

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012955.D
 Acq On : 09 Oct 2019 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 01:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122261	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	107548	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	5.48	113	86078	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	324531	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	126881	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	90554	52.125	ug/l	99
3) Chloromethane	1.32	50	96453	51.015	ug/l	97
4) Vinyl Chloride	1.40	62	98814	50.636	ug/l	98
5) Bromomethane	1.63	94	38759	47.780	ug/l	98
6) Chloroethane	1.71	64	61145	51.286	ug/l	99
7) Trichlorofluoromethane	1.92	101	140188	53.224	ug/l	98
8) Diethyl Ether	2.18	74	53813	50.617	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89055	52.243	ug/l	99
10) Methyl Iodide	2.50	142	96635	50.035	ug/l	99
11) Tert butyl alcohol	3.04	59	141115	249.897	ug/l	98
12) 1,1-Dichloroethene	2.36	96	88455	51.359	ug/l	92
13) Acrolein	2.28	56	84915	211.599	ug/l	99
14) Allyl chloride	2.72	41	158445	51.658	ug/l	99
15) Acrylonitrile	3.13	53	280081	261.725	ug/l	99
16) Acetone	2.43	43	240774	214.437	ug/l	100
17) Carbon Disulfide	2.56	76	239000	48.667	ug/l	100
18) Methyl Acetate	2.76	43	136480	51.282	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	318865	53.611	ug/l	98
20) Methylene Chloride	2.84	84	104071	50.434	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	96368	52.204	ug/l	99
22) Diisopropyl ether	3.84	45	315011	53.598	ug/l	95
23) Vinyl Acetate	3.80	43	1370181	270.056	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173852	52.580	ug/l	99
25) 2-Butanone	4.66	43	390146	250.454	ug/l	98
26) 2,2-Dichloropropane	4.57	77	133374	47.969	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111941	52.608	ug/l	98
28) Bromochloromethane	5.00	49	53151	53.824	ug/l	100
29) Tetrahydrofuran	5.11	42	250844	261.680	ug/l	99
30) Chloroform	5.20	83	177483	52.314	ug/l	100
31) Cyclohexane	5.57	56	159500	51.589	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	154650	53.798	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134288	52.111	ug/l	99
37) Ethyl Acetate	4.82	43	147165	51.071	ug/l	100
38) Carbon Tetrachloride	5.78	117	131268	52.334	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162572	52.020	ug/l	96
40) Benzene	6.14	78	403307	52.989	ug/l	98
41) Methacrylonitrile	5.03	41	81397	51.407	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144400	52.873	ug/l	99
43) Isopropyl Acetate	6.44	43	242805	52.499	ug/l	99
44) Trichloroethene	7.20	130	102691	48.655	ug/l	90
45) 1,2-Dichloropropane	7.51	63	102484	52.831	ug/l	98
46) Dibromomethane	7.65	93	68539	53.031	ug/l	100
47) Bromodichloromethane	7.89	83	135499	53.723	ug/l	99
48) Methyl methacrylate	7.76	41	118137	52.417	ug/l	99
49) 1,4-Dioxane	7.73	88	58542	969.046	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757480	262.688	ug/l	100
52) Toluene	8.78	92	253521	52.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	149219	47.520	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166249	53.593	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101388	52.615	ug/l	100
56) Ethyl methacrylate	9.17	69	166432	48.297	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172794	51.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	364762	257.672	ug/l	99
59) 2-Hexanone	9.48	43	582221	259.378	ug/l	100
60) Dibromochloromethane	9.57	129	103980	48.545	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105607	52.098	ug/l	99
64) Tetrachloroethene	9.33	164	91889	50.438	ug/l	91
65) Chlorobenzene	10.14	112	267286	51.243	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	96811	53.530	ug/l	98
67) Ethyl Benzene	10.25	91	486294	52.486	ug/l	98
68) m/p-Xylenes	10.36	106	367207	106.088	ug/l	99
69) o-Xylene	10.70	106	177410	52.559	ug/l	99
70) Styrene	10.71	104	307939	53.664	ug/l	100
71) Bromoform	10.86	173	71485	46.624	ug/l #	99
73) Isopropylbenzene	11.01	105	475841	52.937	ug/l	99
74) N-amyl acetate	10.89	43	210989	54.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	156267	52.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182560	67.322	ug/l	77
77) Bromobenzene	11.25	156	110135	51.995	ug/l	97
78) n-propylbenzene	11.35	91	533353	53.923	ug/l	99
79) 2-Chlorotoluene	11.42	91	324986	52.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	405761	54.060	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	49167	46.900	ug/l	98
82) 4-Chlorotoluene	11.51	91	379995	53.333	ug/l	100
83) tert-Butylbenzene	11.76	119	381523	52.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	408799	53.778	ug/l	100
85) sec-Butylbenzene	11.94	105	454697	53.604	ug/l	99
86) p-Isopropyltoluene	12.06	119	425624	54.102	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199757	50.783	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202033	50.714	ug/l	99
89) n-Butylbenzene	12.39	91	352048	53.244	ug/l	99
90) Hexachloroethane	12.59	117	71428	49.063	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202031	52.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38765	55.320	ug/l	95

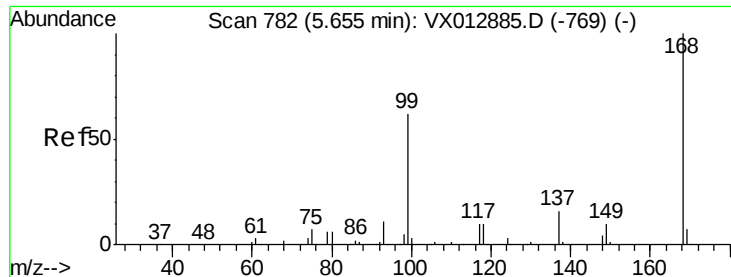
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127253	52.679	ug/l	97
94) Hexachlorobutadiene	13.78	225	55505	49.788	ug/l	97
95) Naphthalene	13.83	128	465770	55.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130276	52.187	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

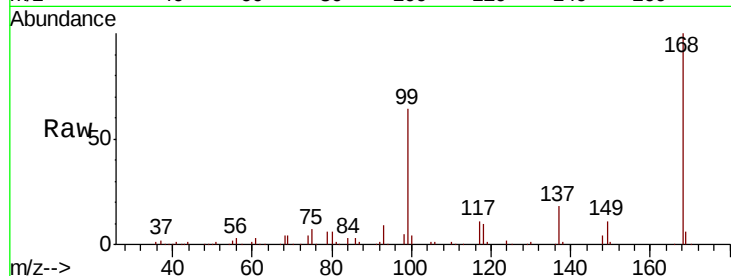
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 170432

Ion Ratio Lower Upper

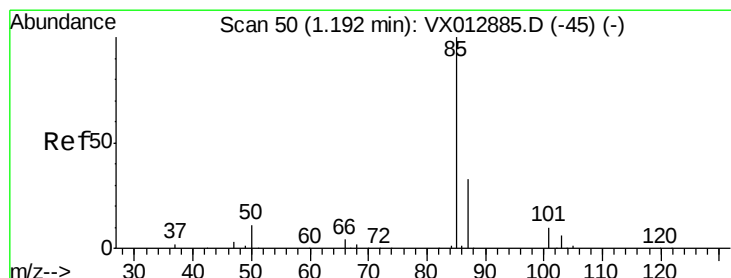
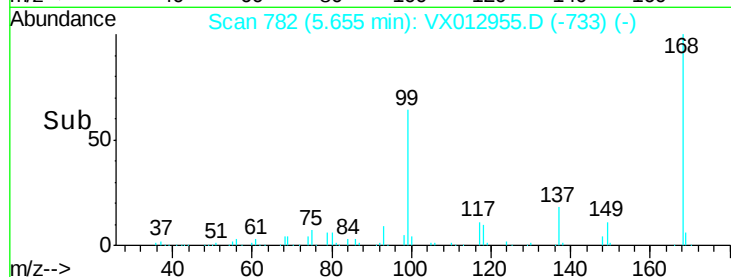
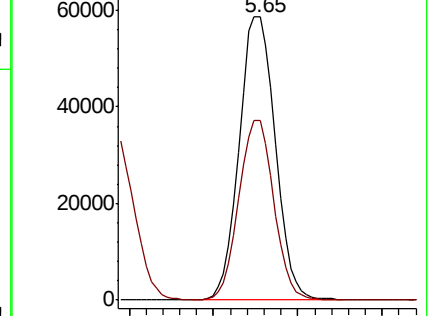
168 100

99 63.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.125 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012955.D

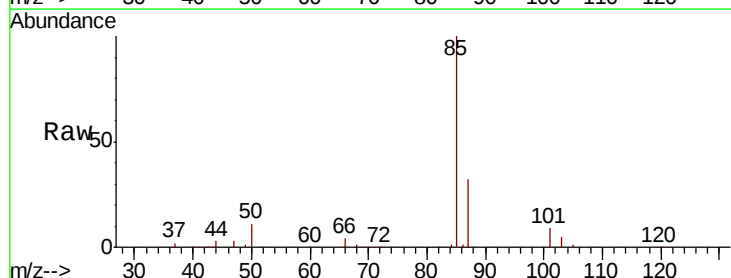
Acq: 09 Oct 2019 20:01

Tgt Ion: 85 Resp: 90554

Ion Ratio Lower Upper

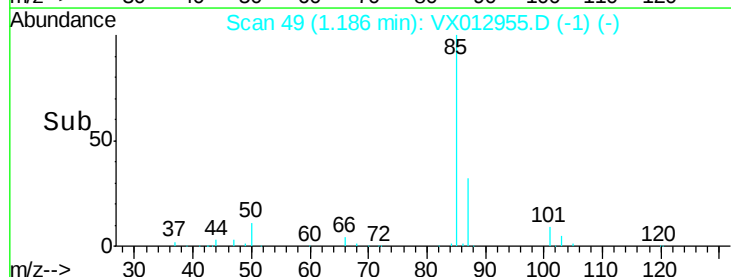
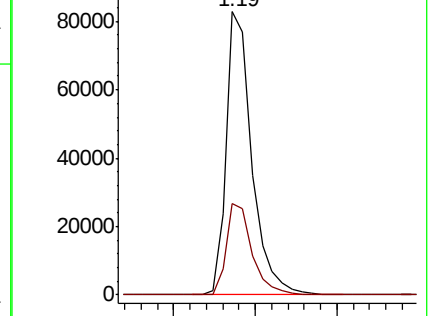
85 100

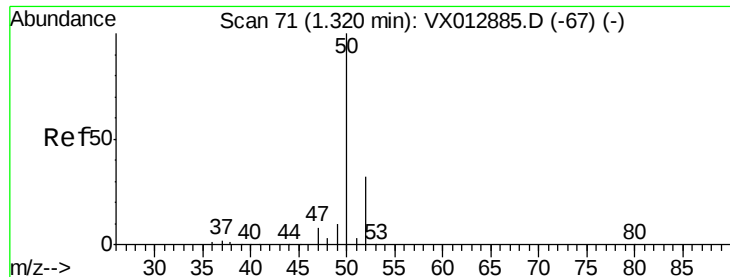
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.015 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

