

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012090.D
 Acq On : 05 Sep 2019 09:52
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 05 14:36:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	99471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	205314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	191454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95976	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	78672	57.32	ug/l	0.00
Spiked Amount			Recovery	=	114.64%	
35) Dibromofluoromethane	5.48	113	60157	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.71	98	224910	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.14	95	99909	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	42842	46.705	ug/l	95
3) Chloromethane	1.31	50	53890	57.365	ug/l	100
4) Vinyl Chloride	1.39	62	46600	52.725	ug/l	98
5) Bromomethane	1.62	94	28783	65.648	ug/l	98
6) Chloroethane	1.71	64	31940	58.131	ug/l	99
7) Trichlorofluoromethane	1.92	101	69761	50.818	ug/l	99
8) Diethyl Ether	2.17	74	30657	64.624	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49495	48.678	ug/l #	83
10) Methyl Iodide	2.50	142	37332	38.184	ug/l	94
11) Tert butyl alcohol	3.03	59	38833	294.570	ug/l	96
12) 1,1-Dichloroethene	2.36	96	50922	51.989	ug/l	93
13) Acrolein	2.28	56	632	Below Cal	#	82
14) Allyl chloride	2.72	41	100449	56.676	ug/l	98
15) Acrylonitrile	3.12	53	90860	304.797	ug/l	99
16) Acetone	2.43	43	79635	242.747	ug/l	100
17) Carbon Disulfide	2.56	76	159639	55.768	ug/l	99
18) Methyl Acetate	2.76	43	84994	109.980	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	197274	61.865	ug/l	100
20) Methylene Chloride	2.84	84	73467	55.768	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	64675	56.268	ug/l	94
22) Diisopropyl ether	3.84	45	221899	61.426	ug/l	94
23) Vinyl Acetate	3.80	43	548709	234.804	ug/l	98
24) 1,1-Dichloroethane	3.68	63	123335	58.867	ug/l	98
25) 2-Butanone	4.65	43	123169	294.950	ug/l	95
26) 2,2-Dichloropropane	4.56	77	75465	39.013	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	78998	58.633	ug/l	94
28) Bromochloromethane	5.00	49	52072	62.262	ug/l #	80
29) Tetrahydrofuran	5.11	42	78665	312.660	ug/l	99
30) Chloroform	5.19	83	133829	59.529	ug/l	95
31) Cyclohexane	5.56	56	81005	48.140	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	109865	56.111	ug/l	97
36) 1,1-Dichloropropene	5.79	75	85995	47.556	ug/l	96
37) Ethyl Acetate	4.82	43	51051	51.916	ug/l	98
38) Carbon Tetrachloride	5.77	117	90448	47.468	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.45	83	87096	41.499	ug/l	92
40) Benzene	6.13	78	272823	52.554	ug/l	98
41) Methacrylonitrile	5.02	41	33107	56.457	ug/l	99
42) 1,2-Dichloroethane	6.18	62	107973	57.797	ug/l	96
43) Isopropyl Acetate	6.43	43	107093	53.561	ug/l	98
44) Trichloroethene	7.20	130	71387	50.984	ug/l	88
45) 1,2-Dichloropropane	7.50	63	72160	53.801	ug/l	99
46) Dibromomethane	7.65	93	43742	55.867	ug/l #	74
47) Bromodichloromethane	7.89	83	108472	54.504	ug/l	96
48) Methyl methacrylate	7.76	41	57927	57.619	ug/l	96
49) 1,4-Dioxane	7.73	88	15703	1145.791	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	283405	278.668	ug/l	97
52) Toluene	8.78	92	175281	51.894	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101550	49.286	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	112445	49.076	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	59710	53.342	ug/l	97
56) Ethyl methacrylate	9.17	69	86016	53.647	ug/l	95
57) 1,3-Dichloropropane	9.37	76	106157	54.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	197810	273.649	ug/l	94
59) 2-Hexanone	9.48	43	198448	267.422	ug/l	97
60) Dibromochloromethane	9.57	129	72432	54.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59126	54.663	ug/l	100
64) Tetrachloroethene	9.33	164	71189	59.642	ug/l #	84
65) Chlorobenzene	10.14	112	194175	51.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	72475	52.471	ug/l	98
67) Ethyl Benzene	10.25	91	344407	50.018	ug/l	95
68) m/p-Xylenes	10.35	106	255139	100.569	ug/l	91
69) o-Xylene	10.70	106	126835	51.558	ug/l	92
70) Styrene	10.71	104	223243	52.246	ug/l	95
71) Bromoform	10.85	173	39937	52.642	ug/l #	98
73) Isopropylbenzene	11.01	105	332836	47.265	ug/l	96
74) N-amyl acetate	10.89	43	84671	40.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	73719	50.215	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77186	65.820	ug/l	79
77) Bromobenzene	11.25	156	80530	51.132	ug/l	69
78) n-propylbenzene	11.35	91	393146	46.212	ug/l	94
79) 2-Chlorotoluene	11.42	91	251460	48.789	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	297960	48.283	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	18606	37.510	ug/l	90
82) 4-Chlorotoluene	11.51	91	303327	49.377	ug/l	91
83) tert-Butylbenzene	11.76	119	271832	46.216	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	306552	48.333	ug/l	95
85) sec-Butylbenzene	11.94	105	331584	45.387	ug/l	94
86) p-Isopropyltoluene	12.06	119	286196	43.076	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	154570	48.979	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	159413	50.519	ug/l	94
89) n-Butylbenzene	12.39	91	285920	44.300	ug/l	96
90) Hexachloroethane	12.59	117	59664	44.975	ug/l	59
91) 1,2-Dichlorobenzene	12.39	146	148004	52.073	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15837	51.552	ug/l	64

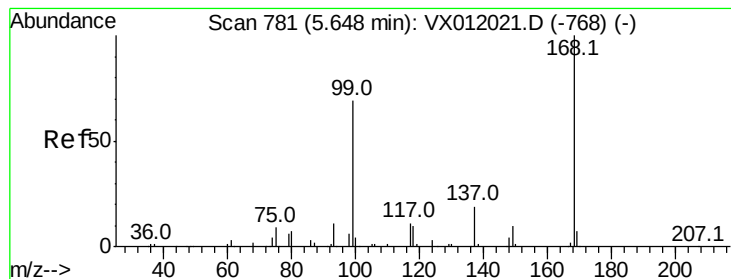
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	95145	47.031	ug/l	96
94) Hexachlorobutadiene	13.78	225	45404	44.524	ug/l	99
95) Naphthalene	13.83	128	226710	51.780	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87975	49.430	ug/l	95

(#) = 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: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

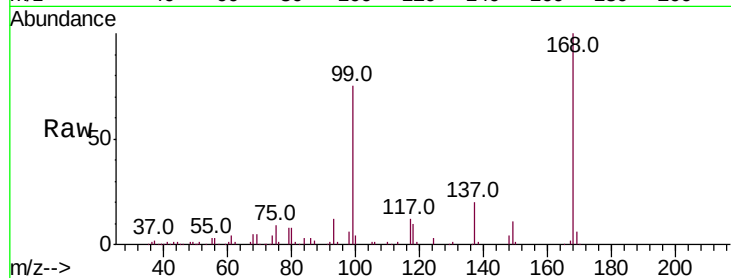
ClientSampled :

Tot Ion:168 Resp: 99471

Ion Ratio Lower Upper

168 100

99 74.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

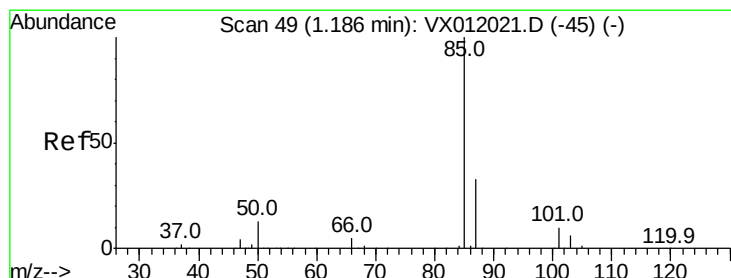
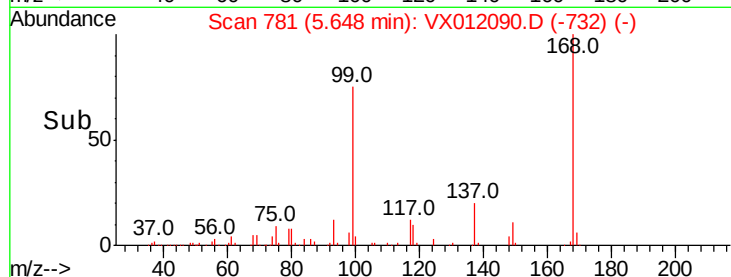
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 46.705 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012090.D

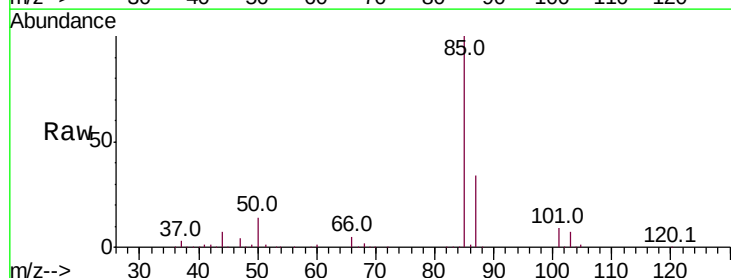
Acq: 05 Sep 2019 09:52

Tgt Ion: 85 Resp: 42842

Ion Ratio Lower Upper

85 100

87 34.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

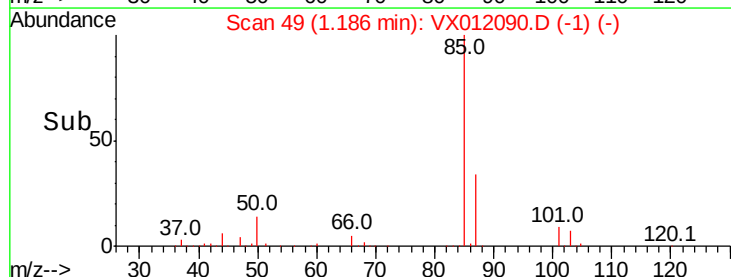
30000

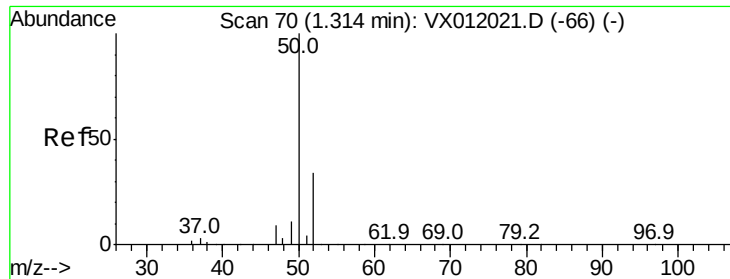
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 57.365 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

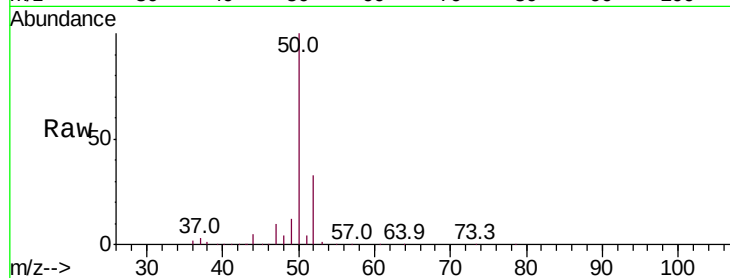
ClientSampleId :

Tot Ion: 50 Resp: 53890

Ion Ratio Lower Upper

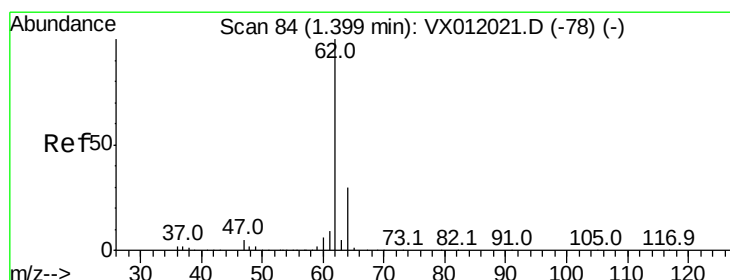
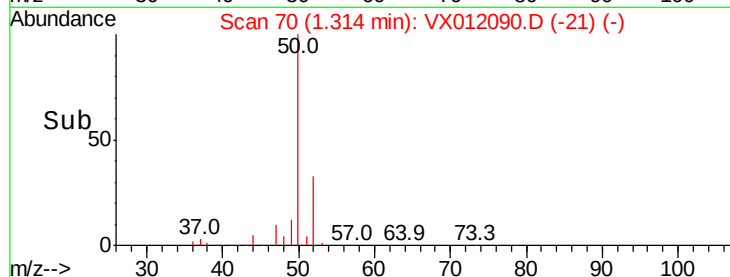
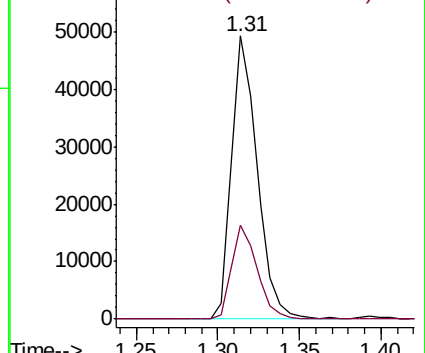
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.725 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012090.D

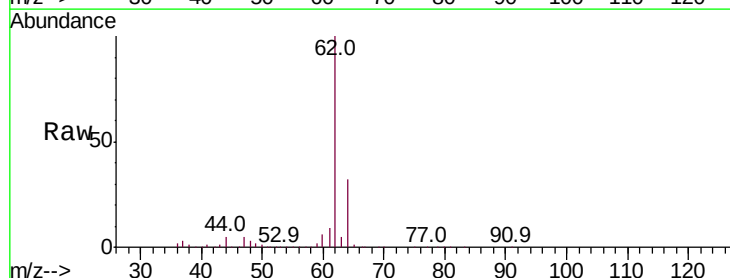
Acq: 05 Sep 2019 09:52

Tgt Ion: 62 Resp: 46600

Ion Ratio Lower Upper

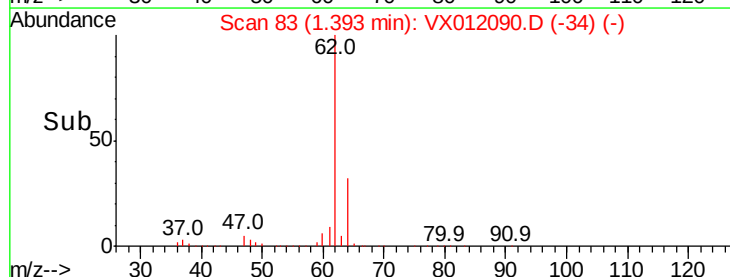
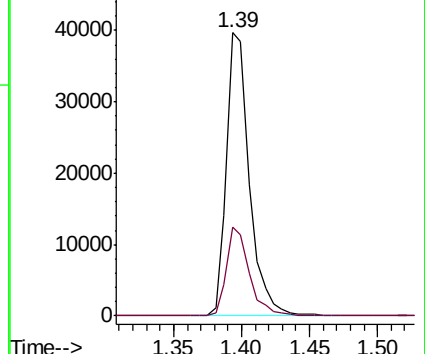
62 100

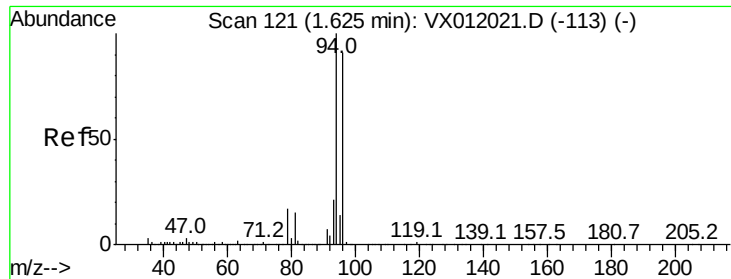
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 65.648 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

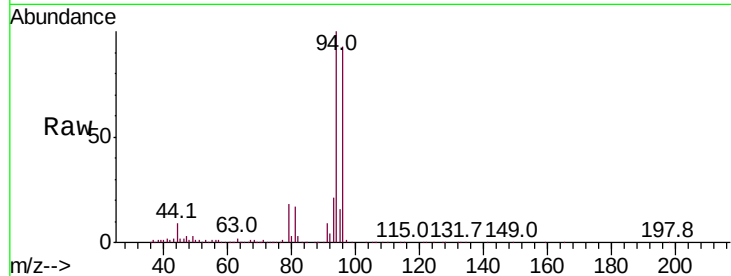
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 28783

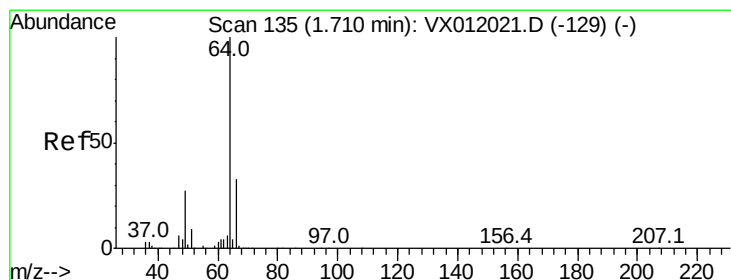
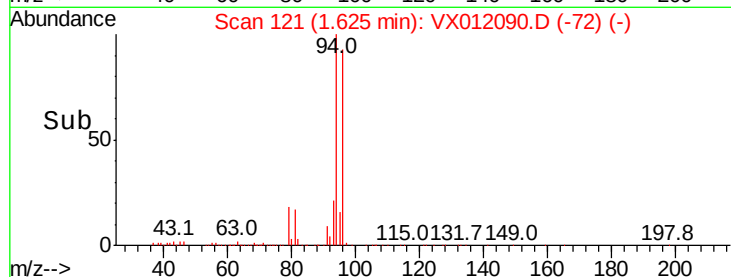
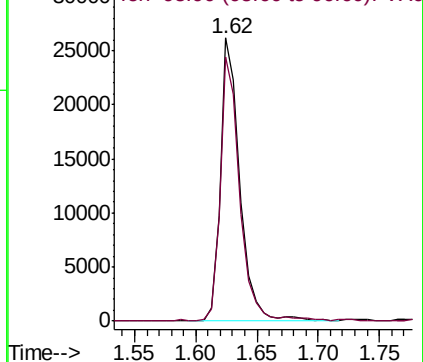
Ion Ratio Lower Upper

94 100

96 93.4 76.3 114.5



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



#6

Chloroethane

Concen: 58.131 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012090.D

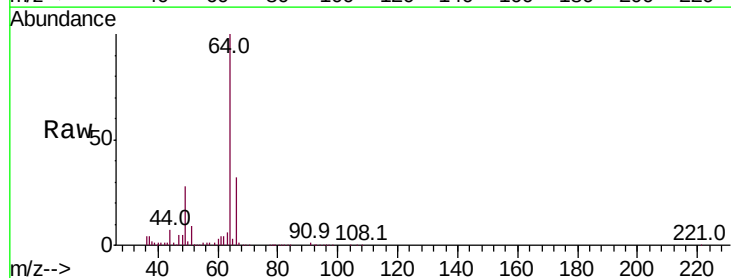
Acq: 05 Sep 2019 09:52

Tgt Ion: 64 Resp: 31940

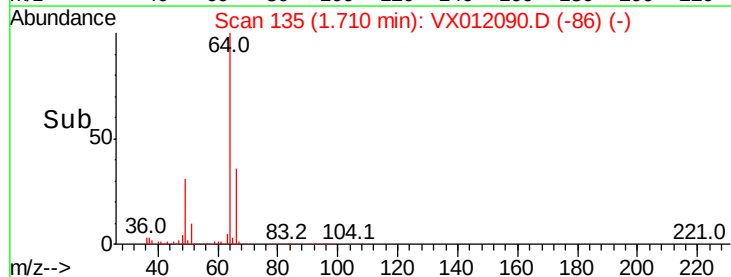
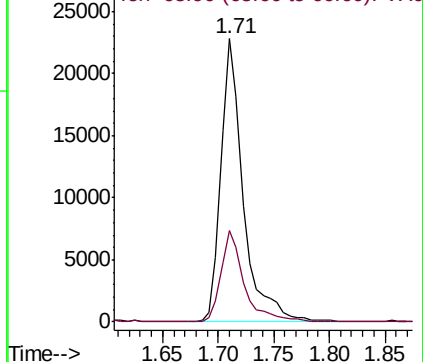
Ion Ratio Lower Upper

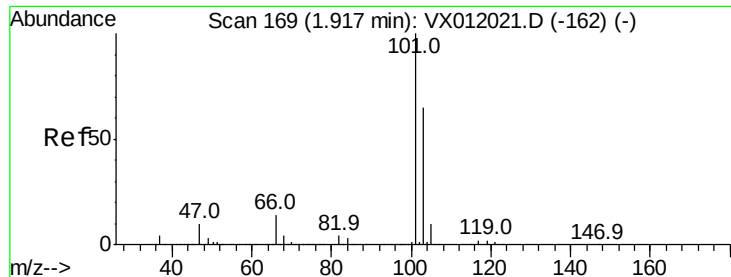
64 100

66 32.3 26.3 39.5



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



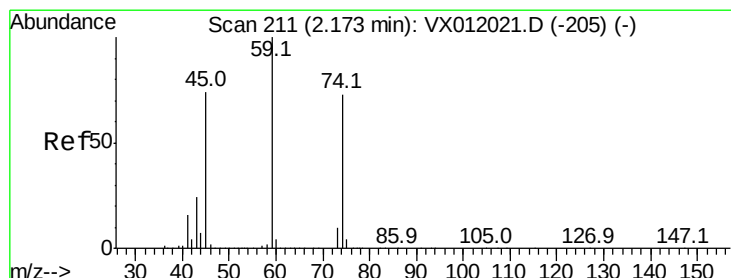
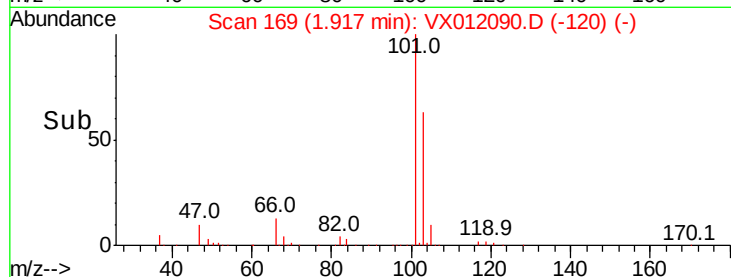
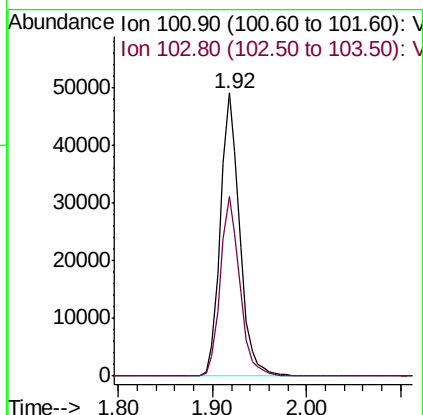
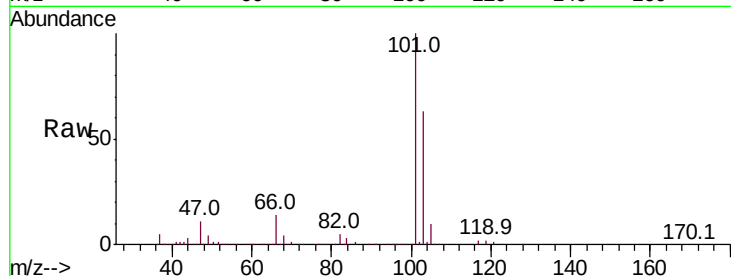


#7

Trichlorofluoromethane
 Concen: 50.818 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampled :

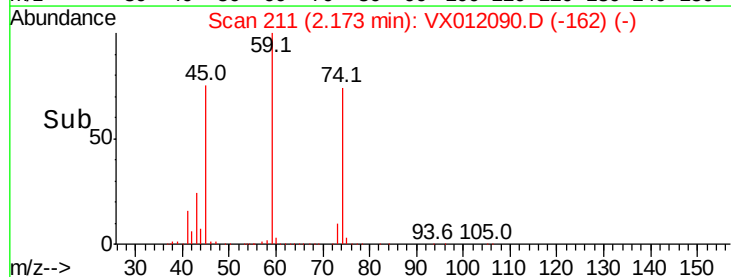
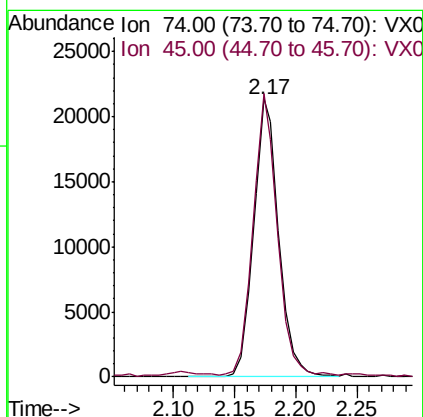
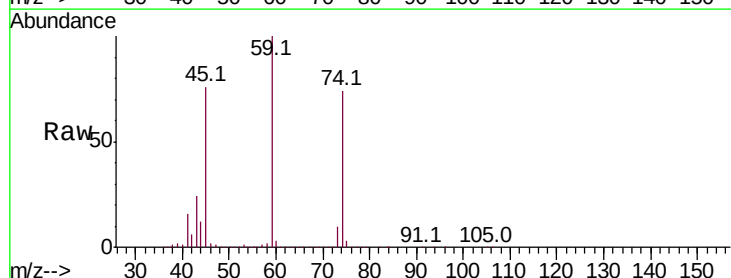
Tot Ion:101 Resp: 69761
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.6 77.4

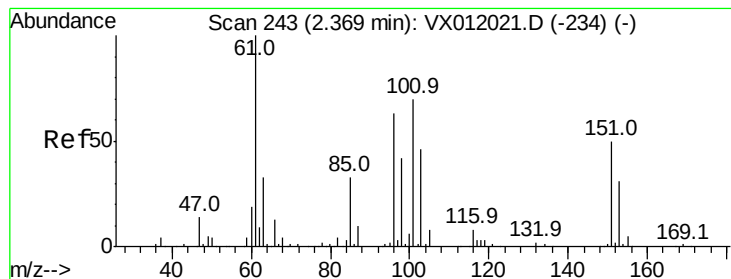


#8

Diethyl Ether
 Concen: 64.624 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 74 Resp: 30657
 Ion Ratio Lower Upper
 74 100
 45 97.2 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.678 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

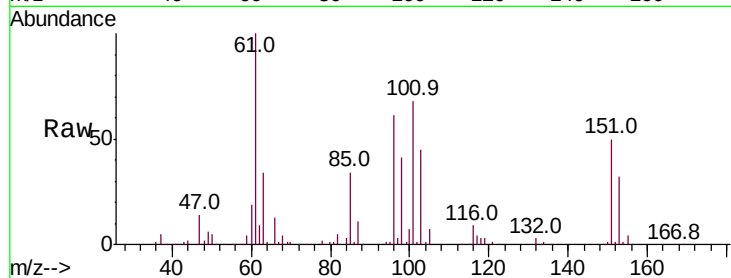
Tot Ion:101 Resp: 49495

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

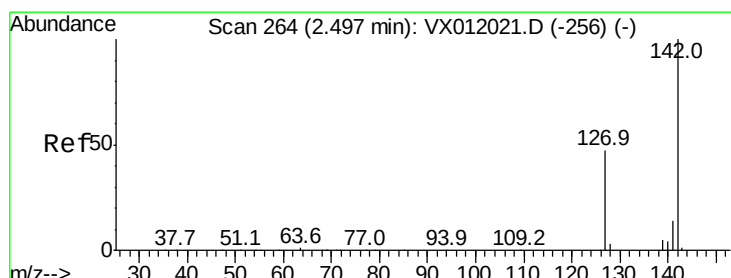
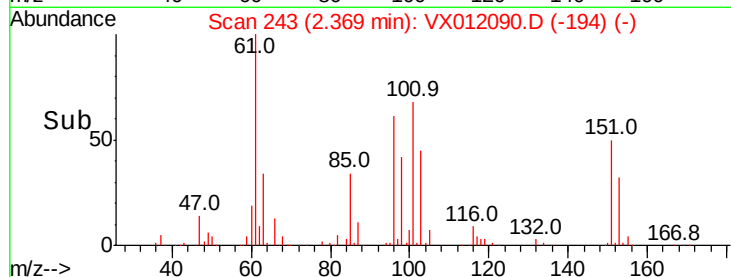
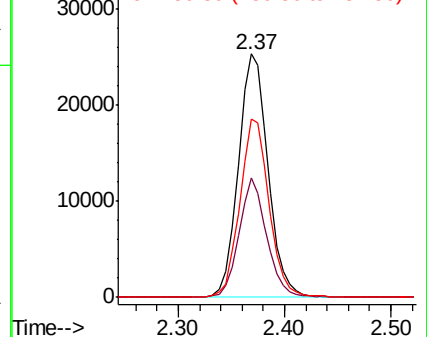
151 71.9 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.184 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

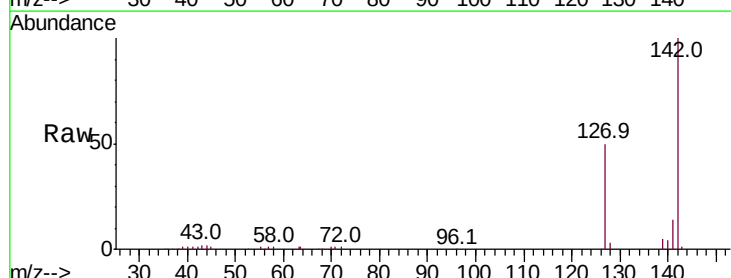
Tgt Ion:142 Resp: 37332

Ion Ratio Lower Upper

142 100

127 49.3 35.4 53.2

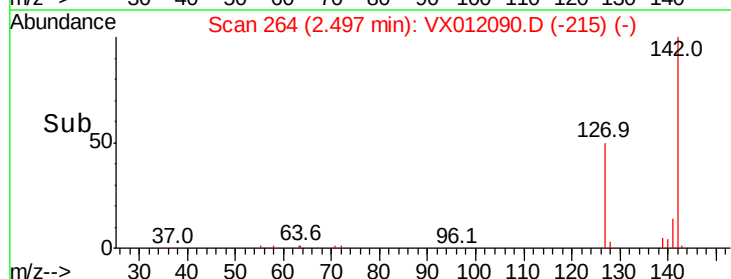
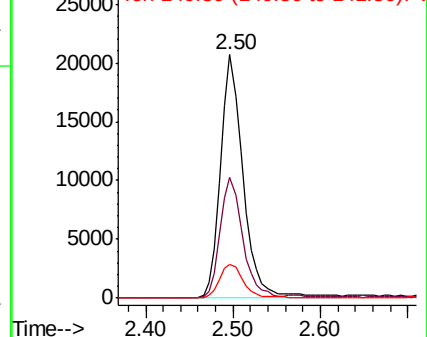
141 14.6 11.4 17.2

