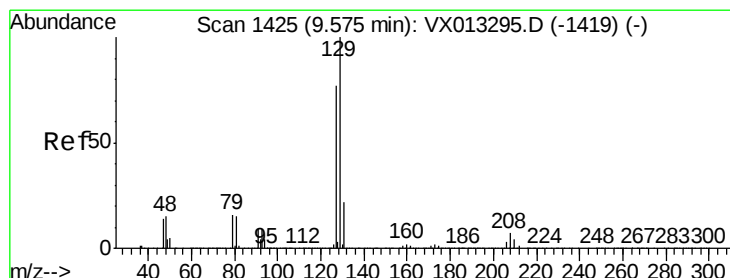
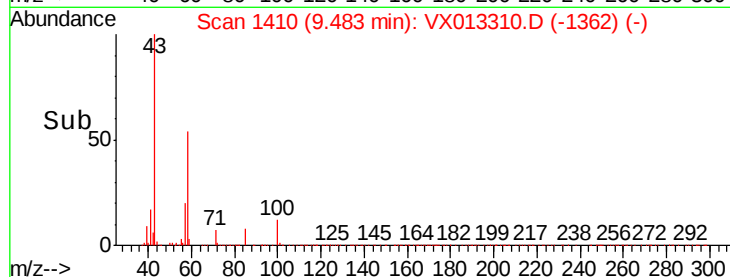
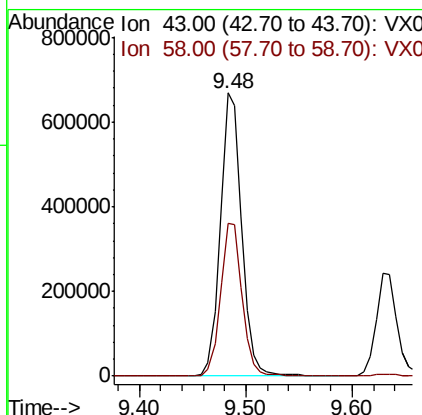
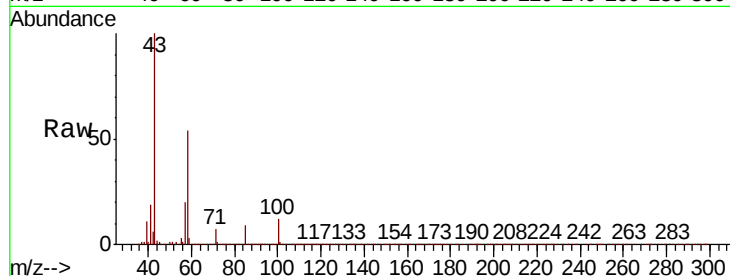




#59
2-Hexanone
Concen: 101.910 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

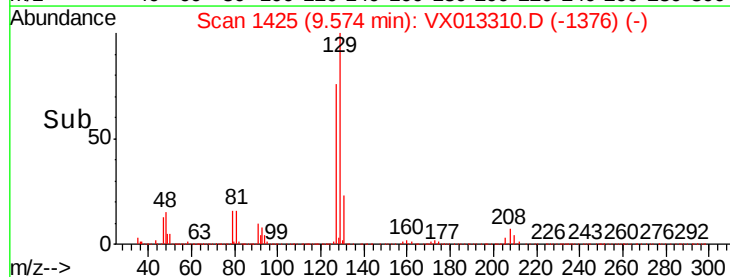
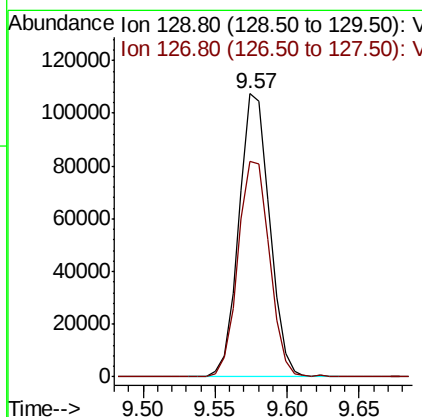
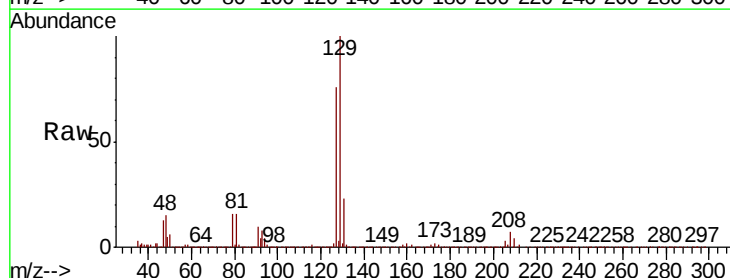
Instrument :
MSVOA_X
ClientSampleId :

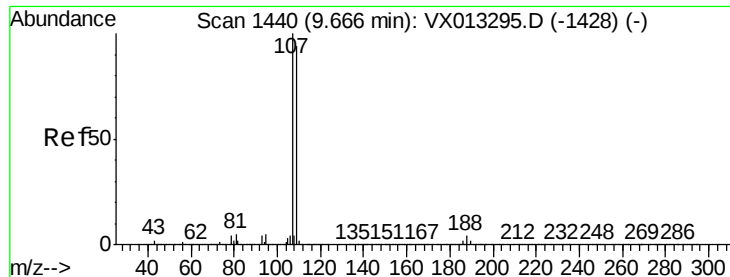
Tot Ion: 43 Resp: 933403
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.646 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion:129 Resp: 158640
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.274 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

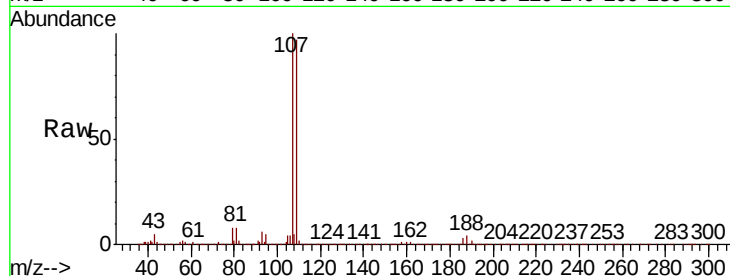
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 169721

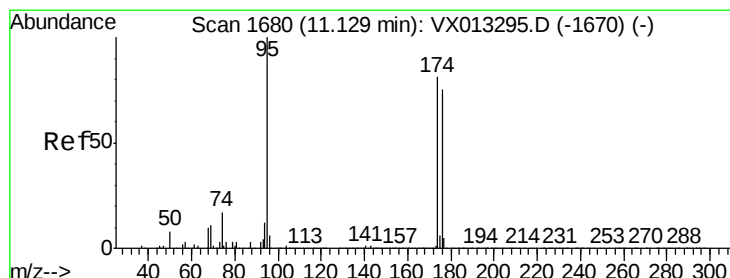
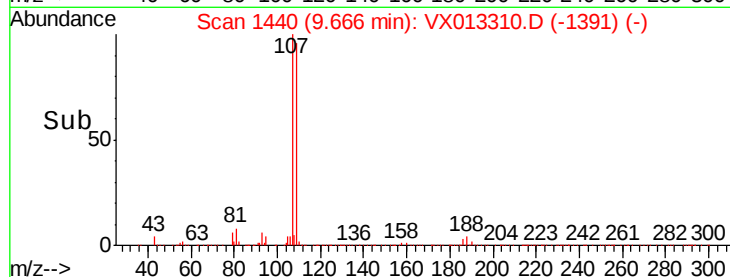
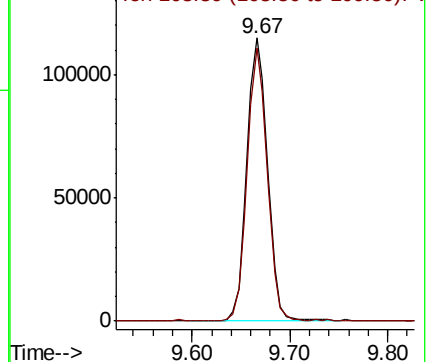
Ion Ratio Lower Upper

107 100

109 92.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.460 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

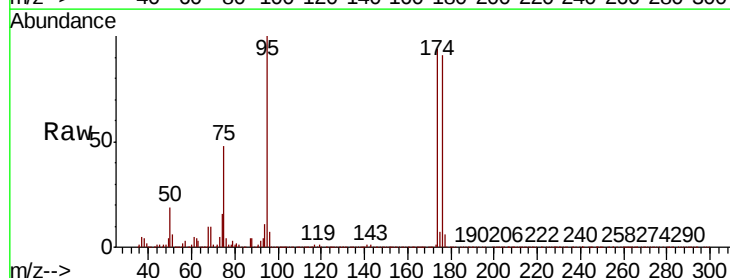
Tgt Ion: 95 Resp: 452579

Ion Ratio Lower Upper

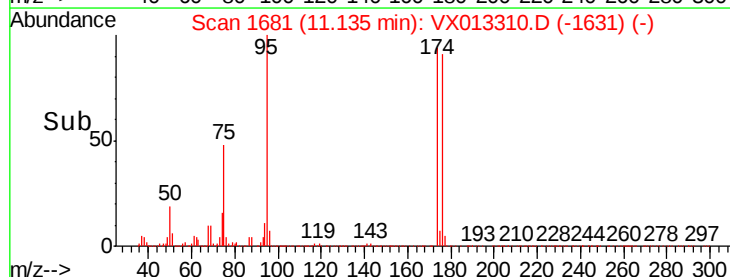
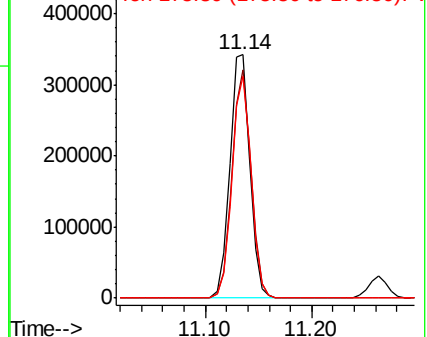
95 100

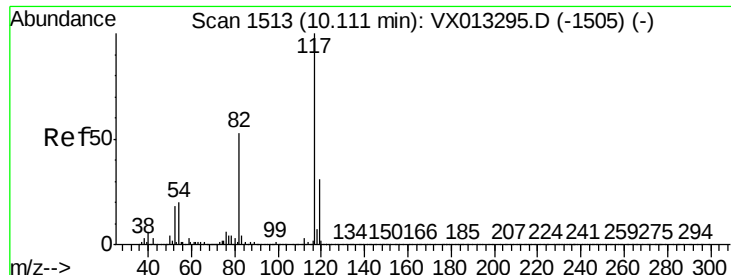
174 89.0 0.0 179.8

176 87.2 0.0 173.0



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

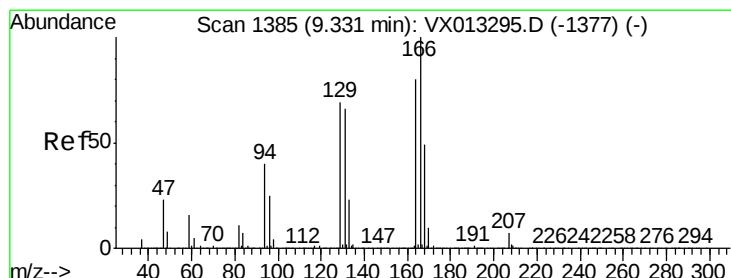
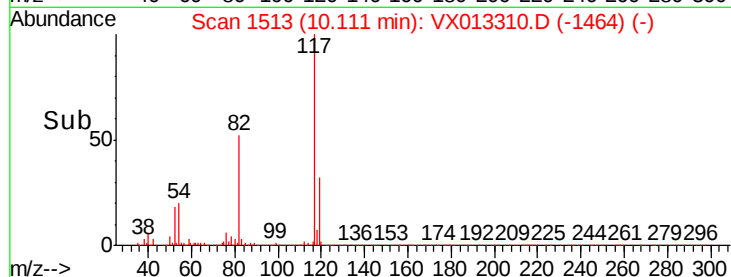
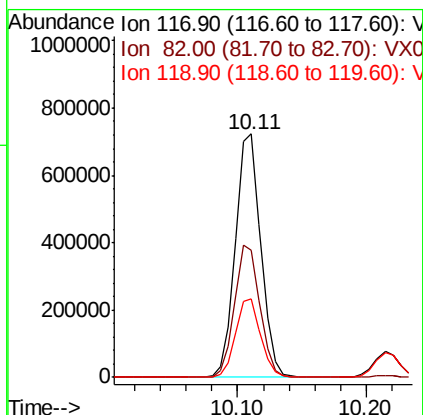
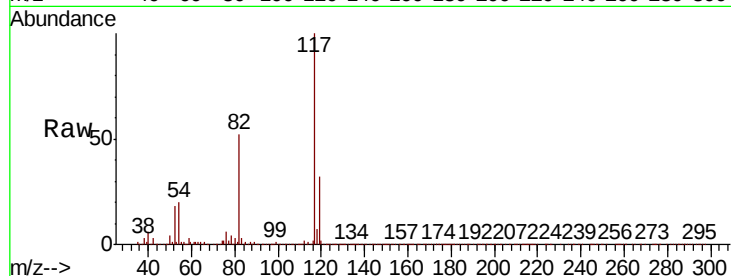