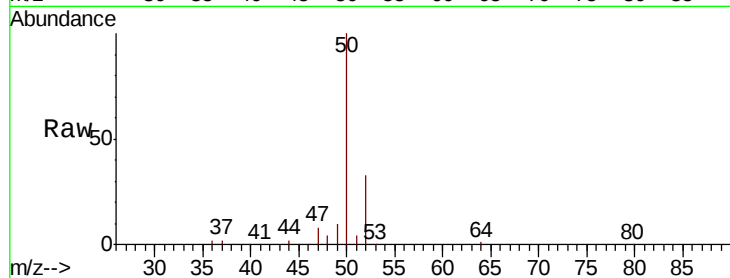
ClientSampleId :

Tot Ion: 50 Resp: 96453

Ion Ratio Lower Upper

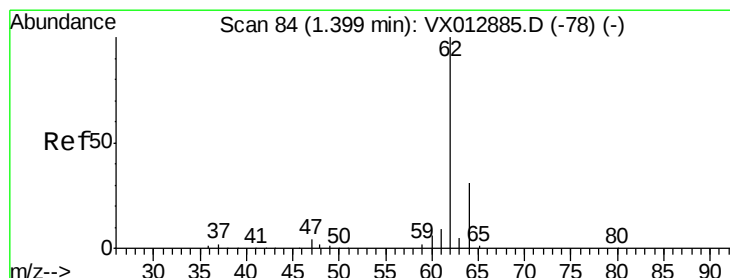
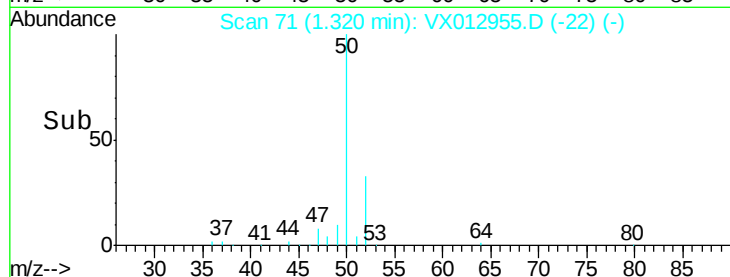
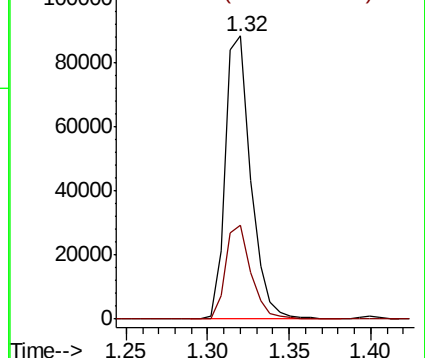
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.636 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012955.D

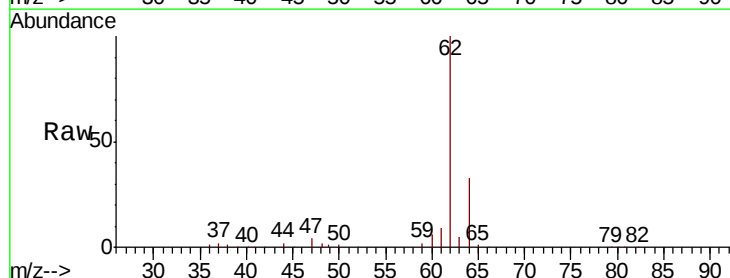
Acq: 09 Oct 2019 20:01

Tgt Ion: 62 Resp: 98814

Ion Ratio Lower Upper

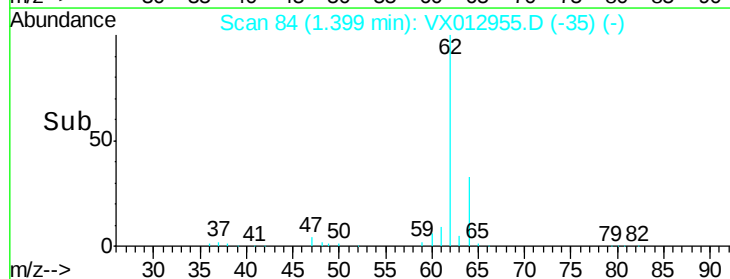
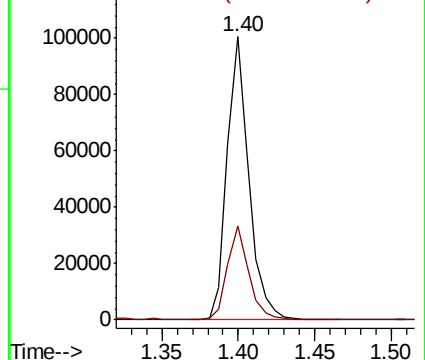
62 100

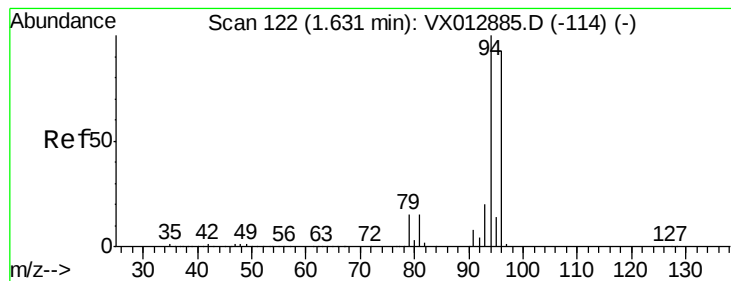
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.780 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

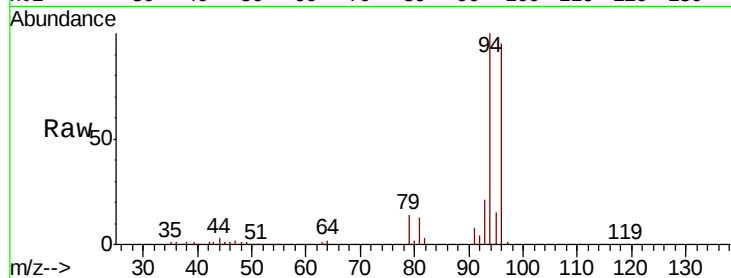
ClientSampleId :

Tot Ion: 94 Resp: 38759

Ion Ratio Lower Upper

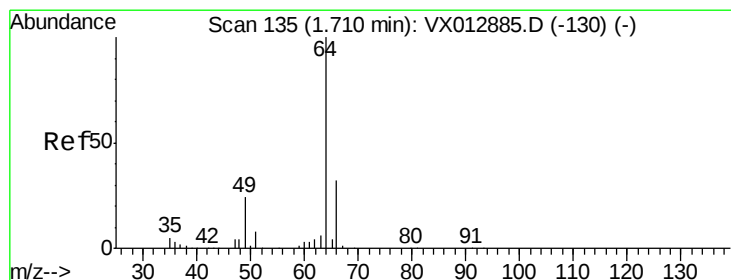
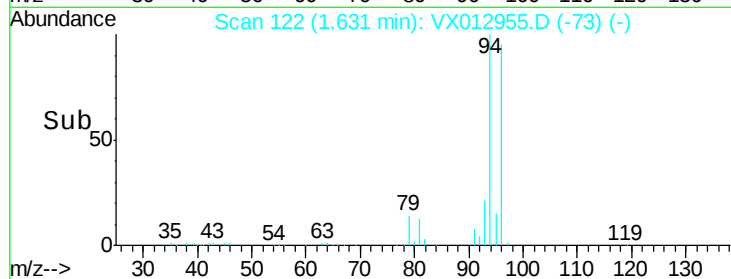
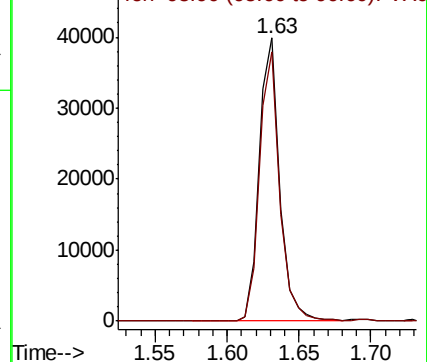
94 100

96 95.2 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.286 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012955.D

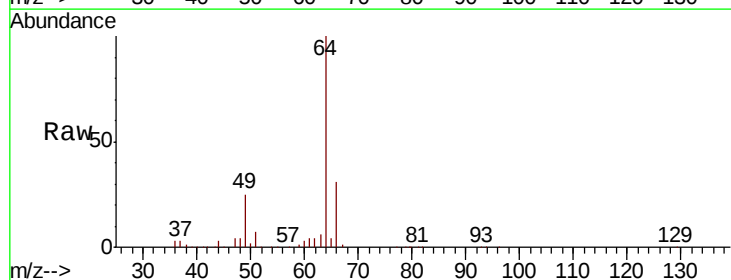
Acq: 09 Oct 2019 20:01

Tgt Ion: 64 Resp: 61145

Ion Ratio Lower Upper

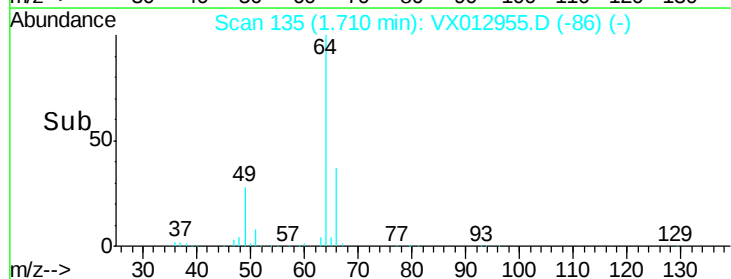
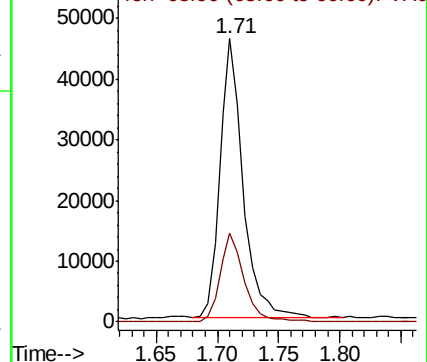
64 100

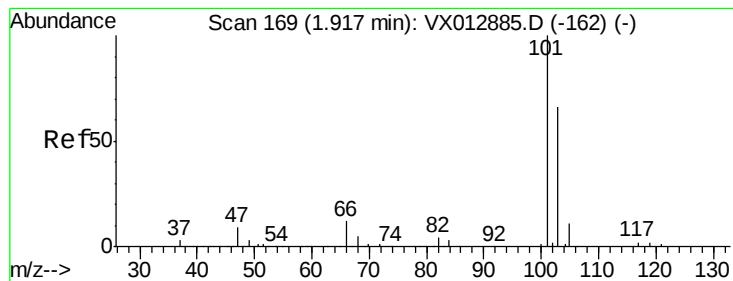
66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