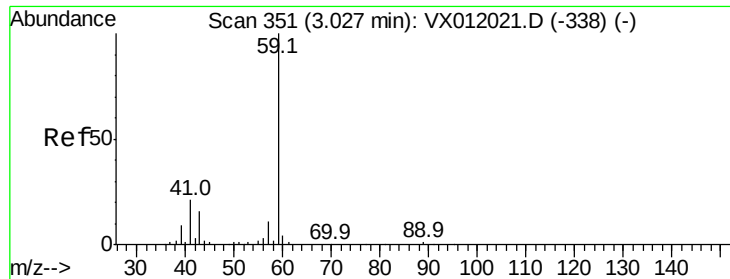


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

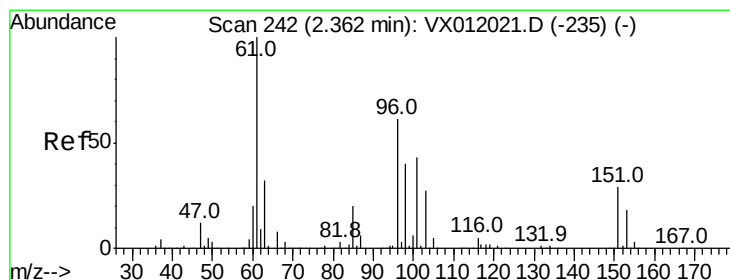
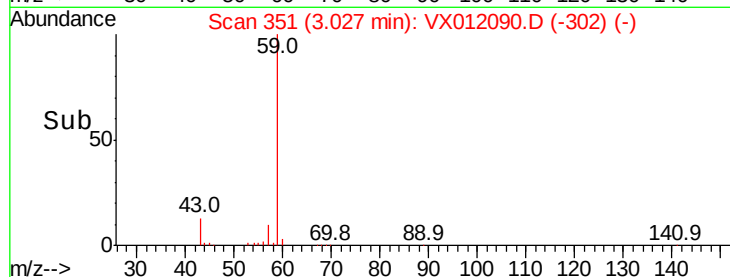
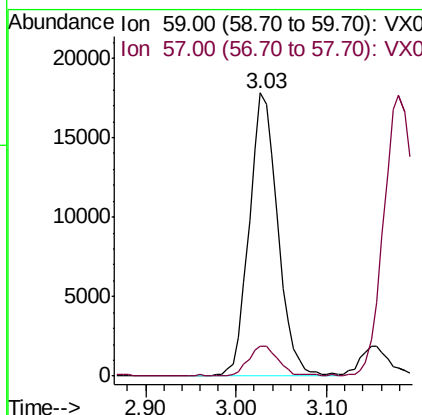
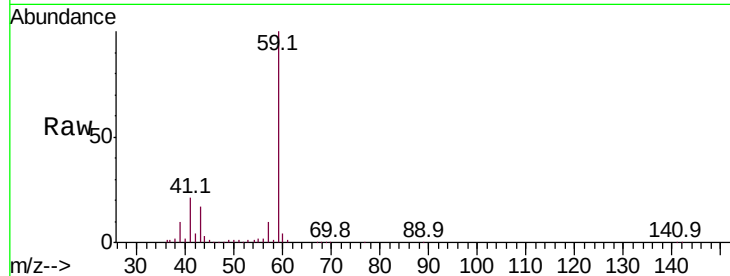




#11
Tert butyl alcohol
Concen: 294.570 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

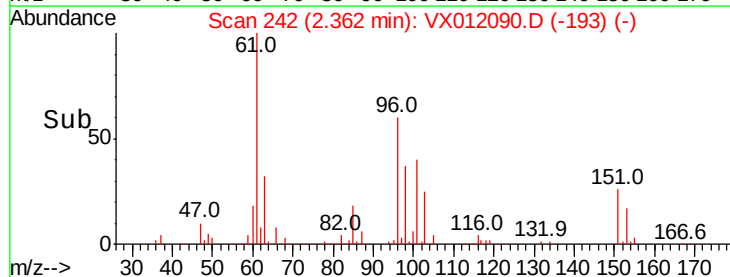
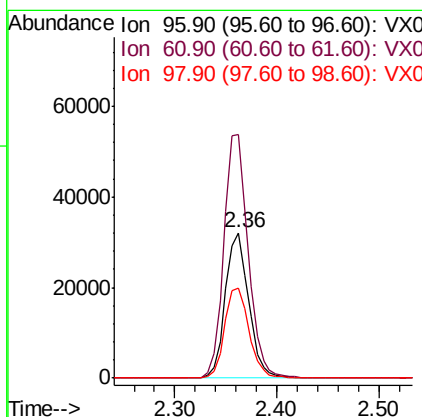
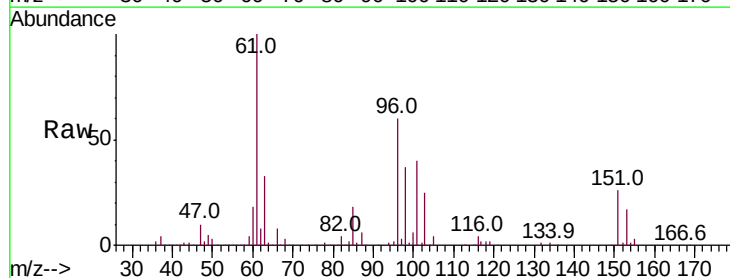
Instrument :
MSVOA_X
ClientSampleId :

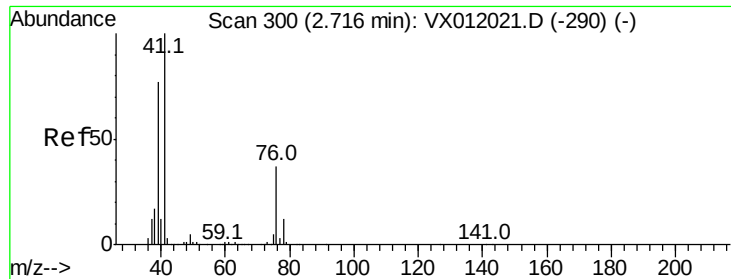
Tot Ion: 59 Resp: 38833
Ion Ratio Lower Upper
59 100
57 11.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 51.989 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion: 96 Resp: 50922
Ion Ratio Lower Upper
96 100
61 167.7 124.1 186.1
98 61.9 50.2 75.2



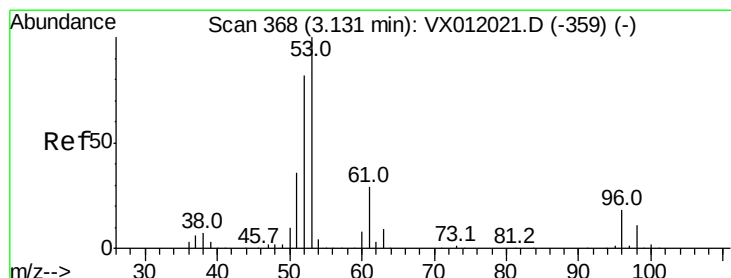
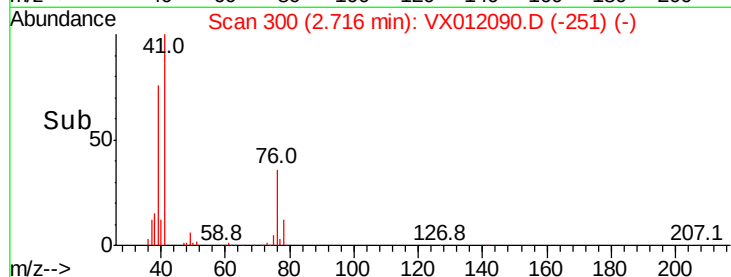
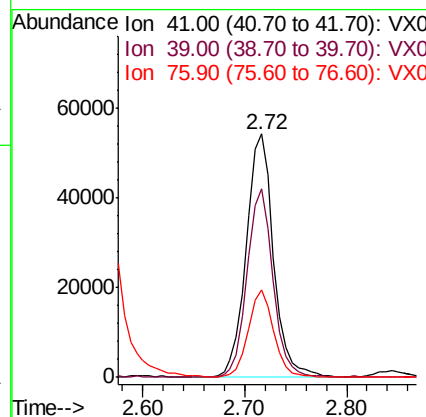
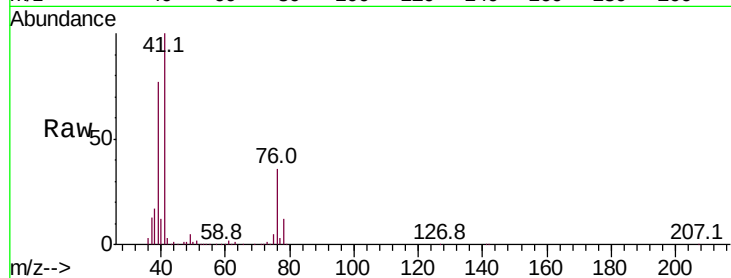


#14
 Allvl chloride
 Concen: 56.676 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 41 Resp: 100449

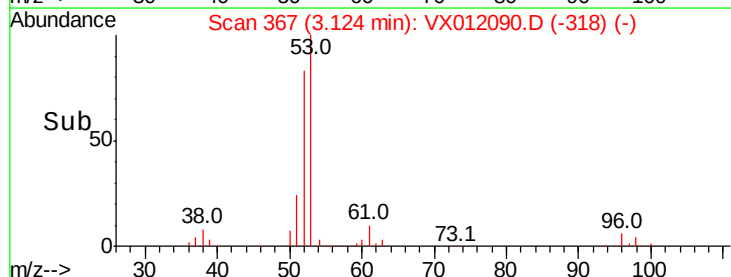
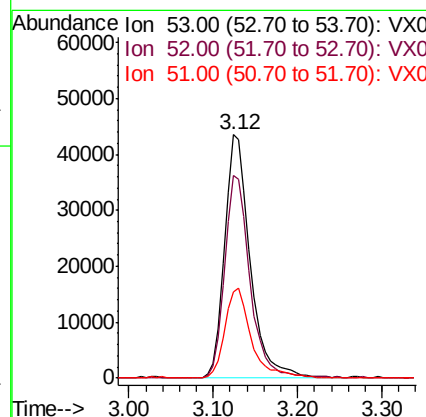
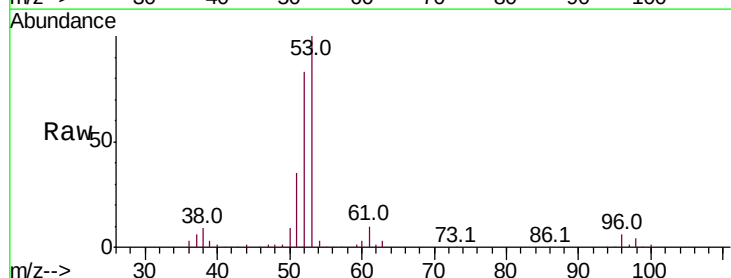
Ion	Ratio	Lower	Upper
41	100		
39	73.5	57.9	86.9
76	33.7	28.5	42.7

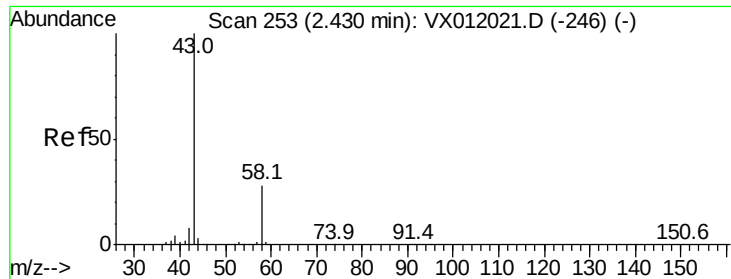


#15
 Acrylonitrile
 Concen: 304.797 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 53 Resp: 90860

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.6	98.4
51	38.5	29.8	44.6





#16

Acetone

Concen: 242.747 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

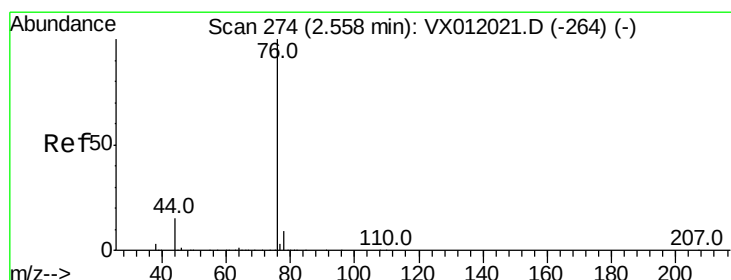
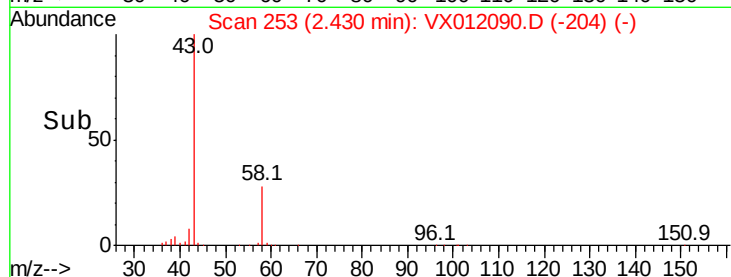
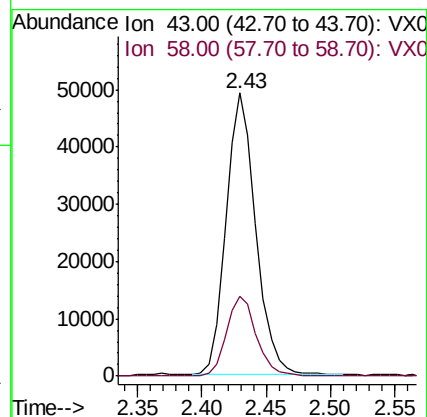
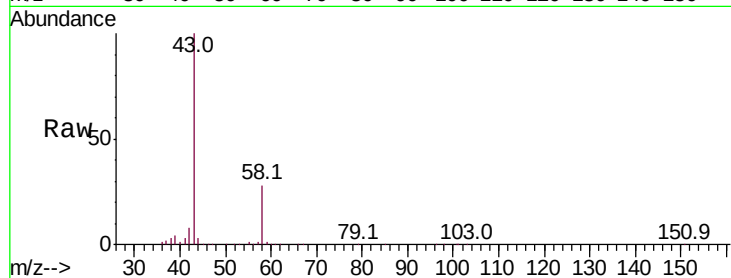
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 79635

Ion Ratio Lower Upper

43 100

58 28.4 22.8 34.2



#17

Carbon Disulfide

Concen: 55.768 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012090.D

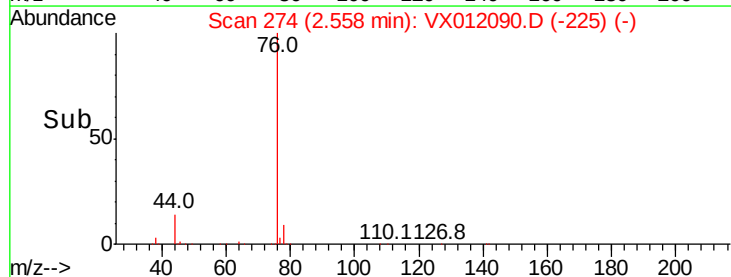
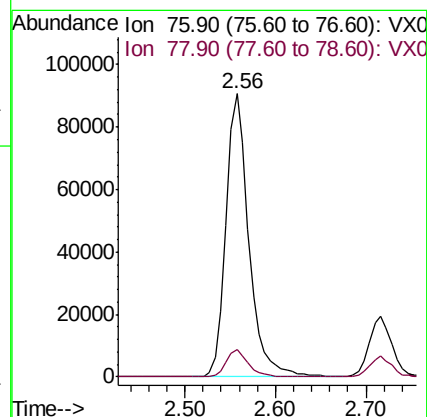
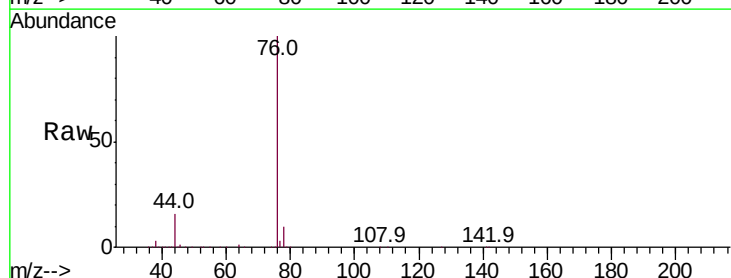
Acq: 05 Sep 2019 09:52

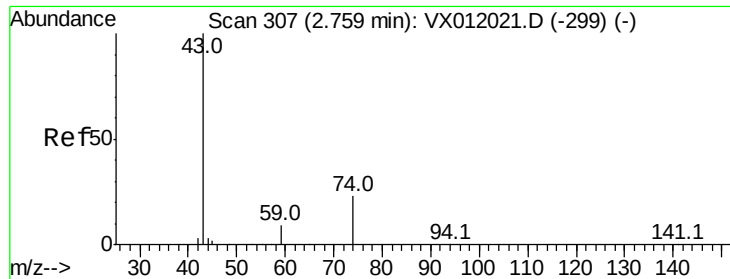
Tgt Ion: 76 Resp: 159639

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

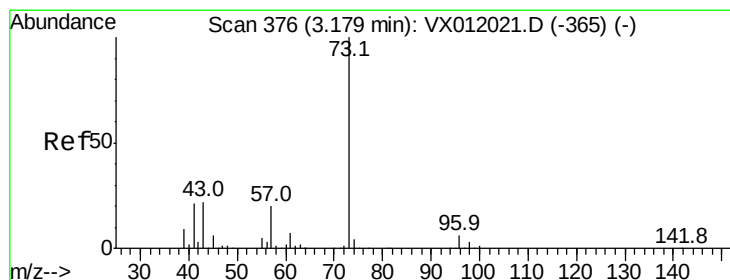
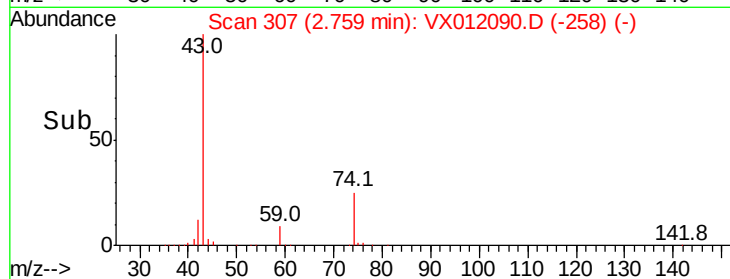
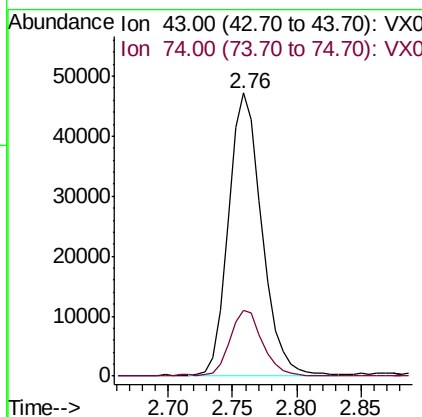
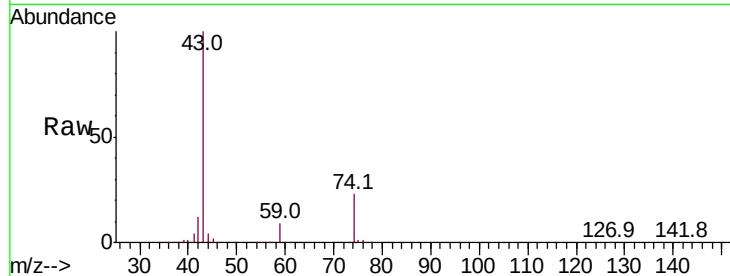




#18
Methvl Acetate
Concen: 109.980 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

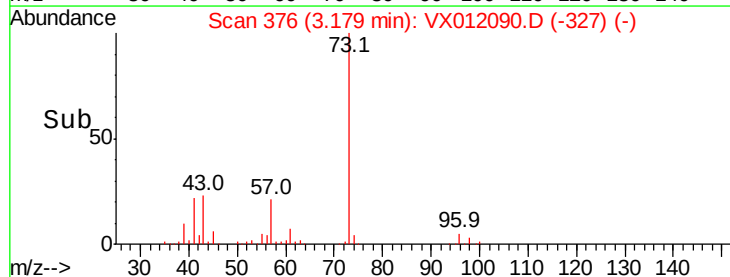
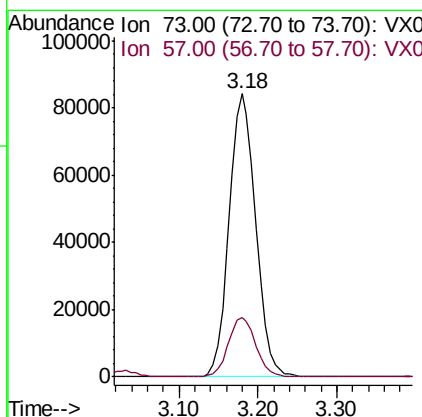
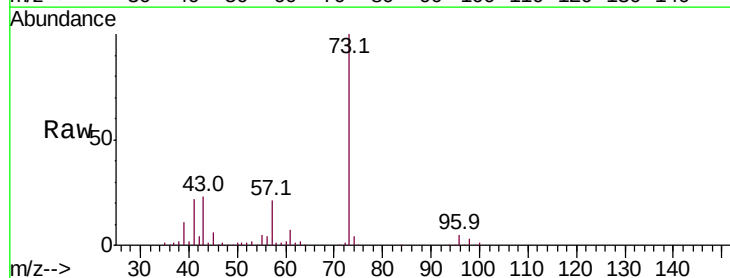
Instrument :
MSVOA_X
ClientSampled :

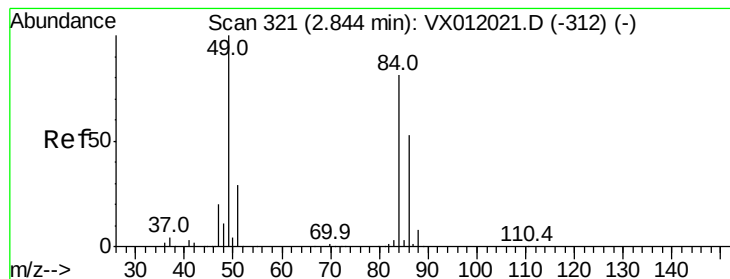
Tot Ion: 43 Resp: 84994
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3



#19
Methyl tert-butyl Ether
Concen: 61.865 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion: 73 Resp: 197274
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0





#20

Methylene Chloride

Concen: 55.768 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 73467

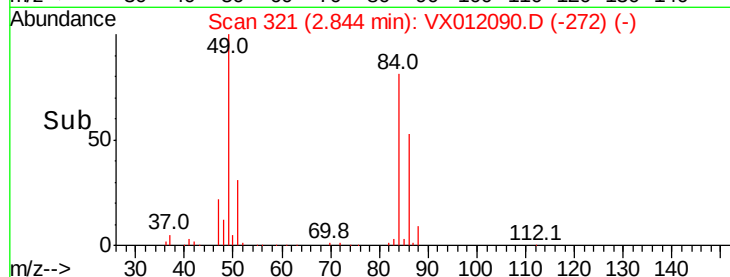
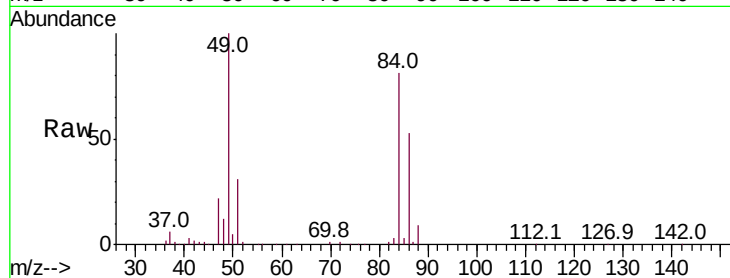
Ion	Ratio	Lower	Upper
84	100		
49	123.6	95.8	143.8
51	38.2	28.6	43.0
86	65.4	50.9	76.3

84 100

49 123.6 95.8 143.8

51 38.2 28.6 43.0

86 65.4 50.9 76.3



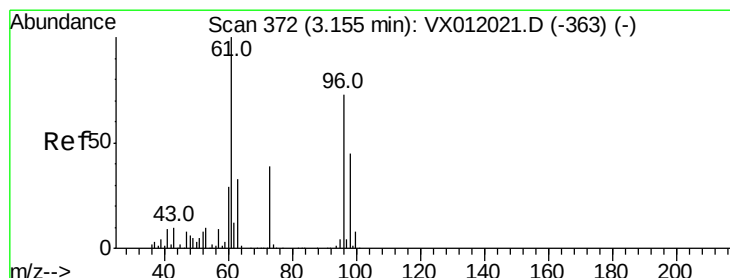
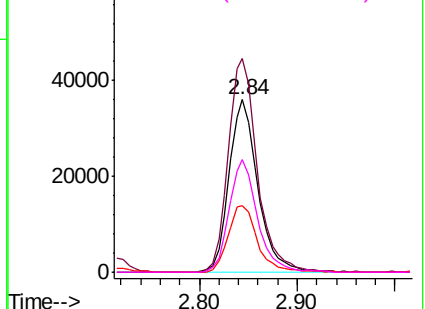
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 56.268 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

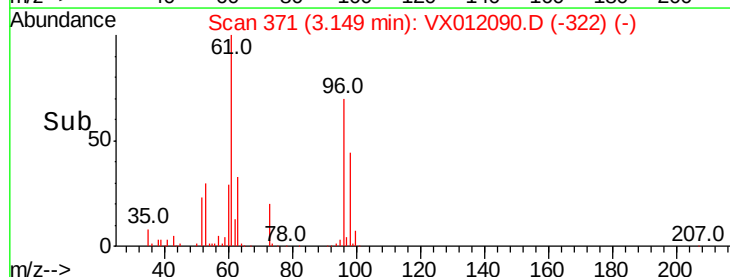
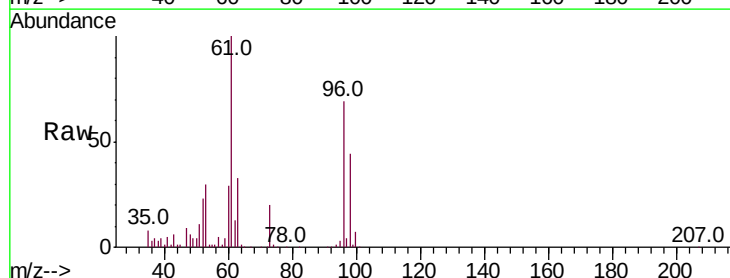
Tgt Ion: 96 Resp: 64675

Ion	Ratio	Lower	Upper
96	100		
61	143.7	107.0	160.6
98	63.8	49.8	74.6

96 100

61 143.7 107.0 160.6

98 63.8 49.8 74.6

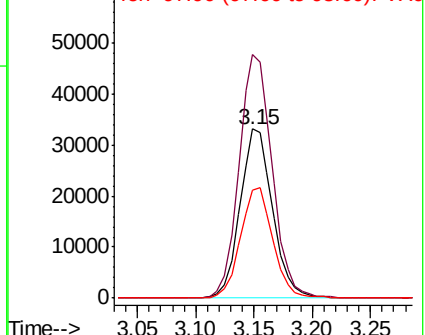


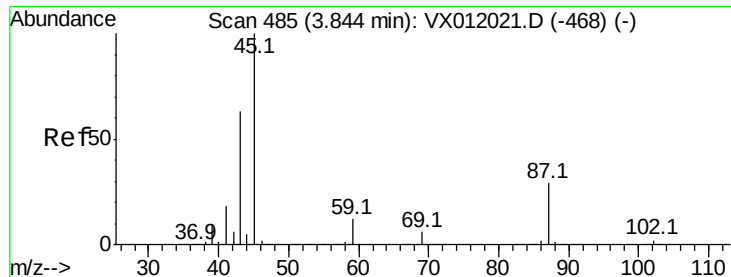
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#22

Diisopropyl ether

Concen: 61.426 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 45 Resp: 221899

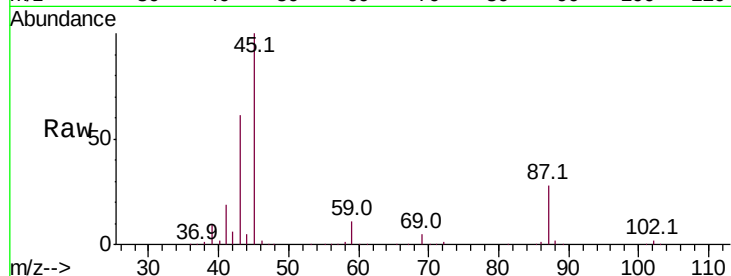
Ion	Ratio	Lower	Upper
45	100		
43	60.5	54.2	81.4
87	28.0	23.4	35.0
59	11.1	9.0	13.6

45 100

43 60.5 54.2 81.4

87 28.0 23.4 35.0

59 11.1 9.0 13.6

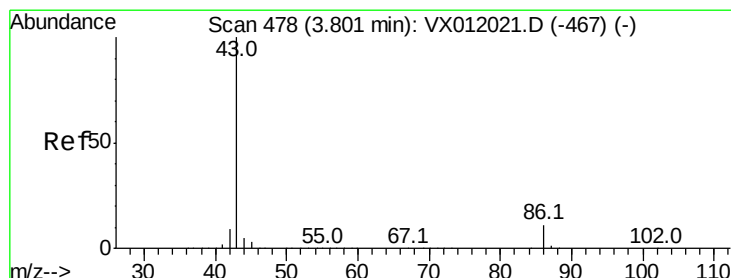
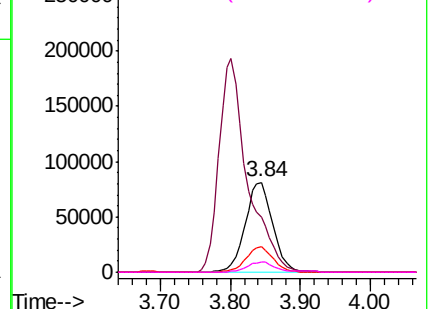
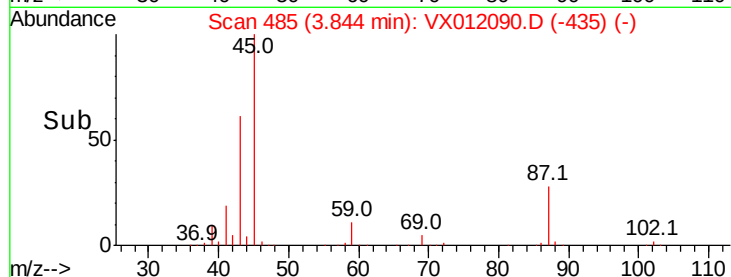


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 234.804 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012090.D

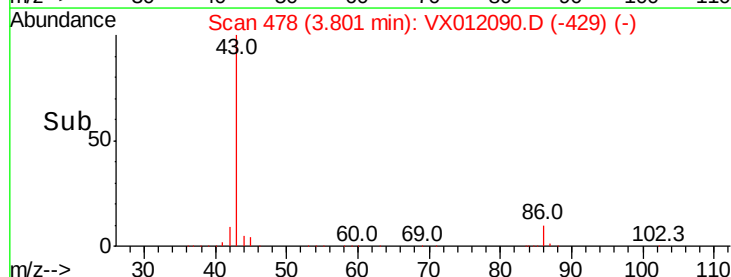
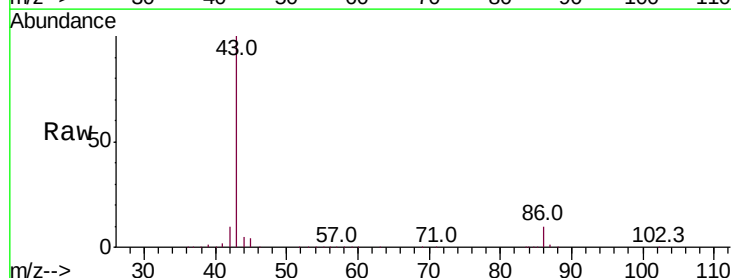
Acq: 05 Sep 2019 09:52

Tgt Ion: 43 Resp: 548709

Ion	Ratio	Lower	Upper
43	100		
86	10.5	9.0	13.6

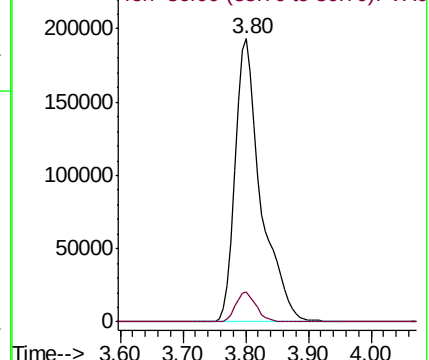
43 100

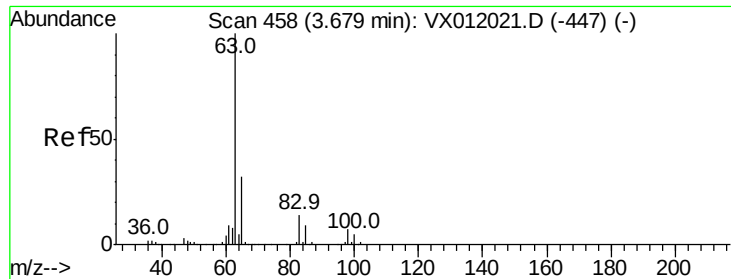
86 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 58.867 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