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

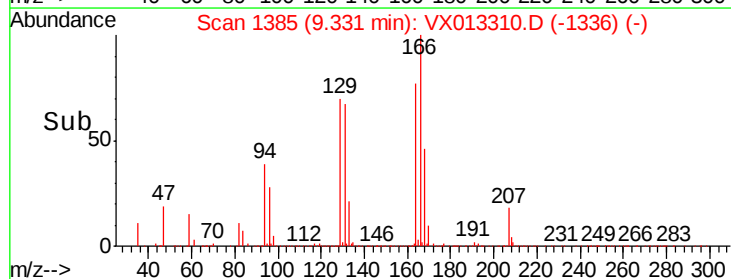
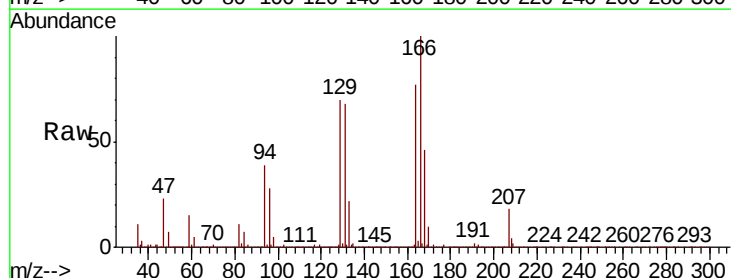
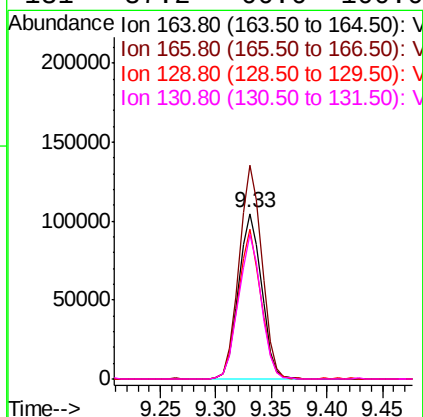
Instrument :
MSVOA_X
ClientSampleId :

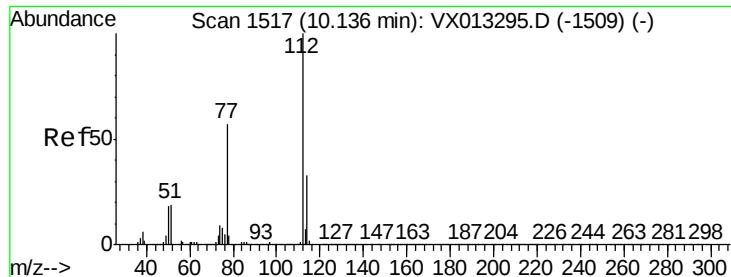
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	64.0
119	32.1	24.8	37.2



#64
Tetrachloroethene
Concen: 21.190 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	100.4	150.6
129	90.3	69.4	104.2
131	87.2	66.6	100.0





#65

Chlorobenzene

Concen: 20.766 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

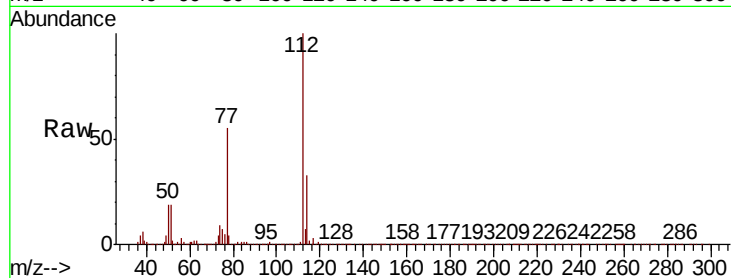
ClientSampleId :

Tot Ion:112 Resp: 417258

Ion Ratio Lower Upper

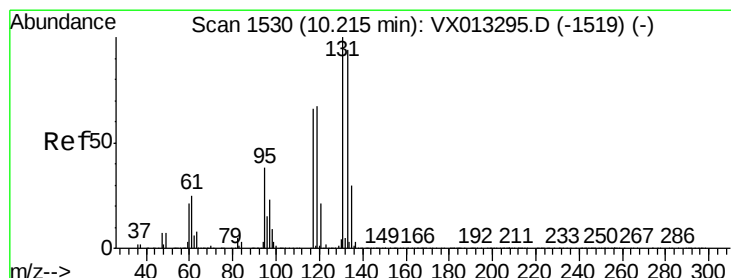
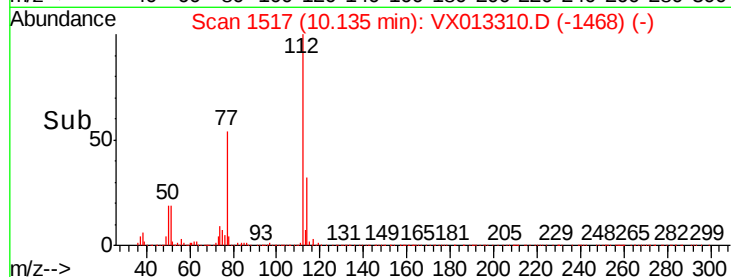
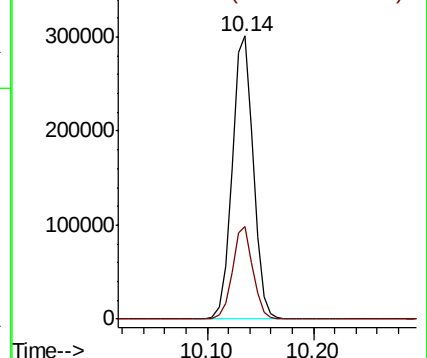
112 100

114 32.5 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.803 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

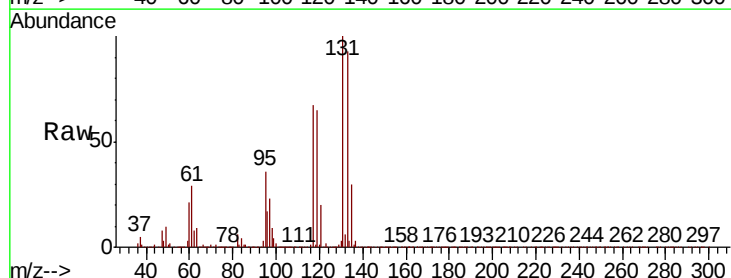
Tgt Ion:131 Resp: 153478

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.0

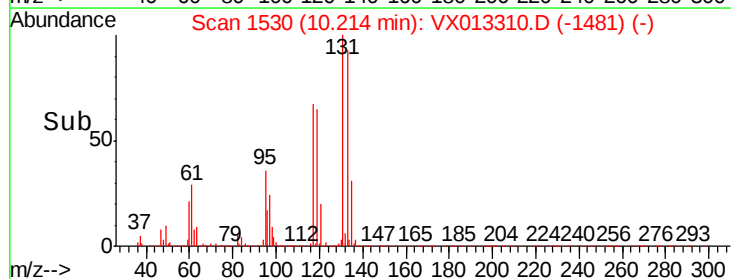
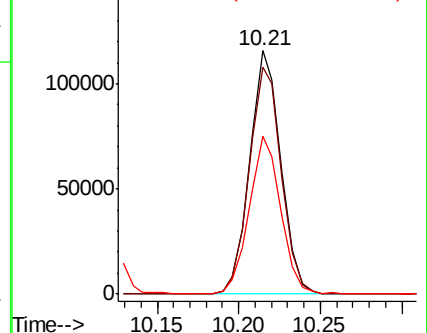
119 65.4 33.0 99.0

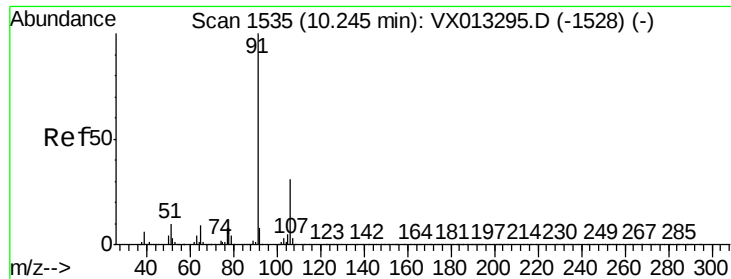


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.215 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

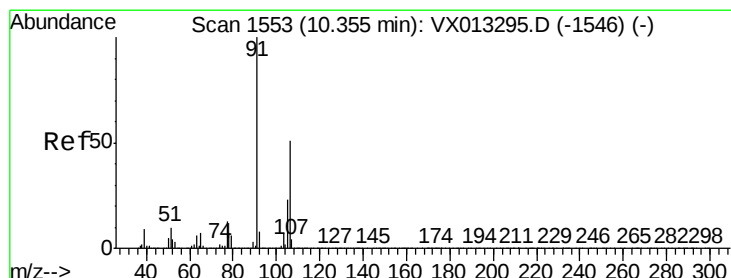
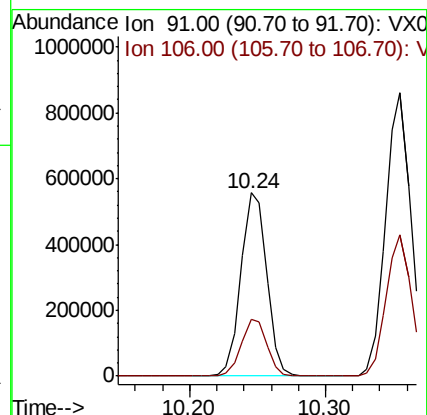
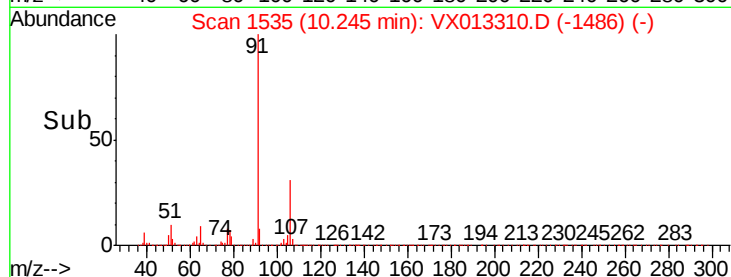
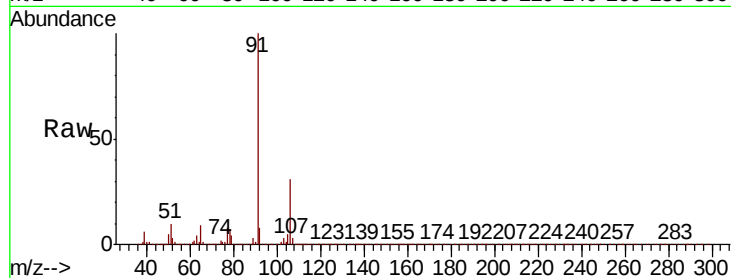
ClientSampleId :

Tot Ion: 91 Resp: 735701

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 42.471 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013310.D