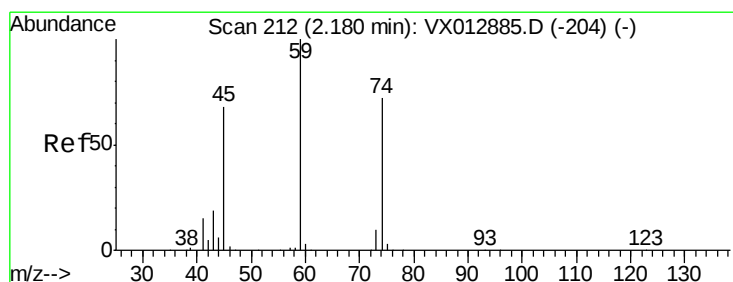
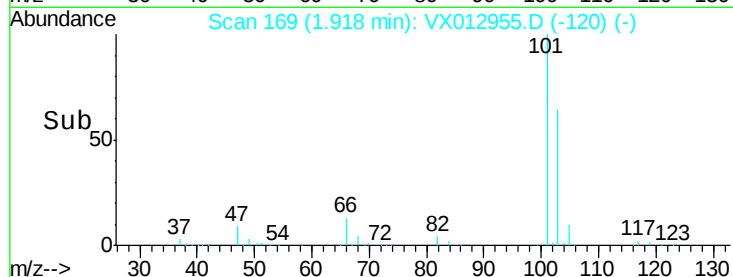
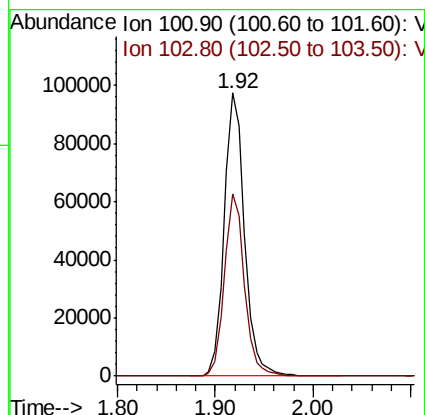
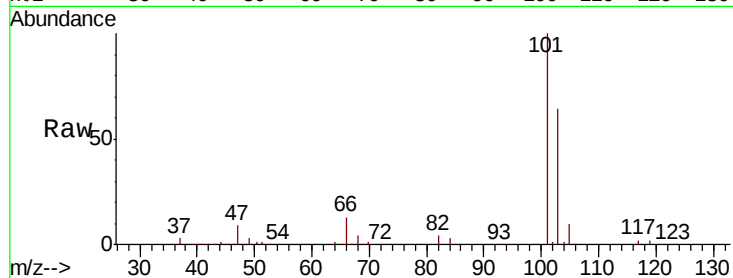


#7

Trichlorofluoromethane
Concen: 53.224 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

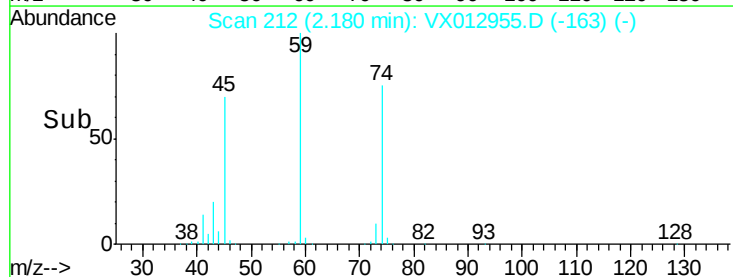
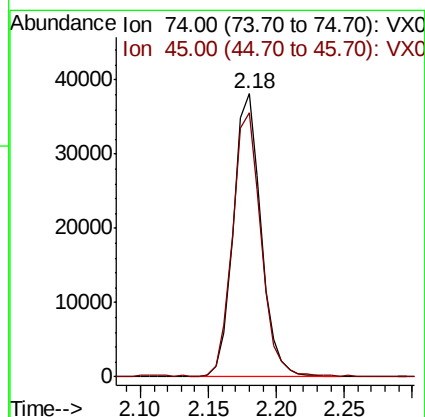
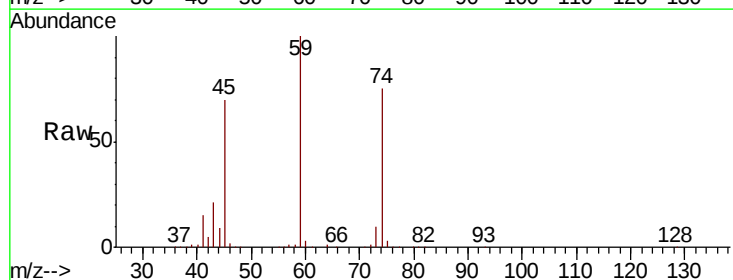
Tot Ion:101 Resp: 140188
Ion Ratio Lower Upper
101 100
103 64.3 52.5 78.7

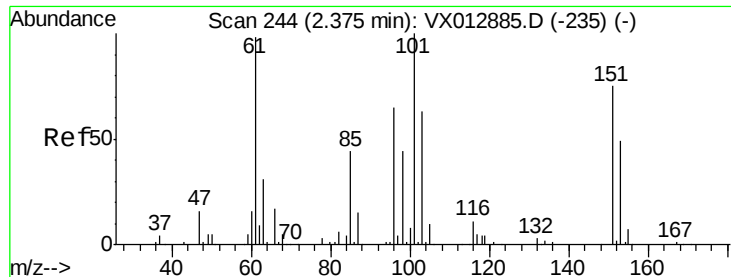


#8

Diethyl Ether
Concen: 50.617 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 74 Resp: 53813
Ion Ratio Lower Upper
74 100
45 97.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

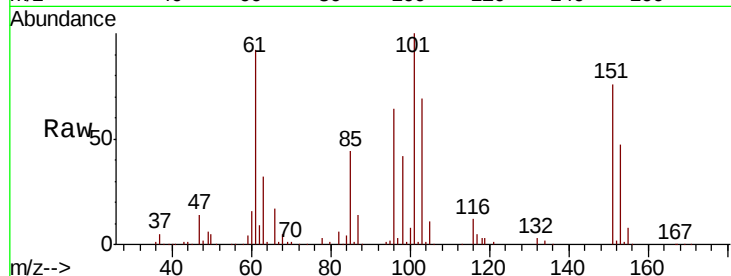
Tot Ion:101 Resp: 89055

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

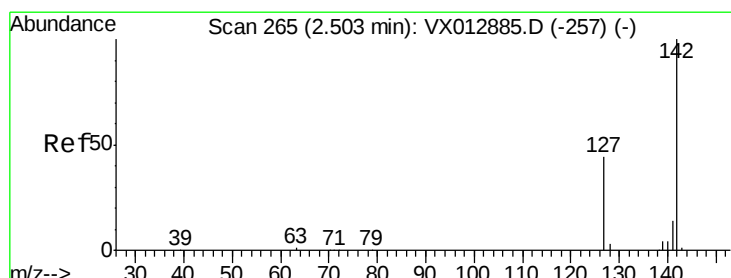
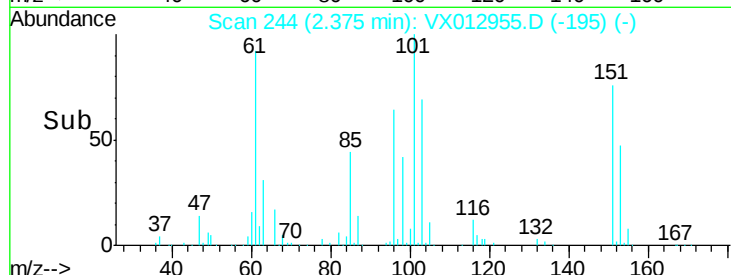
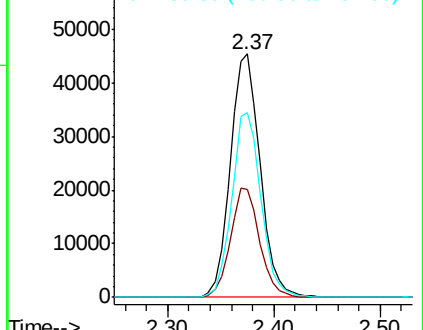
151 74.6 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.035 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

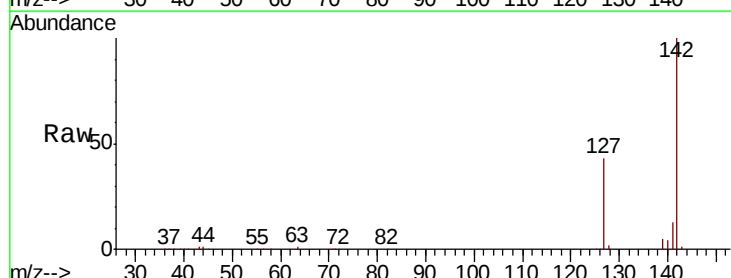
Tgt Ion:142 Resp: 96635

Ion Ratio Lower Upper

142 100

127 43.2 34.9 52.3

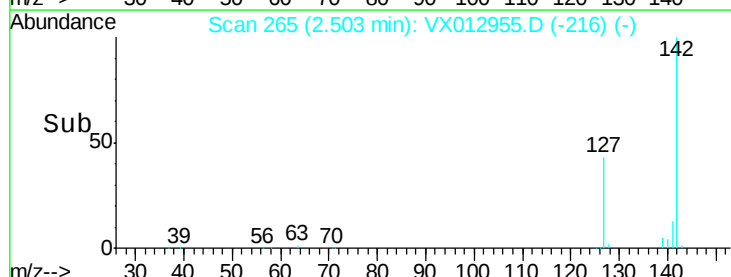
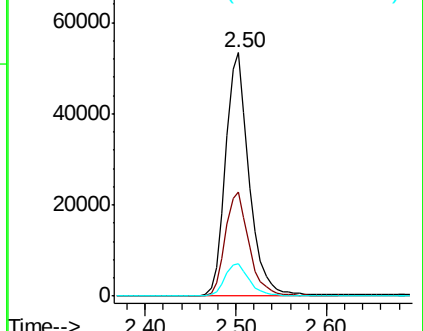
141 13.8 11.6 17.4