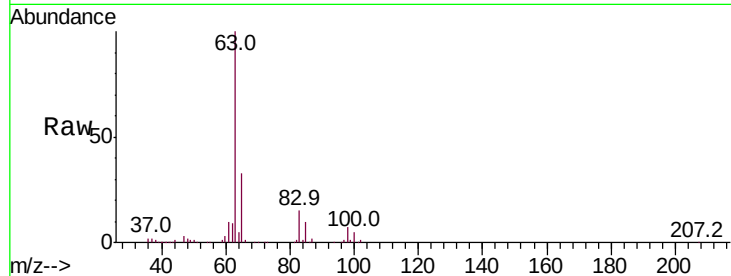
Tot Ion: 63 Resp: 123335

Ion Ratio Lower Upper

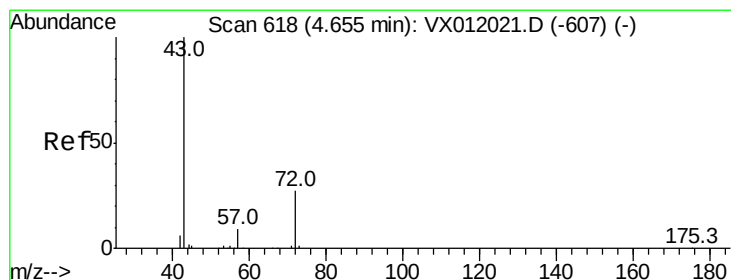
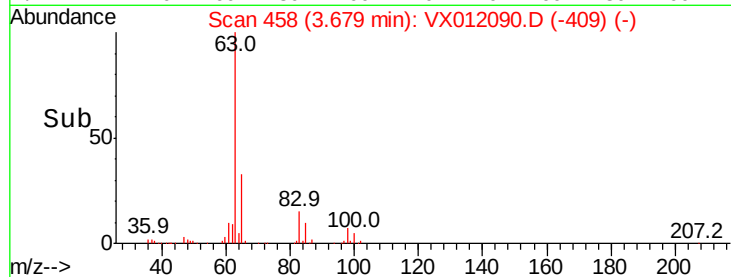
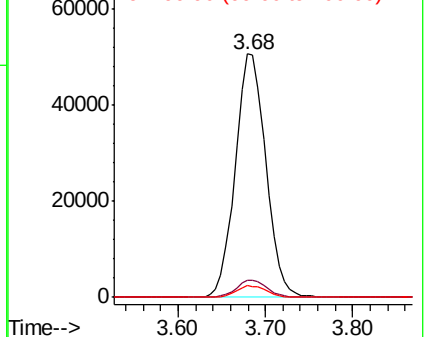
63 100

98 7.0 3.9 11.7

100 5.1 2.5 7.4



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: 294.950 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012090.D

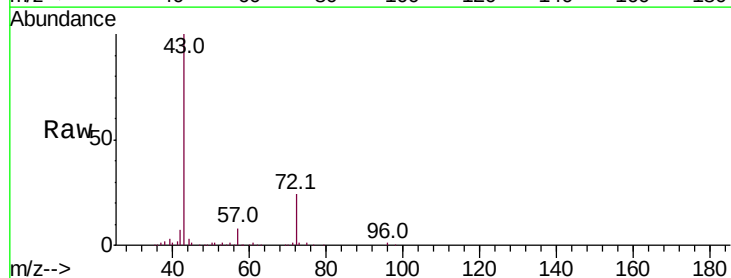
Acq: 05 Sep 2019 09:52

Tgt Ion: 43 Resp: 123169

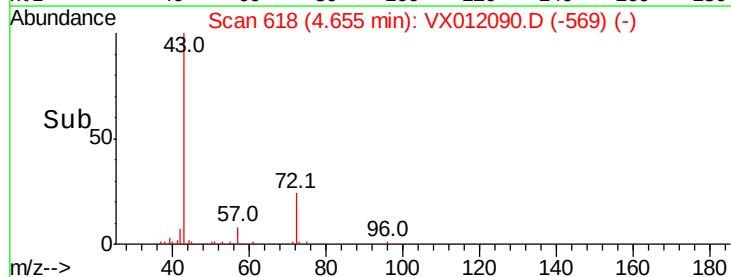
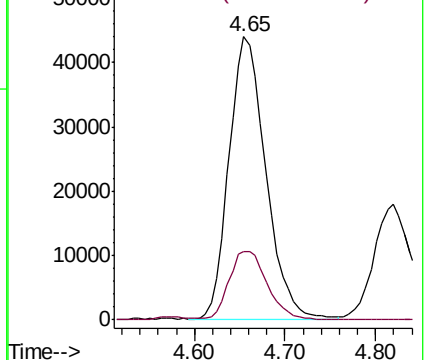
Ion Ratio Lower Upper

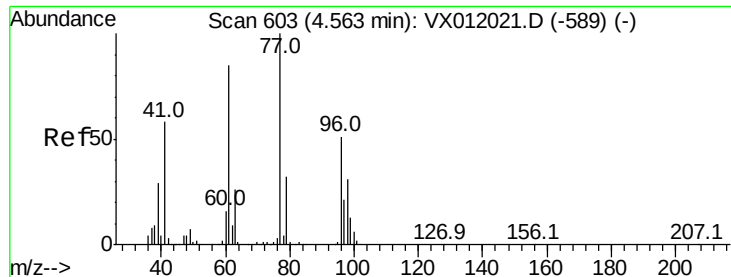
43 100

72 23.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

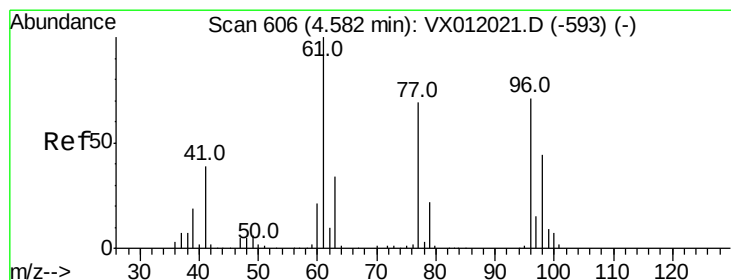
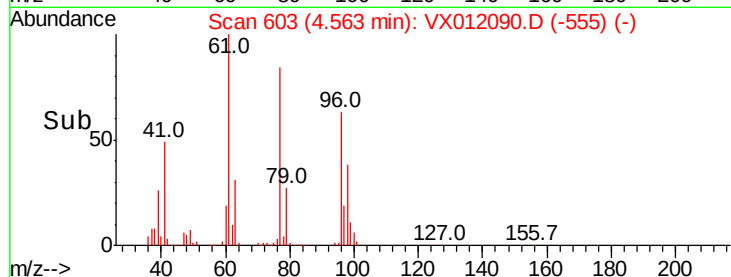
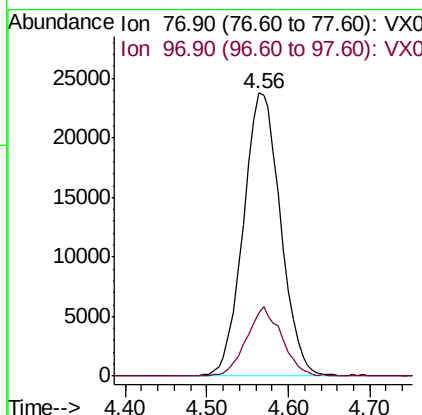
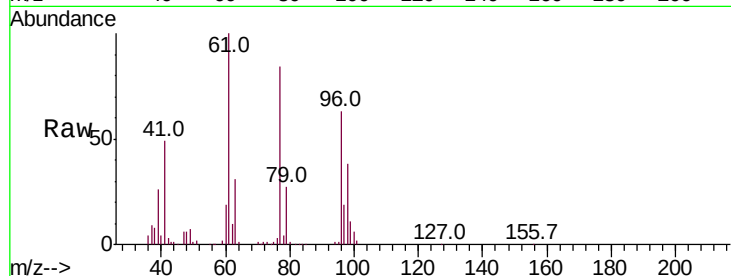




#26
 2,2-Dichloropropane
 Concen: 39.013 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

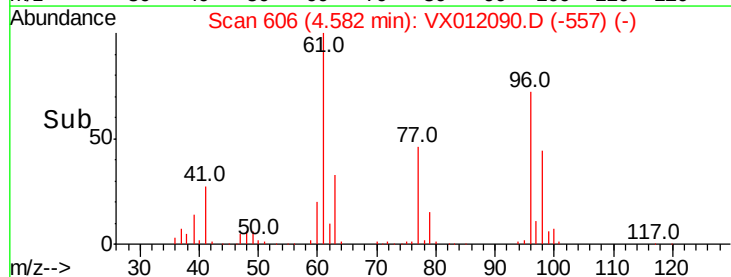
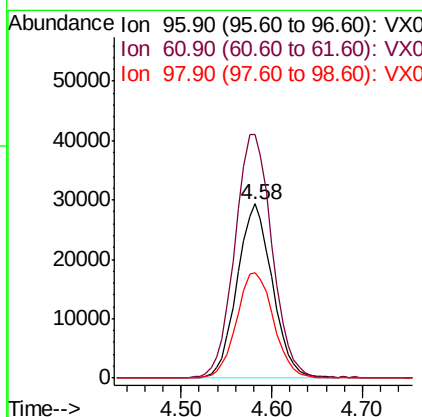
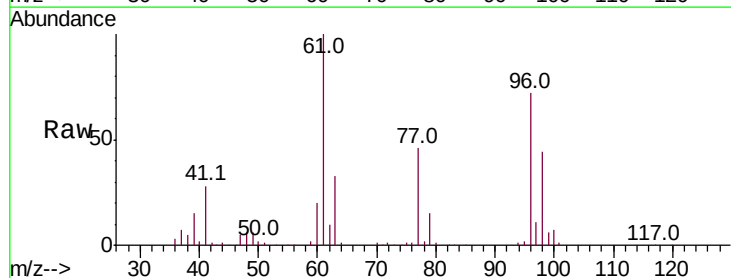
Instrument :
 MSVOA_X
 ClientSampleId :

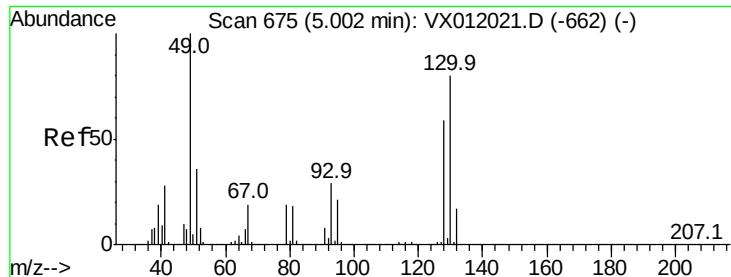
Tot Ion: 77 Resp: 75465
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.5 34.5



#27
 cis-1,2-Dichloroethene
 Concen: 58.633 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 96 Resp: 78998
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 277.0
 98 63.7 0.0 128.4





#28

Bromochloromethane

Concen: 62.262 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampled :

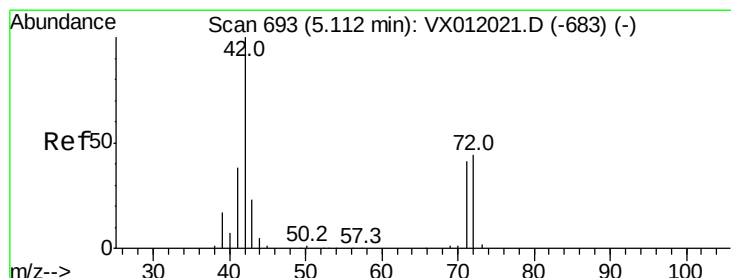
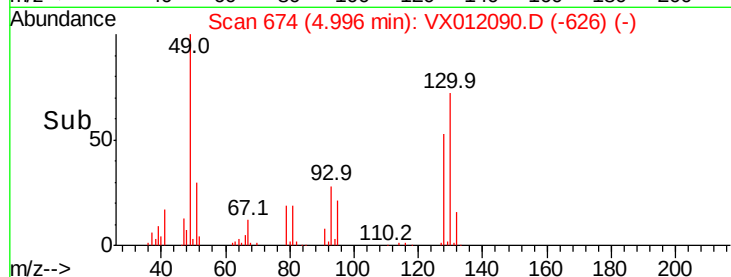
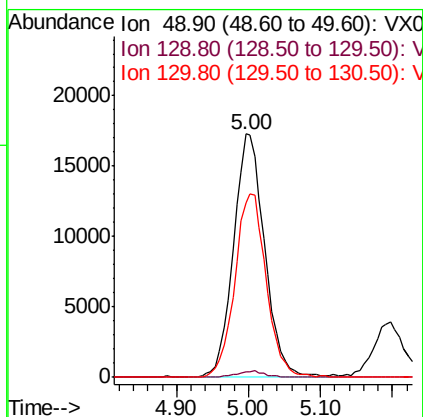
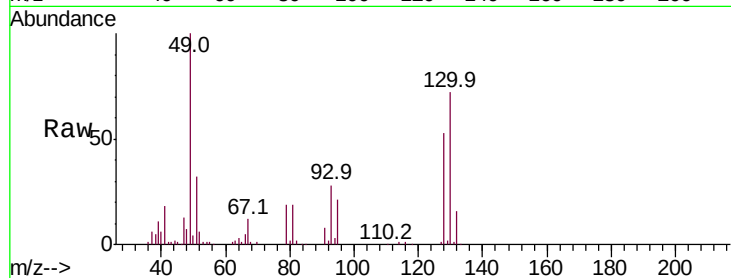
Tot Ion: 49 Resp: 52072

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.6

130 75.4 76.7 115.1#



#29

Tetrahydrofuran

Concen: 312.660 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

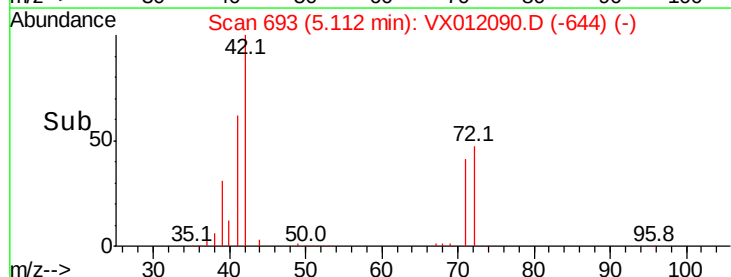
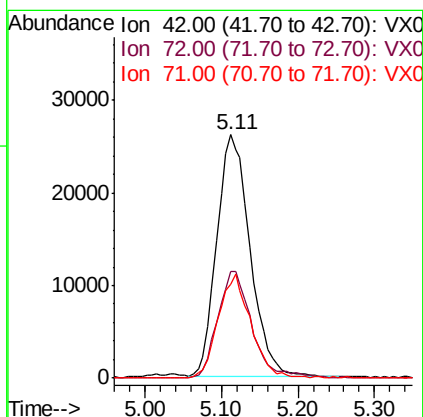
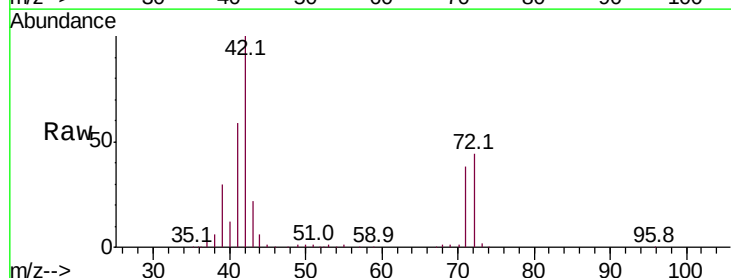
Tgt Ion: 42 Resp: 78665

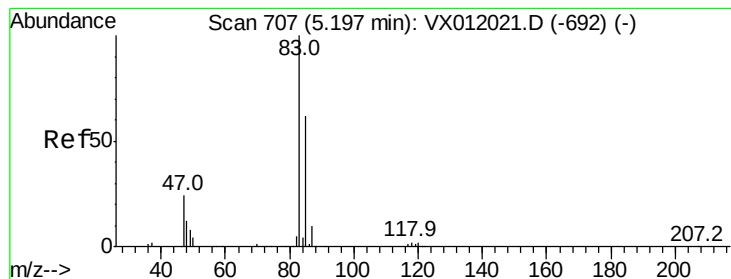
Ion Ratio Lower Upper

42 100

72 45.5 37.0 55.4

71 42.2 33.8 50.8





#30

Chloroform

Concen: 59.529 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

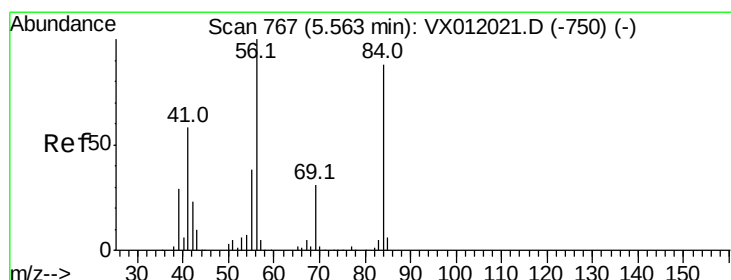
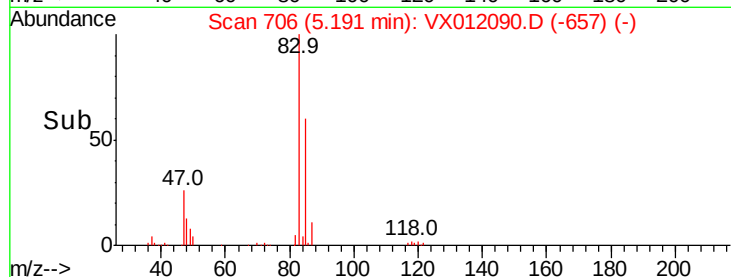
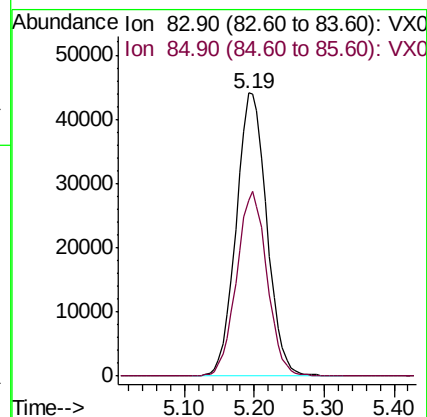
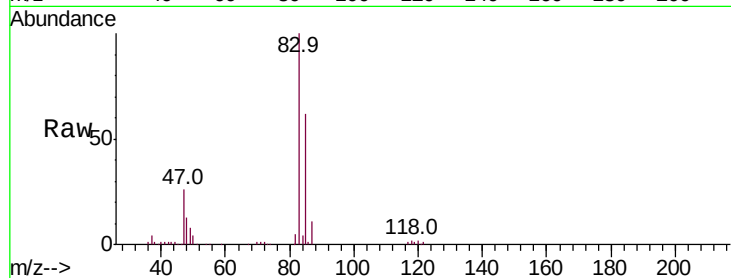
ClientSampleId :

Tot Ion: 83 Resp: 133829

Ion Ratio Lower Upper

83 100

85 62.0 52.6 78.8



#31

Cyclohexane

Concen: 48.140 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

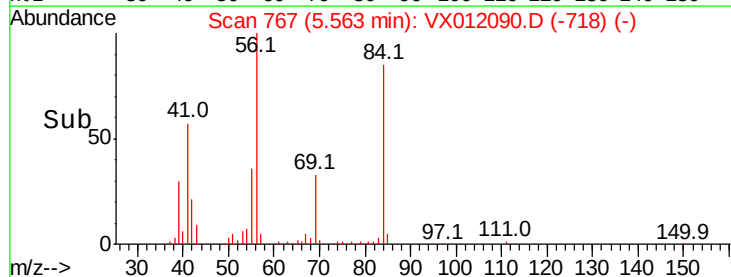
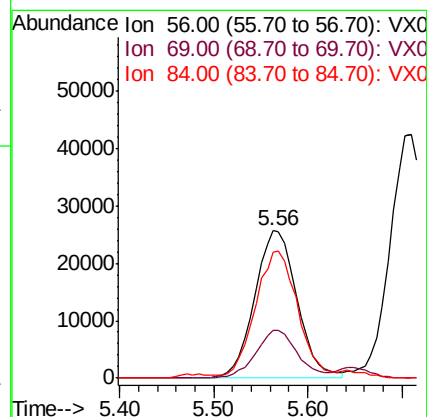
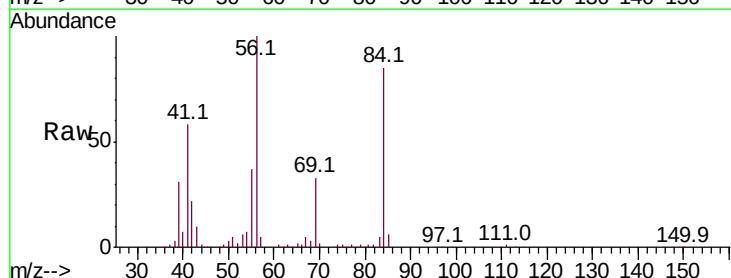
Tgt Ion: 56 Resp: 81005

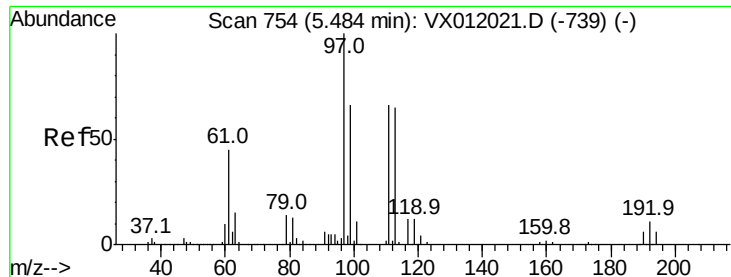
Ion Ratio Lower Upper

56 100

69 32.5 25.7 38.5

84 82.9 70.3 105.5





#32

1,1,1-Trichloroethane

Concen: 56.111 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampled :

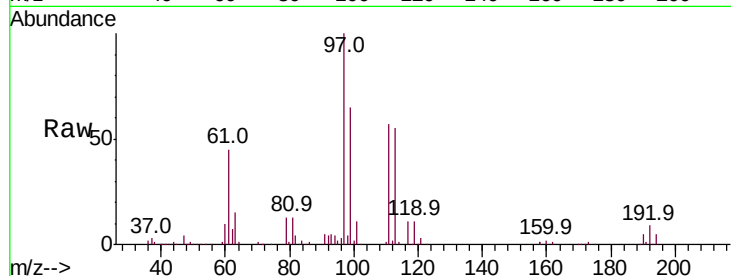
Tot Ion: 97 Resp: 109865

Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

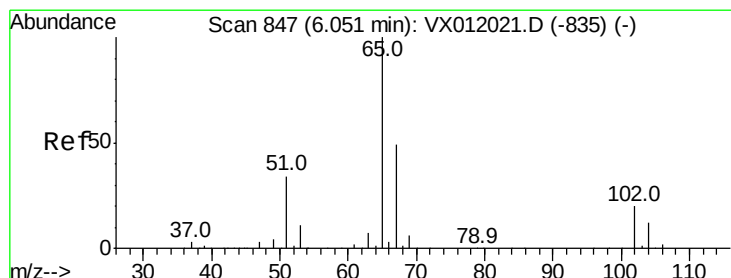
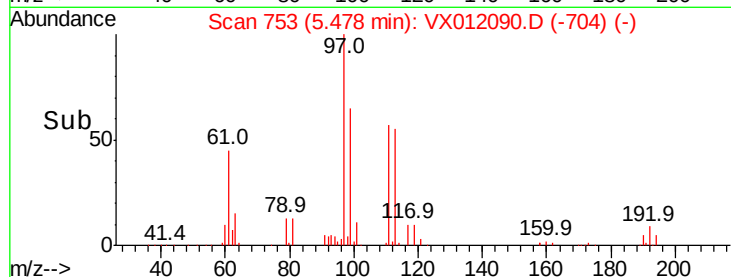
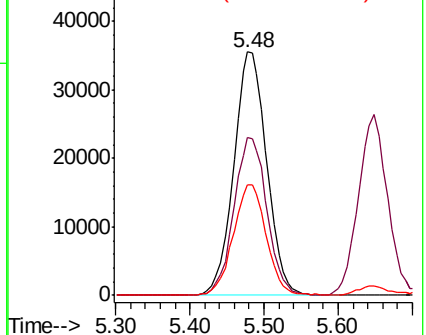
61 45.8 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.320 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012090.D

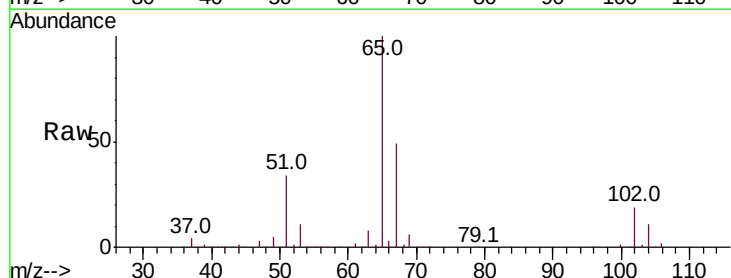
Acq: 05 Sep 2019 09:52

Tgt Ion: 65 Resp: 78672

Ion Ratio Lower Upper

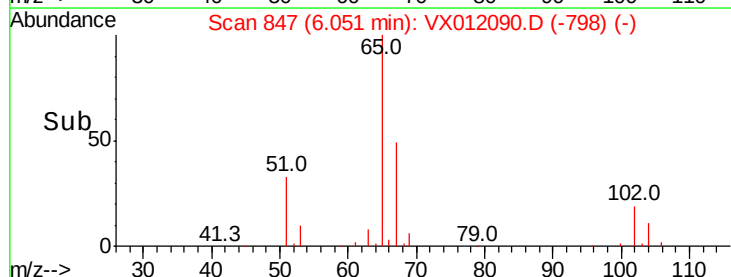
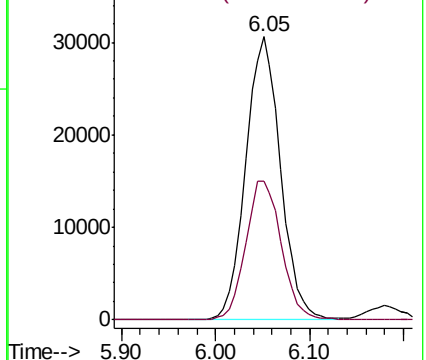
65 100

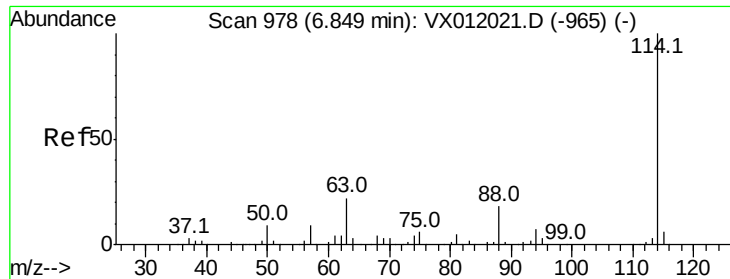
67 50.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

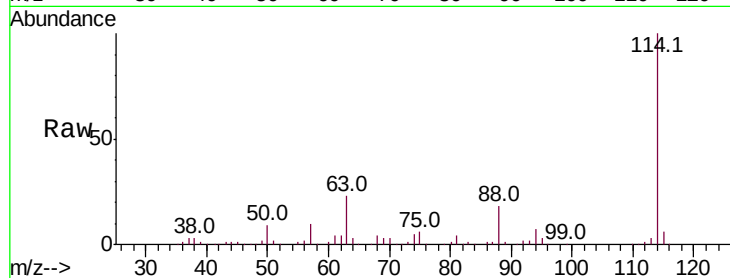




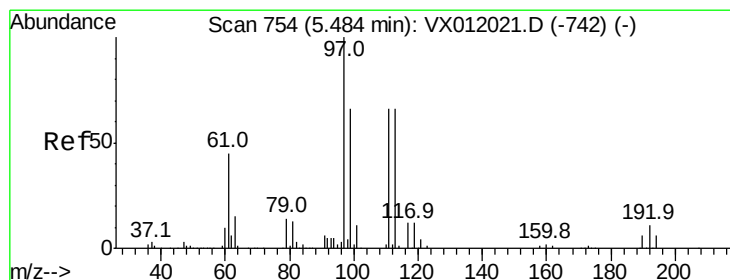
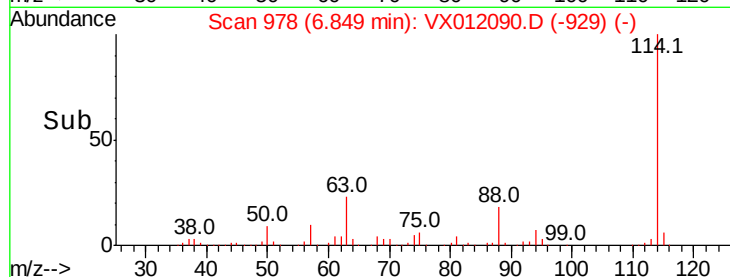
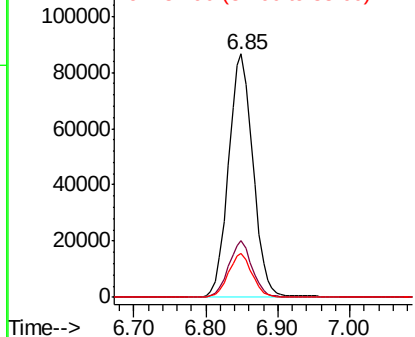
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	37.4
88	17.8	0.0	29.6

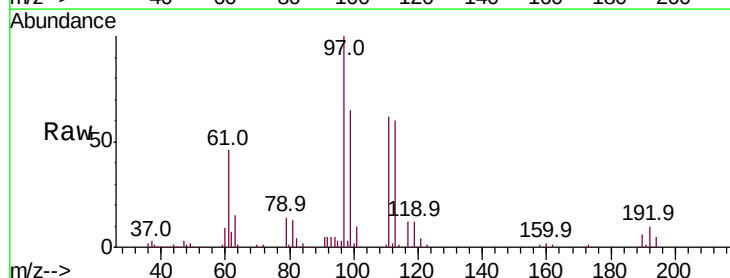


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

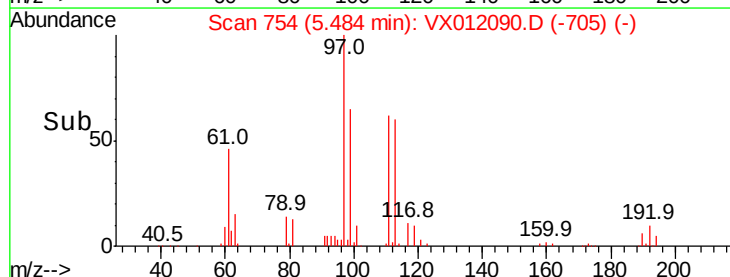
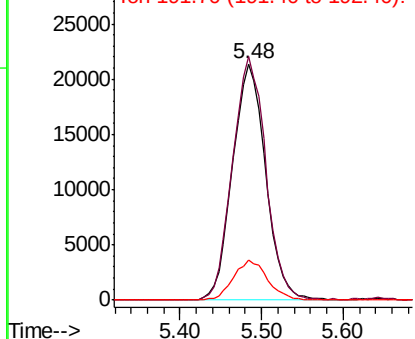