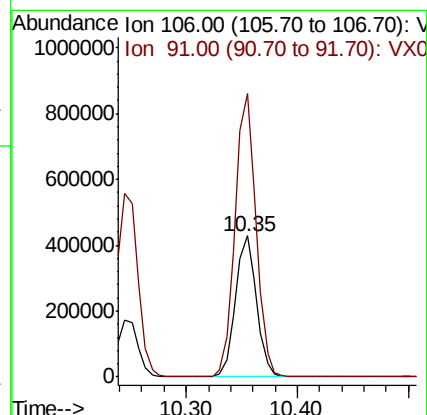
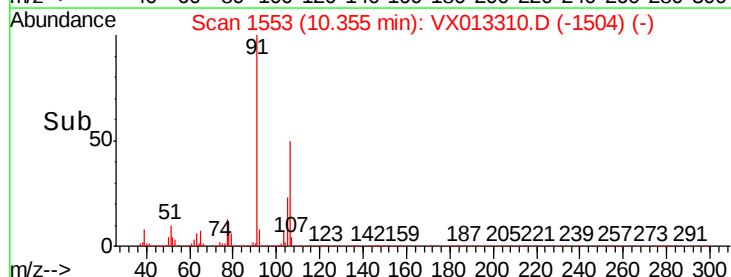
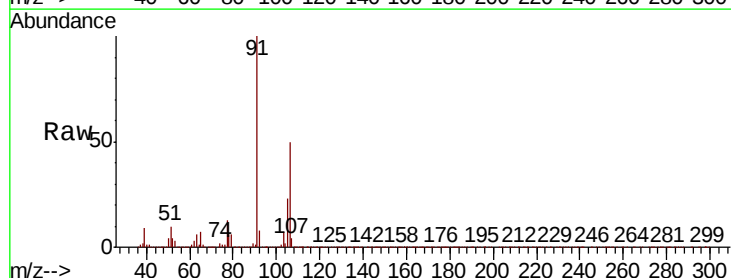
Acq: 01 Nov 2019 14:44

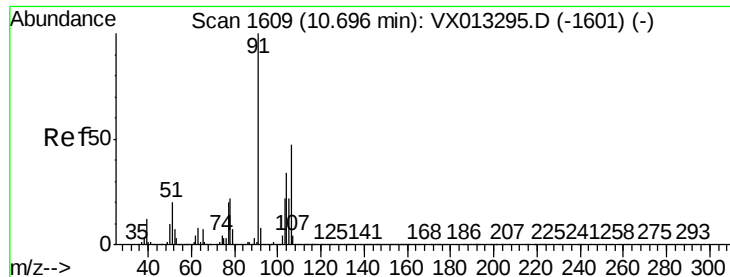
Tgt Ion: 106 Resp: 557016

Ion Ratio Lower Upper

106 100

91 201.1 159.3 238.9

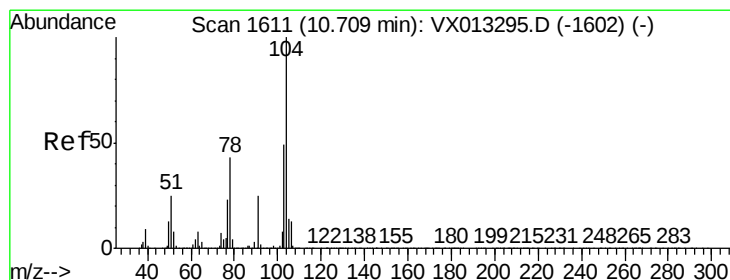
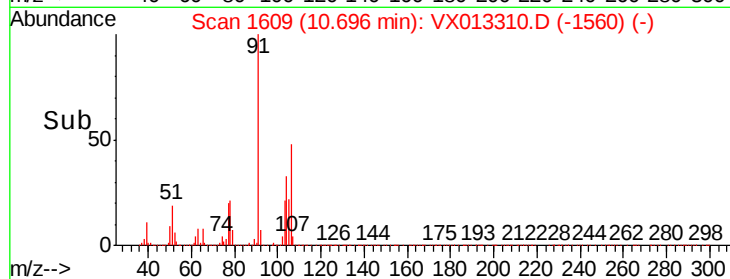
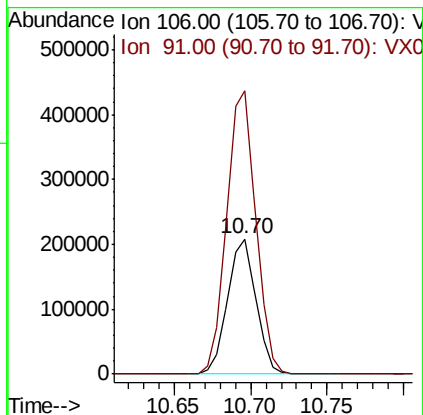
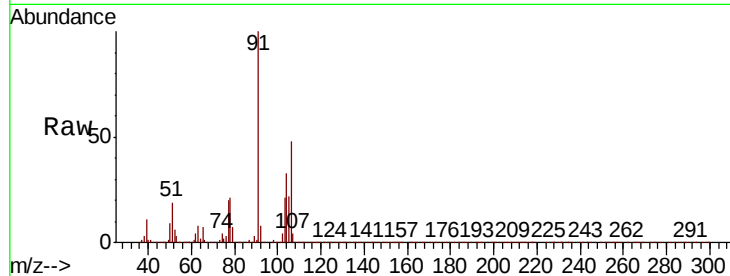




#69
o-Xylene
Concen: 20.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

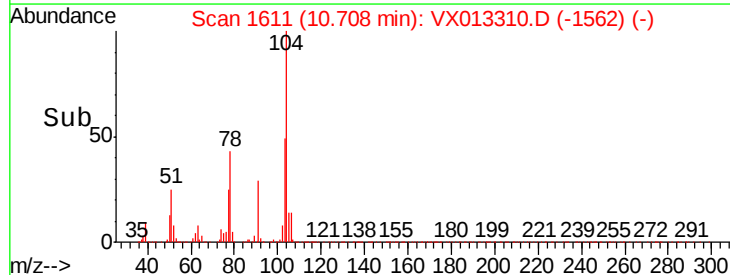
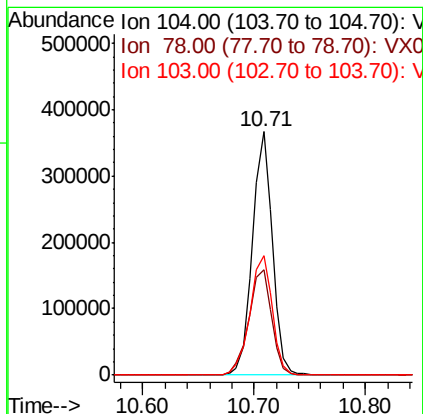
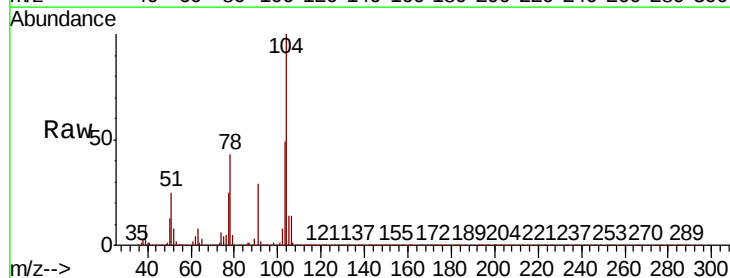
Instrument :
MSVOA_X
ClientSampleId :

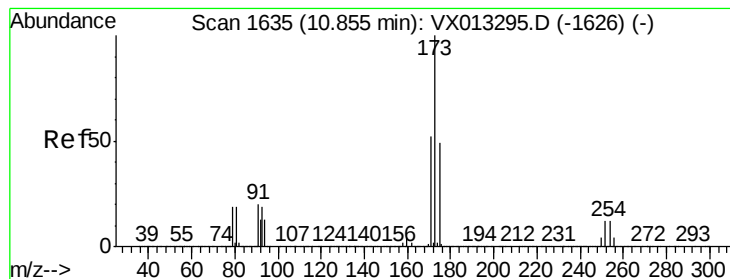
Tot Ion:106 Resp: 267916
Ion Ratio Lower Upper
106 100
91 214.8 105.7 317.0



#70
Styrene
Concen: 21.263 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion:104 Resp: 456388
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 19.216 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

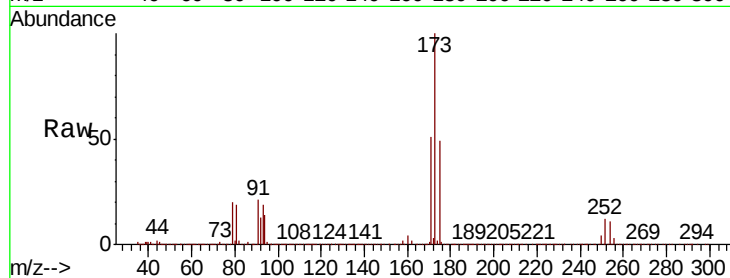
Tot Ion:173 Resp: 117040

Ion Ratio Lower Upper

173 100

175 51.0 24.8 74.4

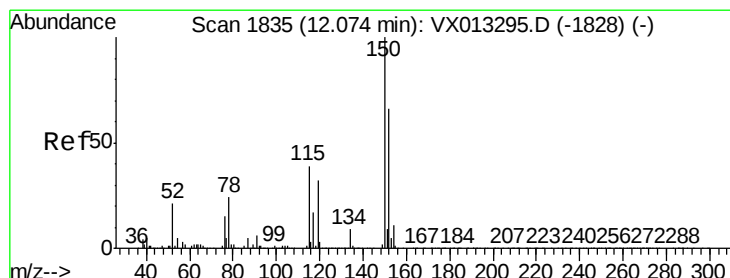
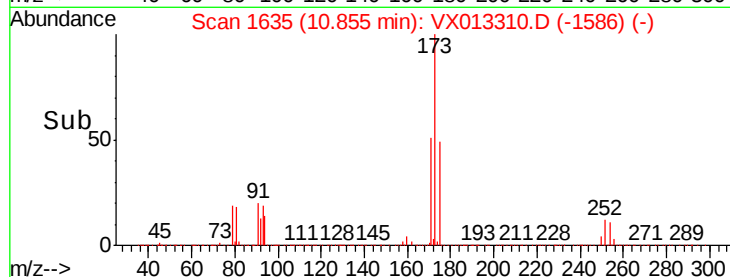
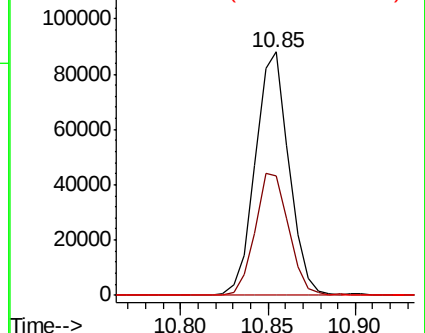
254 0.5 0.2 0.2#



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: VX013310.D

Acq: 01 Nov 2019 14:44

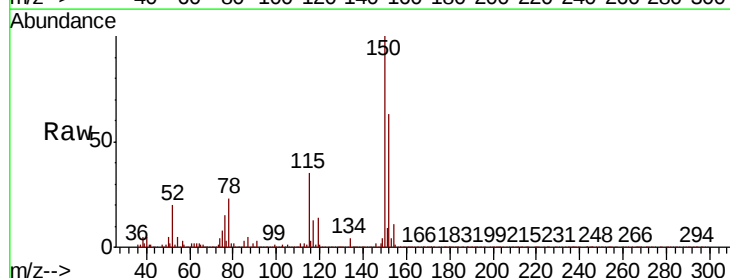
Tgt Ion:152 Resp: 493114

Ion Ratio Lower Upper

152 100

115 63.1 39.5 118.3

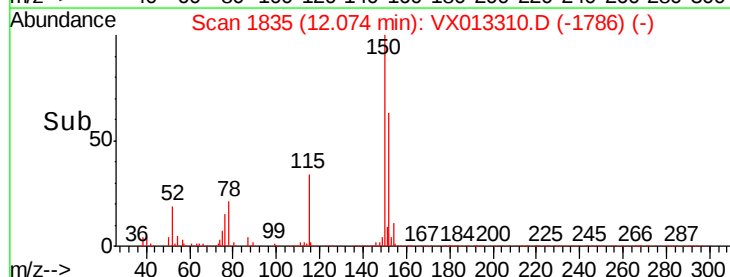
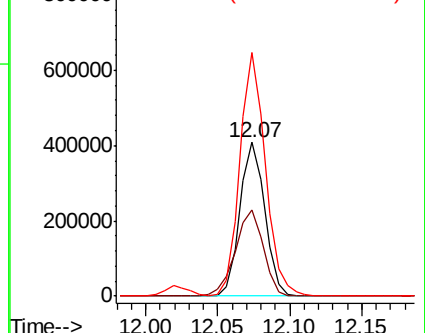
150 162.6 0.0 344.4