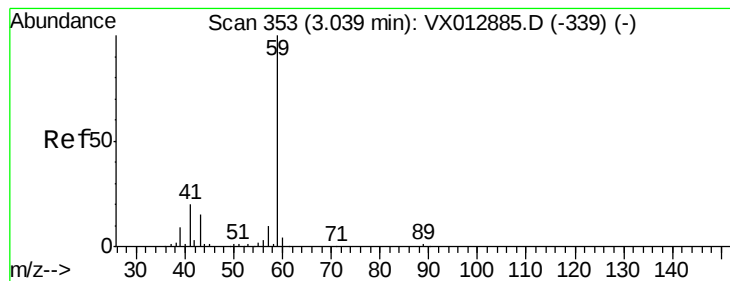


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



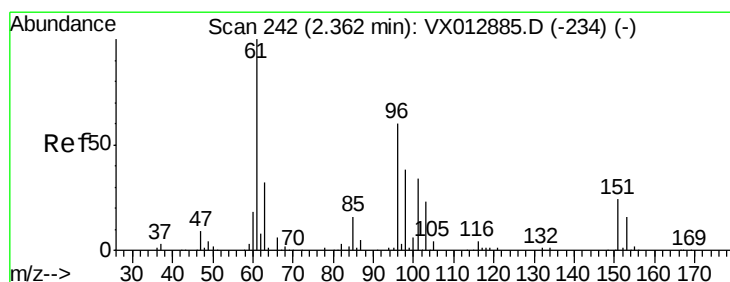
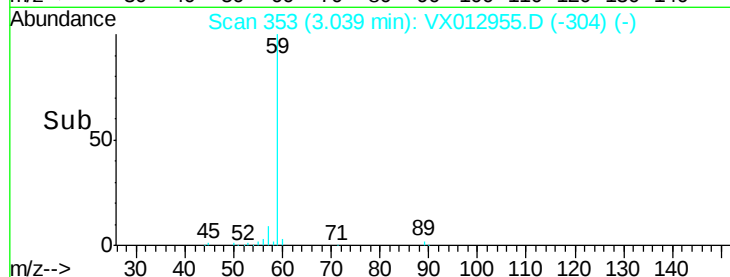
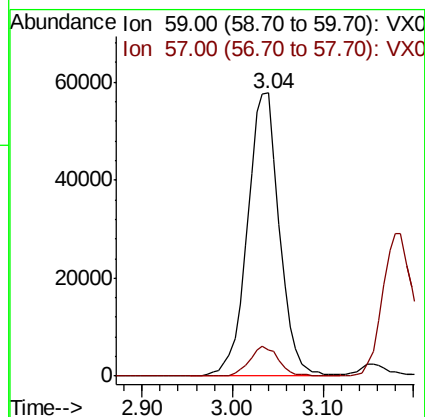
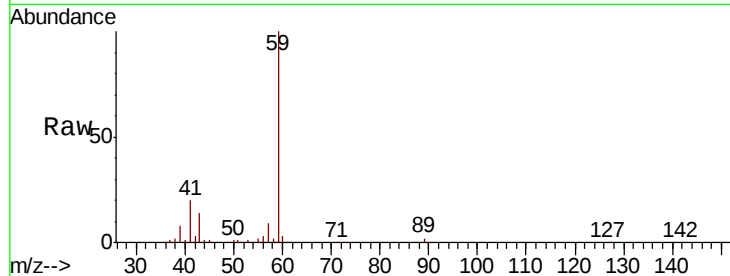


#11

Tert butyl alcohol
Concen: 249.897 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

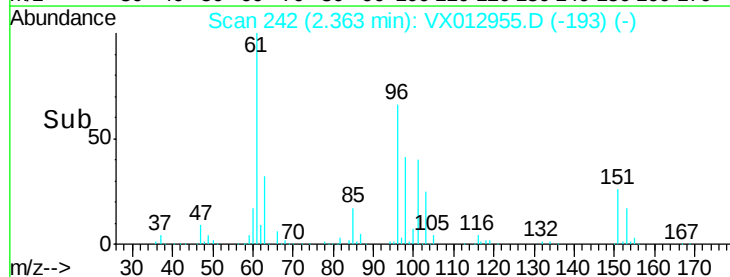
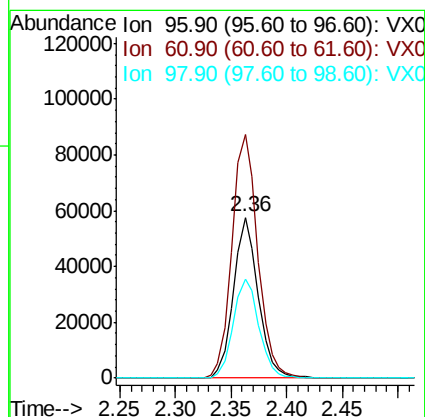
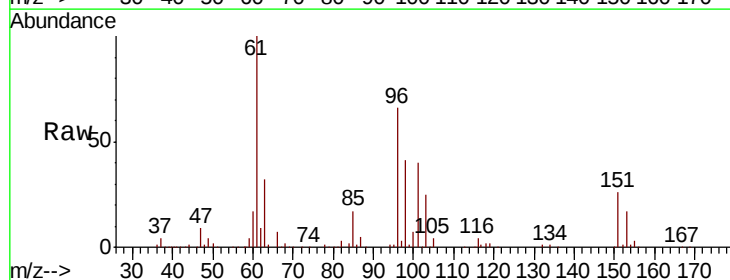
Tot Ion: 59 Resp: 141115
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

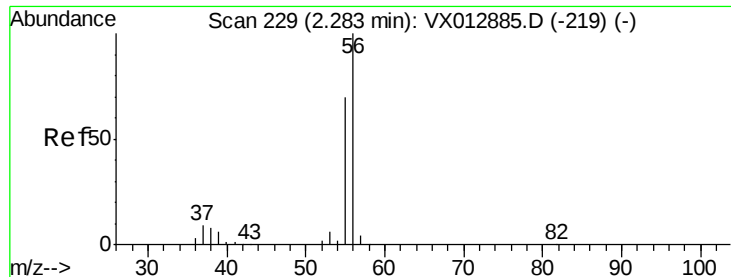


#12

1,1-Dichloroethene
Concen: 51.359 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 96 Resp: 88455
Ion Ratio Lower Upper
96 100
61 151.7 132.2 198.4
98 61.9 50.5 75.7





#13

Acrolein

Concen: 211.599 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

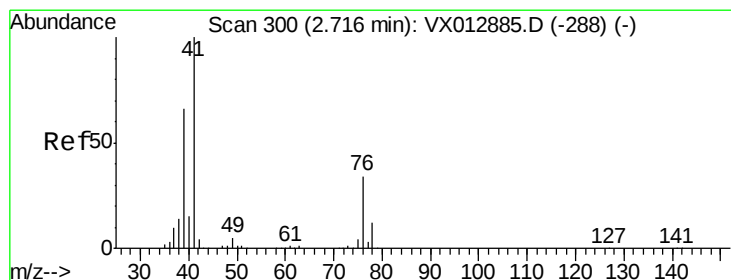
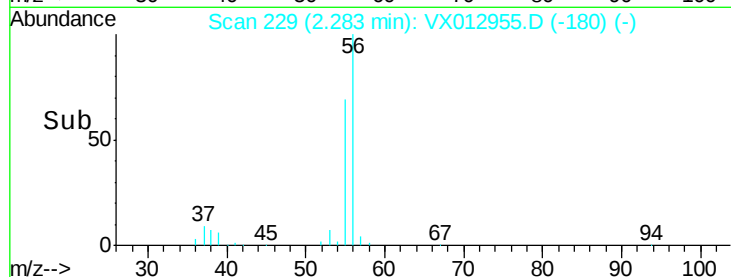
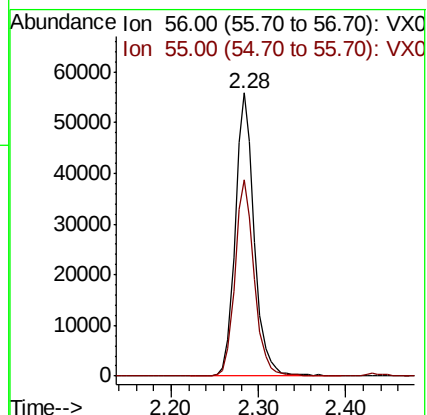
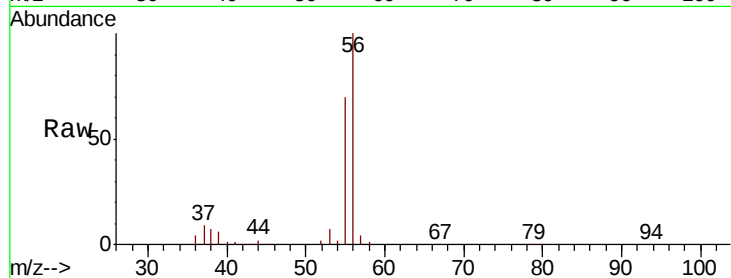
ClientSampleId :

Tot Ion: 56 Resp: 84915

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 51.658 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

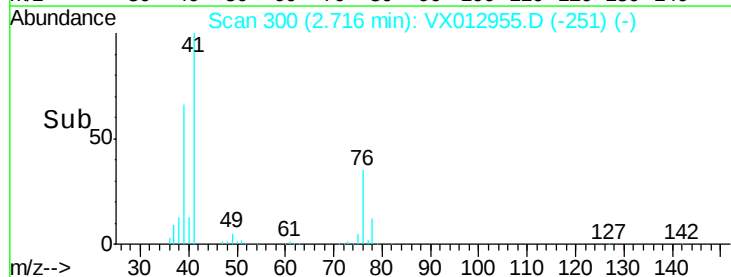
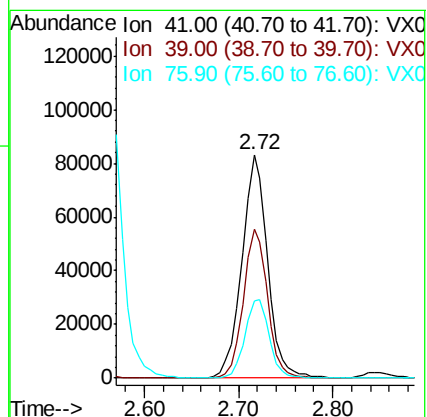
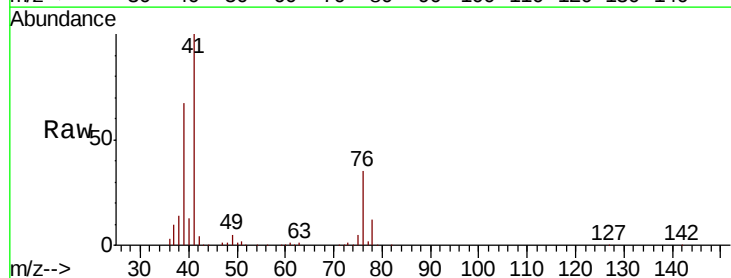
Tgt Ion: 41 Resp: 158445

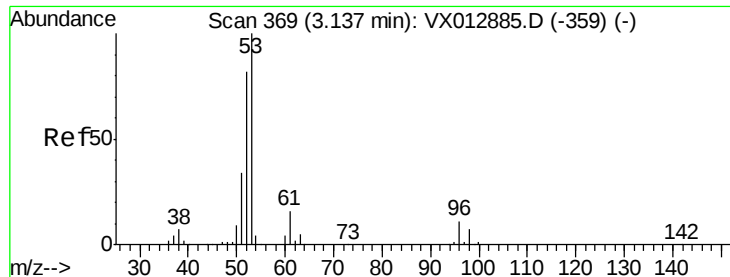
Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.6