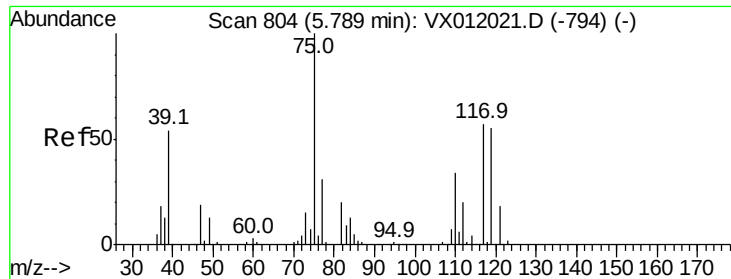
#35
 Dibromofluoromethane
 Concen: 47.644 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	17.2	22.5	33.7#



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

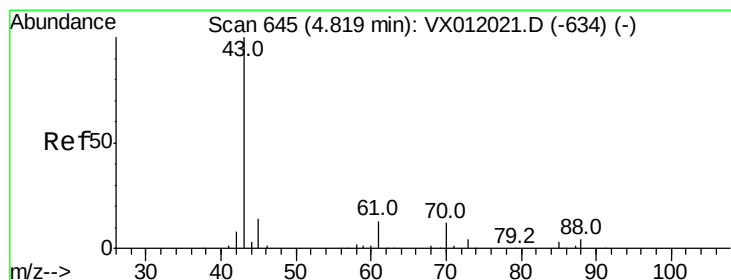
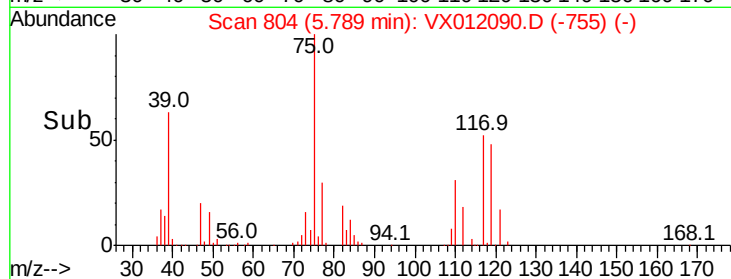
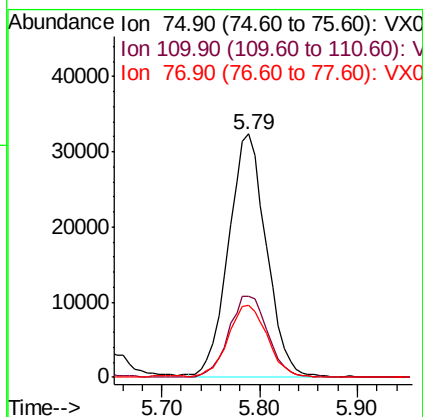
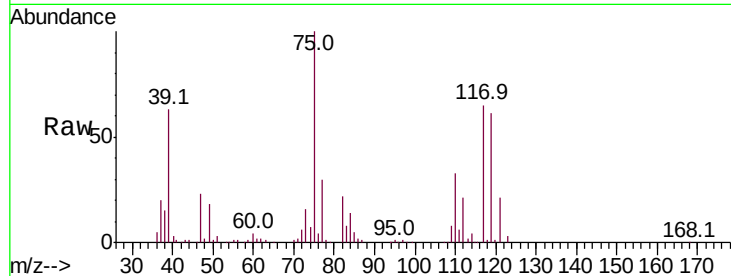




#36
 1,1-Dichloropropene
 Concen: 47.556 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

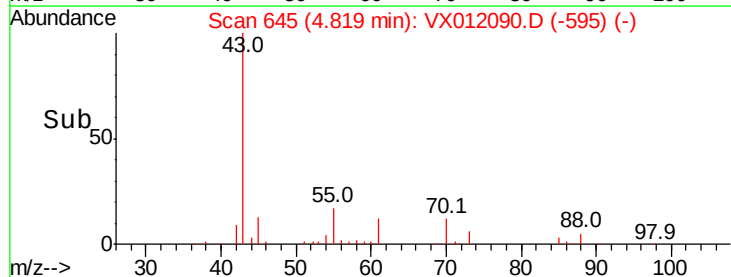
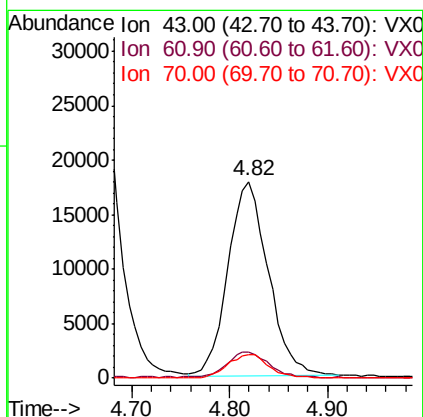
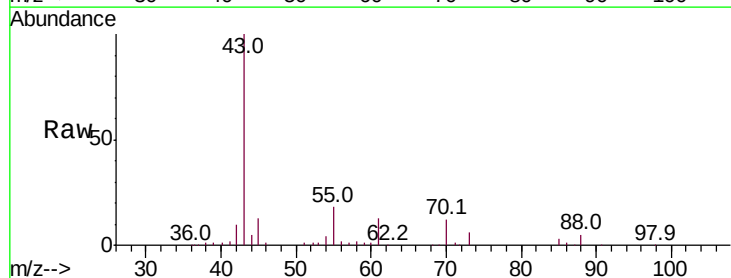
Instrument :
 MSVOA_X
 ClientSampled :

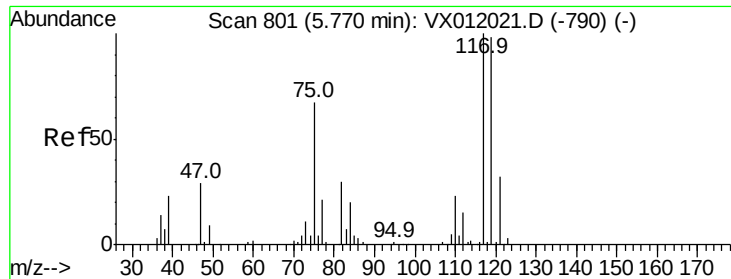
Tot Ion	75	Resp	85995
Ion Ratio	Lower	Upper	
75	100		
110	34.8	19.5	58.5
77	31.4	24.6	37.0



#37
 Ethyl Acetate
 Concen: 51.916 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion	43	Resp	51051
Ion Ratio	Lower	Upper	
43	100		
61	14.6	10.9	16.3
70	12.3	9.4	14.0





#38

Carbon Tetrachloride

Concen: 47.468 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

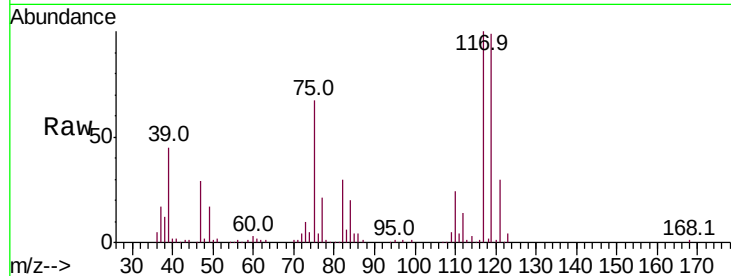
Tot Ion:117 Resp: 90448

Ion Ratio Lower Upper

117 100

119 98.8 78.3 117.5

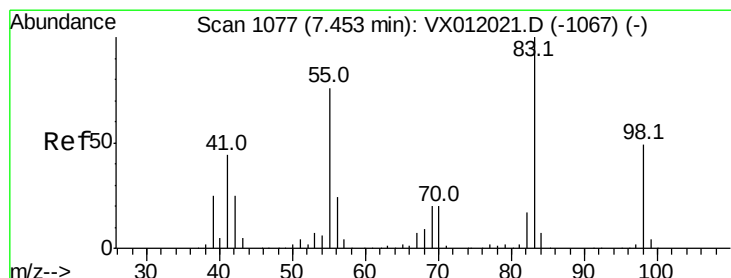
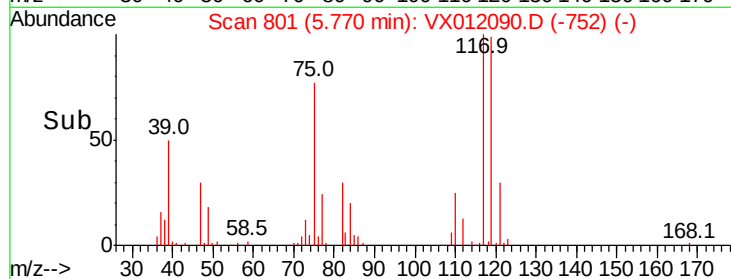
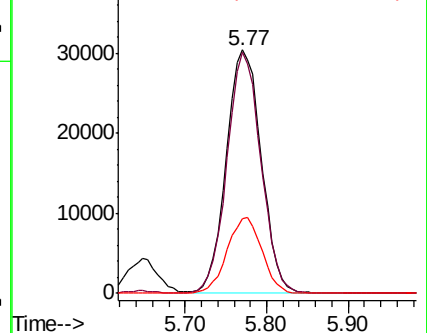
121 30.5 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 41.499 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

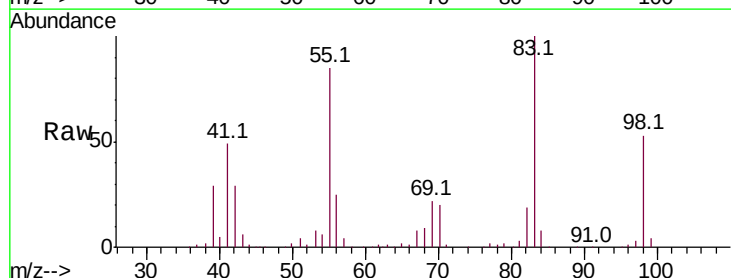
Tgt Ion: 83 Resp: 87096

Ion Ratio Lower Upper

83 100

55 84.8 59.6 89.4

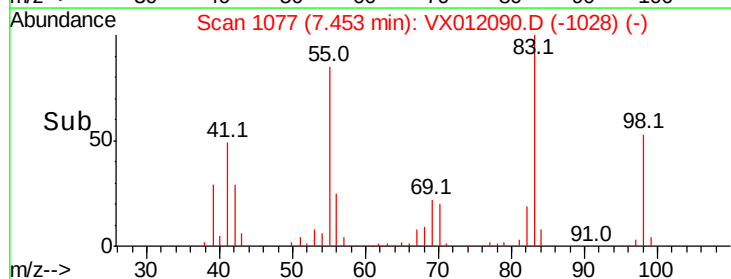
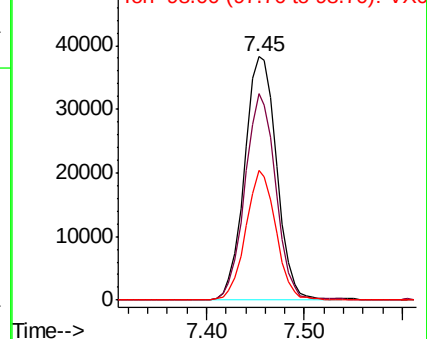
98 53.2 41.4 62.0

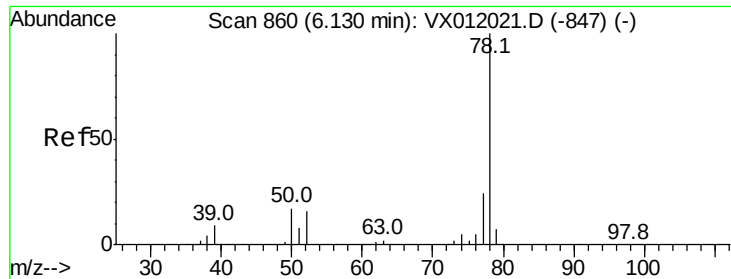


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 52.554 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

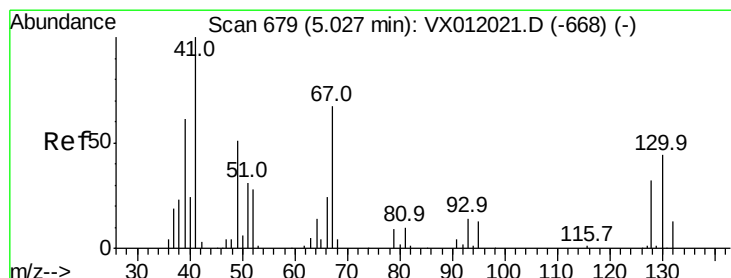
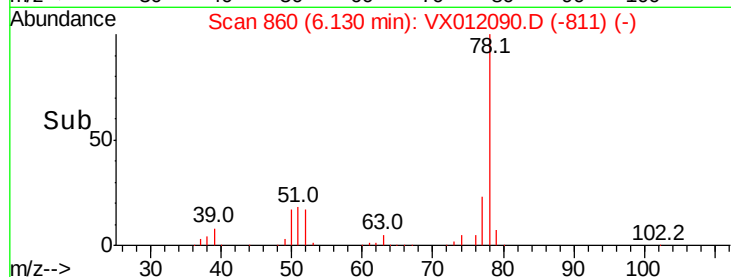
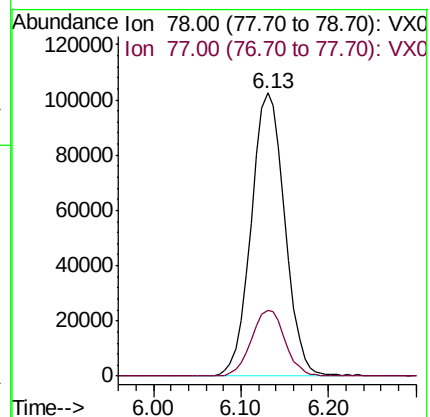
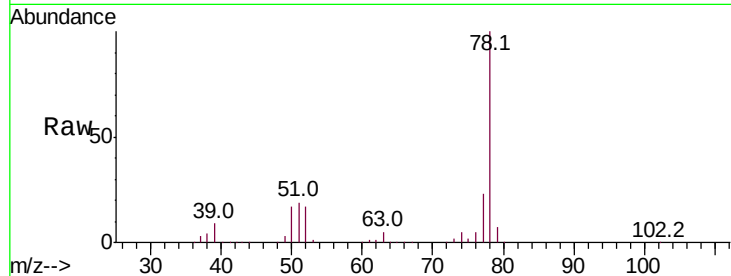
ClientSampleId :

Tot Ion: 78 Resp: 272823

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



#41

Methacrylonitrile

Concen: 56.457 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Tgt Ion: 41 Resp: 33107

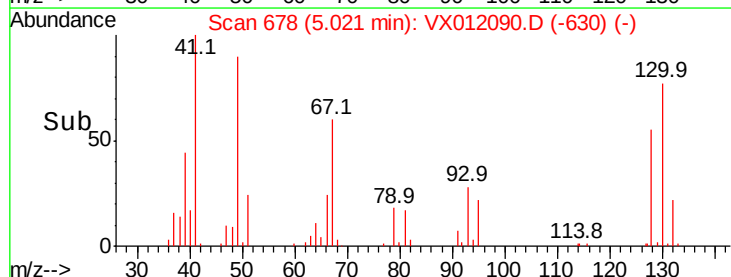
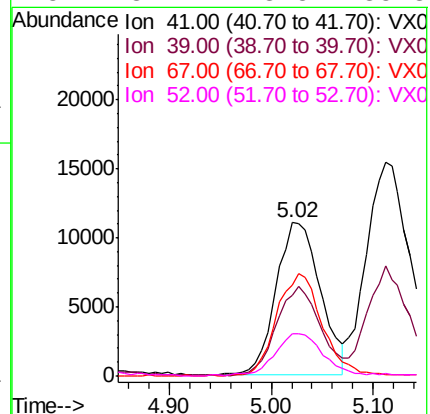
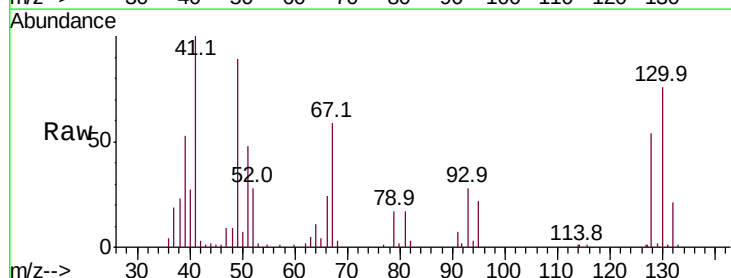
Ion Ratio Lower Upper

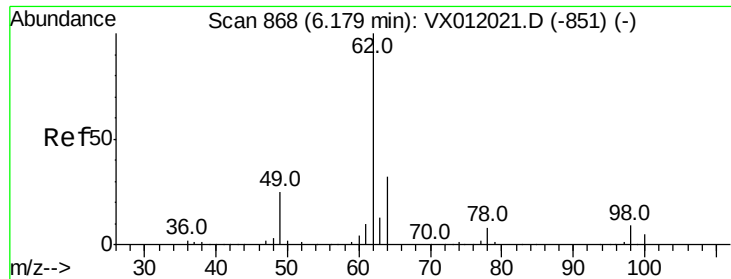
41 100

39 58.6 46.7 70.1

67 70.2 57.0 85.6

52 31.2 23.5 35.3

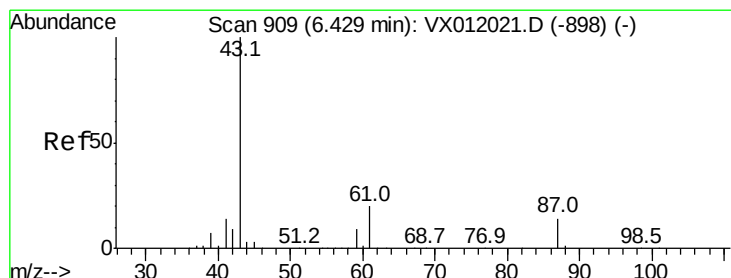
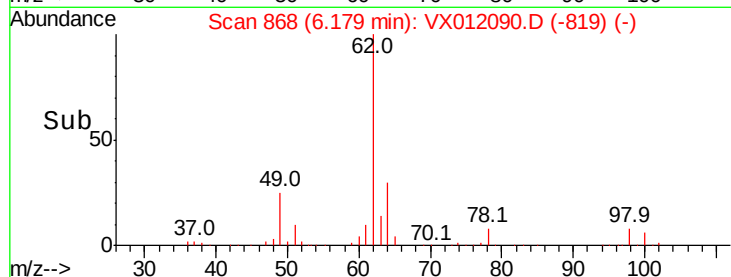
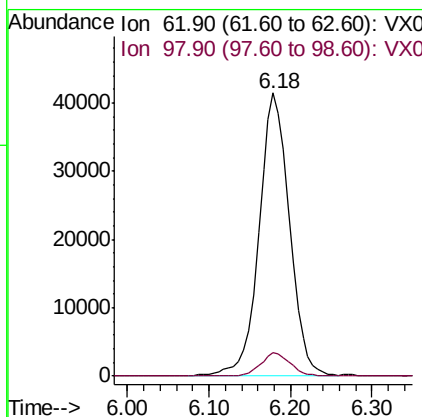
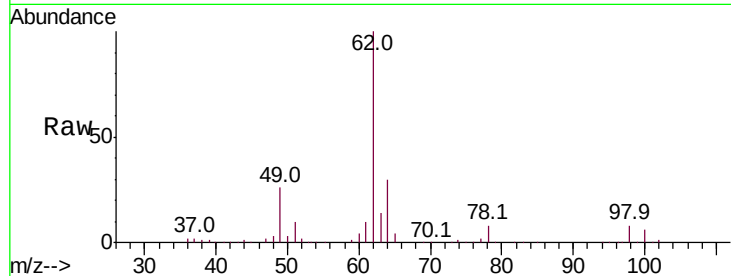




#42
 1,2-Dichloroethane
 Concen: 57.797 ug/l
 RT: 6.18 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

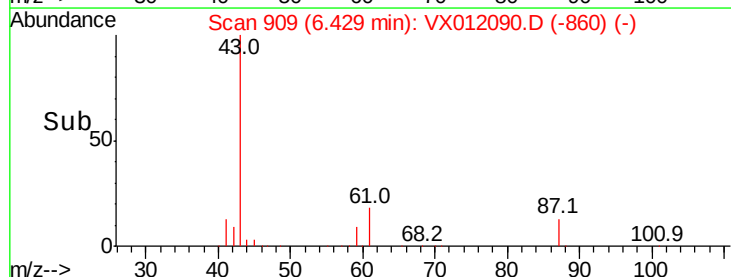
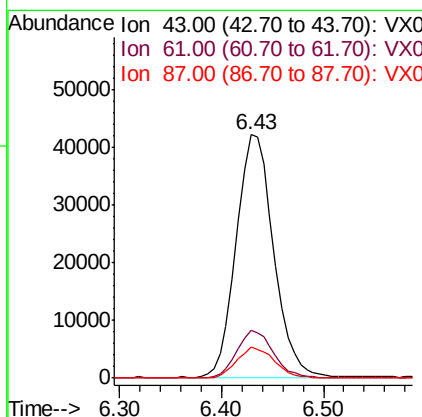
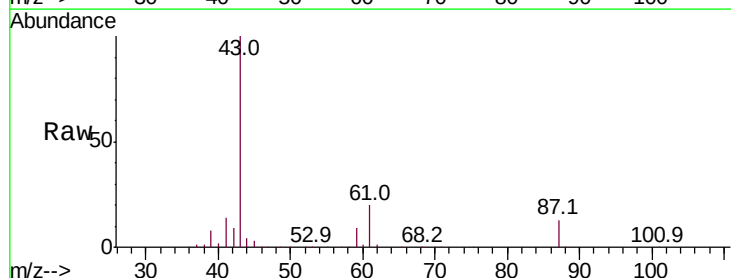
Instrument :
 MSVOA_X
 ClientSampleId :

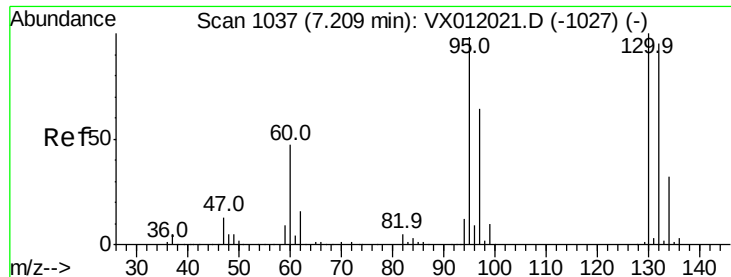
Tot Ion: 62 Resp: 107973
 Ion Ratio Lower Upper
 62 100
 98 8.1 0.0 19.2



#43
 Isopropyl Acetate
 Concen: 53.561 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 43 Resp: 107093
 Ion Ratio Lower Upper
 43 100
 61 19.4 16.1 24.1
 87 13.0 11.3 16.9

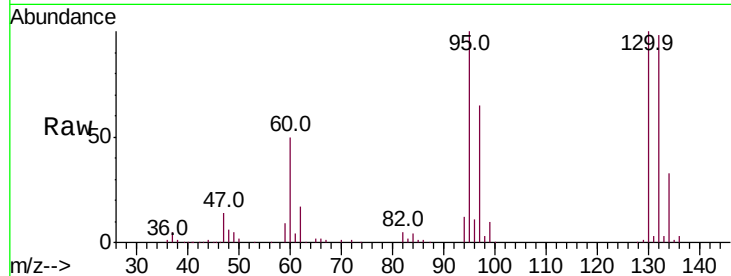




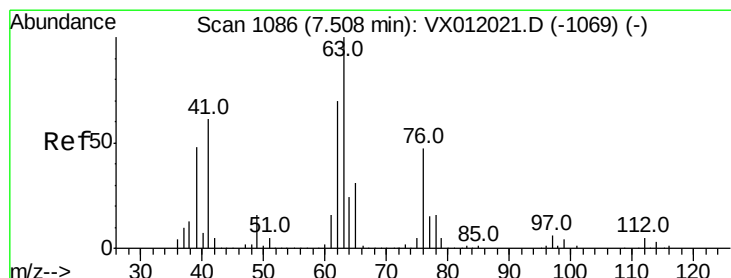
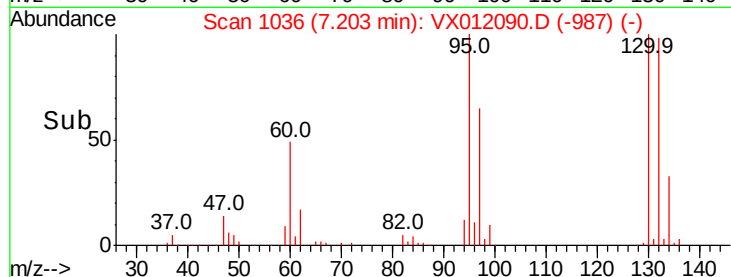
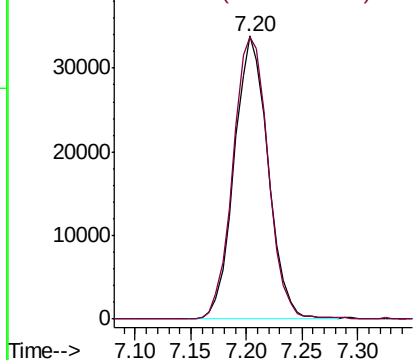
#44
 Trichloroethene
 Concen: 50.984 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 71387
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 176.4

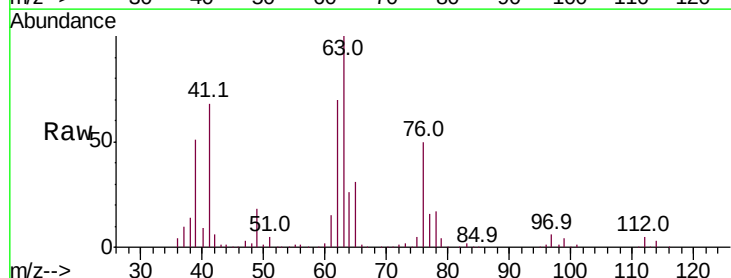


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

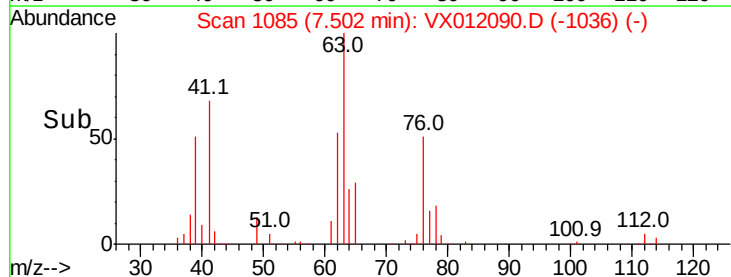
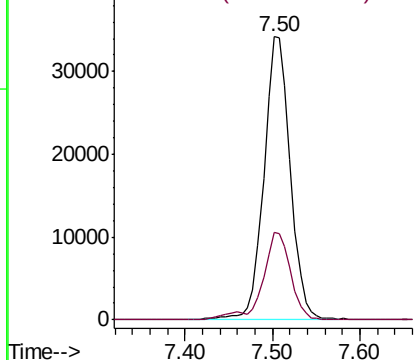


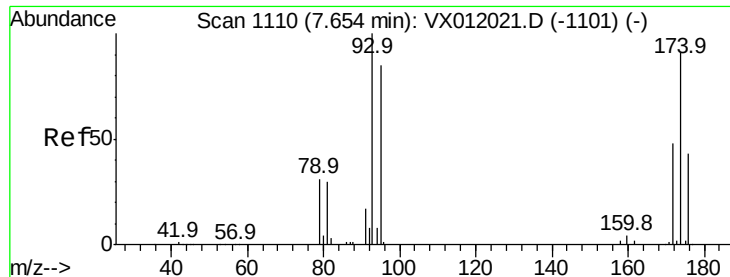
#45
 1,2-Dichloropropane
 Concen: 53.801 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 63 Resp: 72160
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 55.867 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

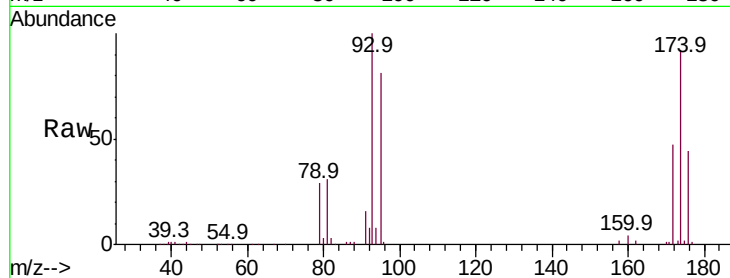
Tot Ion: 93 Resp: 43742

Ion Ratio Lower Upper

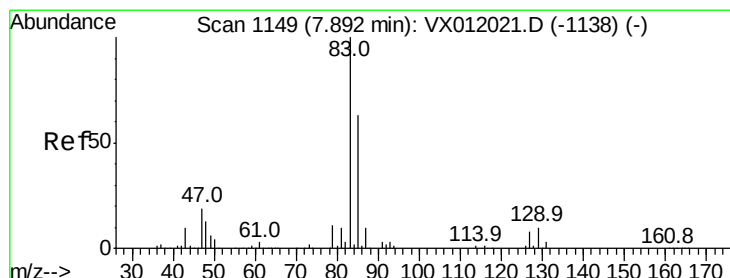
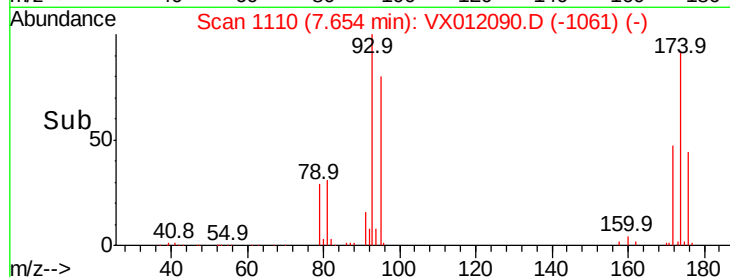
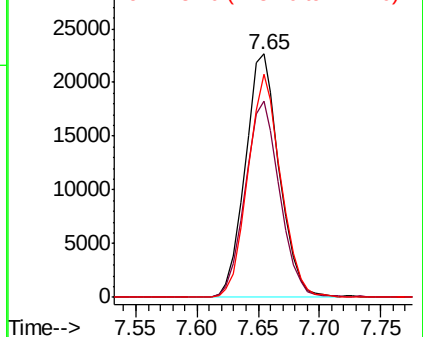
93 100

95 81.7 66.2 99.2

174 89.0 110.2 165.4#



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 54.504 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

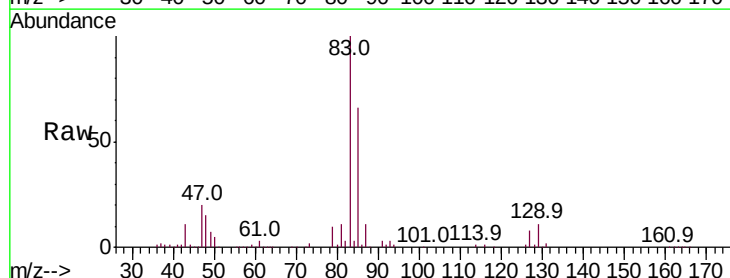
Tgt Ion: 83 Resp: 108472

Ion Ratio Lower Upper

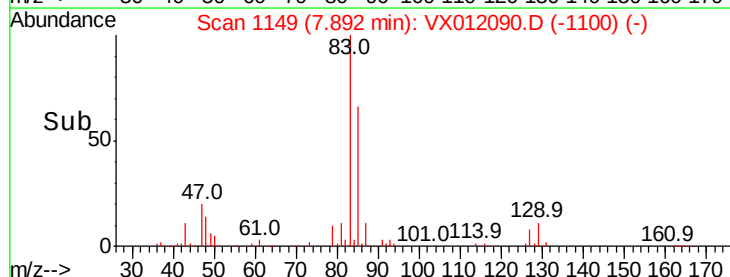
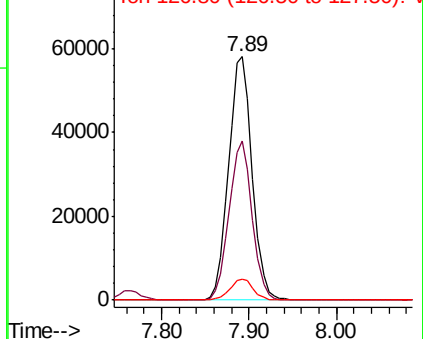
83 100