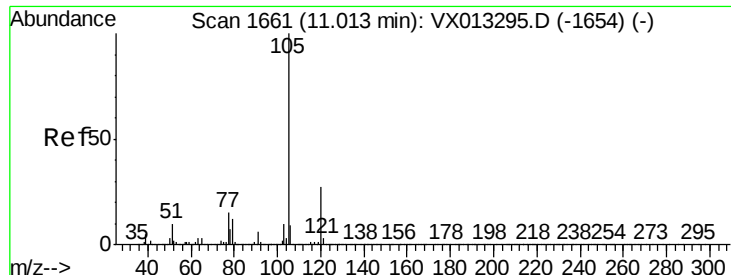


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.005 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

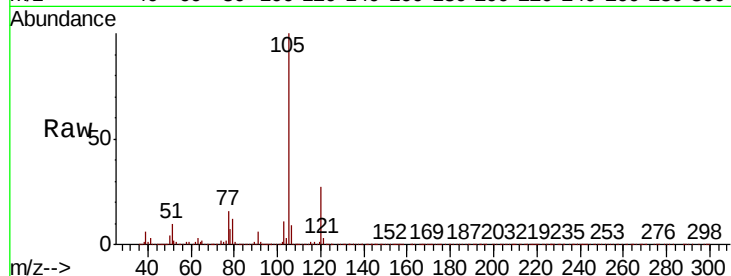
ClientSampleId :

Tot Ion: 105 Resp: 719431

Ion Ratio Lower Upper

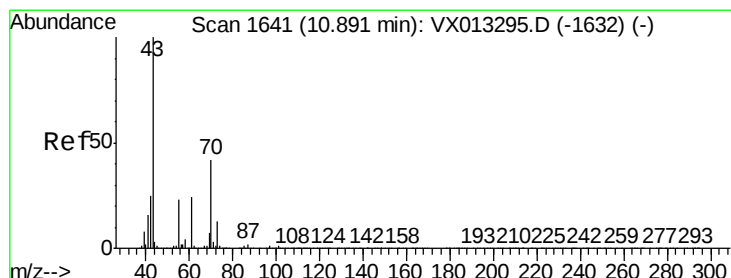
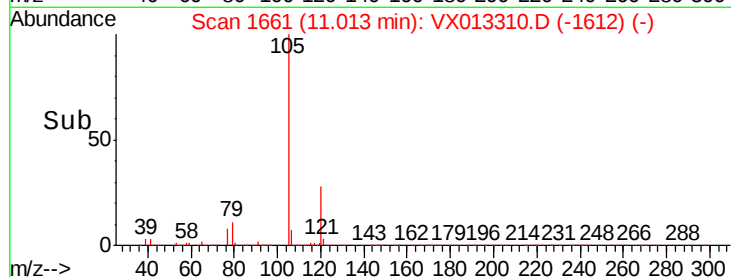
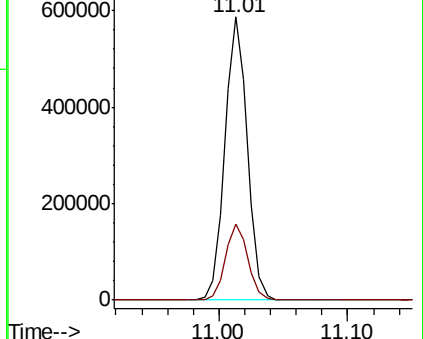
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.430 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion: 43 Resp: 324906

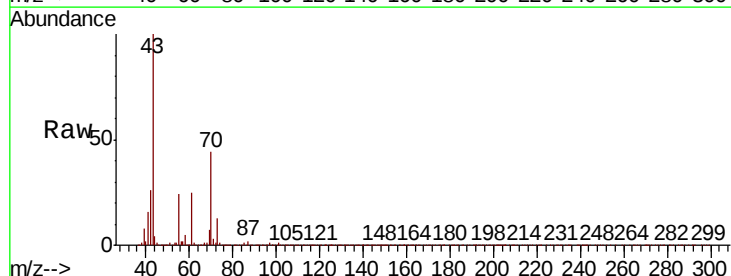
Ion Ratio Lower Upper

43 100

70 43.3 34.1 51.1

55 24.9 18.9 28.3

61 24.2 19.2 28.8

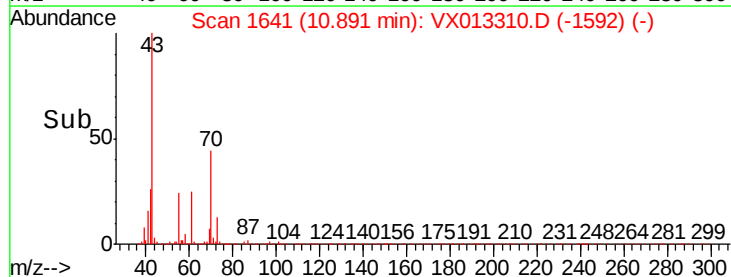
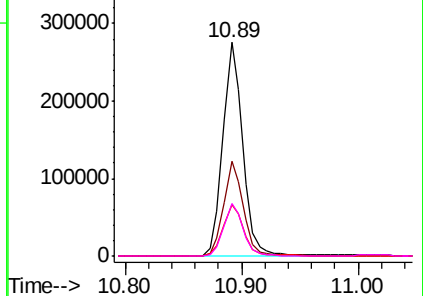


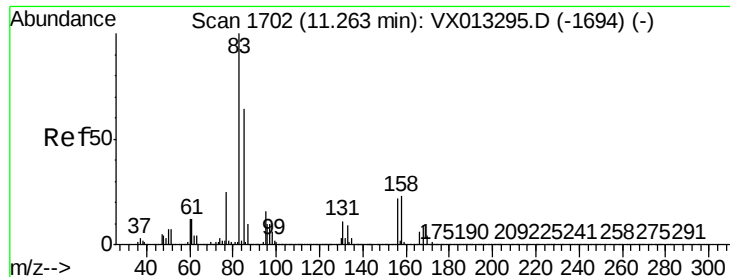
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.162 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

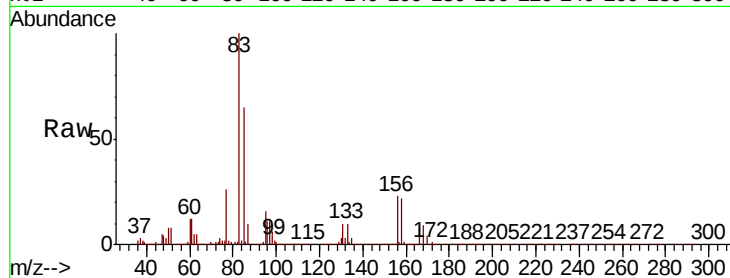
Tot Ion: 83 Resp: 252402

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

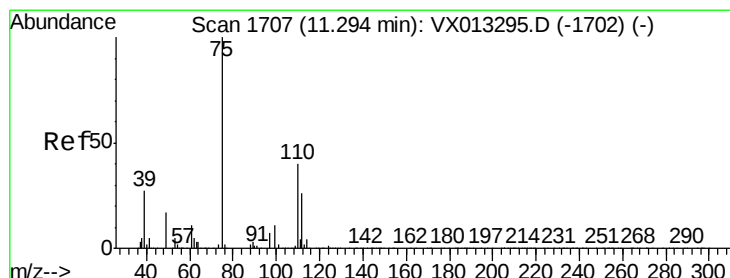
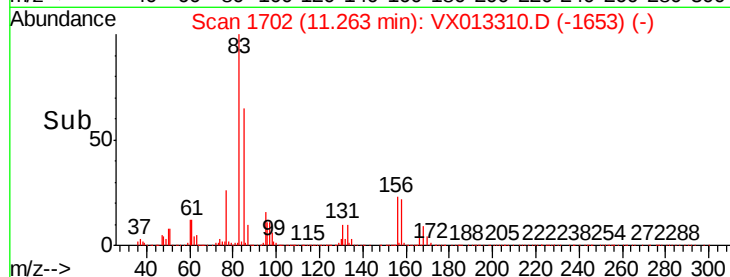
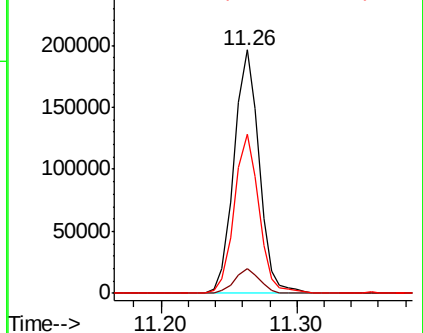
85 64.6 32.3 96.8



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: 27.750 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013310.D

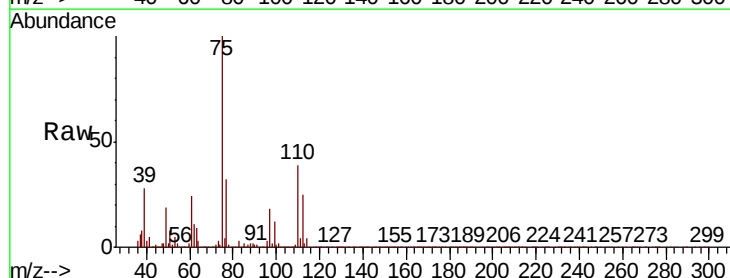
Acq: 01 Nov 2019 14:44

Tgt Ion: 75 Resp: 277943

Ion Ratio Lower Upper

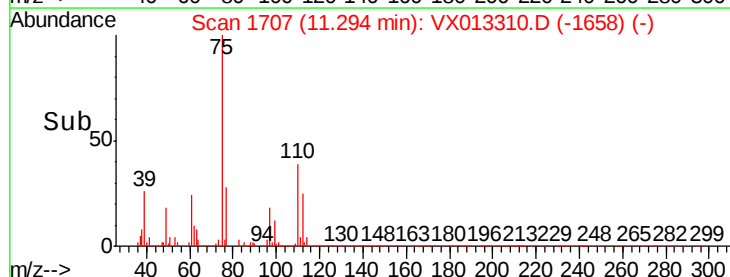
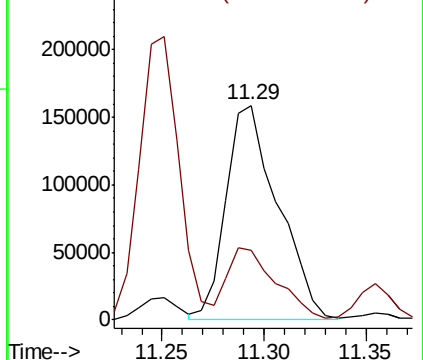
75 100

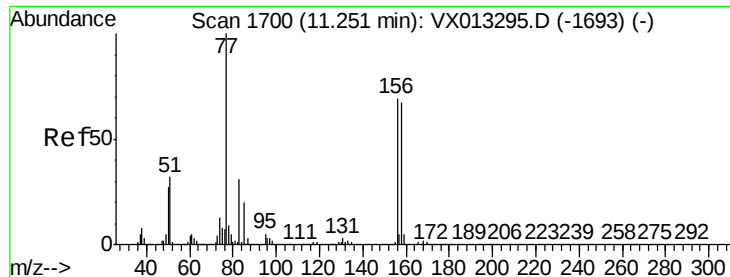
77 31.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.833 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