76 33.3 26.2 39.4





#15

Acrylonitrile

Concen: 261.725 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

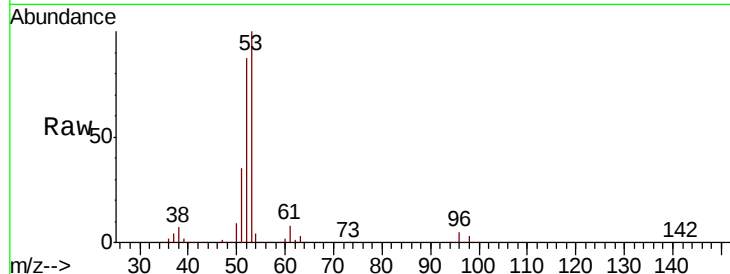
Tot Ion: 53 Resp: 280081

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

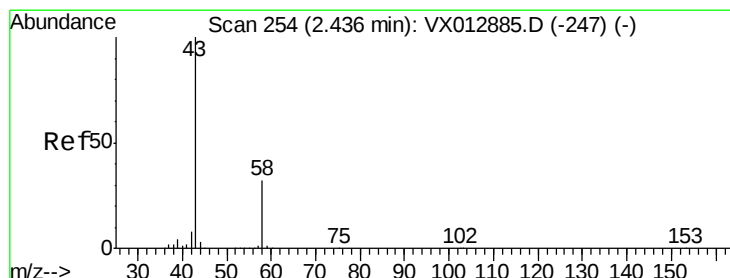
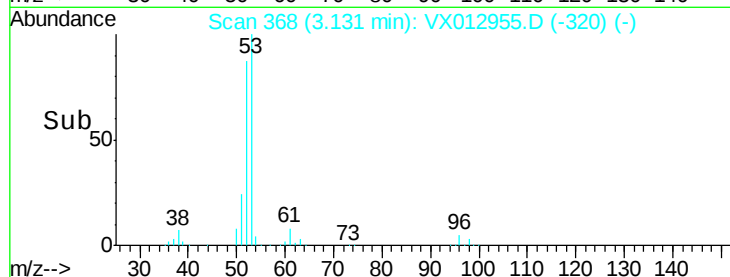
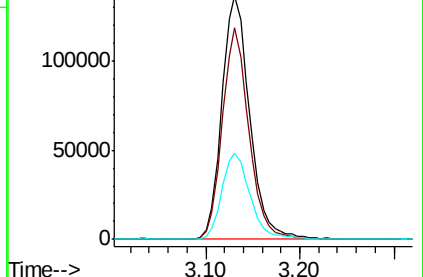
51 36.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX012885.D (-359) (-)

Ion 52.00 (51.70 to 52.70): VX012885.D (-359) (-)

Ion 51.00 (50.70 to 51.70): VX012885.D (-359) (-)



#16

Acetone

Concen: 214.437 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012955.D

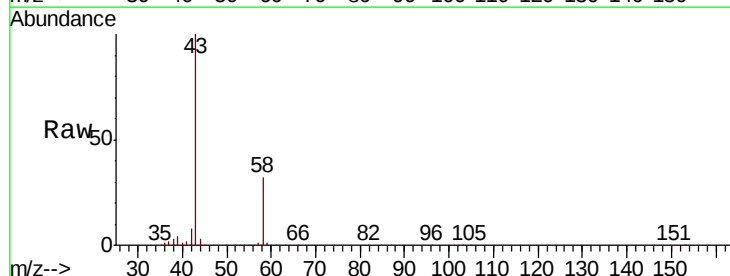
Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 240774

Ion Ratio Lower Upper

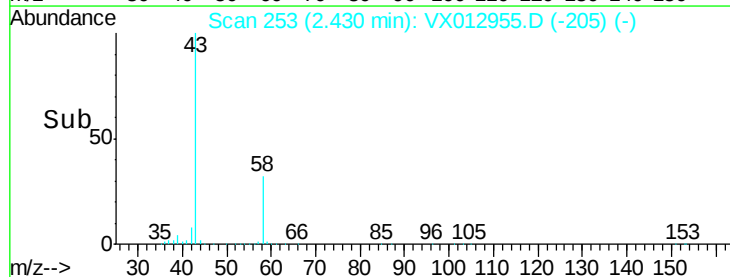
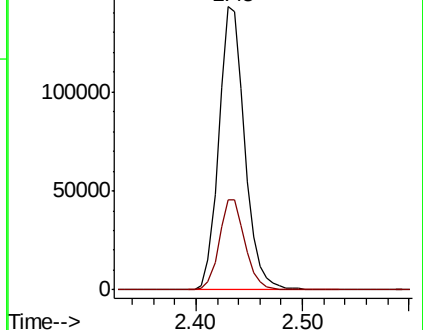
43 100

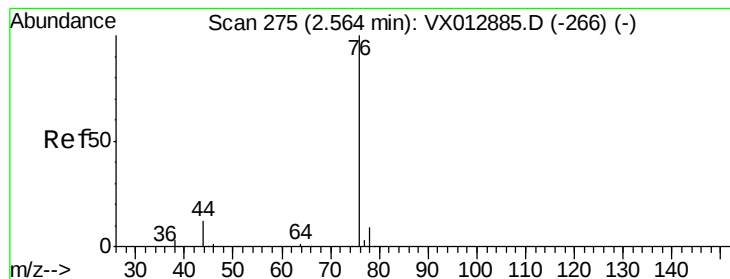
58 31.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX012885.D (-247) (-)





#17

Carbon Disulfide

Concen: 48.667 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

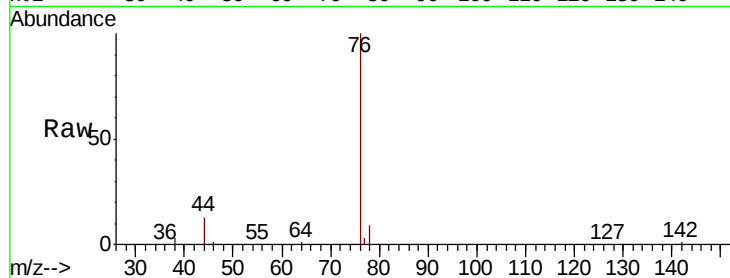
ClientSampled :

Tot Ion: 76 Resp: 239000

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

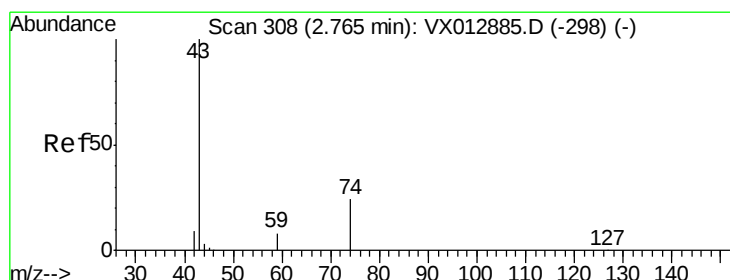
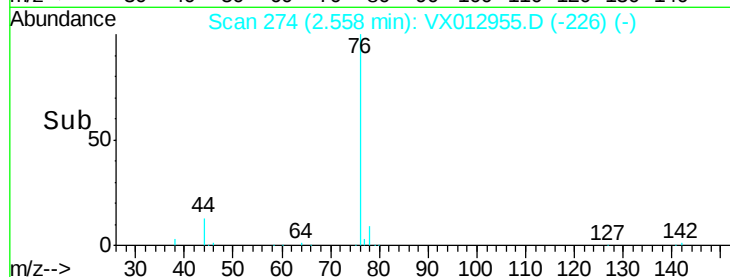
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.282 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012955.D

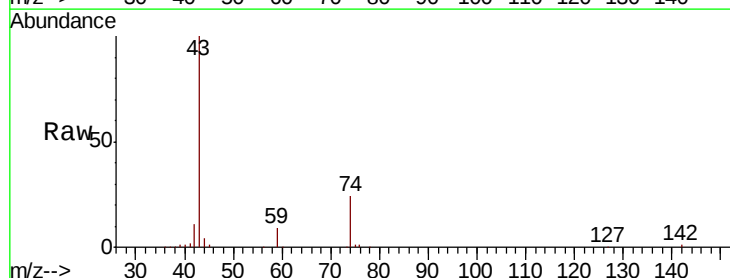
Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 136480

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

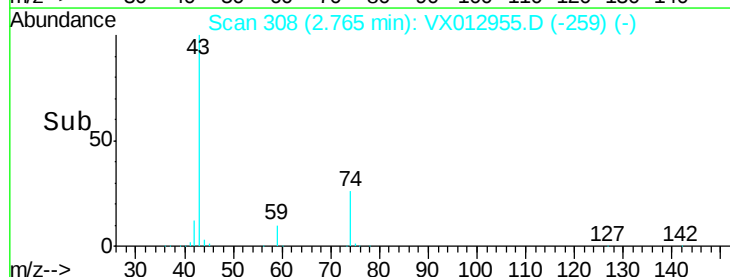
60000

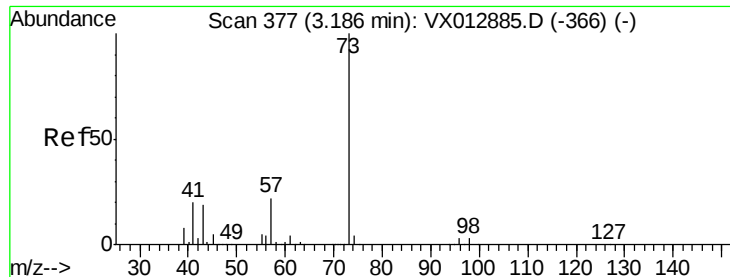
40000

20000

0

Time-->



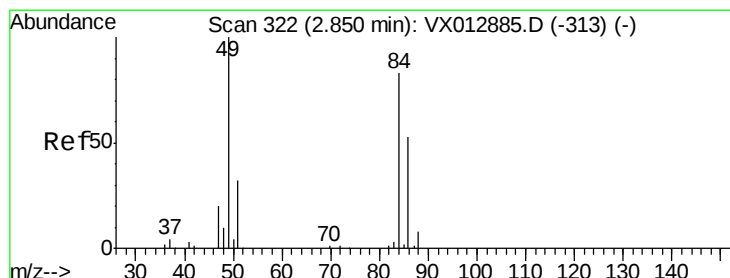
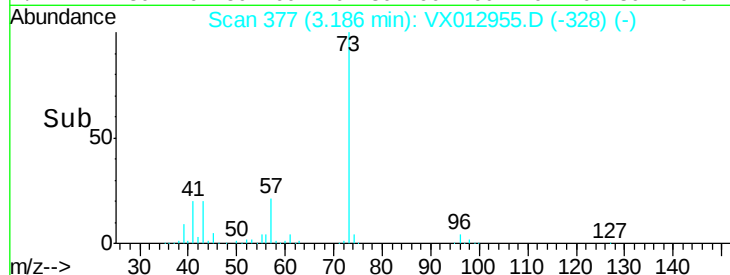
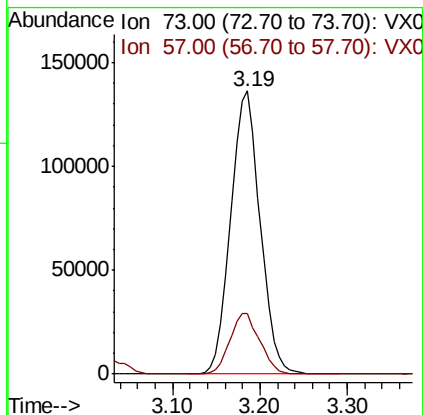
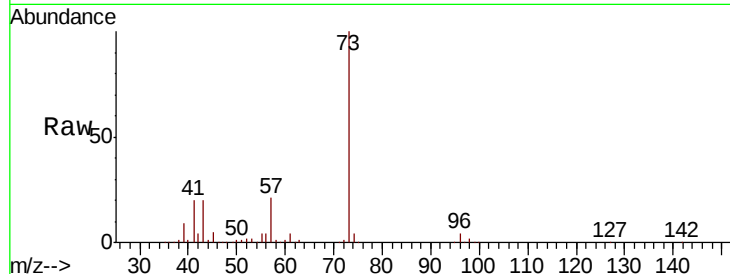