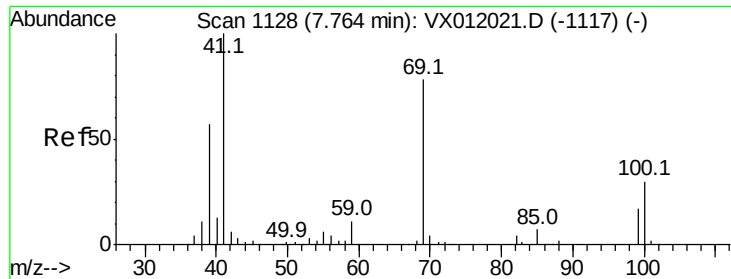
85 65.6 50.3 75.5

127 8.4 8.1 12.1



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

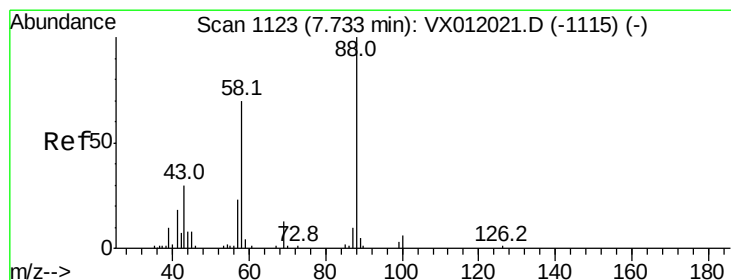
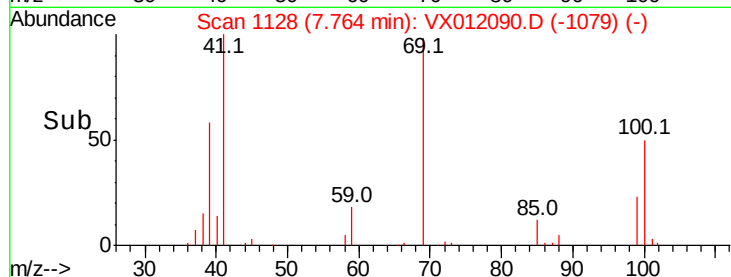
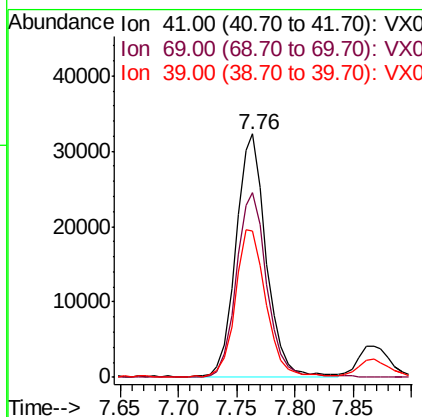
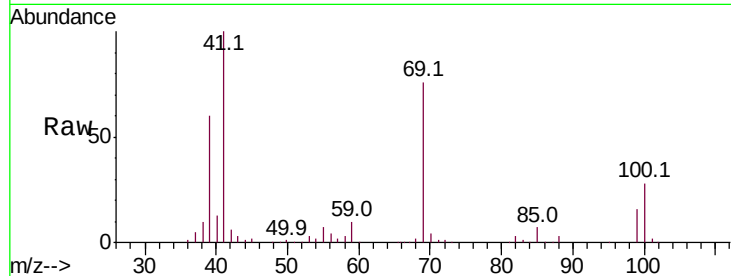




#48
Methvl methacrylate
Concen: 57.619 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

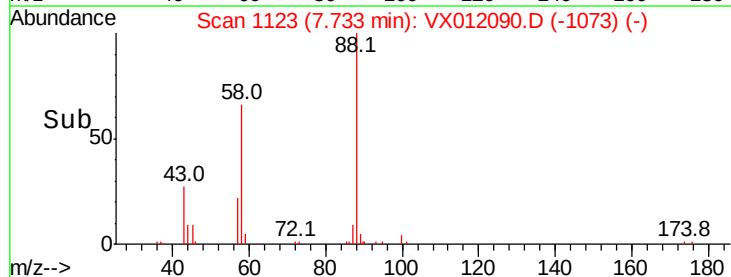
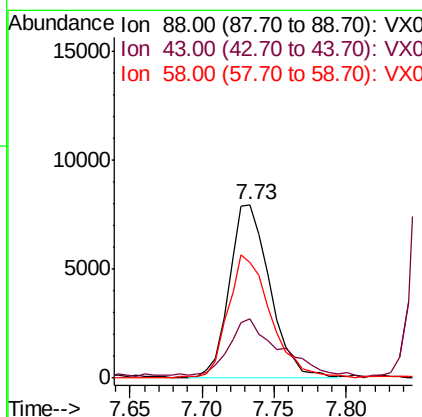
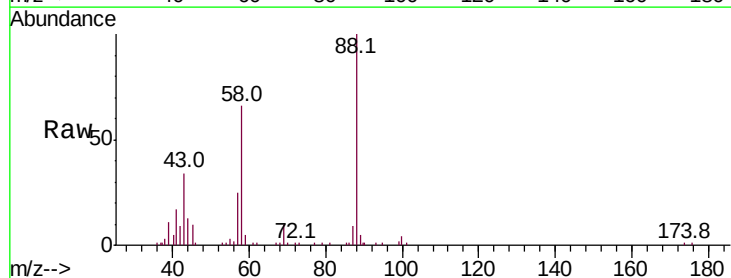
Instrument :
MSVOA_X
ClientSampled :

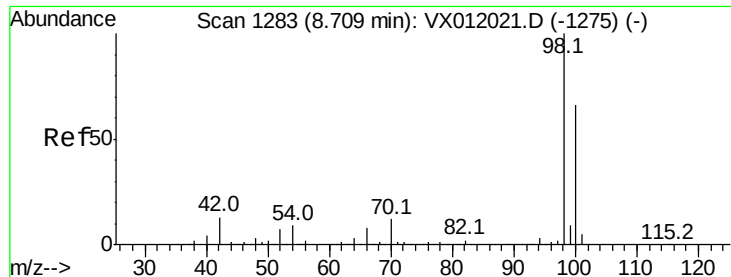
Tot Ion: 41 Resp: 57927
Ion Ratio Lower Upper
41 100
69 77.7 66.3 99.5
39 61.6 48.1 72.1



#49
1,4-Dioxane
Concen: 1145.791 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion: 88 Resp: 15703
Ion Ratio Lower Upper
88 100
43 44.6 29.8 44.6
58 74.7 55.4 83.2





#50

Toluene-d8

Concen: 48.543 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

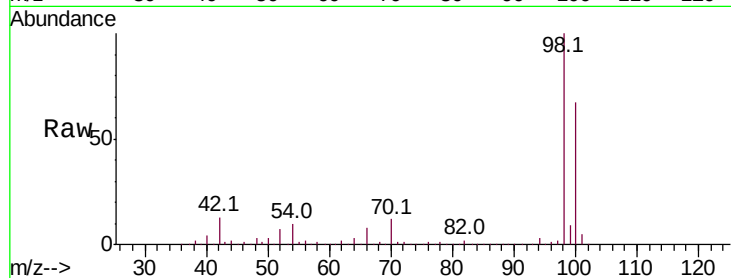
ClientSampleId :

Tot Ion: 98 Resp: 224910

Ion Ratio Lower Upper

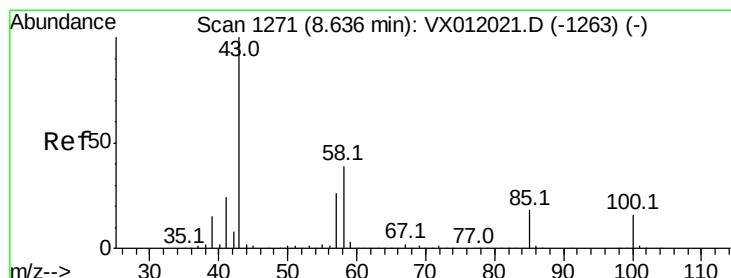
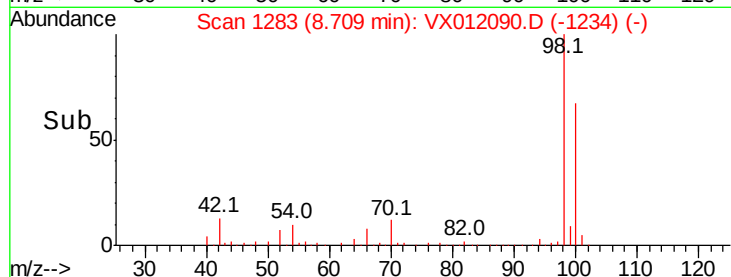
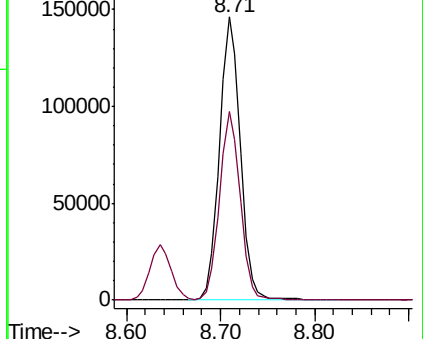
98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 278.668 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012090.D

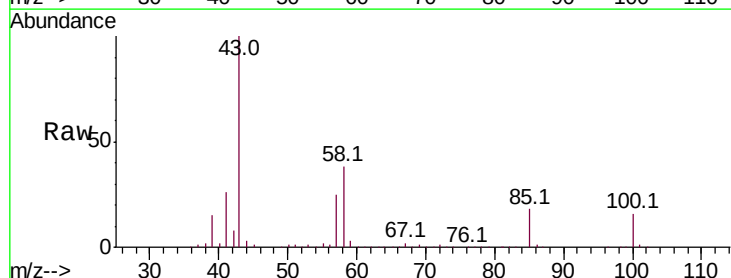
Acq: 05 Sep 2019 09:52

Tgt Ion: 43 Resp: 283405

Ion Ratio Lower Upper

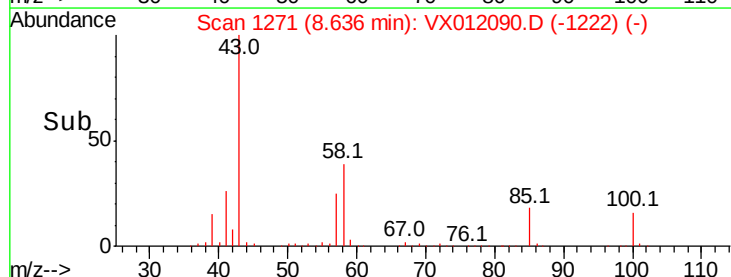
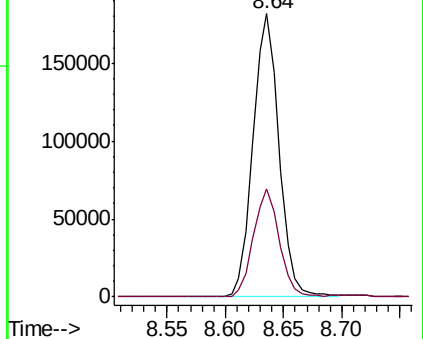
43 100

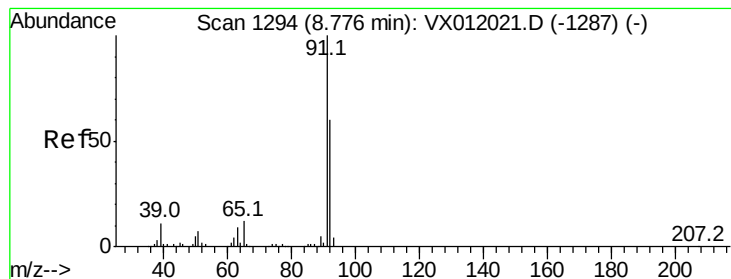
58 37.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 51.894 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

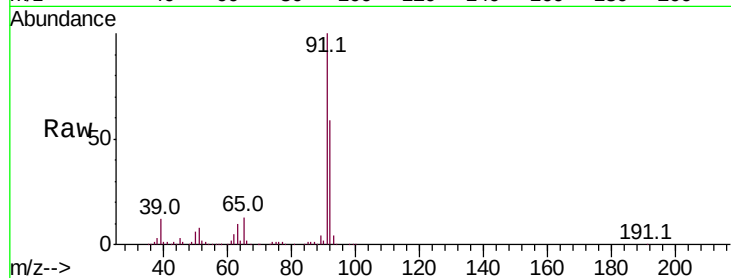
ClientSampleId :

Tot Ion: 92 Resp: 175281

Ion Ratio Lower Upper

92 100

91 168.4 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

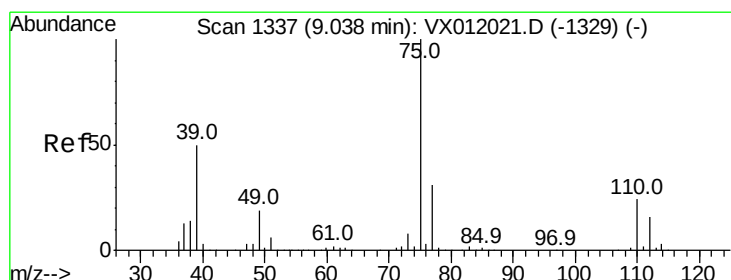
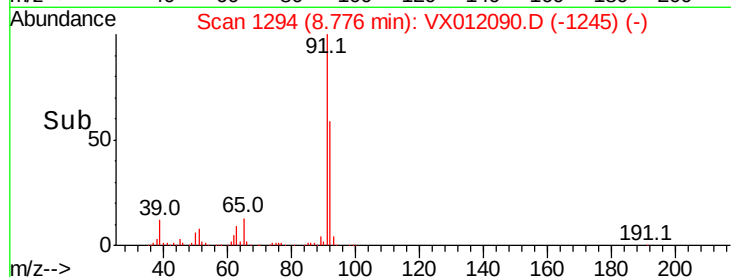
100000

50000

0

8.70 8.80 8.90

Time-->



#53

t-1,3-Dichloropropene

Concen: 49.286 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012090.D

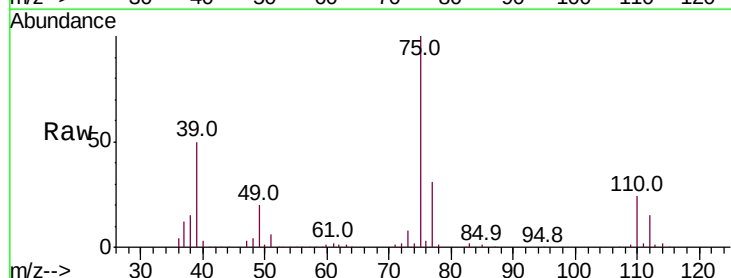
Acq: 05 Sep 2019 09:52

Tgt Ion: 75 Resp: 101550

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

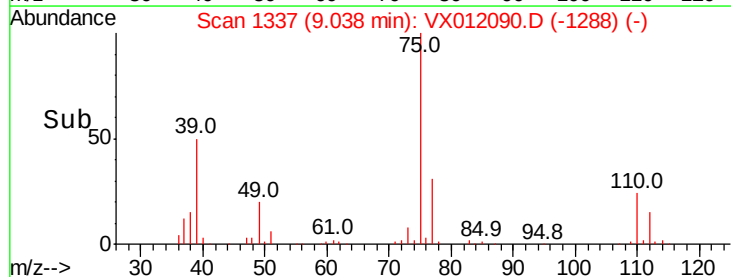
40000

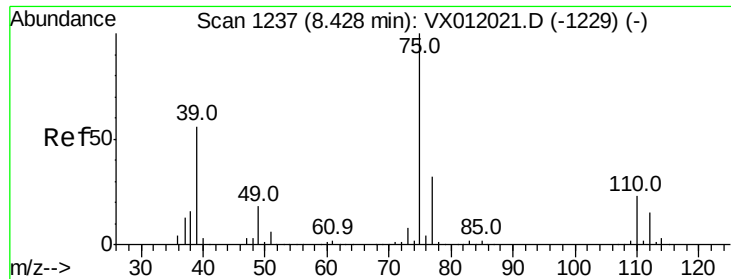
20000

0

9.00 9.10

Time-->



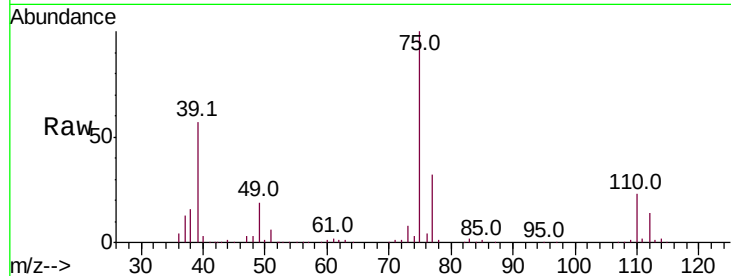


#54

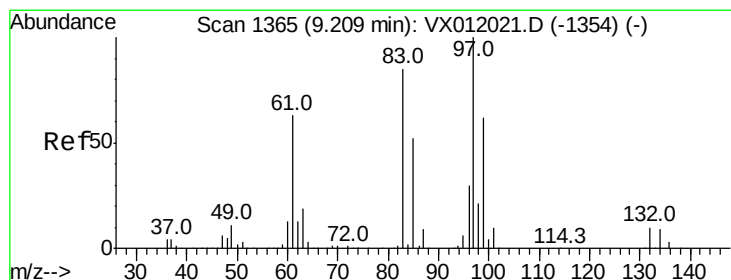
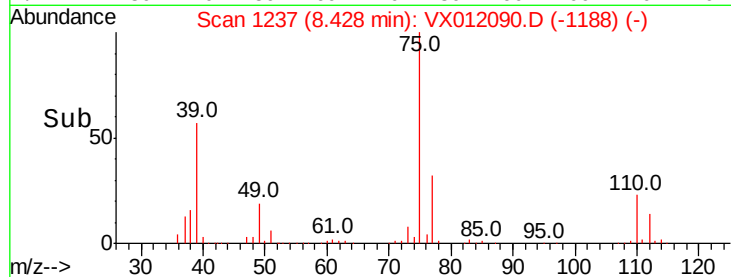
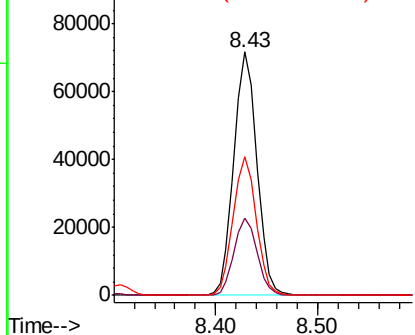
cis-1,3-Dichloropropene
 Concen: 49.076 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 112445
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 56.9 43.0 64.4



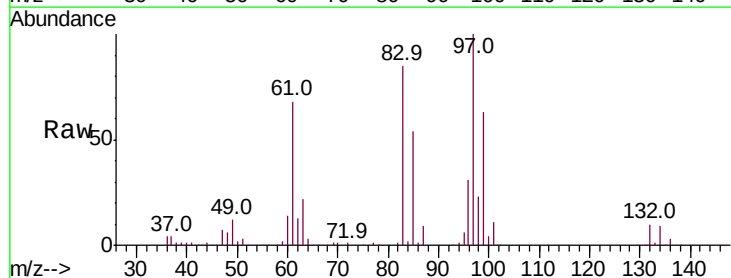
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



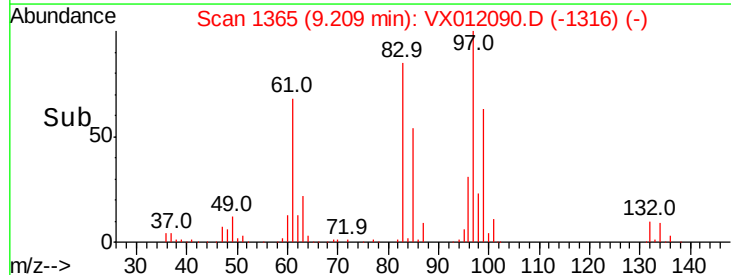
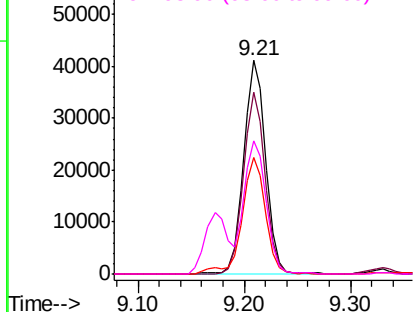
#55

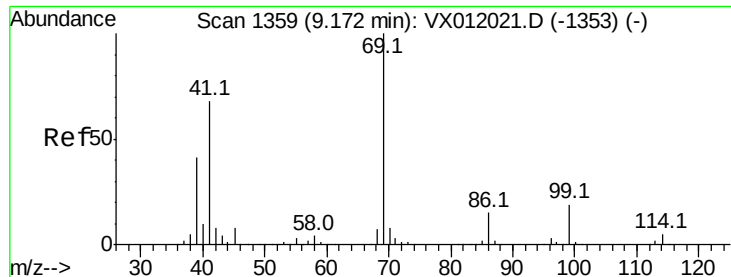
1,1,2-Trichloroethane
 Concen: 53.342 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 97 Resp: 59710
 Ion Ratio Lower Upper
 97 100
 83 85.2 66.0 99.0
 85 54.3 41.0 61.6
 99 62.4 50.6 75.8



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

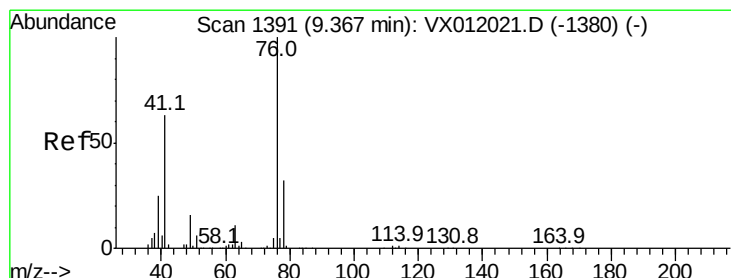
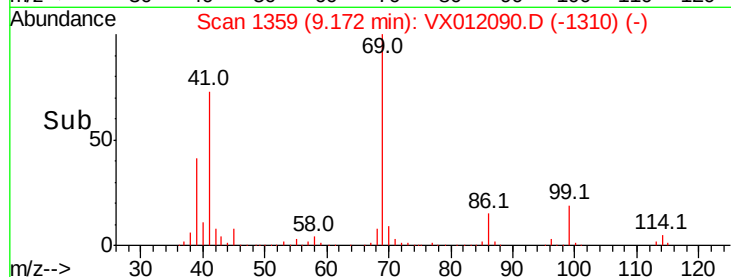
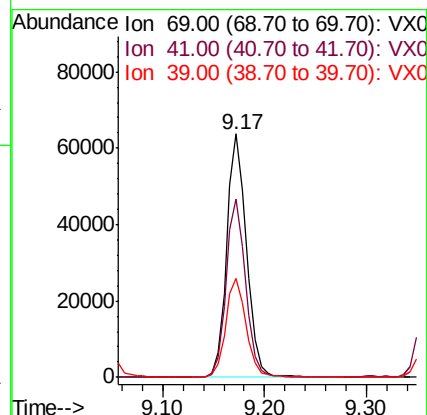
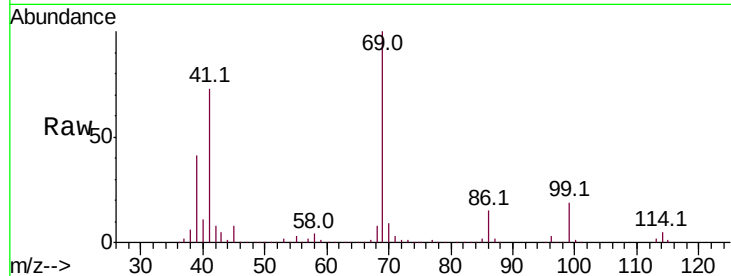




#56
Ethyl methacrylate
Concen: 53.647 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

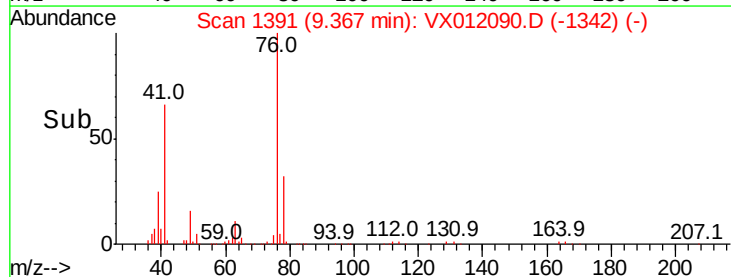
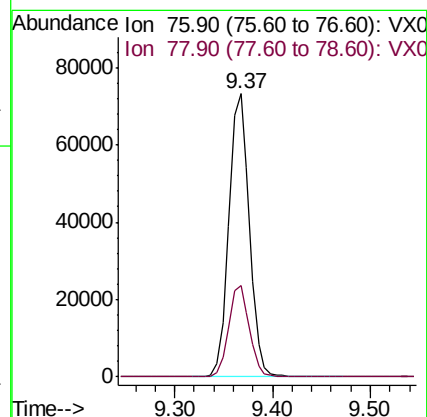
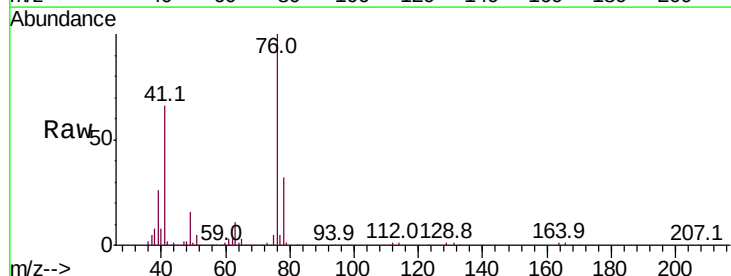
Instrument :
MSVOA_X
ClientSampleId :

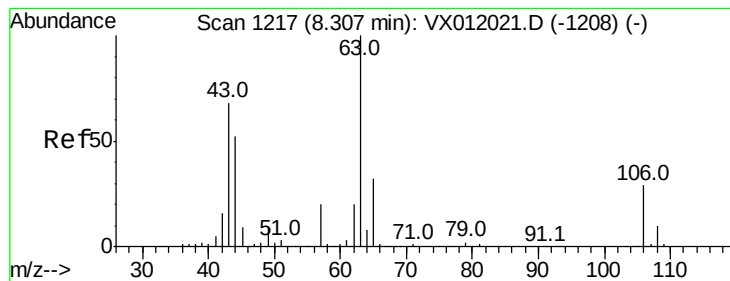
Tot Ion: 69 Resp: 86016
Ion Ratio Lower Upper
69 100
41 71.9 53.9 80.9
39 41.7 31.1 46.7



#57
1,3-Dichloropropane
Concen: 54.958 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion: 76 Resp: 106157
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3





#58

2-Chloroethyl Vinyl ether

Concen: 273.649 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

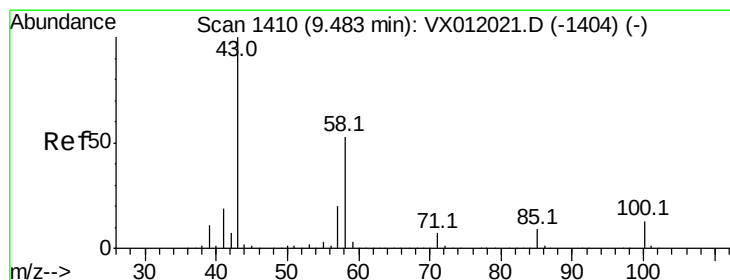
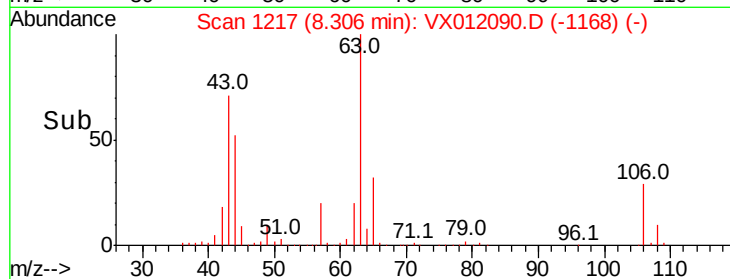
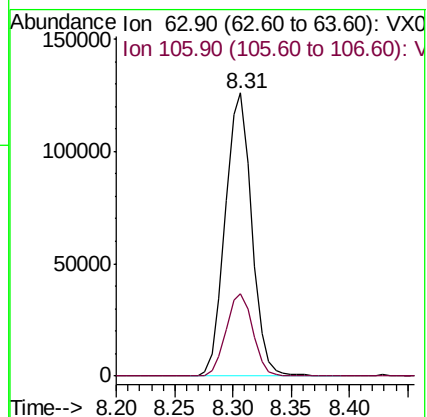
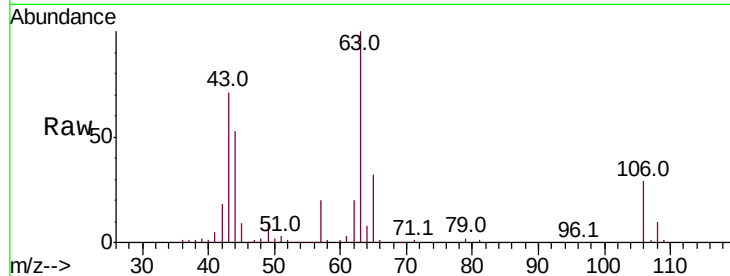
ClientSampleId :

Tot Ion: 63 Resp: 197810

Ion Ratio Lower Upper

63 100

106 29.9 26.5 39.7



#59

2-Hexanone

Concen: 267.422 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX012090.D

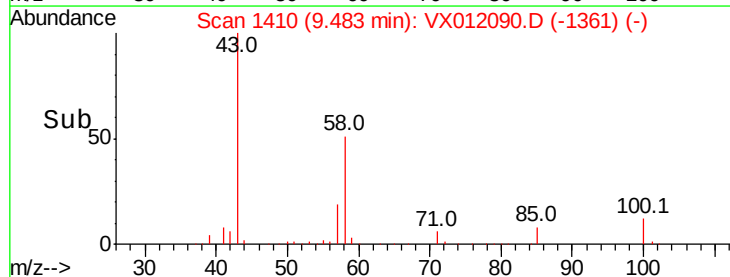
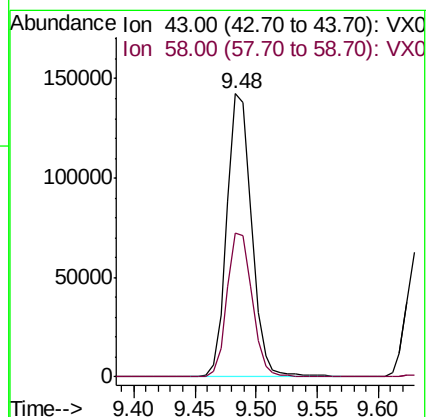
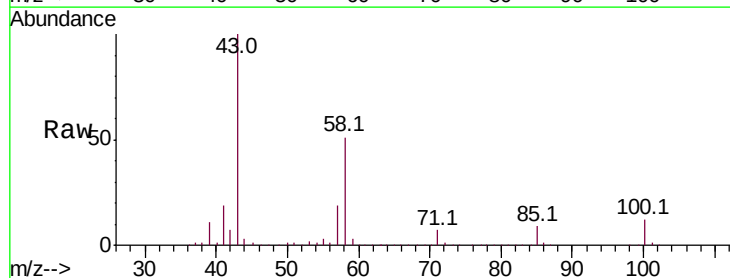
Acq: 05 Sep 2019 09:52