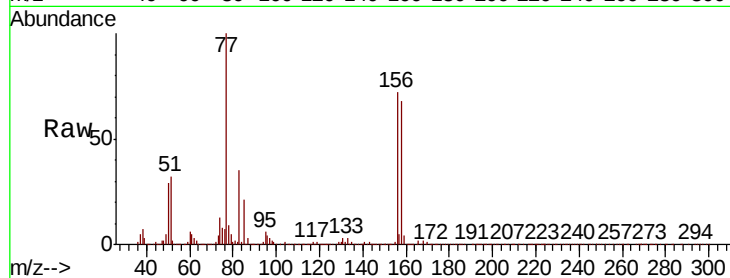
Tot Ion:156 Resp: 190291

Ion Ratio Lower Upper

156 100

77 148.6 75.8 227.4

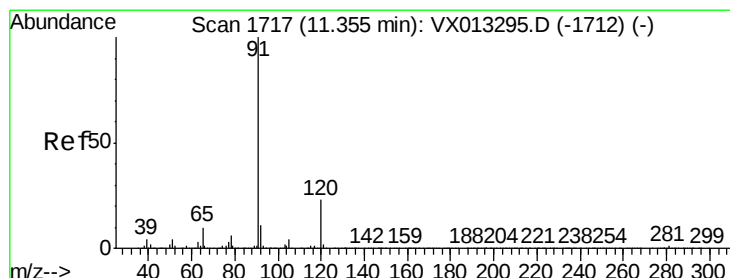
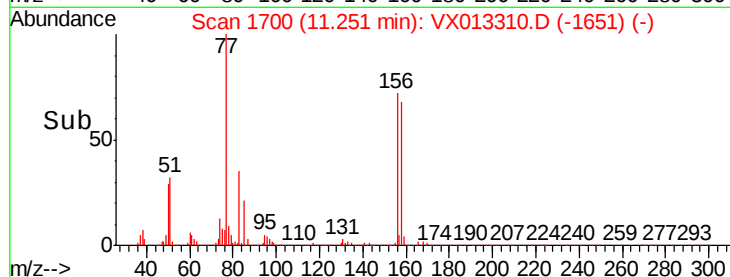
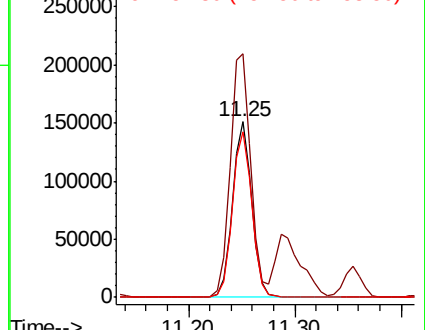
158 95.7 47.6 142.8



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: 21.954 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013310.D

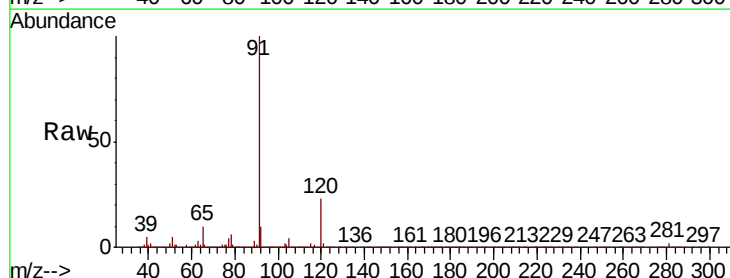
Acq: 01 Nov 2019 14:44

Tgt Ion: 91 Resp: 799550

Ion Ratio Lower Upper

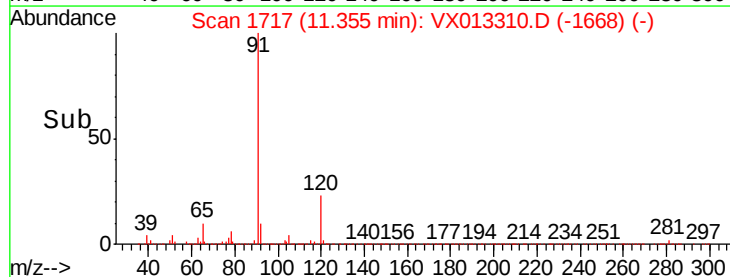
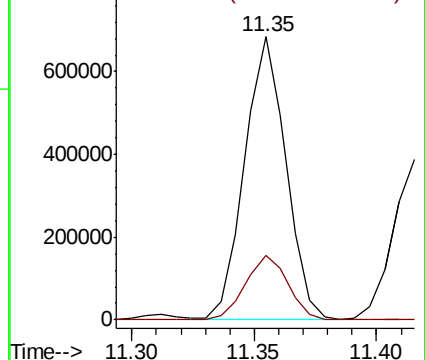
91 100

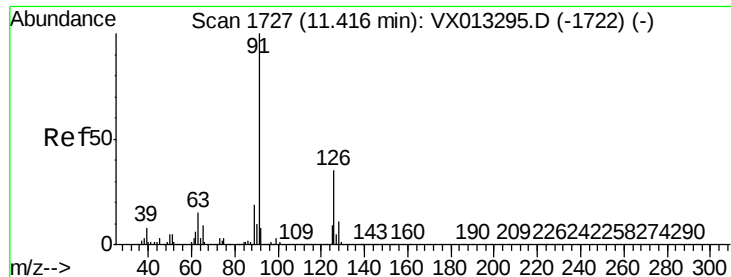
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.720 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

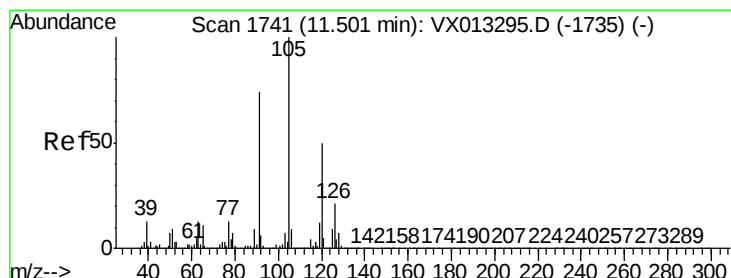
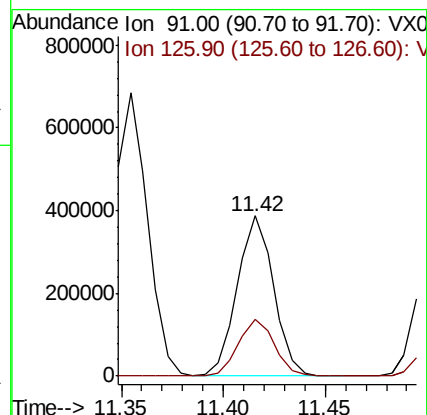
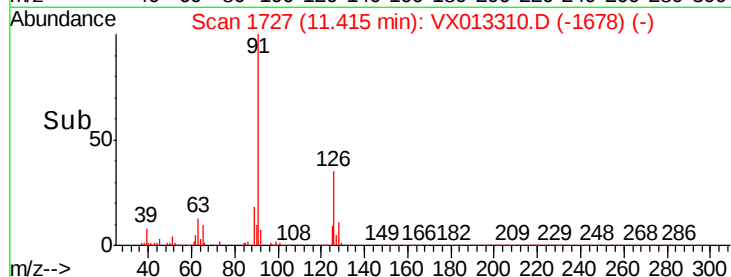
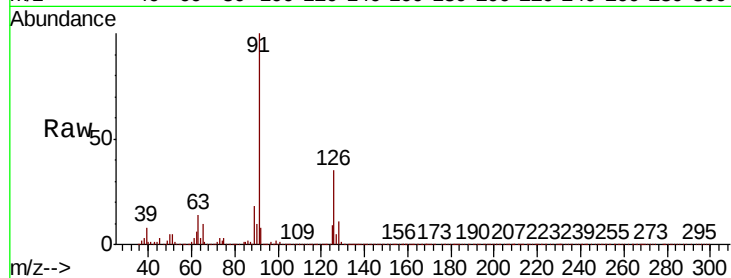
ClientSampleId :

Tot Ion: 91 Resp: 476596

Ion Ratio Lower Upper

91 100

126 35.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 22.144 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013310.D

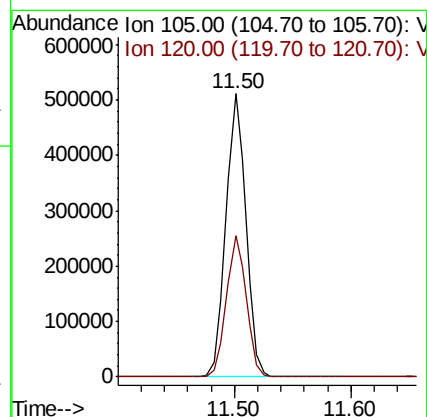
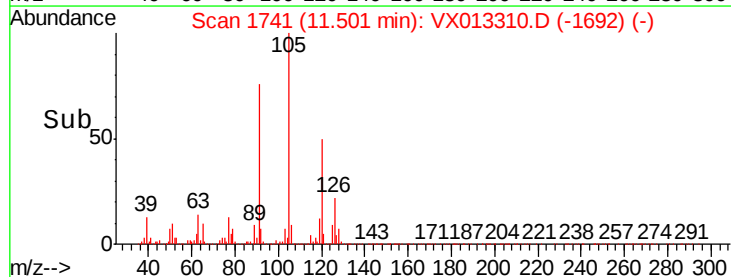
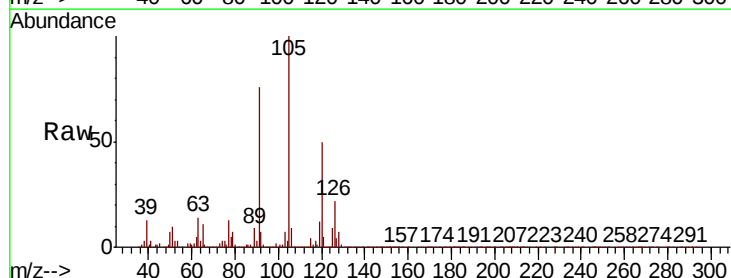
Acq: 01 Nov 2019 14:44

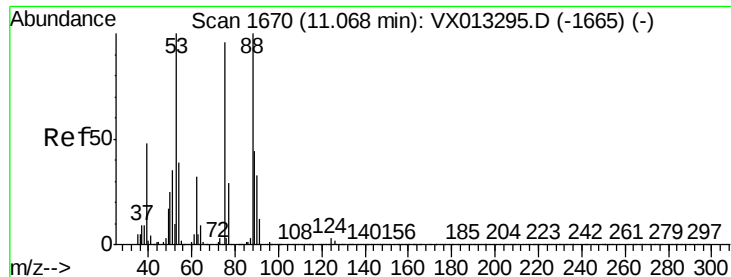
Tgt Ion: 105 Resp: 603041

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.817 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

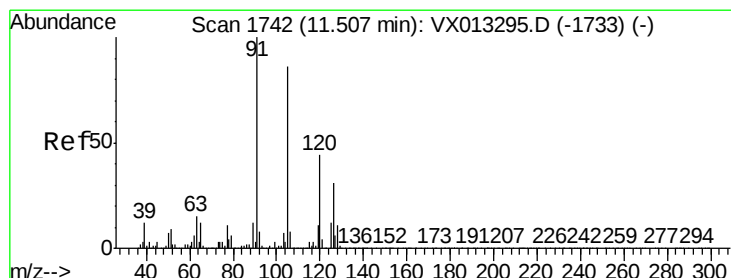
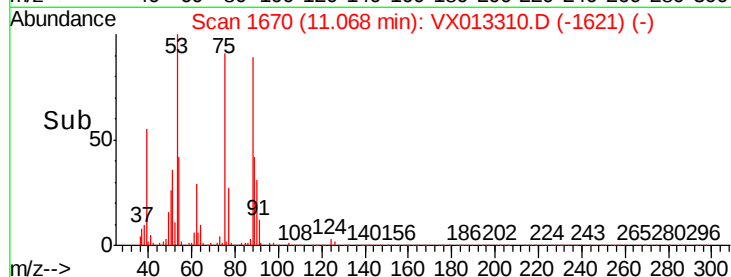
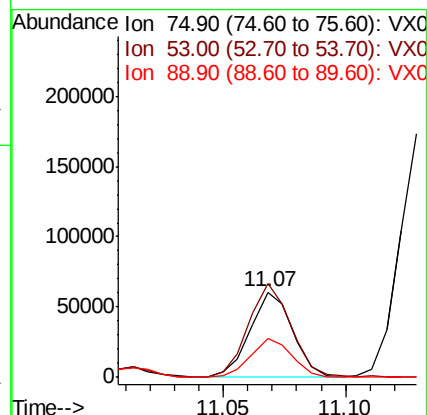
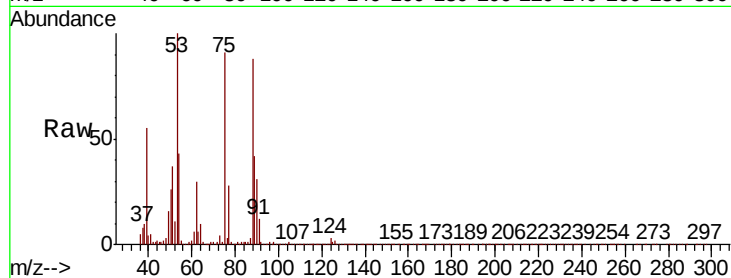
Tot Ion: 75 Resp: 73221

Ion Ratio Lower Upper

75 100

53 110.4 81.0 121.6

89 45.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 21.440 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013310.D