#19

Methyl tert-butyl Ether
 Concen: 53.611 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :

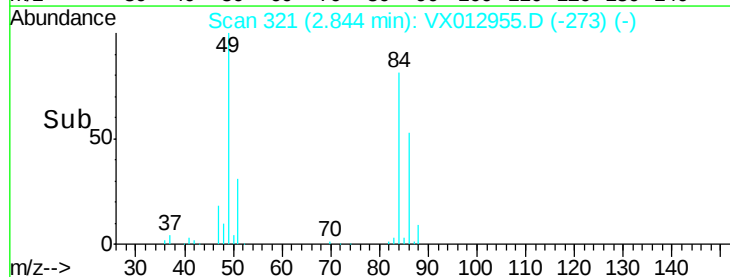
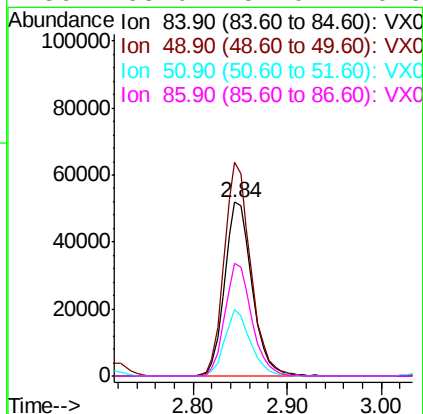
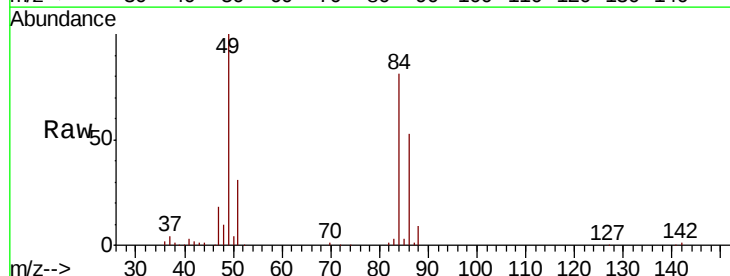
Tot Ion: 73 Resp: 318865
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.6

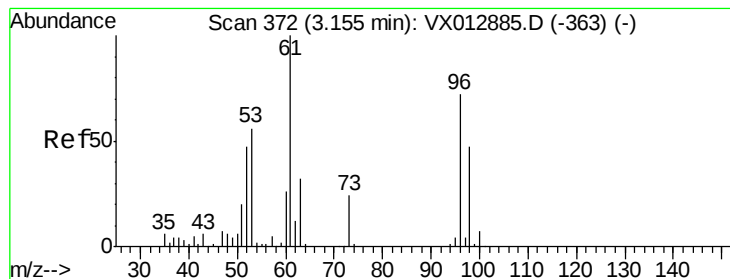


#20

Methylene Chloride
 Concen: 50.434 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion: 84 Resp: 104071
 Ion Ratio Lower Upper
 84 100
 49 123.0 96.6 144.8
 51 38.4 30.7 46.1
 86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.204 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

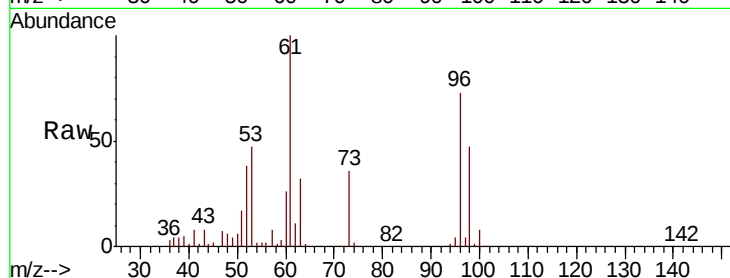
Tot Ion: 96 Resp: 96368

Ion Ratio Lower Upper

96 100

61 136.7 110.4 165.6

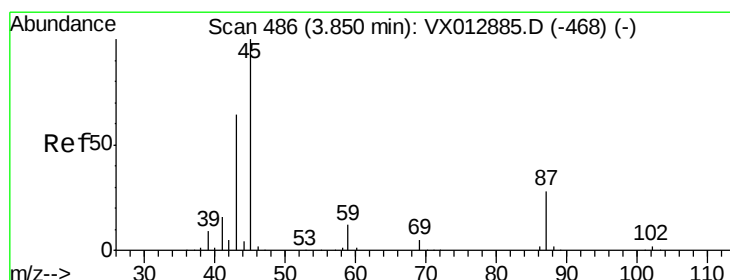
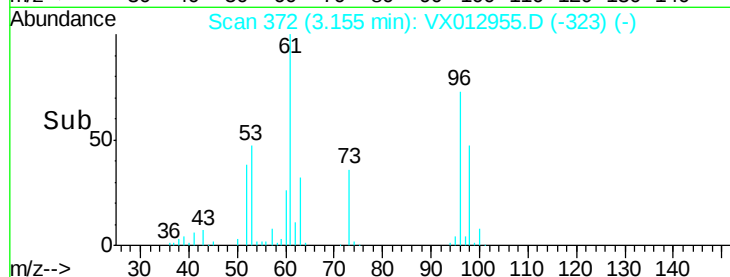
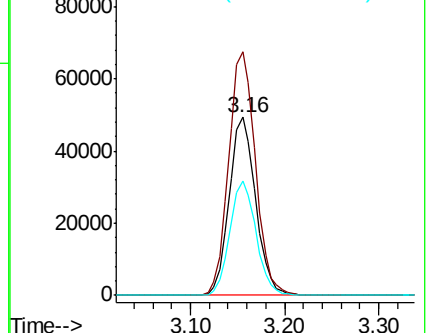
98 64.3 51.5 77.3



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: 53.598 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion: 45 Resp: 315011

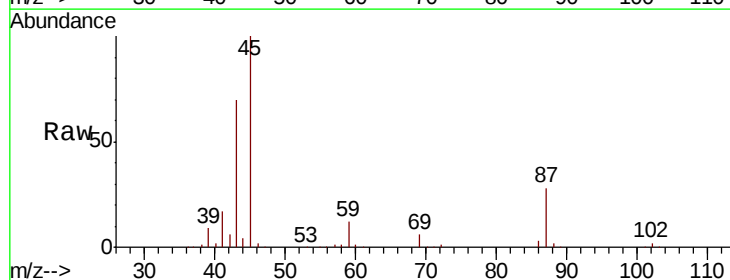
Ion Ratio Lower Upper

45 100

43 69.7 51.4 77.0

87 27.7 22.5 33.7

59 11.9 9.7 14.5

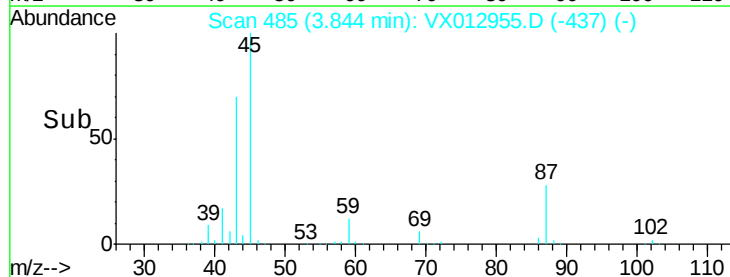
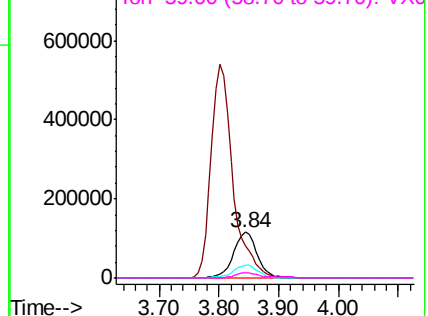


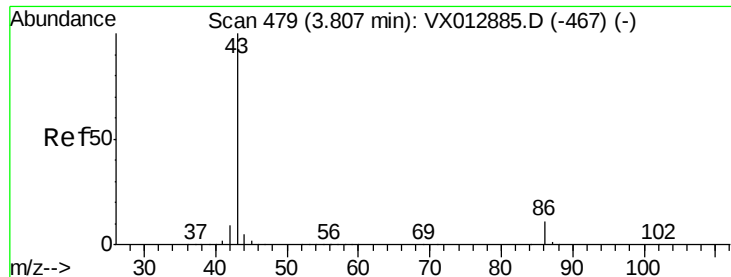
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 270.056 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

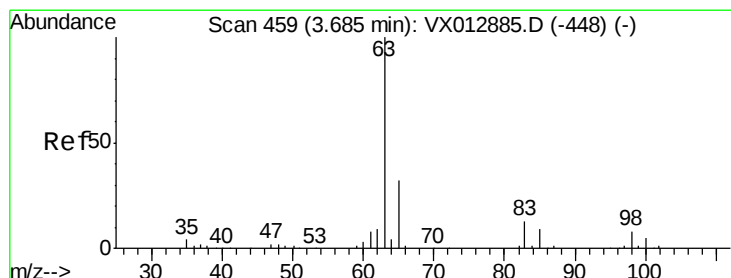
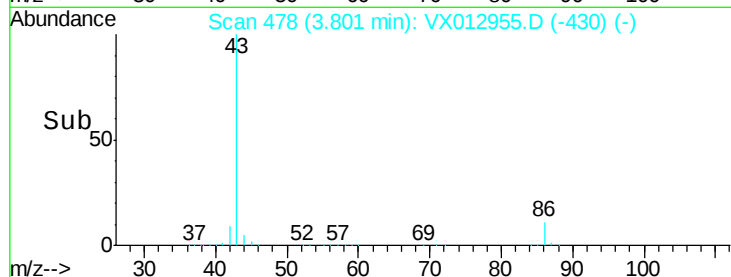
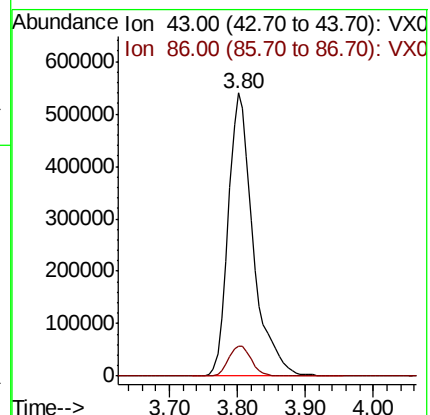
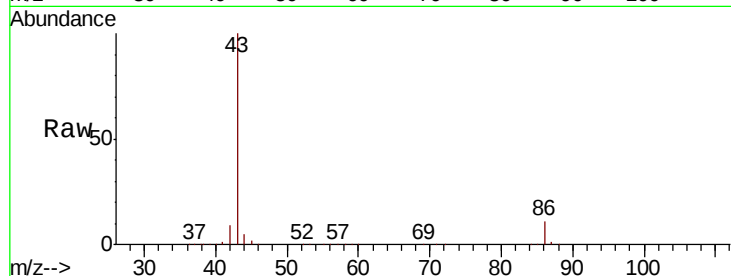
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1370181