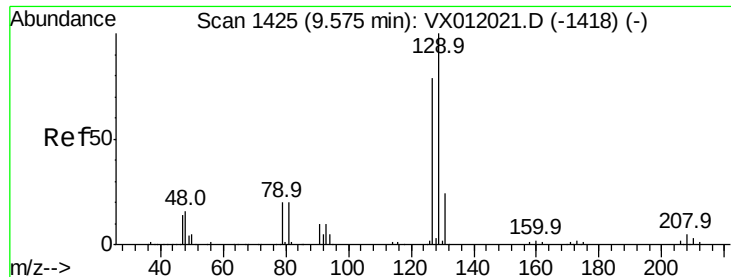
Tgt Ion: 43 Resp: 198448

Ion Ratio Lower Upper

43 100

58 52.2 27.2 81.6

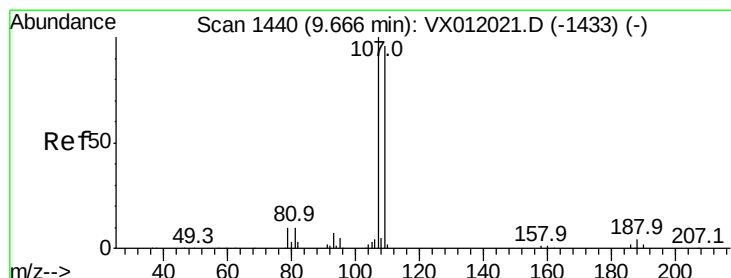
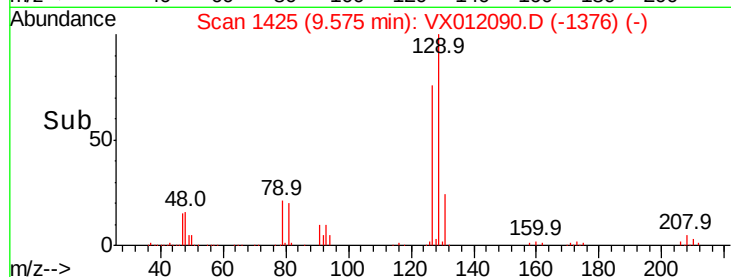
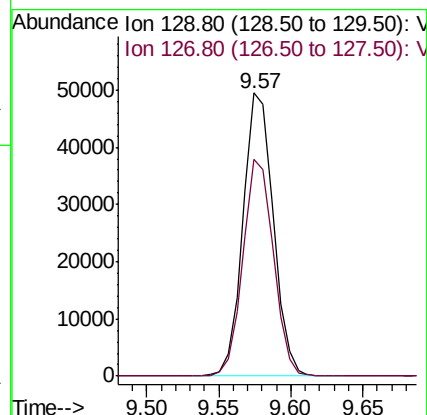
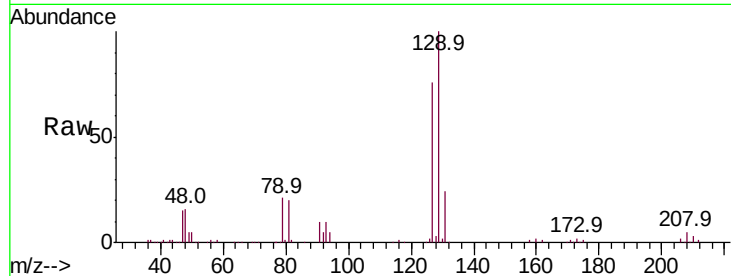




#60
 Dibromochloromethane
 Concen: 54.293 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

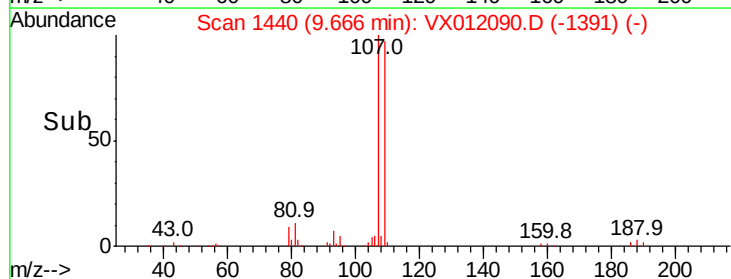
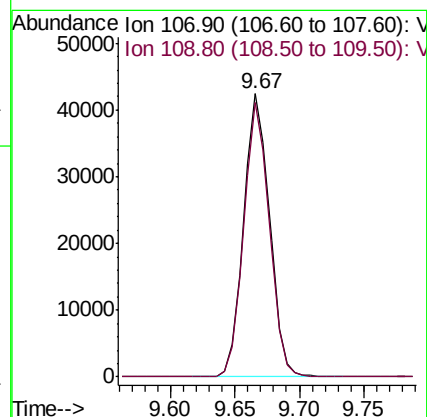
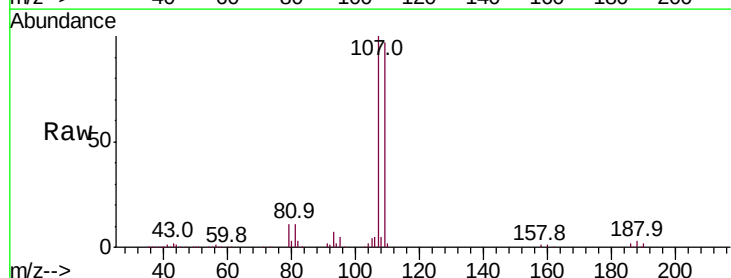
Instrument :
 MSVOA_X
 ClientSampled :

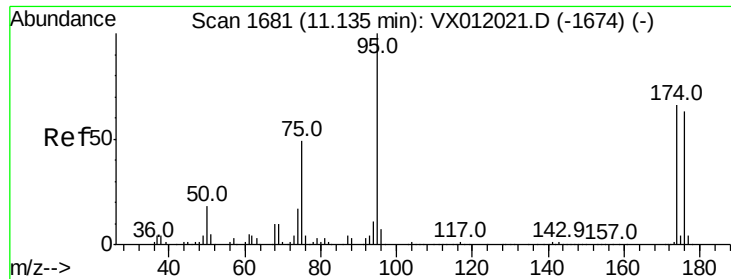
Tot Ion:129 Resp: 72432
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.1 114.5



#61
 1,2-Dibromoethane
 Concen: 54.663 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion:107 Resp: 59126
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.9 115.3





#62

4-Bromofluorobenzene

Concen: 46.367 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

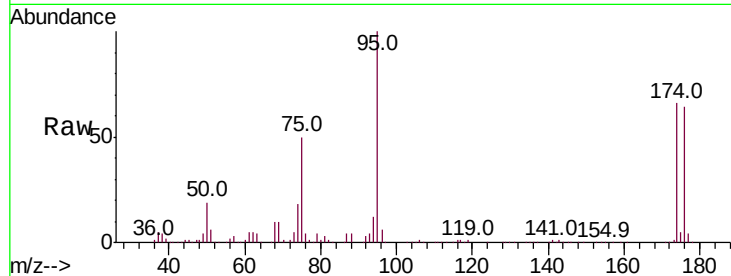
Tot Ion: 95 Resp: 99909

Ion Ratio Lower Upper

95 100

174 63.0 0.0 205.4

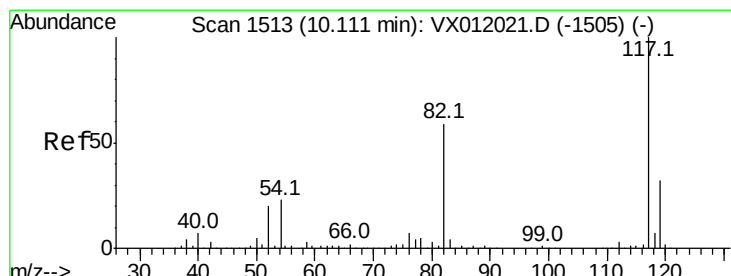
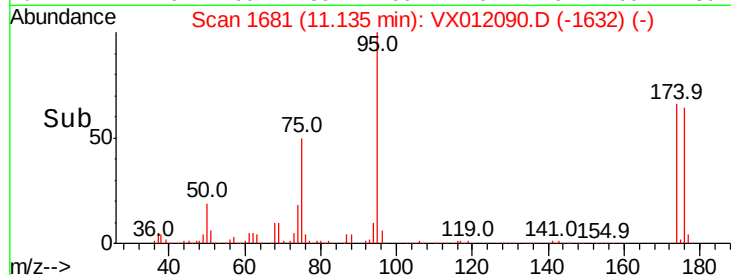
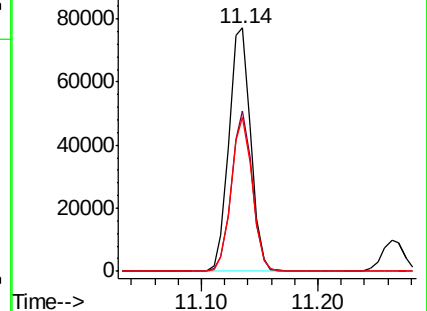
176 61.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

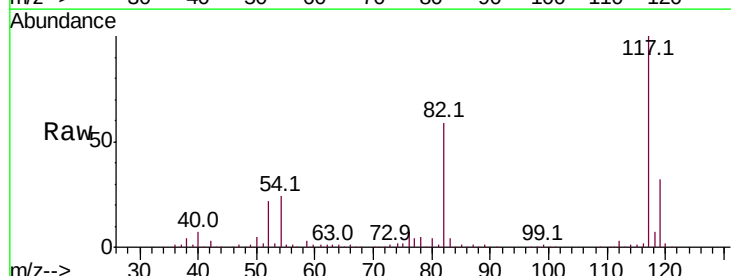
Tgt Ion: 117 Resp: 191454

Ion Ratio Lower Upper

117 100

82 59.2 39.4 59.0#

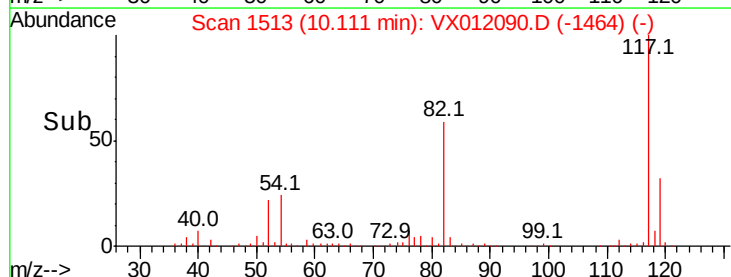
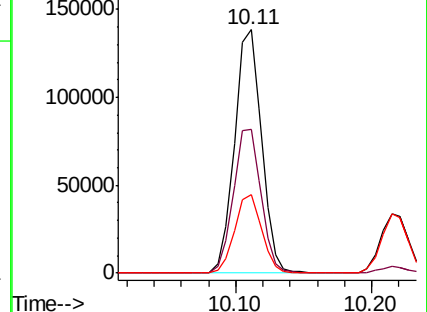
119 32.1 26.1 39.1

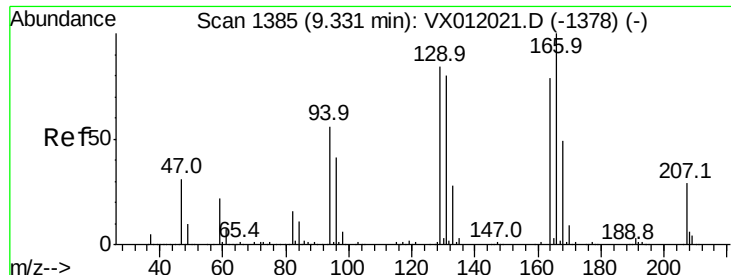


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)





#64

Tetrachloroethene

Concen: 59.642 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 71189

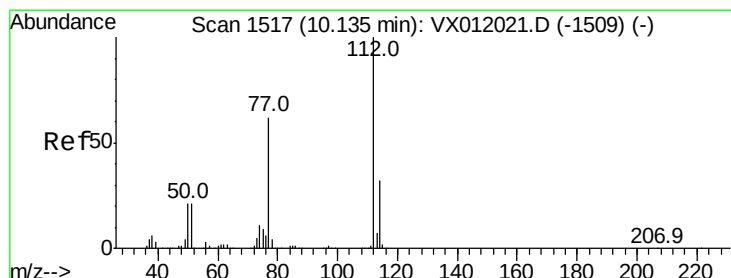
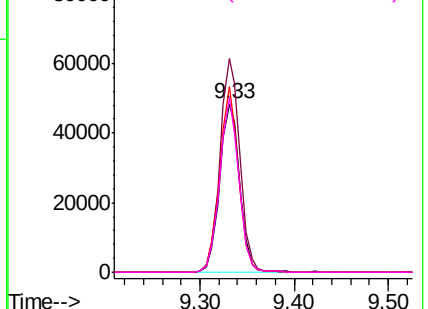
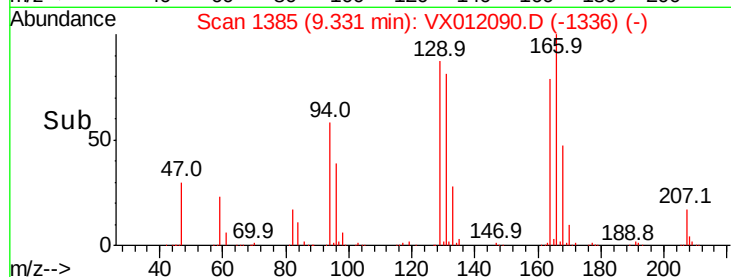
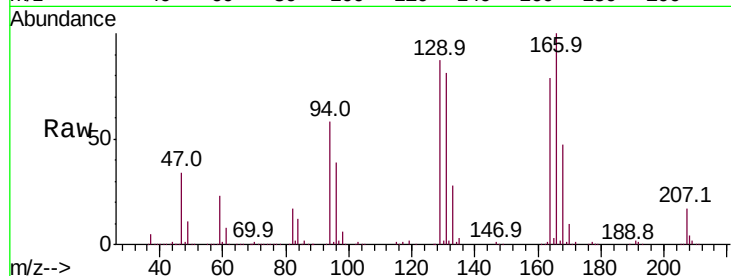
Ion Ratio Lower Upper

164 100

166 127.1 104.3 156.5

129 110.2 68.3 102.5#

131 103.3 65.4 98.0#



#65

Chlorobenzene

Concen: 51.403 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012090.D

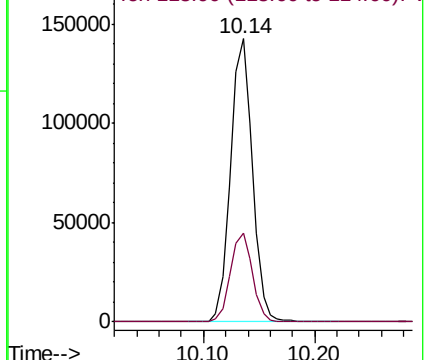
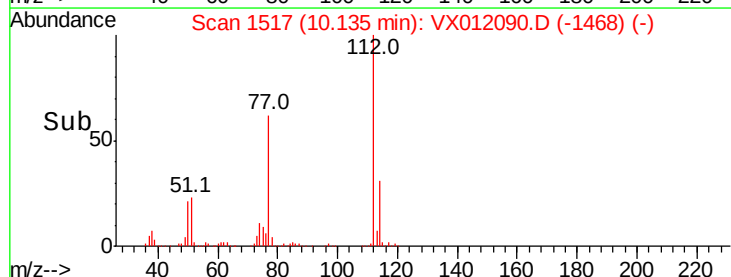
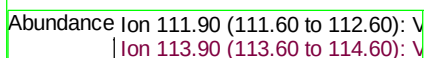
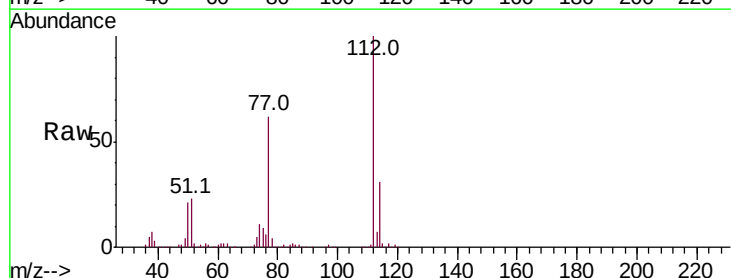
Acq: 05 Sep 2019 09:52

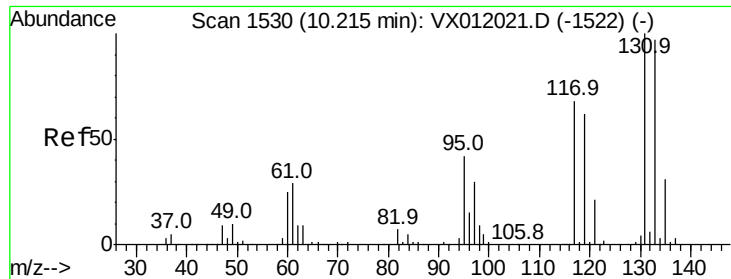
Tgt Ion:112 Resp: 194175

Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.2





#66

1,1,1,2-Tetrachloroethane

Concen: 52.471 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

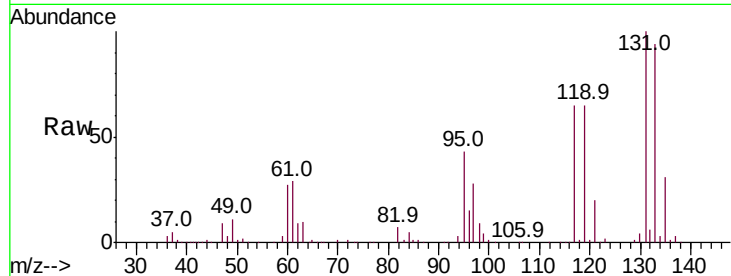
Tot Ion:131 Resp: 72475

Ion Ratio Lower Upper

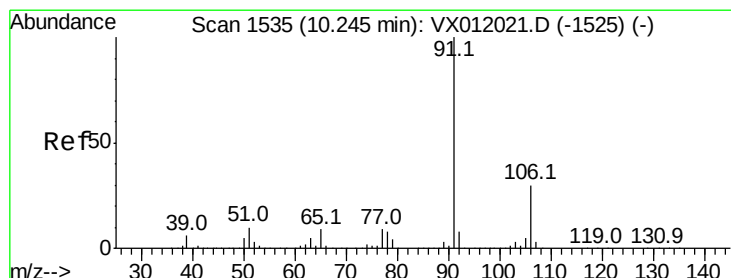
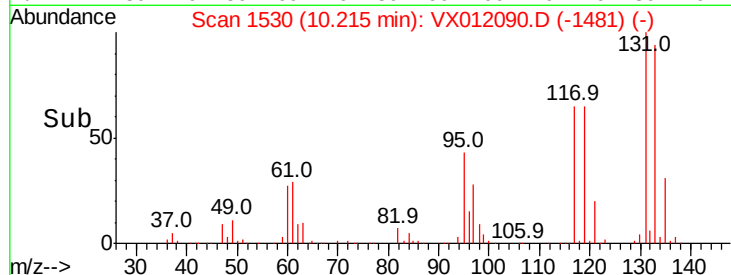
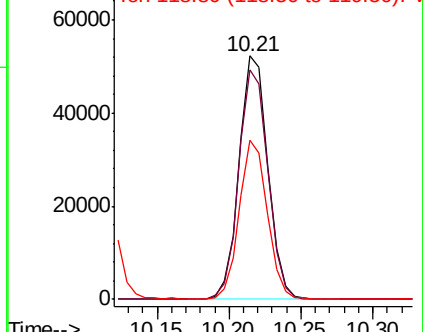
131 100

133 95.5 48.4 145.0

119 64.1 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.018 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012090.D

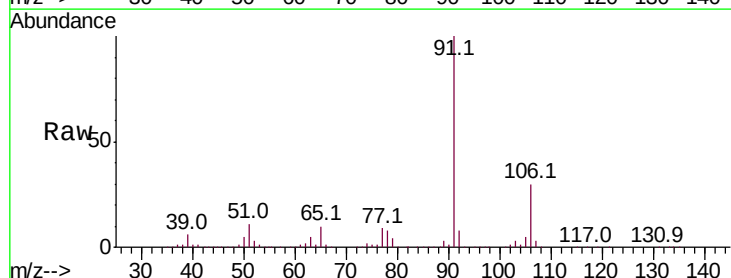
Acq: 05 Sep 2019 09:52

Tgt Ion: 91 Resp: 344407

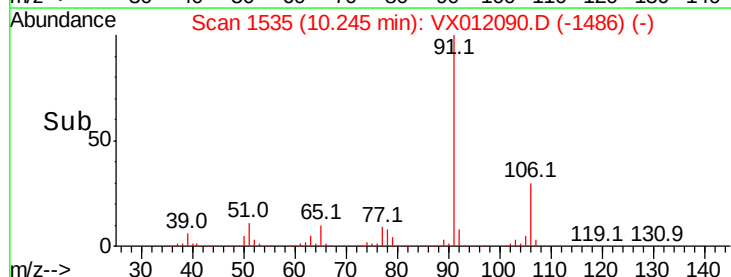
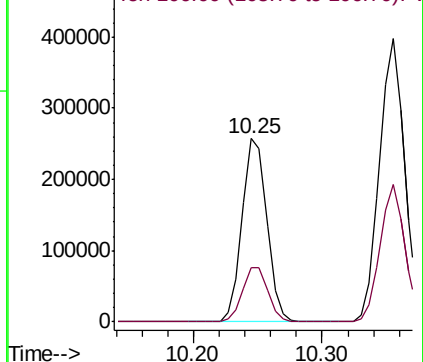
Ion Ratio Lower Upper

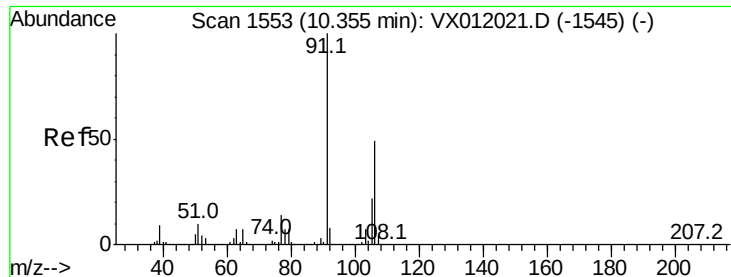
91 100

106 29.7 25.8 38.8



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





#68

m/p-Xylenes

Concen: 100.569 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

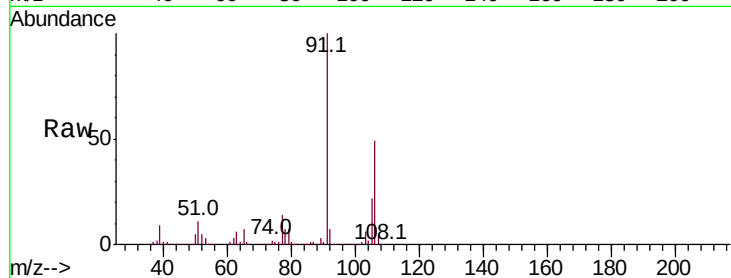
ClientSampled :

Tot Ion:106 Resp: 255139

Ion Ratio Lower Upper

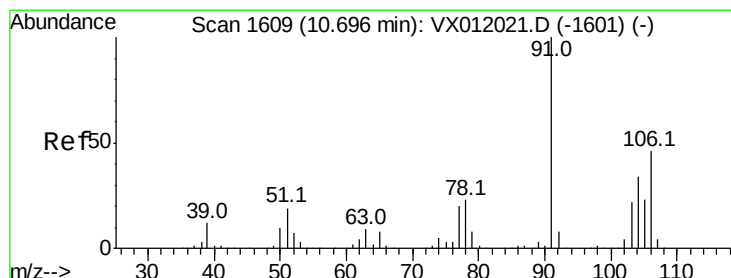
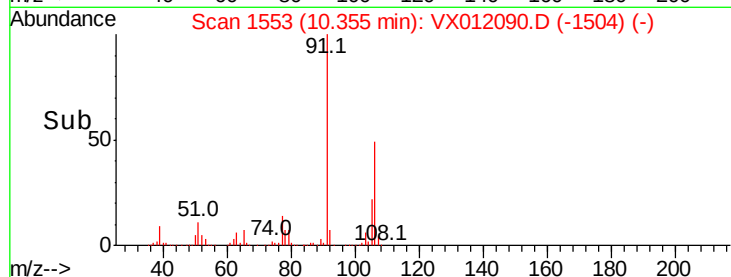
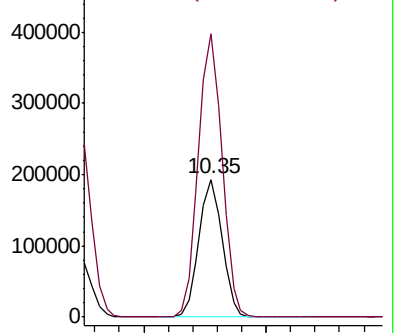
106 100

91 209.9 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 51.558 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012090.D

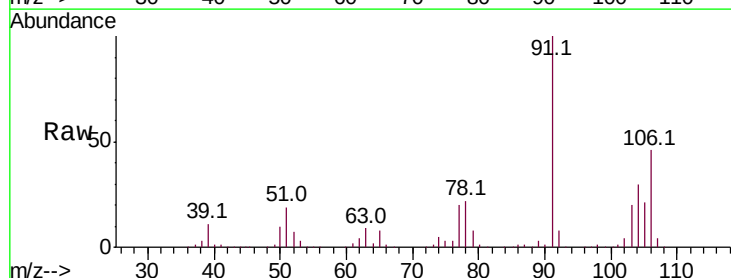
Acq: 05 Sep 2019 09:52

Tgt Ion:106 Resp: 126835

Ion Ratio Lower Upper

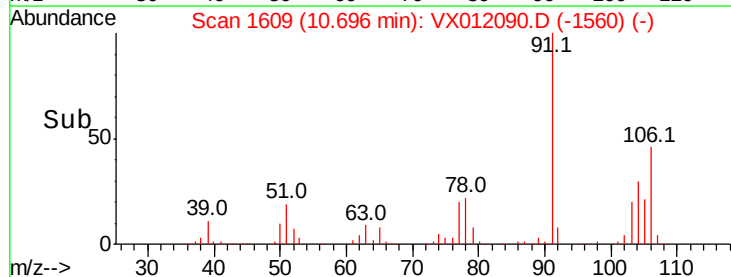
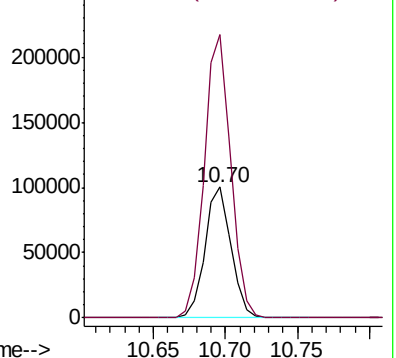
106 100

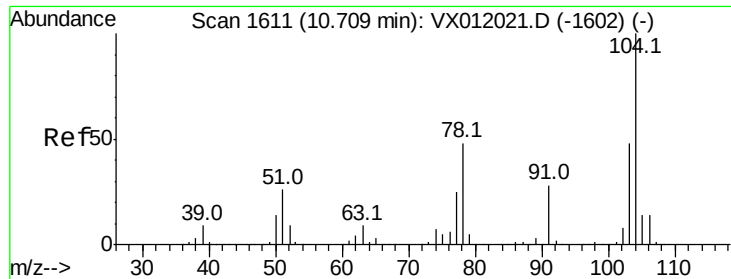
91 219.7 103.5 310.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

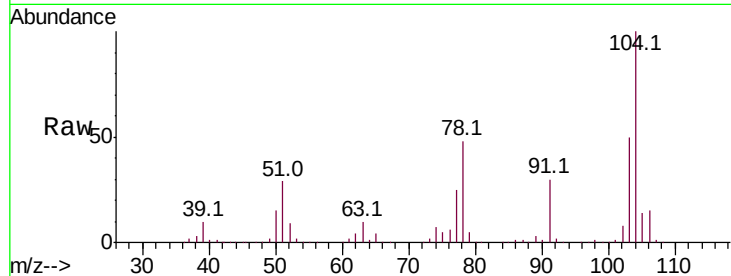




#70
Stvrene
Concen: 52.246 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.2	39.1	58.7
103	53.9	43.4	65.2

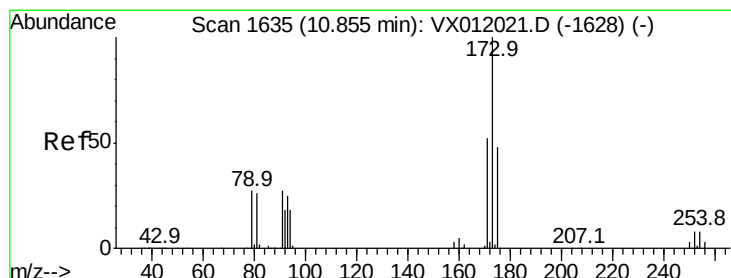
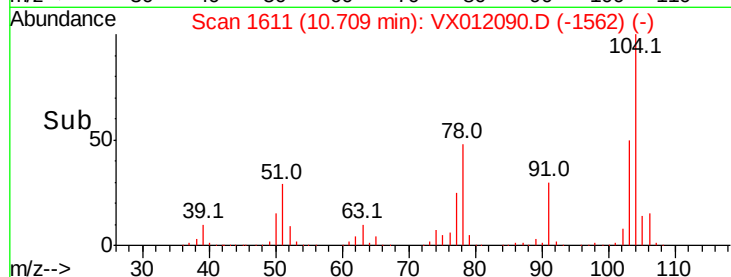
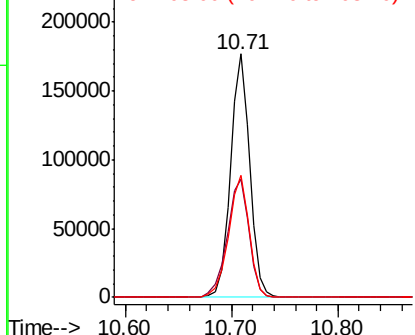


Abundance

Ion 104.00 (103.70 to 104.70): V

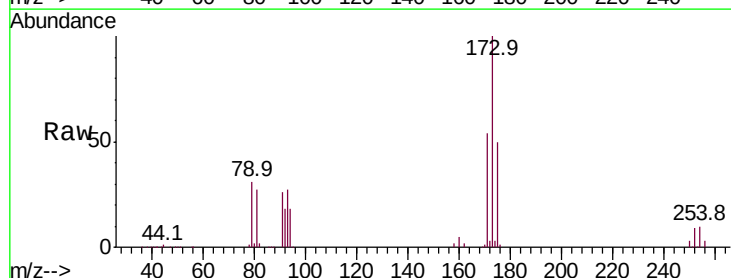
Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 52.642 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.0	0.1	0.1#

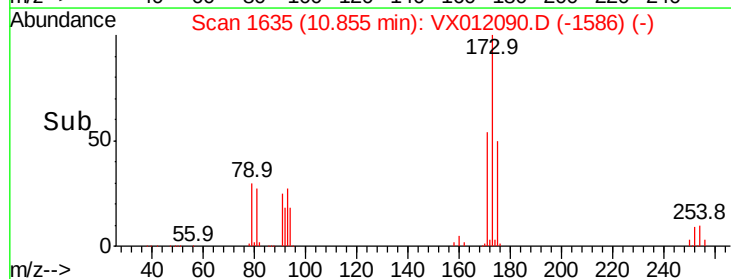
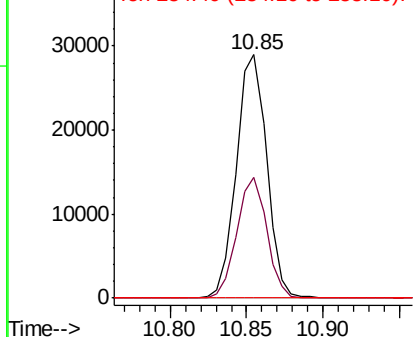


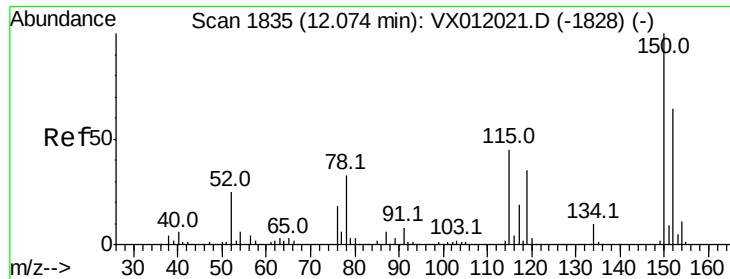
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