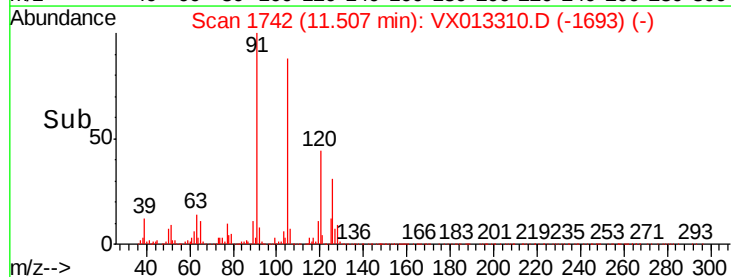
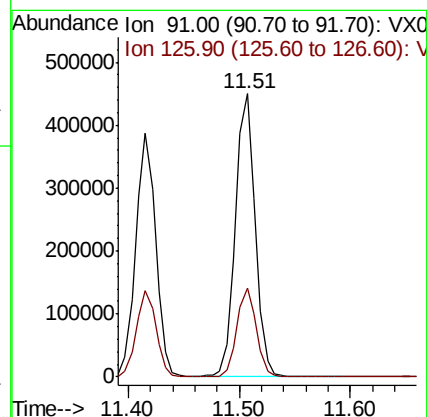
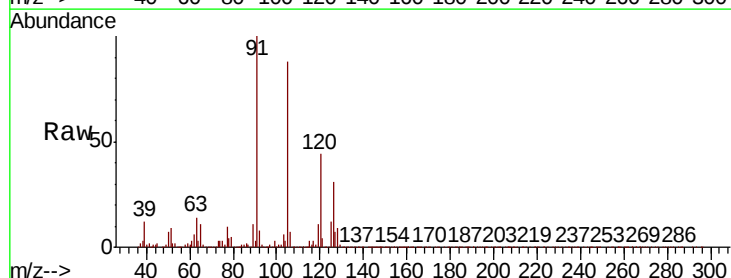
Acq: 01 Nov 2019 14:44

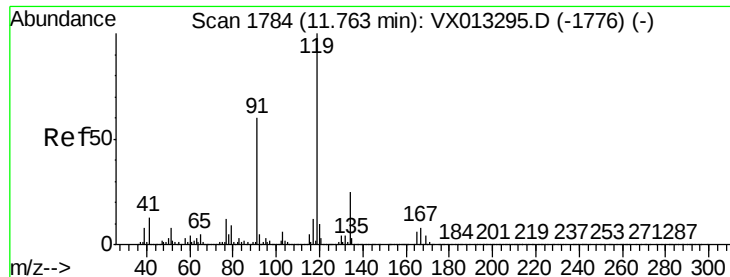
Tgt Ion: 91 Resp: 550710

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8

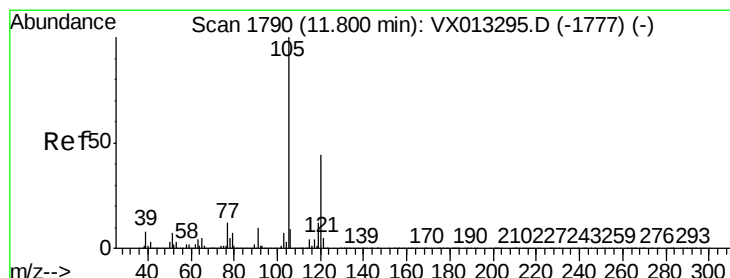
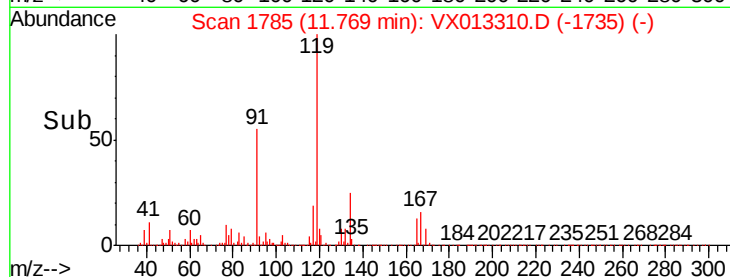
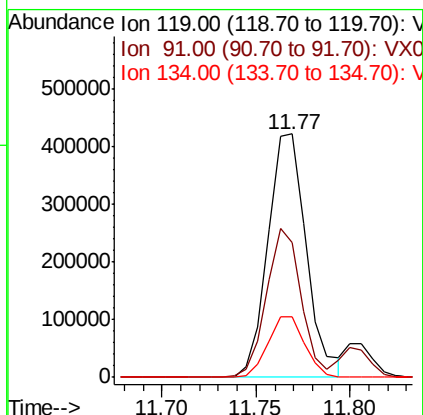
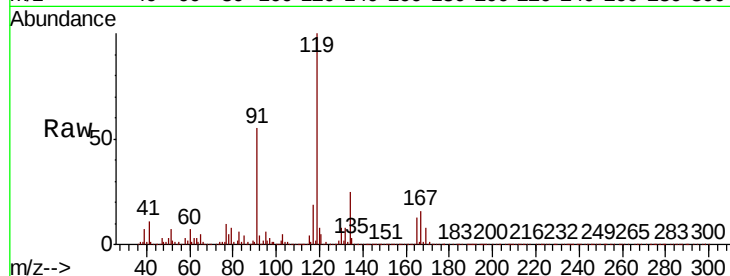




#83
tert-Butylbenzene
Concen: 21.847 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

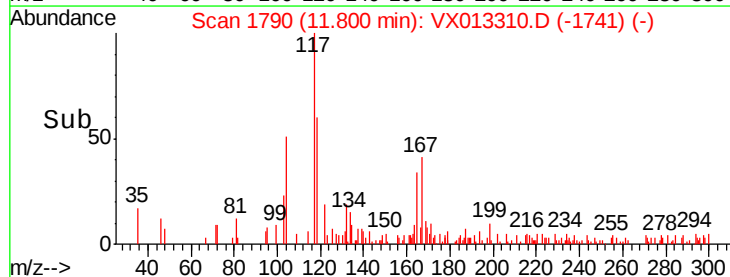
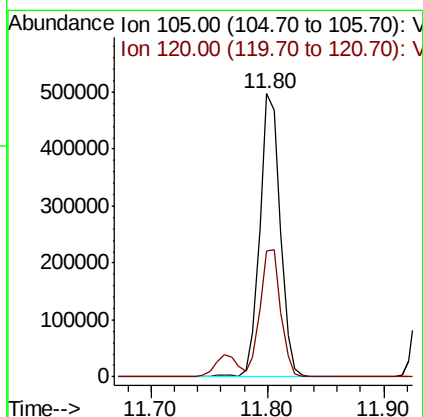
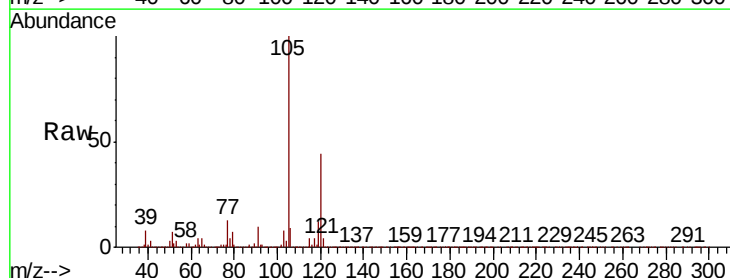
Instrument :
MSVOA_X
ClientSampleId :

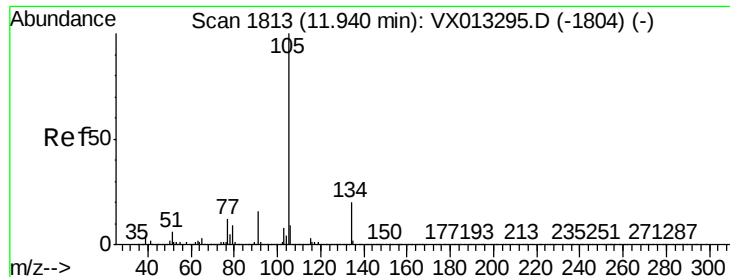
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	26.9	80.7
134	24.0	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 22.413 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.1

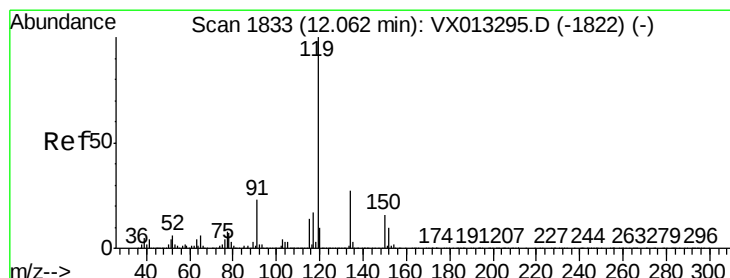
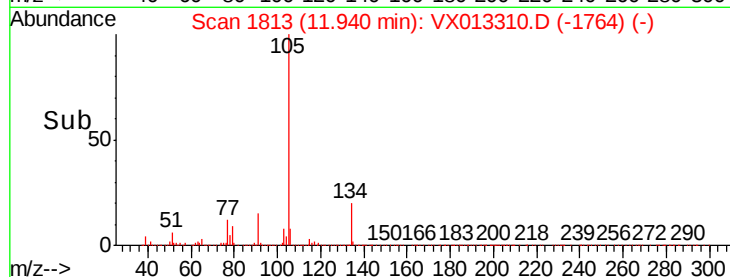
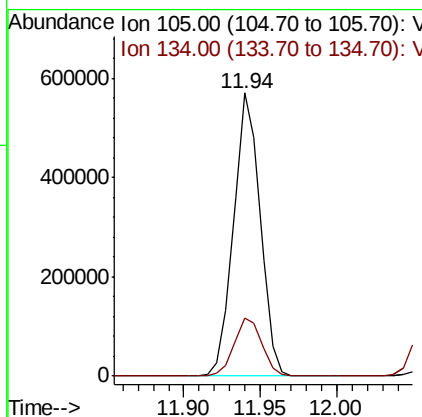
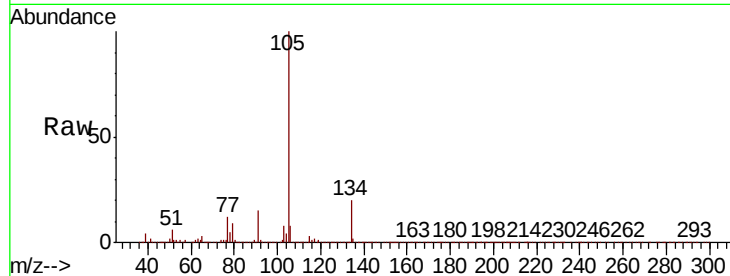




#85
 sec-Butylbenzene
 Concen: 21.748 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

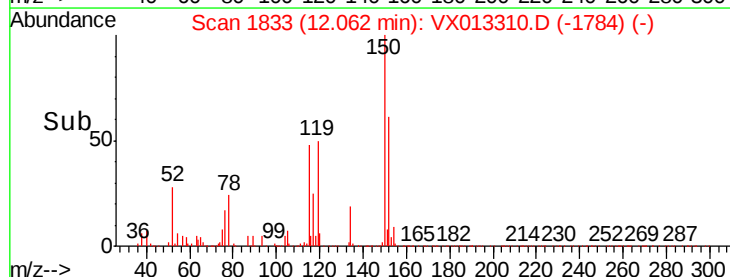
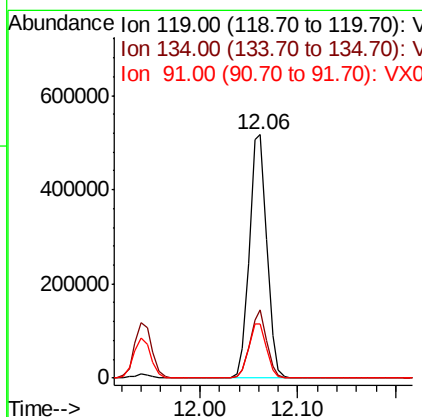
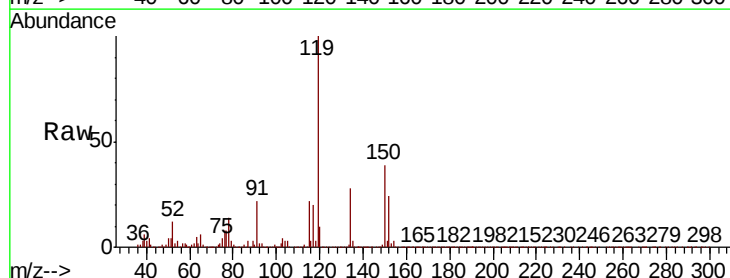
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 685202
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 22.066 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion:119 Resp: 640172
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.9 11.5 34.4