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.6



#24

1,1-Dichloroethane

Concen: 52.580 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

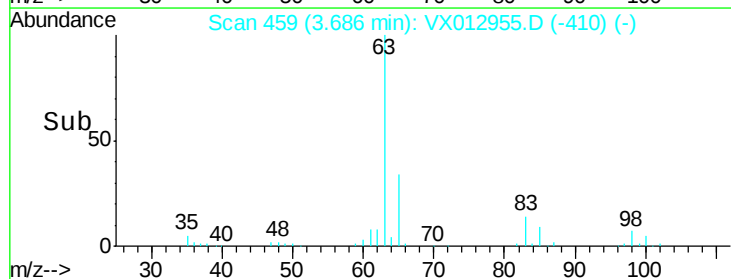
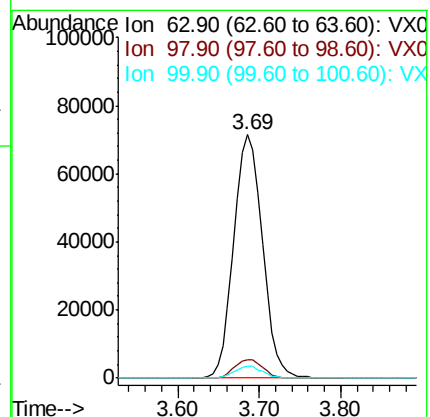
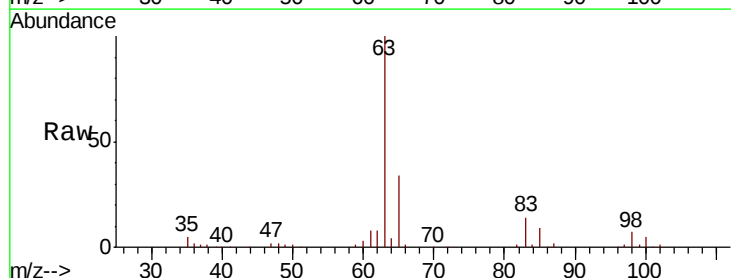
Tgt Ion: 63 Resp: 173852

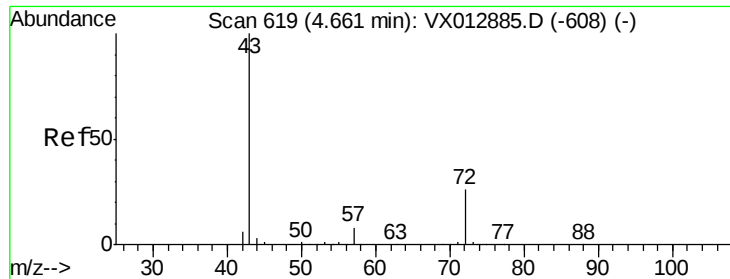
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 250.454 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

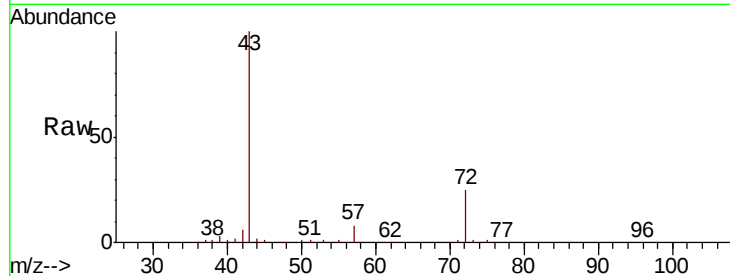
ClientSampled :

Tot Ion: 43 Resp: 390146

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

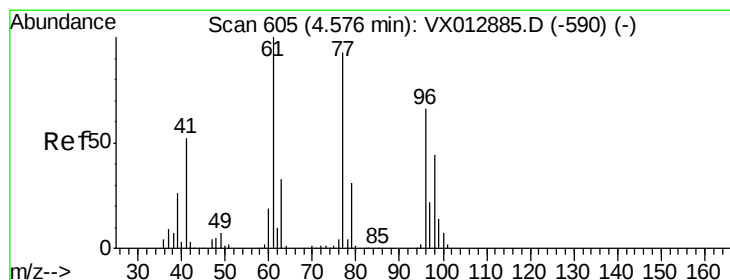
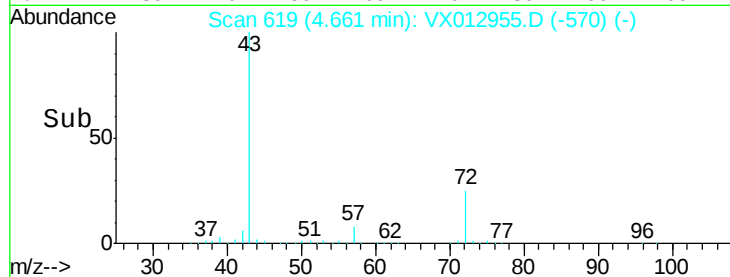
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.969 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012955.D

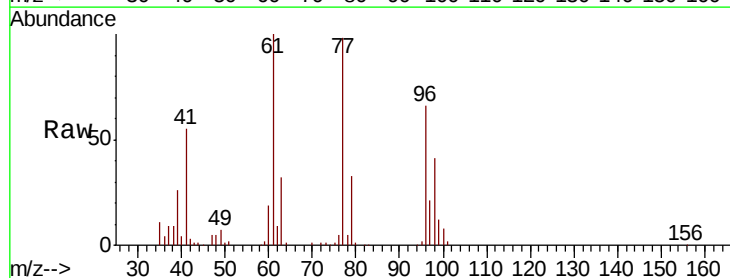
Acq: 09 Oct 2019 20:01

Tgt Ion: 77 Resp: 133374

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

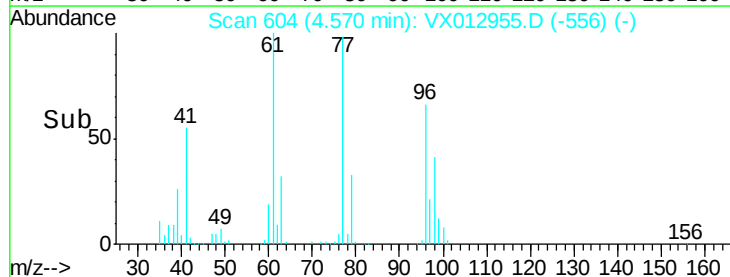
20000

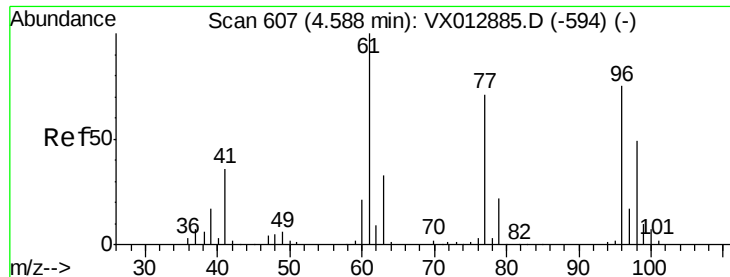
10000

0

4.50 4.60 4.70

Time-->



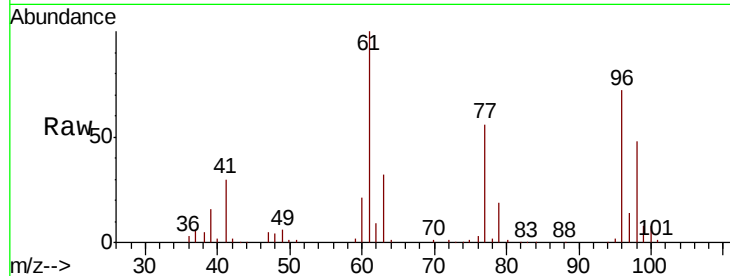


#27

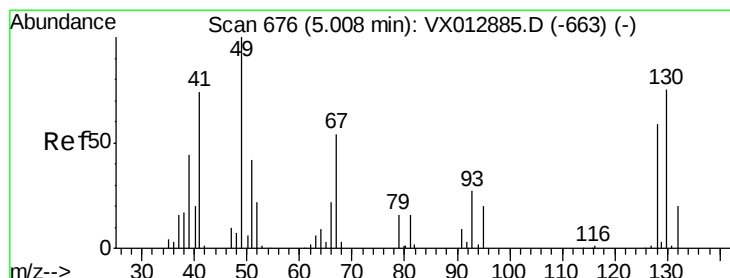
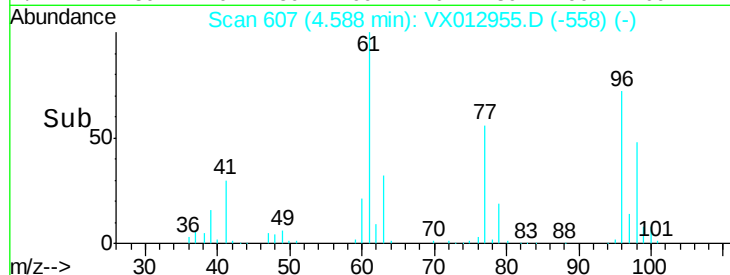
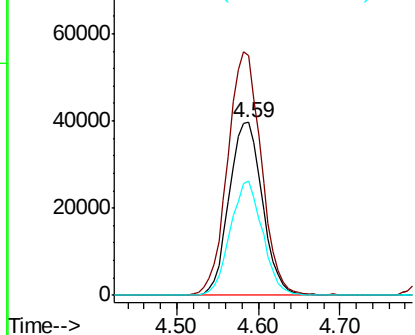
cis-1,2-Dichloroethene
Concen: 52.608 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	290.6
98	64.0	0.0	128.8



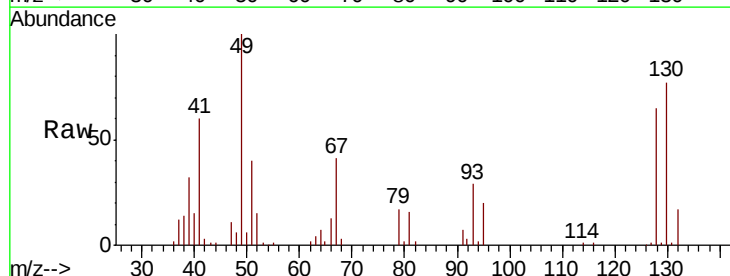
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