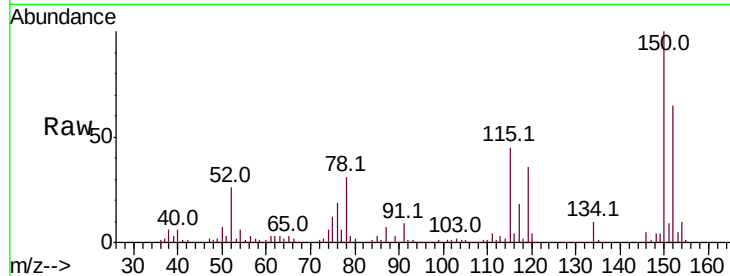


#72

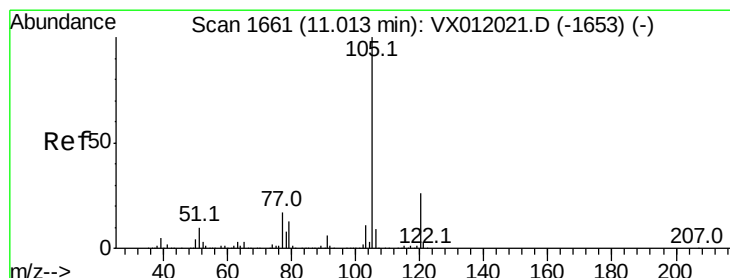
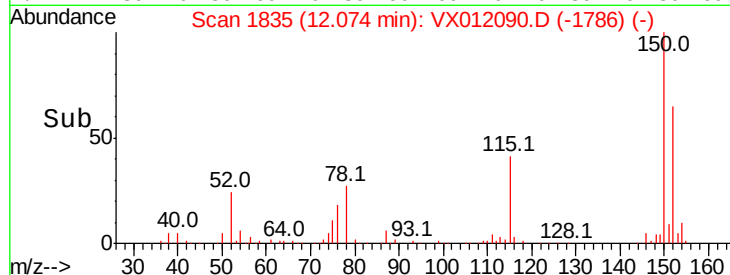
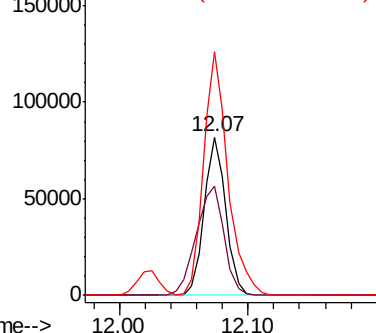
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 95976
Ion Ratio Lower Upper
152 100
115 89.0 36.4 109.3
150 172.3 0.0 341.2



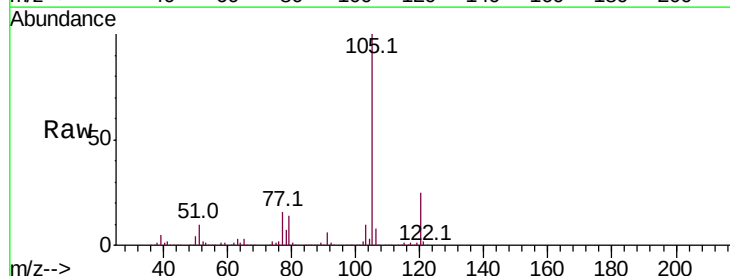
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



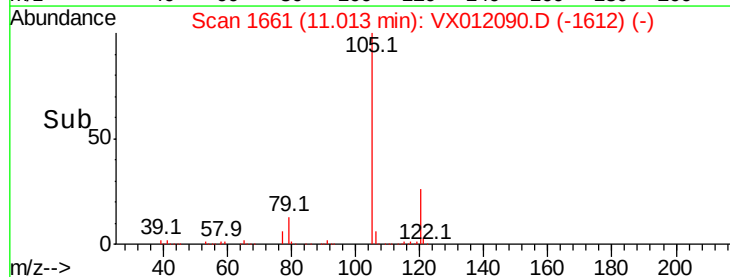
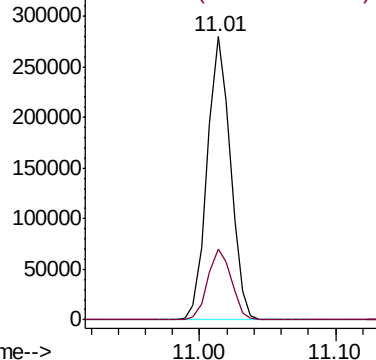
#73

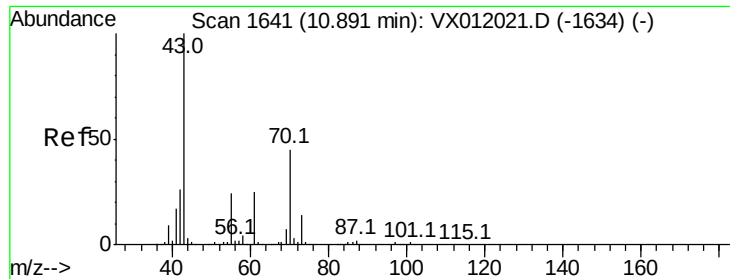
Isopropylbenzene
Concen: 47.265 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion:105 Resp: 332836
Ion Ratio Lower Upper
105 100
120 25.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.667 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 84671

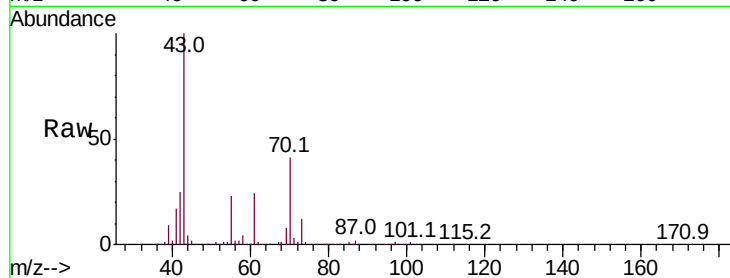
Ion Ratio Lower Upper

43 100

70 41.3 34.4 51.6

55 24.0 18.5 27.7

61 24.2 19.5 29.3

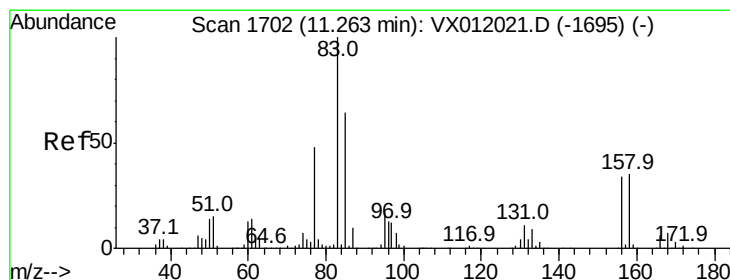
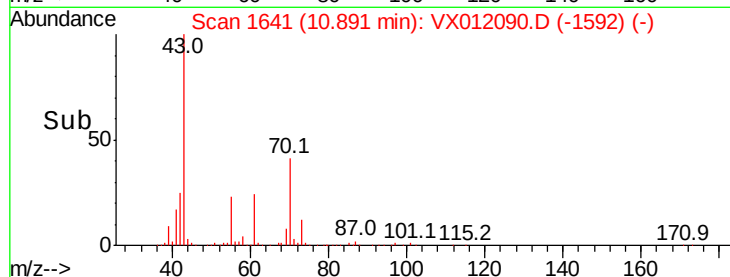
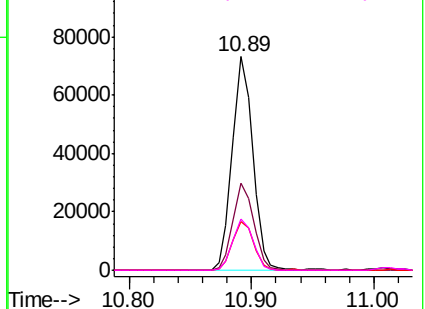


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.215 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

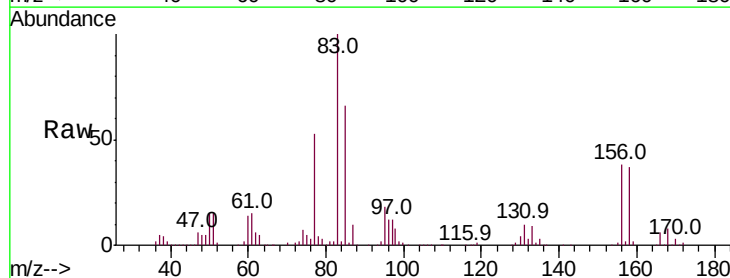
Tgt Ion: 83 Resp: 73719

Ion Ratio Lower Upper

83 100

131 10.4 6.3 19.1

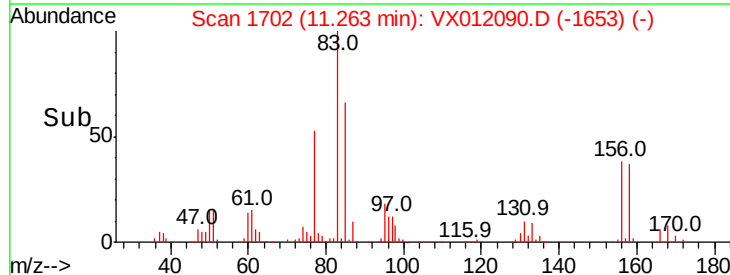
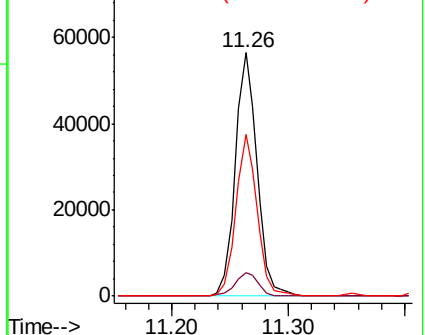
85 65.0 32.5 97.4

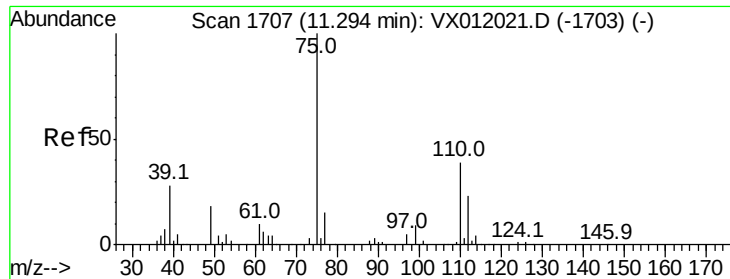


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

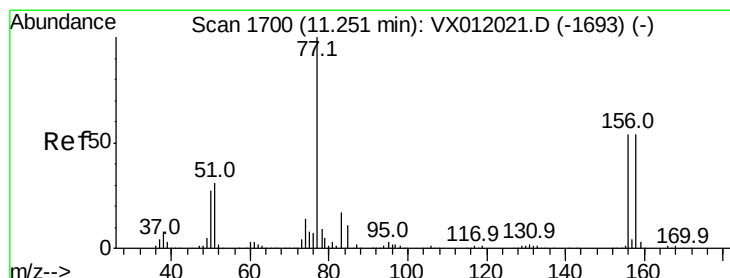
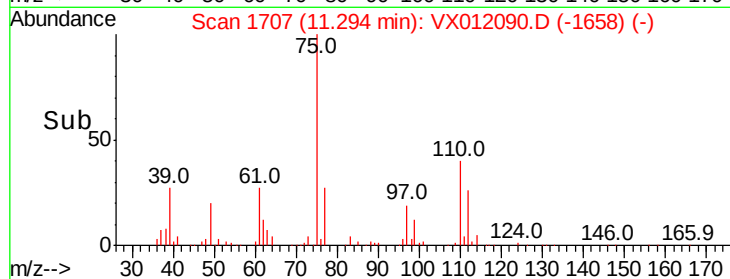
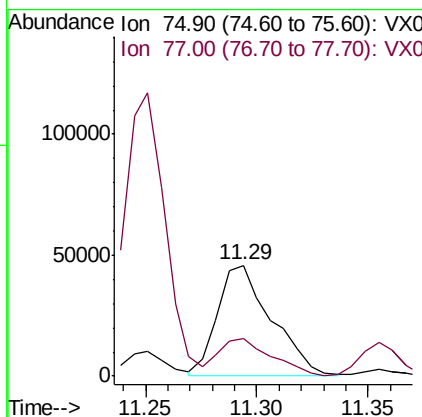
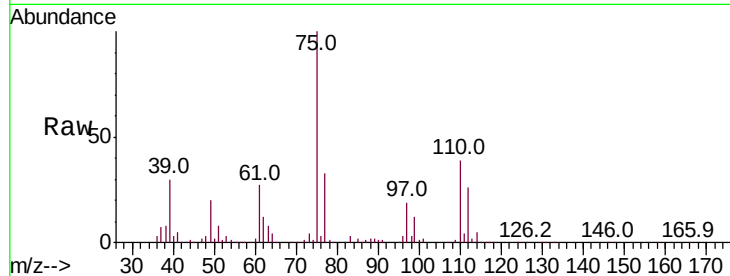




#76
 1,2,3-Trichloropropane
 Concen: 65.820 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

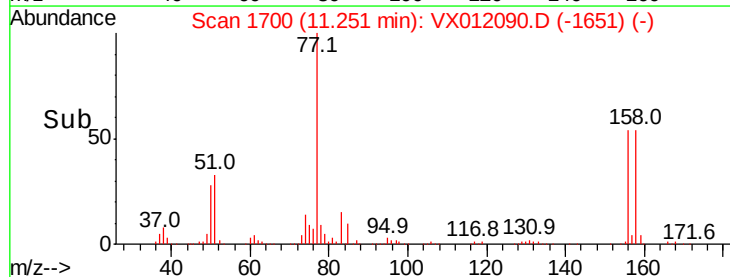
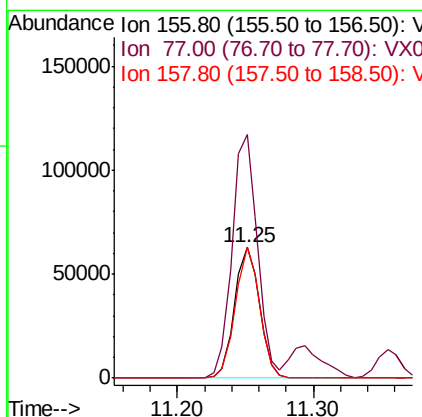
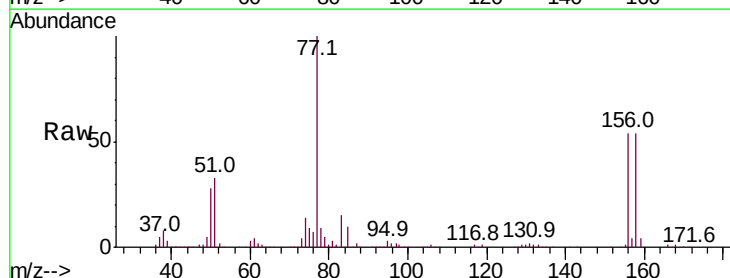
Instrument :
 MSVOA_X
 ClientSampled :

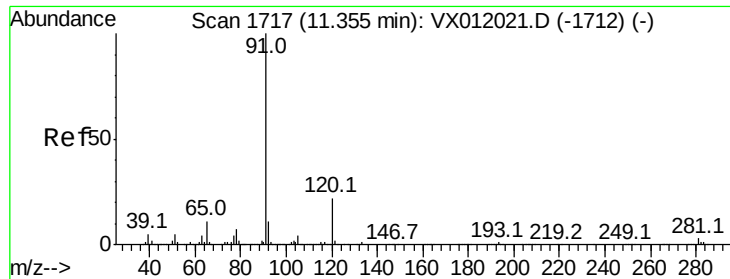
Tot Ion: 75 Resp: 77186
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.5 70.5



#77
 Bromobenzene
 Concen: 51.132 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 156 Resp: 80530
 Ion Ratio Lower Upper
 156 100
 77 188.3 63.4 190.2
 158 96.4 48.9 146.6





#78

n-propylbenzene

Concen: 46.212 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

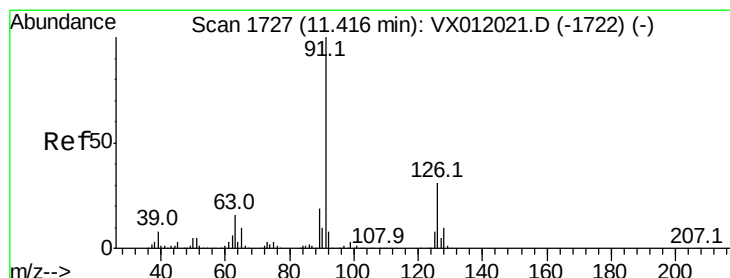
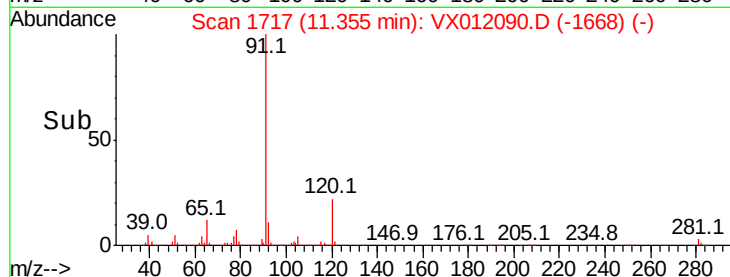
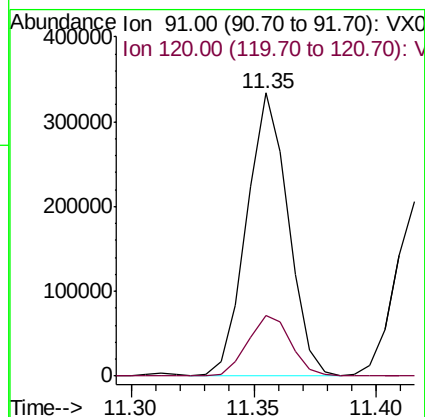
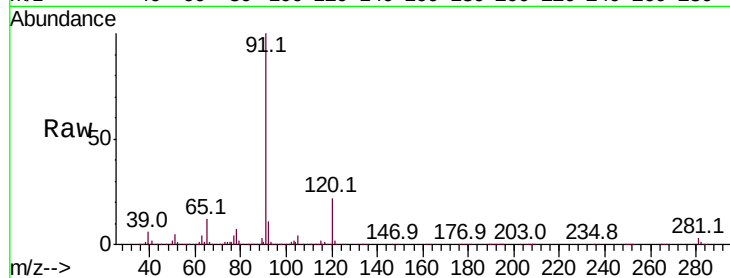
ClientSampled :

Tot Ion: 91 Resp: 393146

Ion Ratio Lower Upper

91 100

120 22.3 12.7 38.0



#79

2-Chlorotoluene

Concen: 48.789 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012090.D

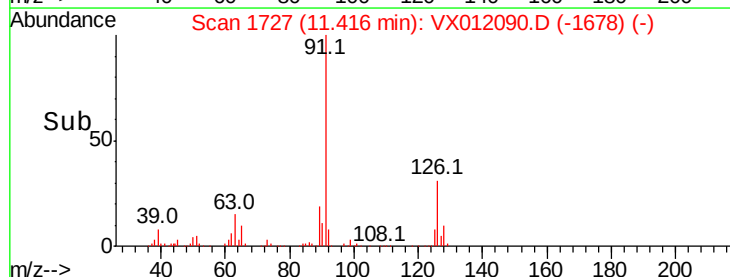
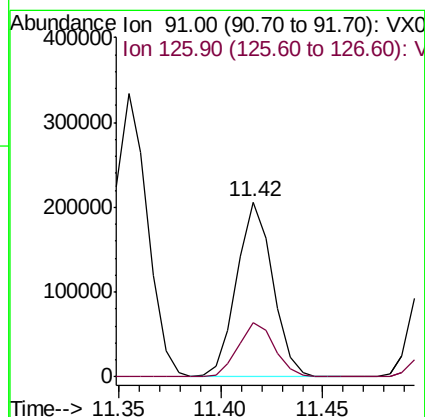
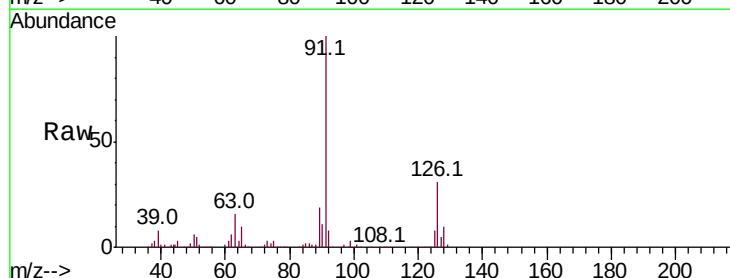
Acq: 05 Sep 2019 09:52

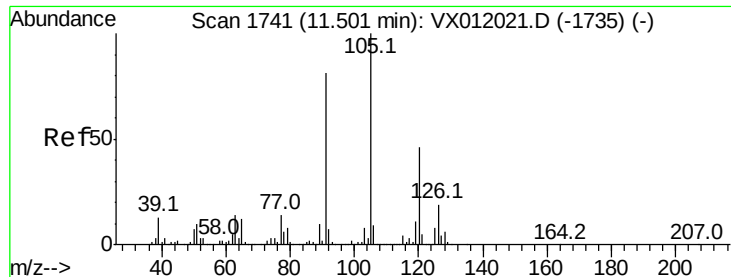
Tgt Ion: 91 Resp: 251460

Ion Ratio Lower Upper

91 100

126 31.4 18.6 55.8

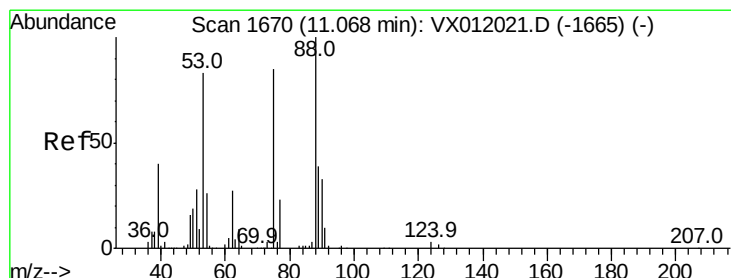
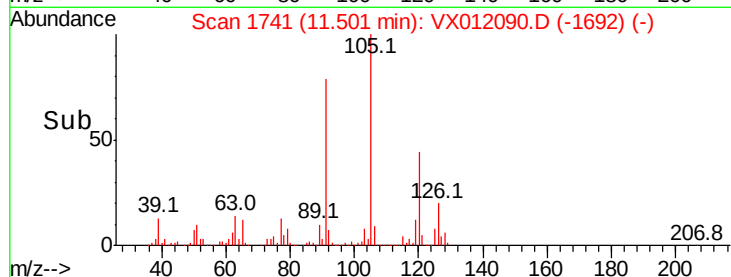
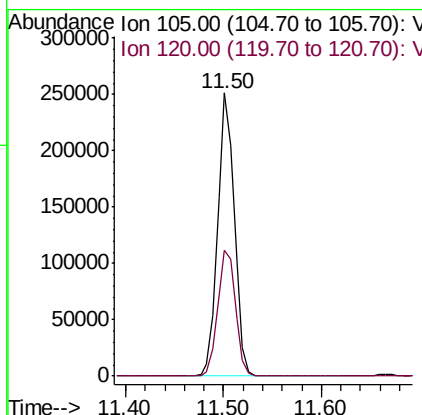
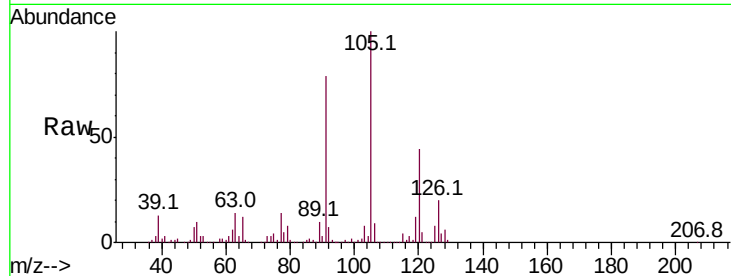




#80
 1,3,5-Trimethylbenzene
 Concen: 48.283 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

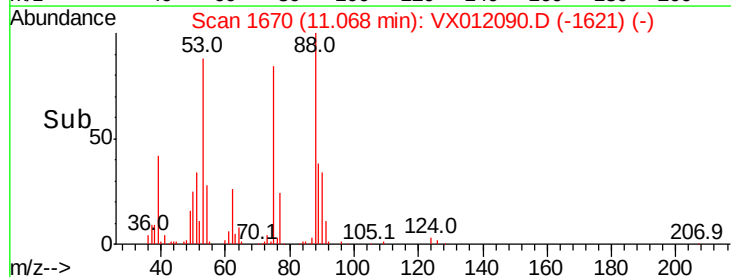
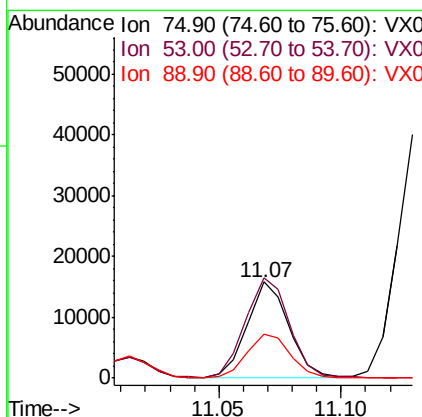
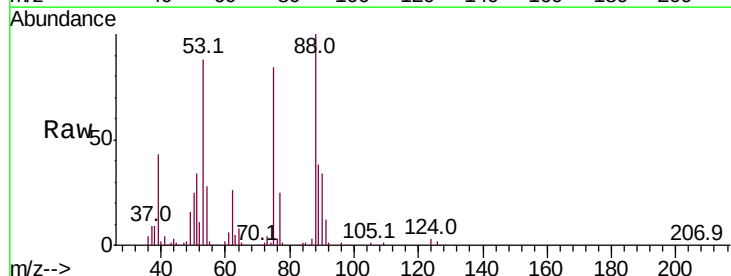
Instrument :
 MSVOA_X
 ClientSampled :

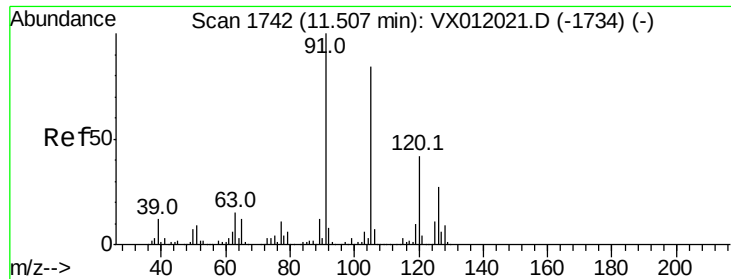
Tot Ion:105 Resp: 297960
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.8 77.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.510 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 75 Resp: 18606
 Ion Ratio Lower Upper
 75 100
 53 112.5 78.6 117.8
 89 48.3 38.8 58.2

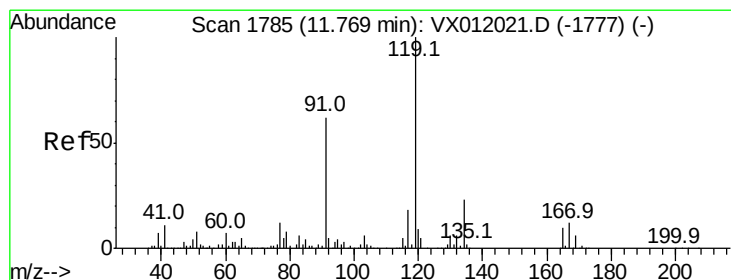
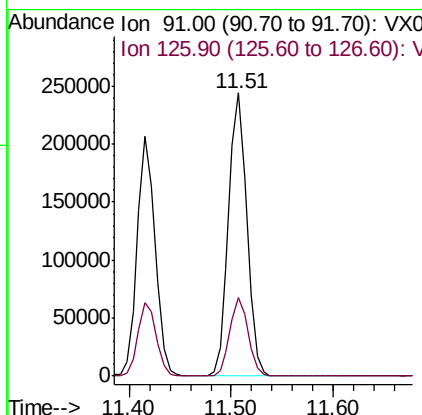
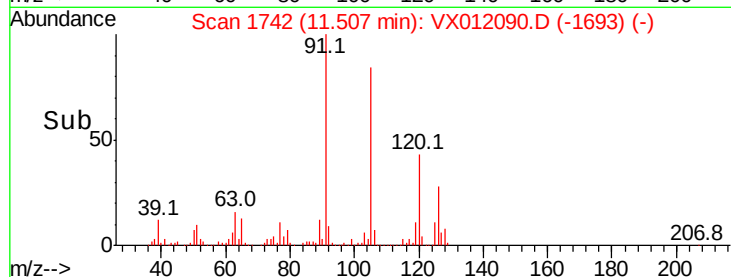
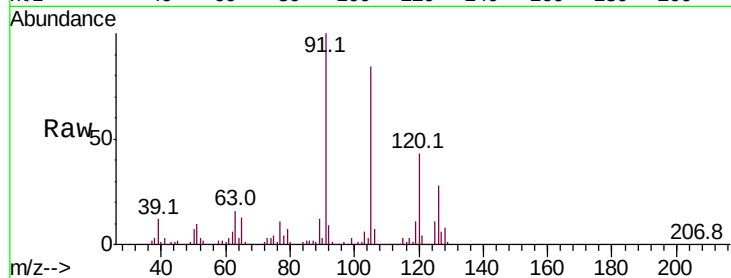




#82
4-Chlorotoluene
Concen: 49.377 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

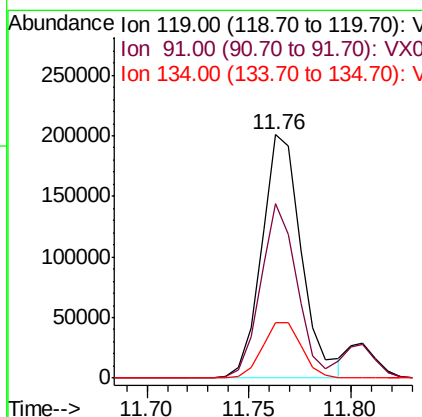
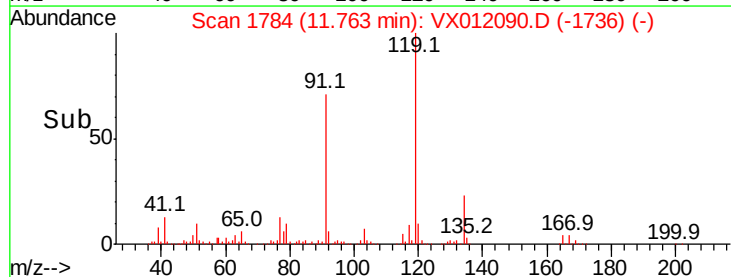
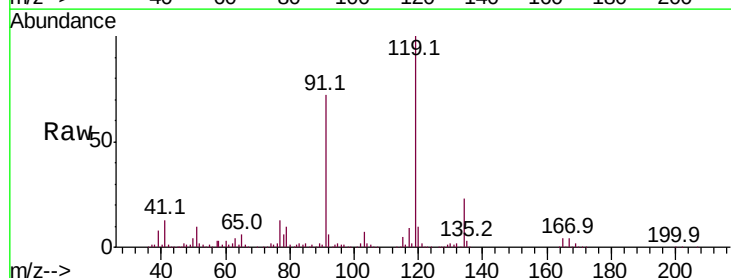
Instrument :
MSVOA_X
ClientSampled :

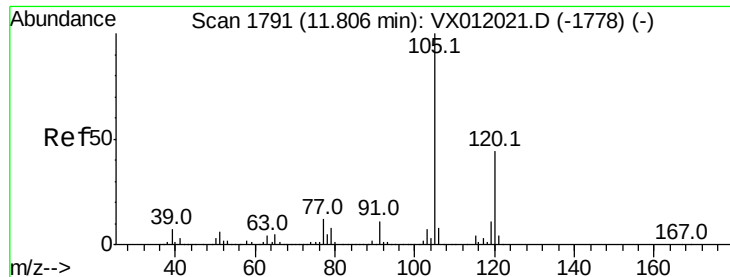
Tot Ion: 91 Resp: 303327
Ion Ratio Lower Upper
91 100
126 27.5 16.2 48.6