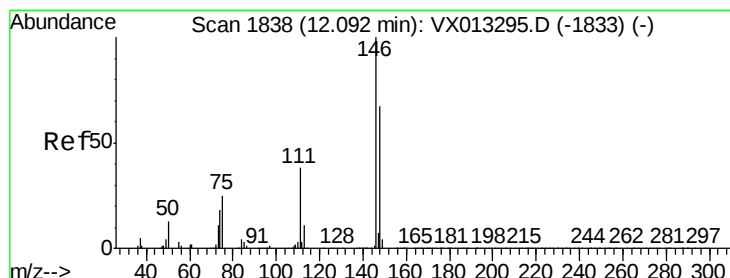
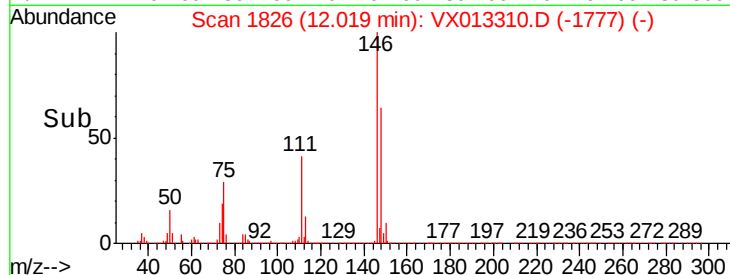
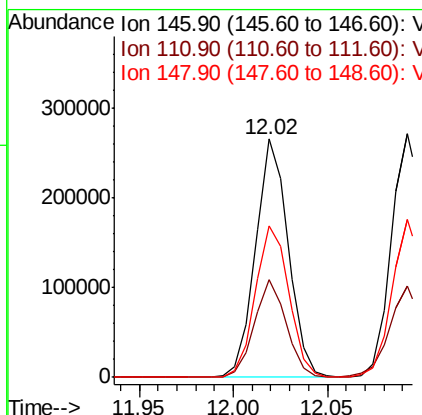
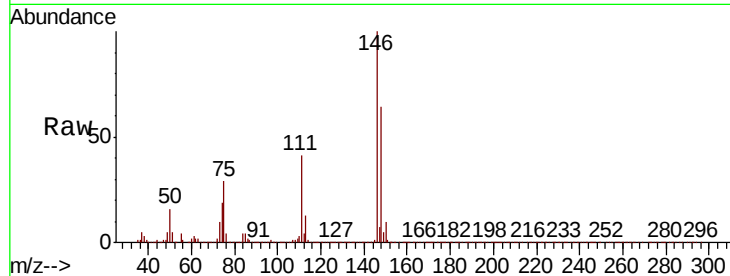




#87
 1,3-Dichlorobenzene
 Concen: 20.519 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

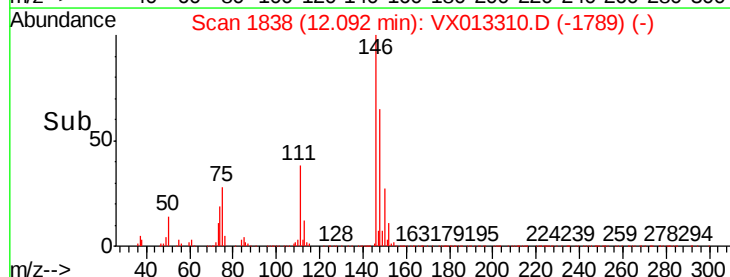
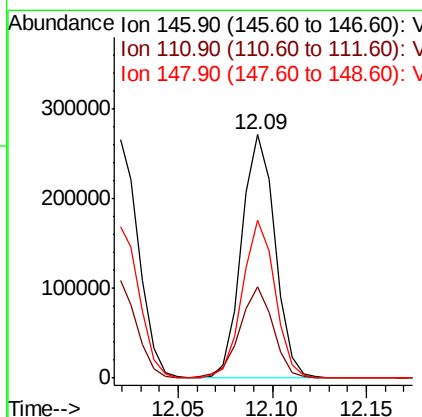
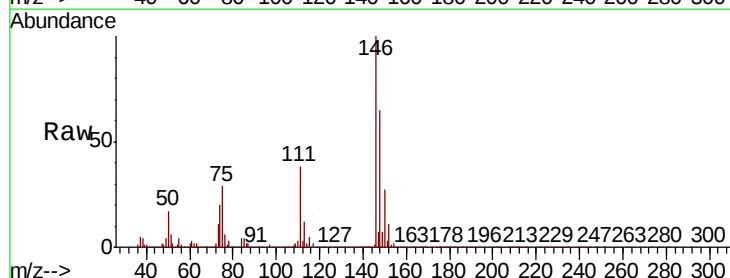
Instrument :
 MSVOA_X
 ClientSampleId :

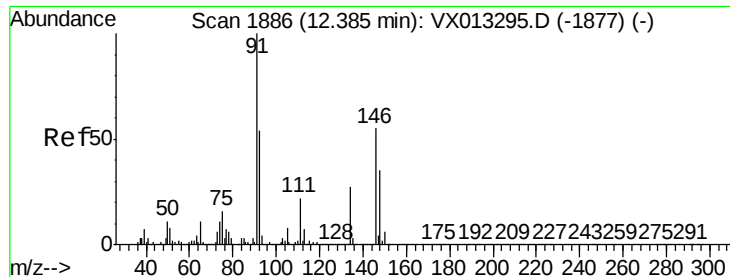
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.5
148	65.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.4
148	63.5	32.4	97.0





#89

n-Butylbenzene

Concen: 20.828 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

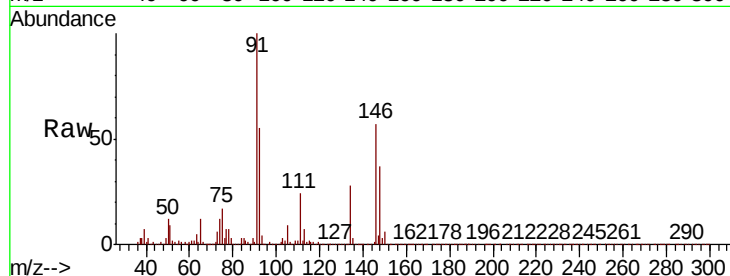
Tot Ion: 91 Resp: 527265

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

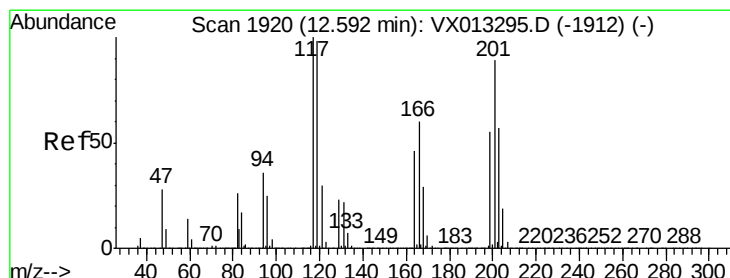
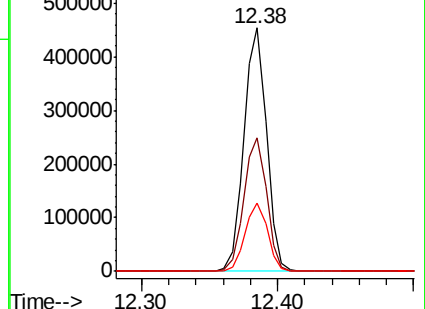
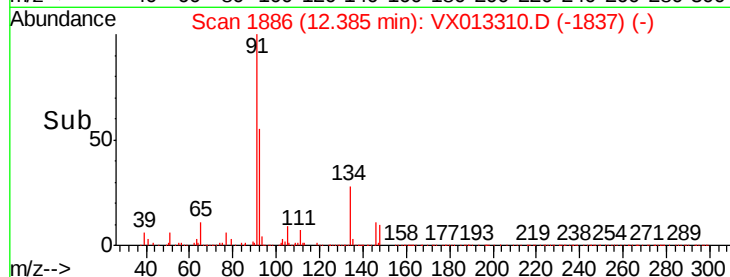
134 27.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX013310.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013310.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013310.D (-1837) (-)



#90

Hexachloroethane

Concen: 20.565 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013310.D

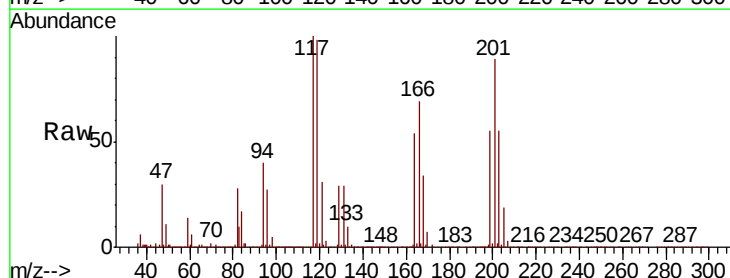
Acq: 01 Nov 2019 14:44

Tgt Ion: 117 Resp: 106303

Ion Ratio Lower Upper

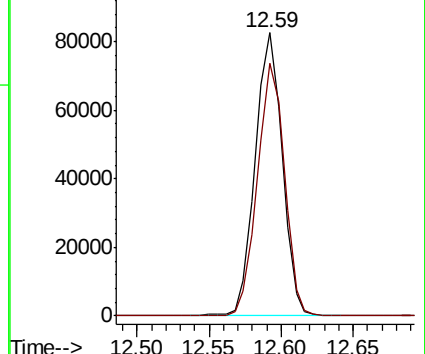
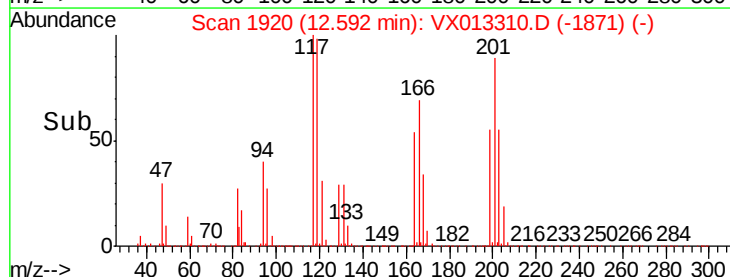
117 100

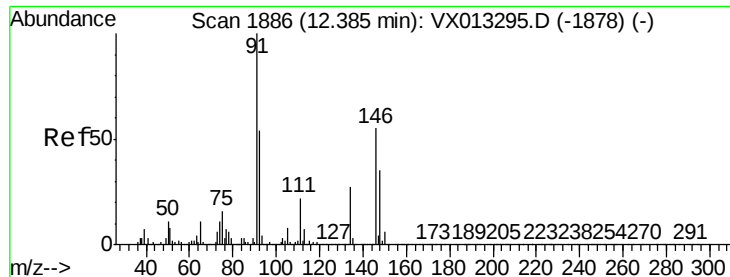
201 89.5 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): VX013310.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013310.D (-1871) (-)

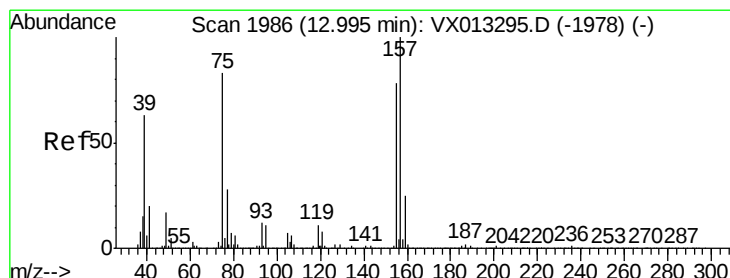
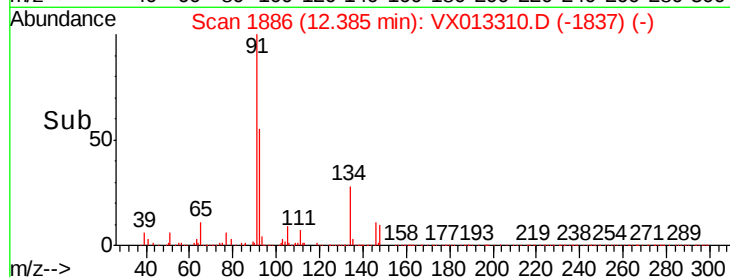
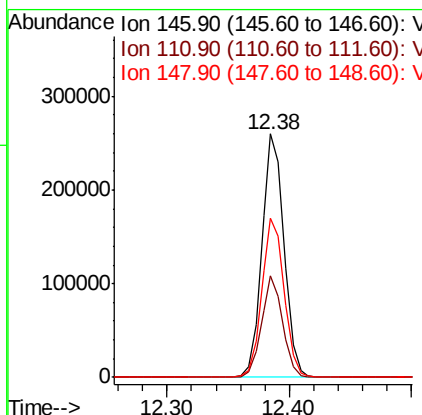
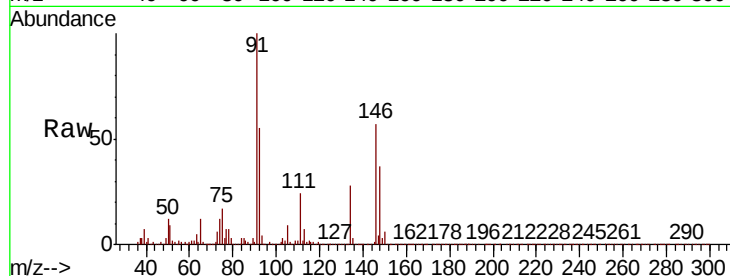




#91
 1,2-Dichlorobenzene
 Concen: 21.130 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

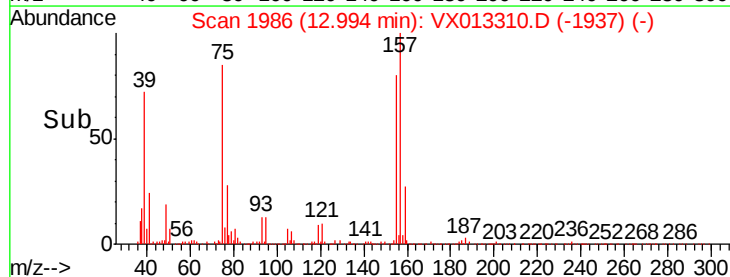
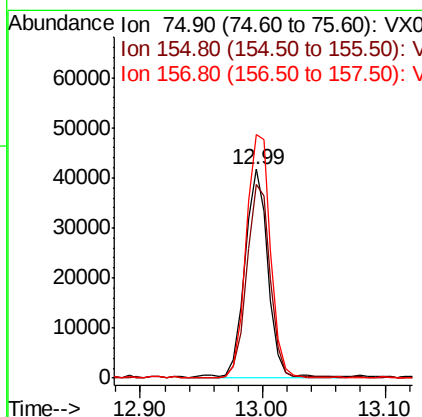
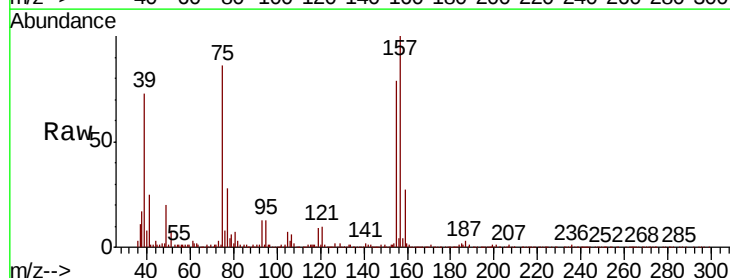
Instrument :
 MSVOA_X
 ClientSampleId :

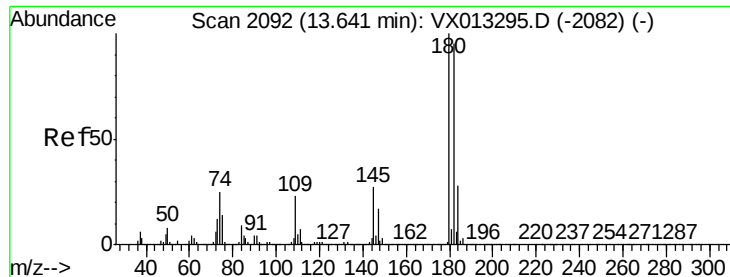
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	65.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.560 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	47.1	141.4
157	123.0	61.3	183.8

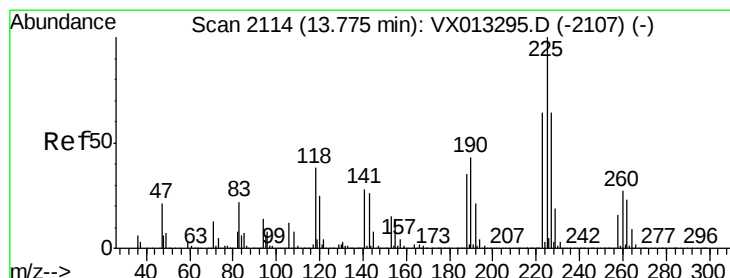
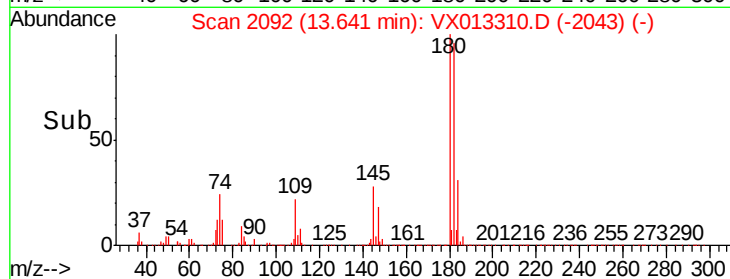
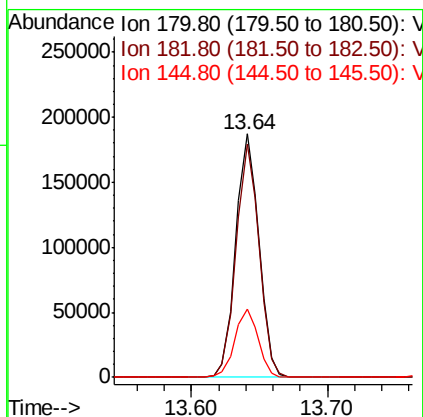
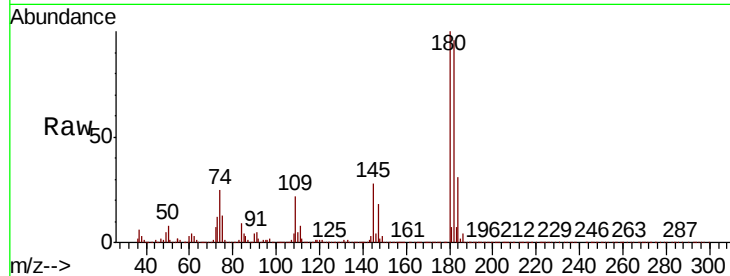




#93
 1,2,4-Trichlorobenzene
 Concen: 20.434 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

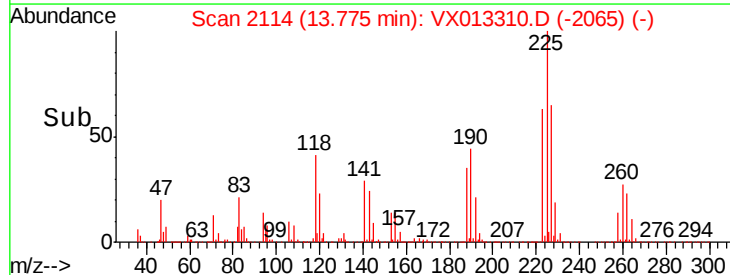
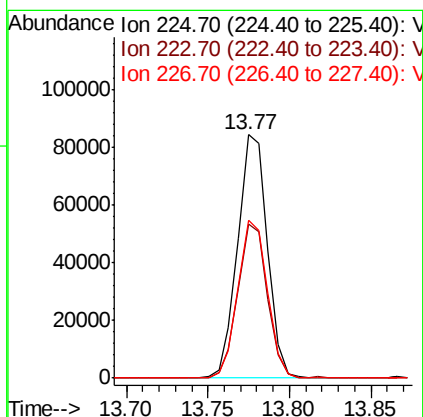
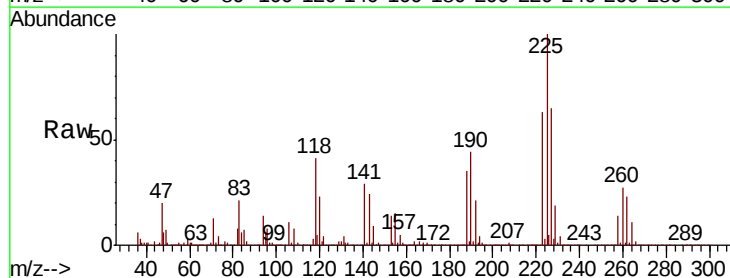
Instrument :
 MSVOA_X
 ClientSampled :

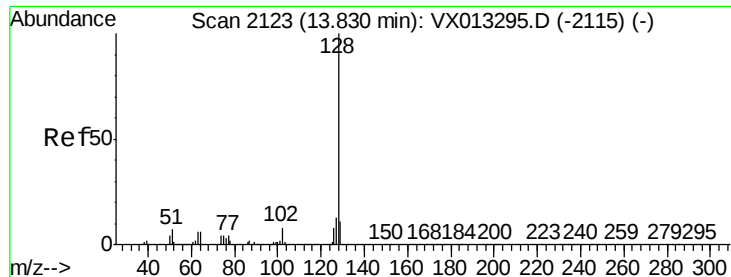
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	28.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 20.284 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	65.0	31.9	95.9





#95

Naphthalene

Concen: 21.188 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013310.D

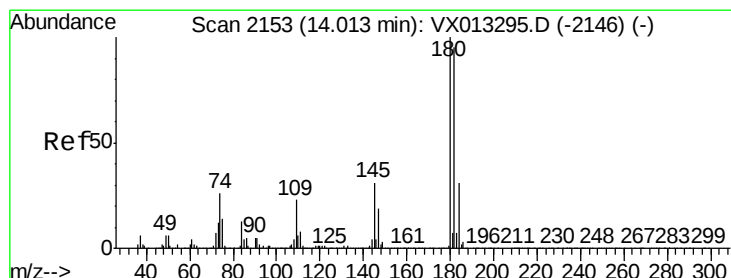
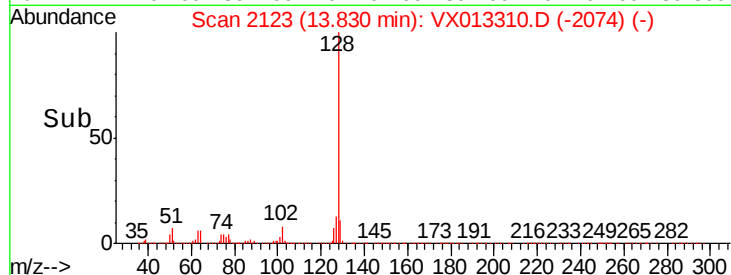
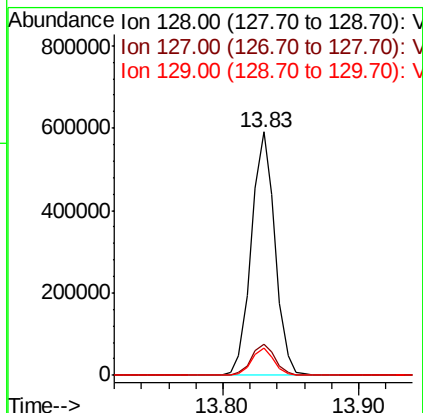
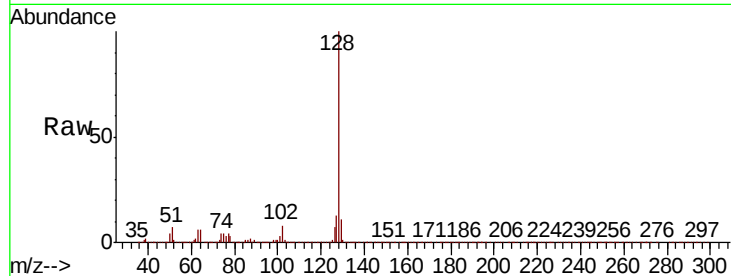
Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	128	Resp:	720130
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.5	12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.991 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	180	Resp:	228046
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	30.3	15.4	46.4