#83
tert-Butylbenzene
Concen: 46.216 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion: 119 Resp: 271832
Ion Ratio Lower Upper
119 100
91 65.3 27.1 81.2
134 22.5 12.1 36.3

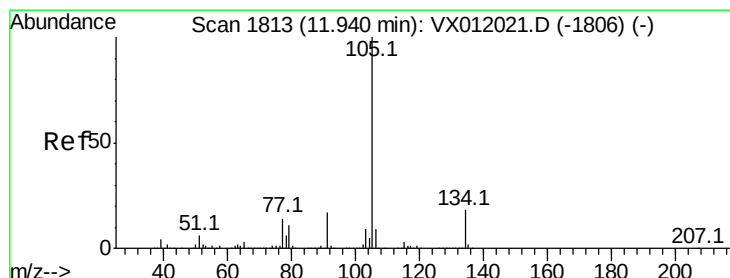
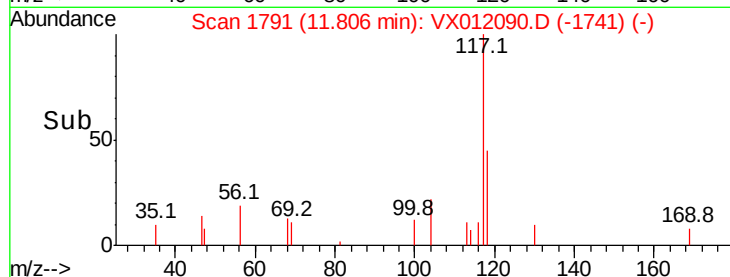
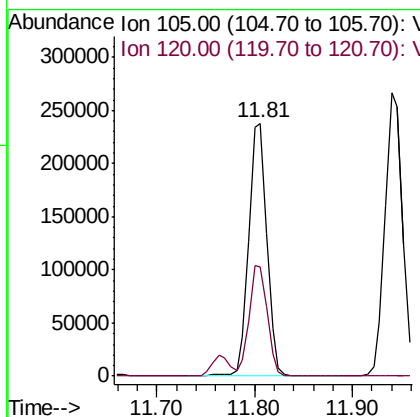
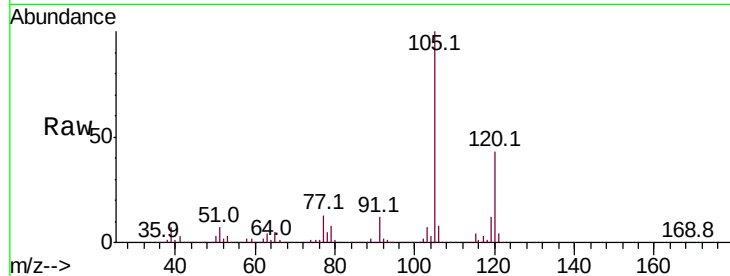




#84
 1,2,4-Trimethylbenzene
 Concen: 48.333 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

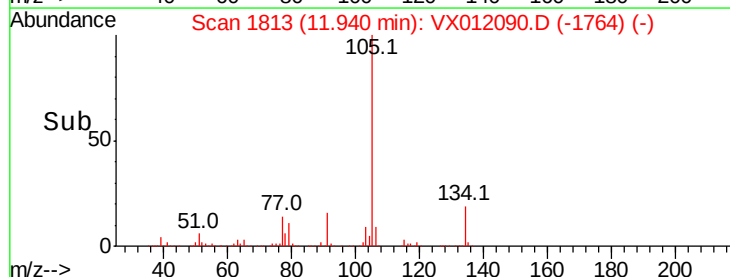
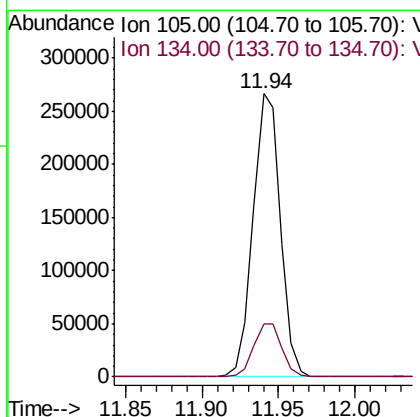
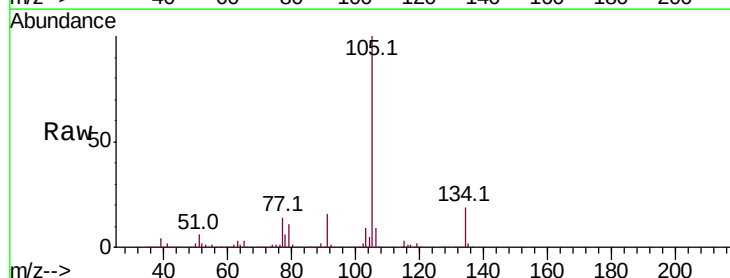
Instrument :
 MSVOA_X
 ClientSampleId :

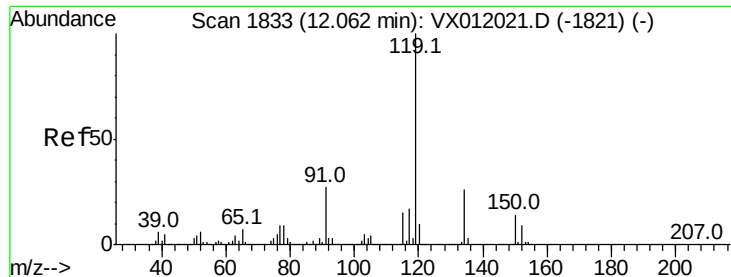
Tot Ion:105 Resp: 306552
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.6 70.8



#85
 sec-Butylbenzene
 Concen: 45.387 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion:105 Resp: 331584
 Ion Ratio Lower Upper
 105 100
 134 19.4 11.2 33.6

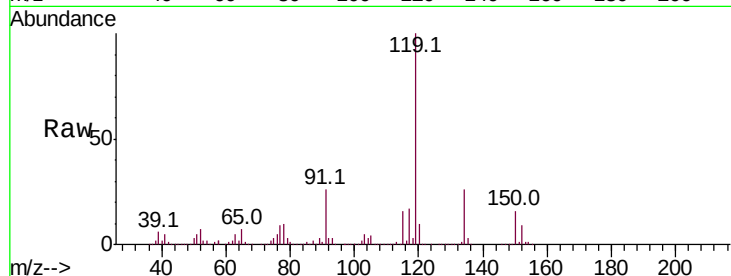




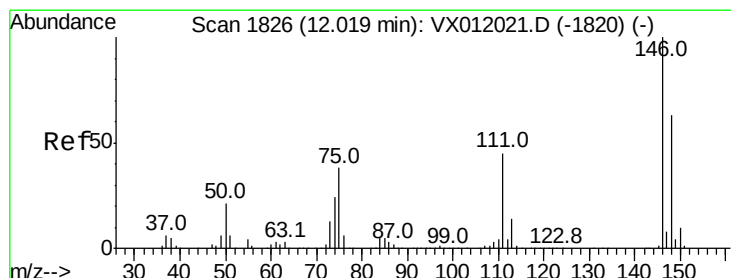
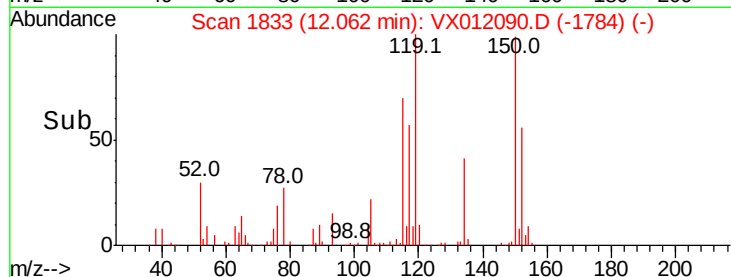
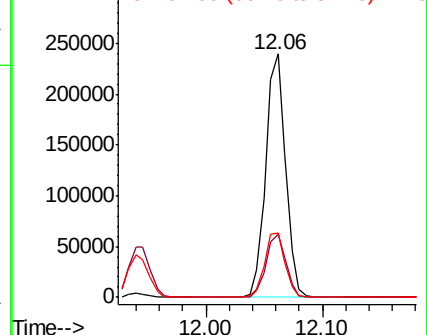
#86
p-Isopropyltoluene
Concen: 43.076 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.7	41.1
91	27.2	11.4	34.1

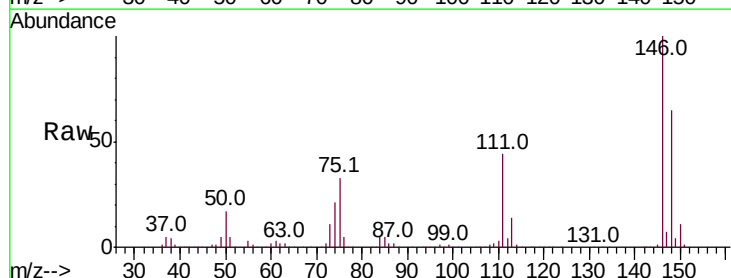


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

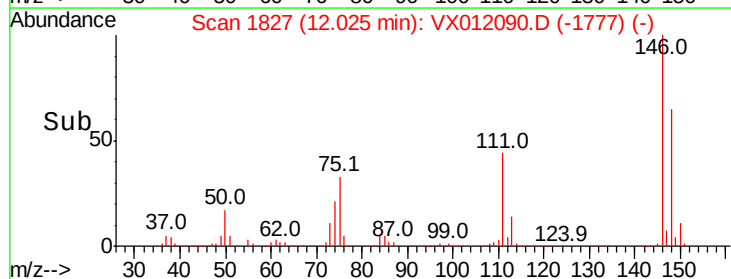
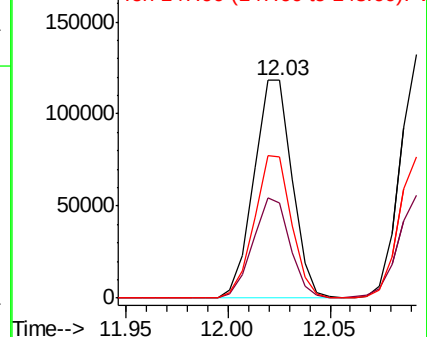


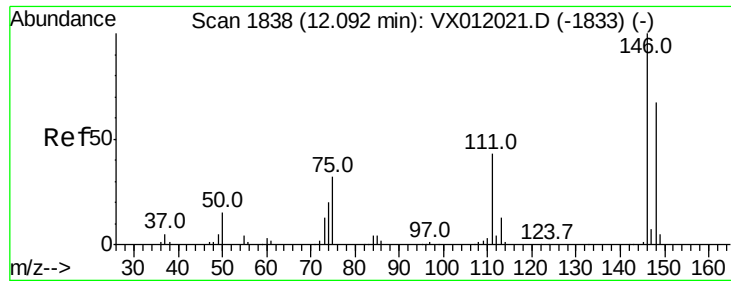
#87
1,3-Dichlorobenzene
Concen: 48.979 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	18.1	54.1
148	63.6	32.6	97.8



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

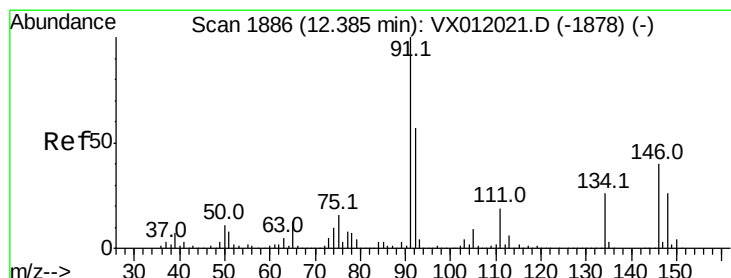
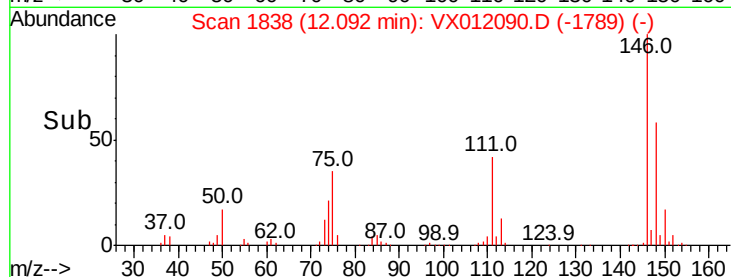
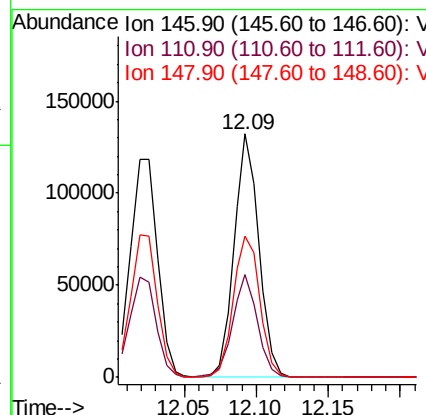
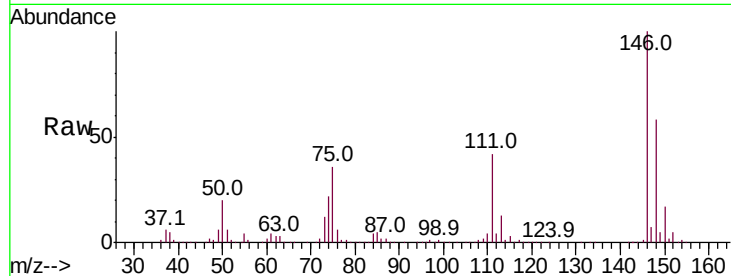




#88
 1,4-Dichlorobenzene
 Concen: 50.519 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

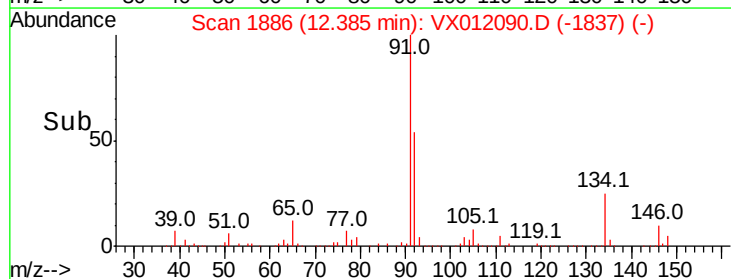
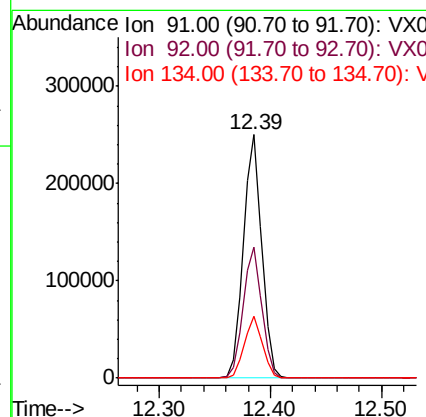
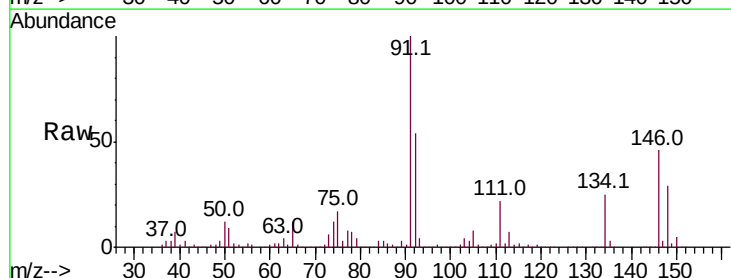
Instrument :
 MSVOA_X
 ClientSampleId :

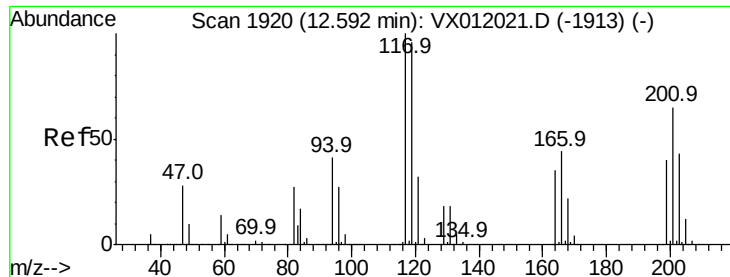
Tot Ion:146 Resp: 159413
 Ion Ratio Lower Upper
 146 100
 111 42.4 17.7 53.1
 148 62.1 32.4 97.0



#89
 n-Butylbenzene
 Concen: 44.300 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Tgt Ion: 91 Resp: 285920
 Ion Ratio Lower Upper
 91 100
 92 54.6 27.6 82.8
 134 24.9 15.4 46.1





#90

Hexachloroethane

Concen: 44.975 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Instrument :

MSVOA_X

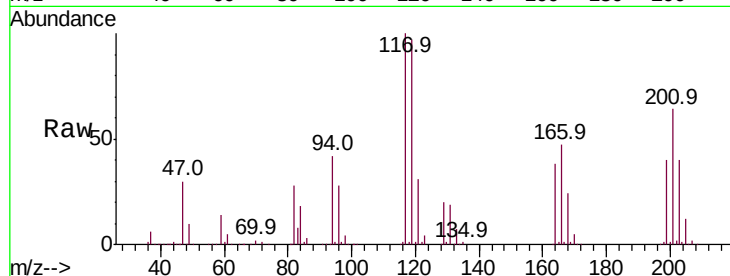
ClientSampled :

Tot Ion:117 Resp: 59664

Ion Ratio Lower Upper

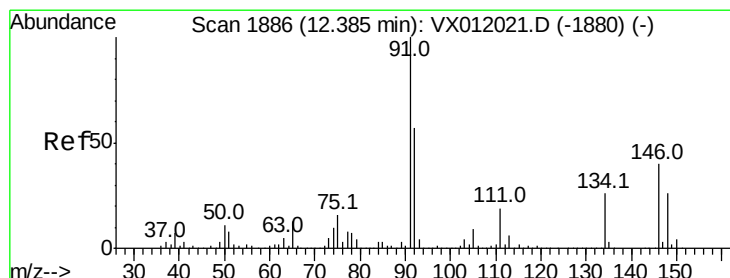
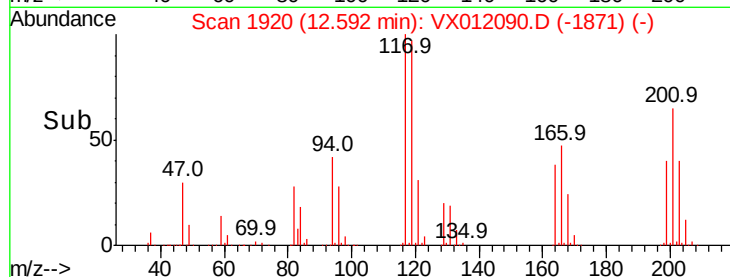
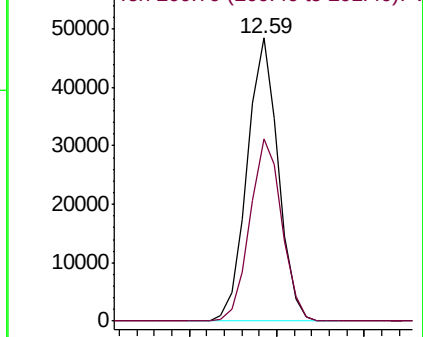
117 100

201 66.6 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.073 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

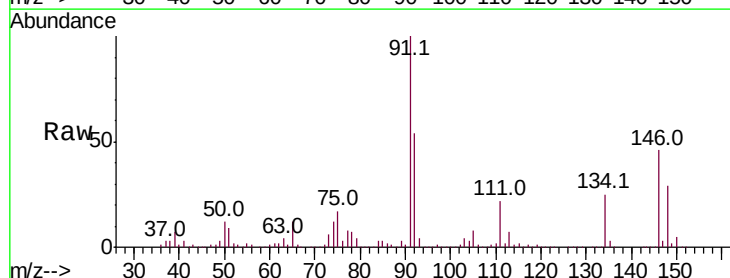
Tgt Ion:146 Resp: 148004

Ion Ratio Lower Upper

146 100

111 45.8 18.6 56.0

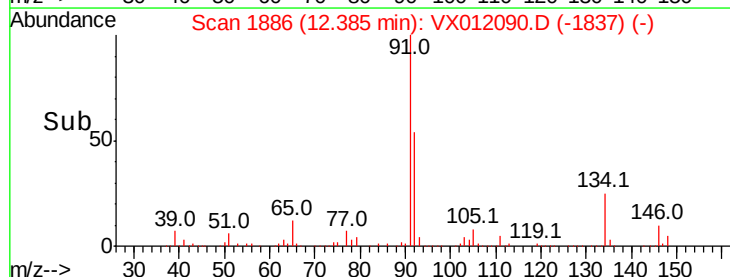
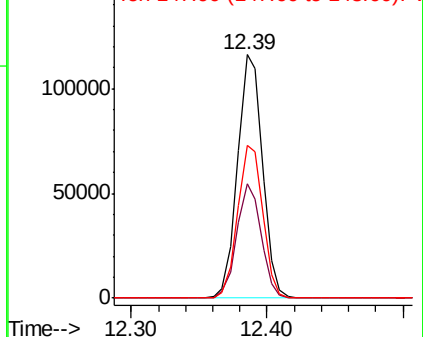
148 63.4 32.4 97.2

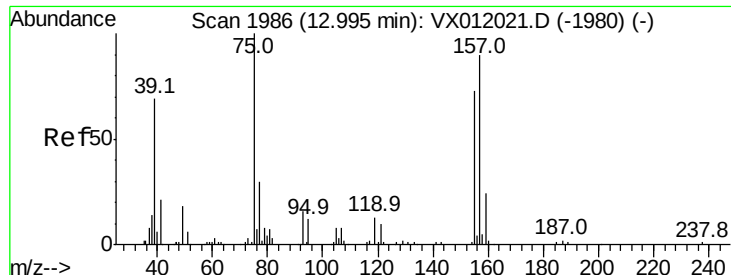


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.552 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

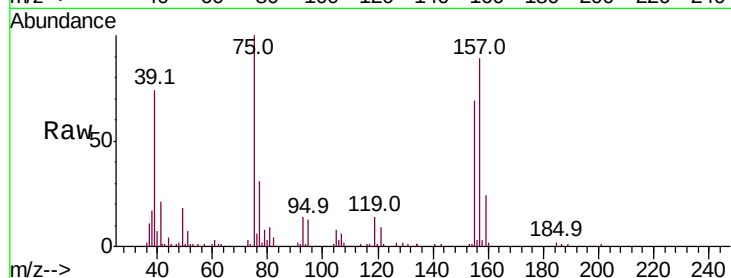
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 15837

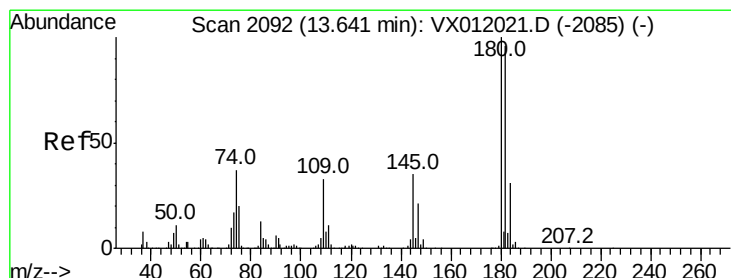
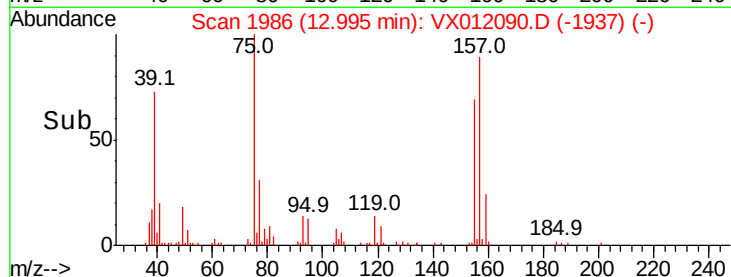
Ion	Ratio	Lower	Upper
75	100		
155	71.0	51.7	155.2
157	87.9	66.9	200.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.031 ug/l

RT: 13.64 min Scan# 2092

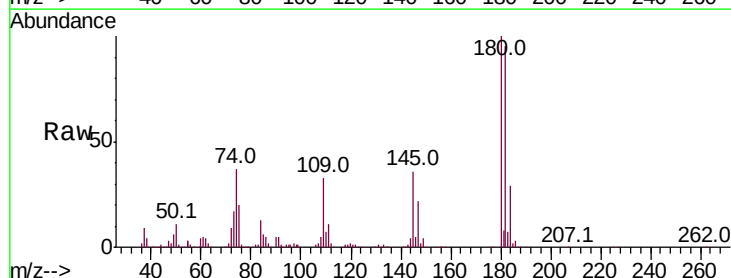
Delta R.T. -0.00 min

Lab File: VX012090.D

Acq: 05 Sep 2019 09:52

Tgt Ion:180 Resp: 95145

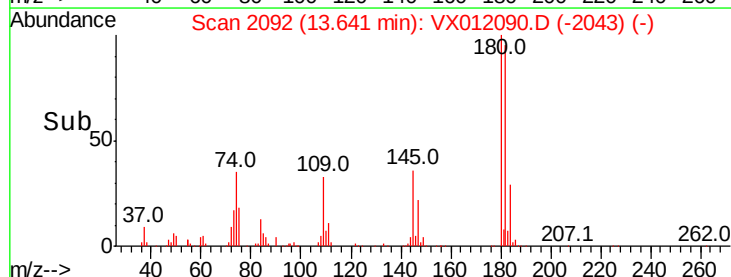
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	34.7	13.7	41.0

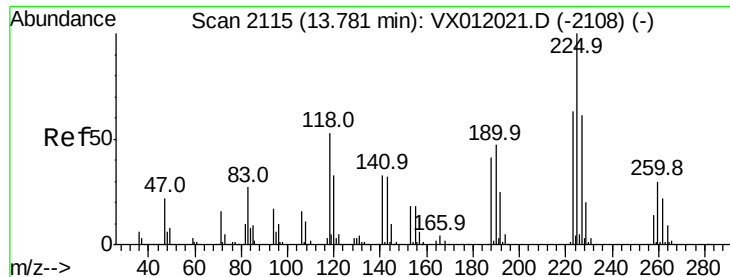


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

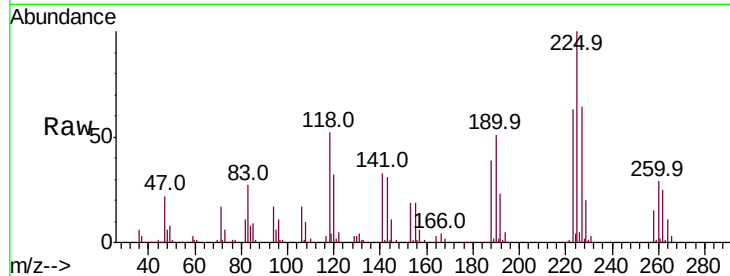




#94
Hexachlorobutadiene
Concen: 44.524 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.6	95.0
227	63.9	32.5	97.5

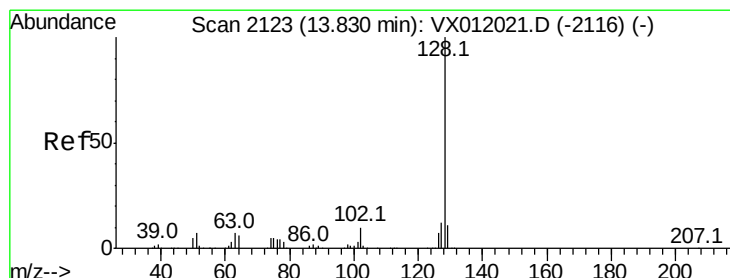
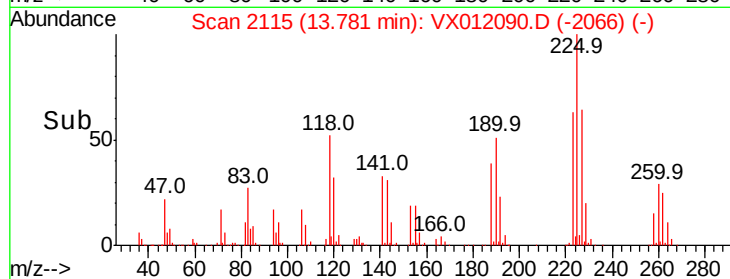
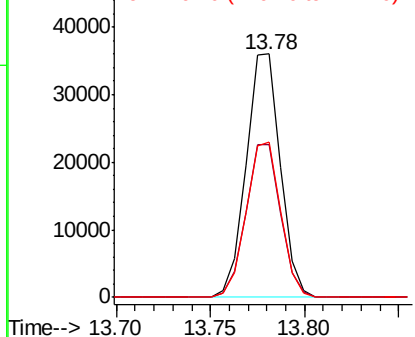


Abundance

Ion 224.70 (224.40 to 225.40): V

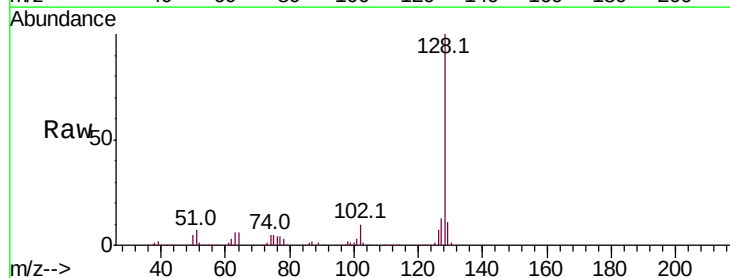
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 51.780 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012090.D
Acq: 05 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.8	13.2

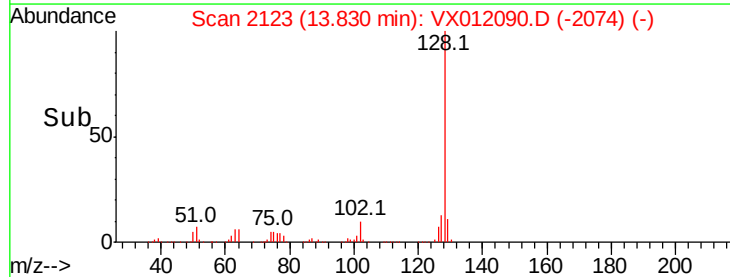
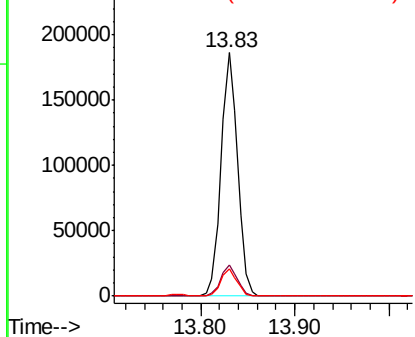


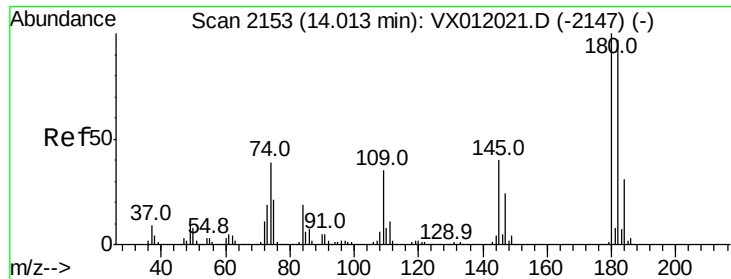
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

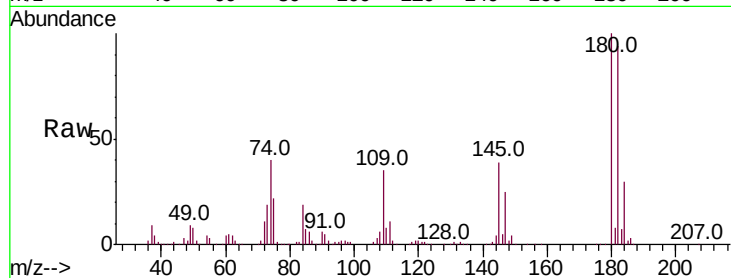




#96
 1,2,3-Trichlorobenzene
 Concen: 49.430 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX012090.D
 Acq: 05 Sep 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	37.5	14.1	42.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