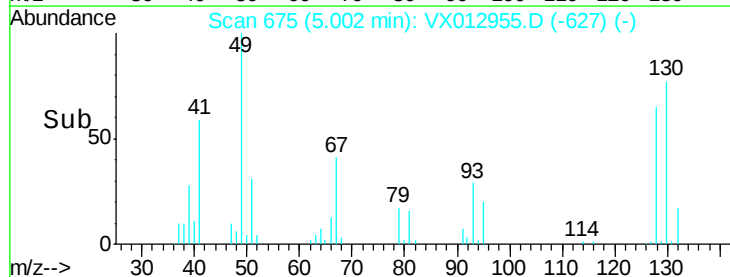
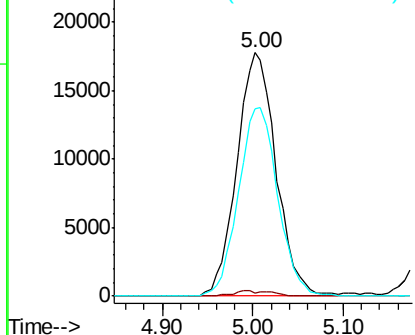
#28

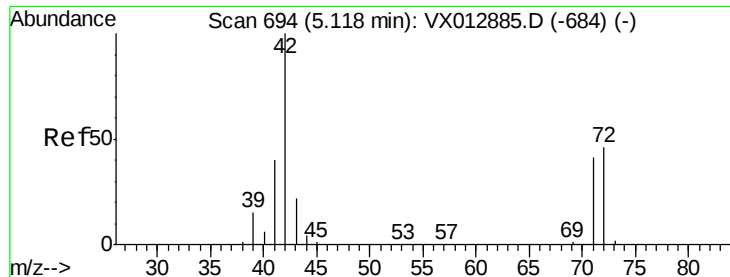
Bromochloromethane
Concen: 53.824 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.8	62.1	93.1



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





#29

Tetrahydrofuran

Concen: 261.680 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampled :

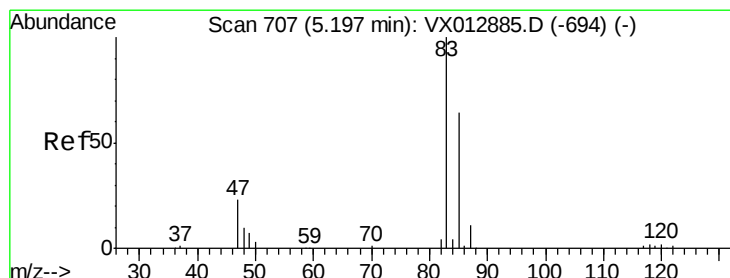
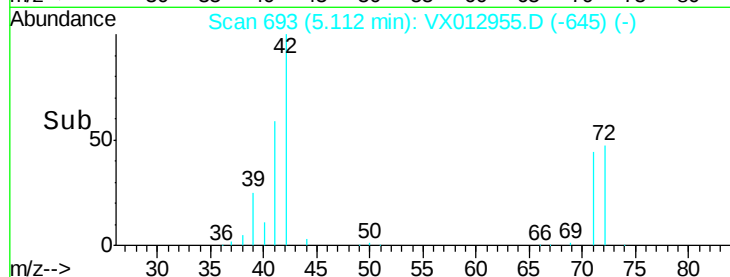
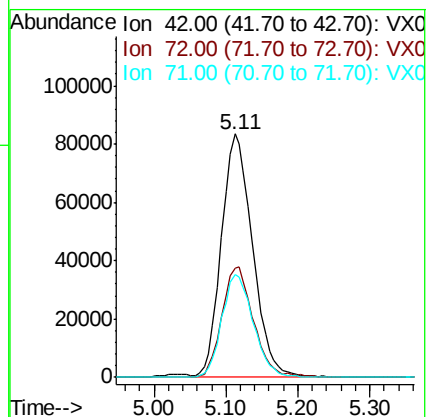
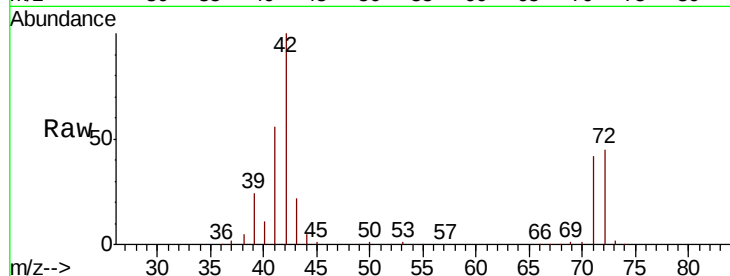
Tot Ion: 42 Resp: 250844

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

71 42.8 33.5 50.3



#30

Chloroform

Concen: 52.314 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012955.D

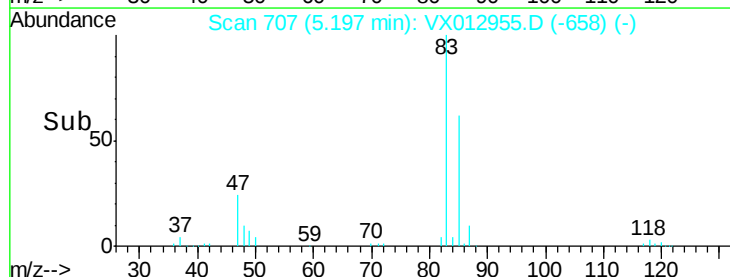
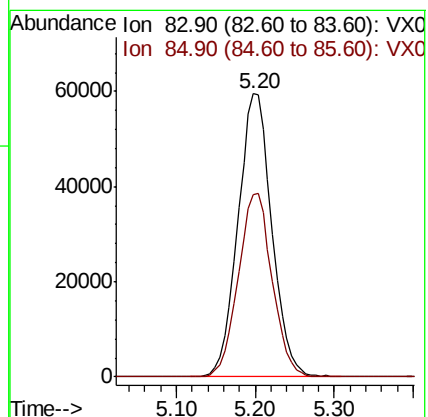
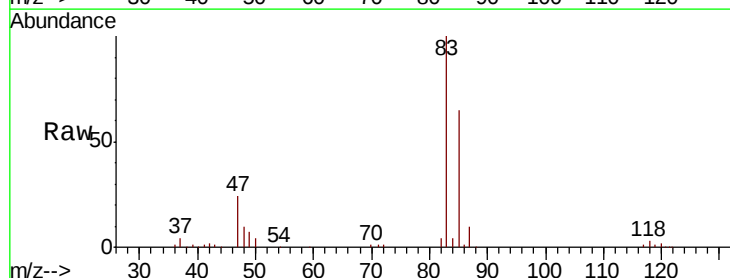
Acq: 09 Oct 2019 20:01

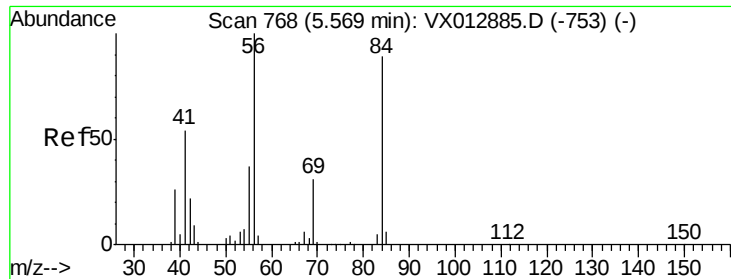
Tgt Ion: 83 Resp: 177483

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

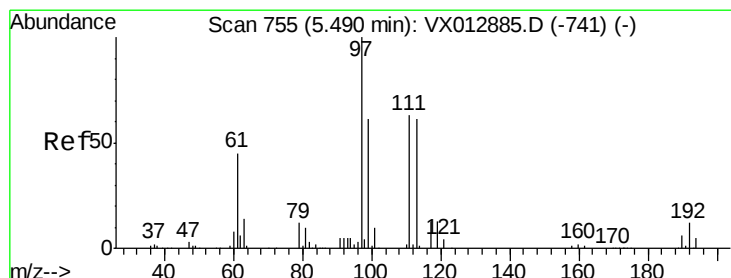
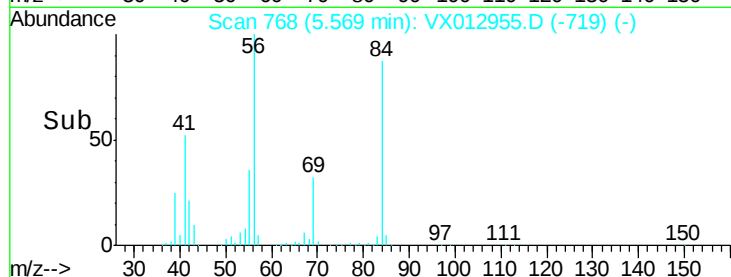
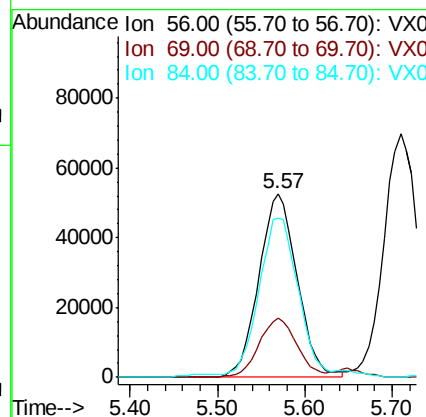
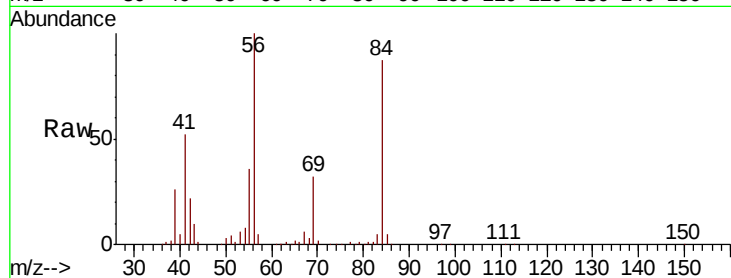




#31
Cyclohexane
Concen: 51.589 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

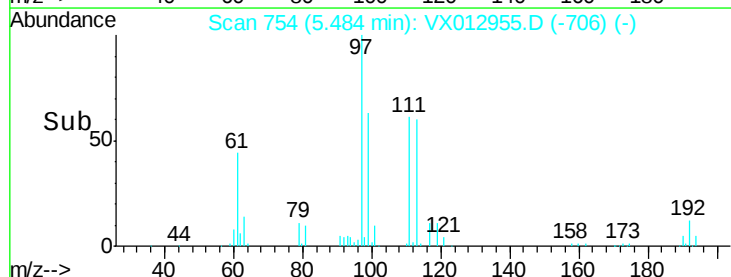
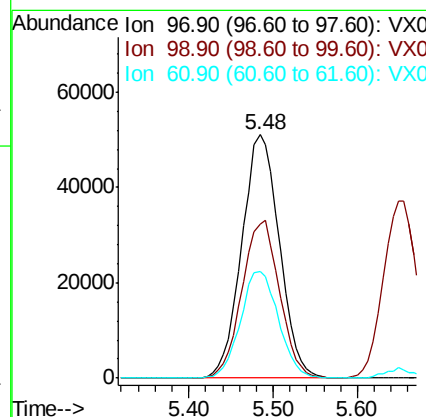
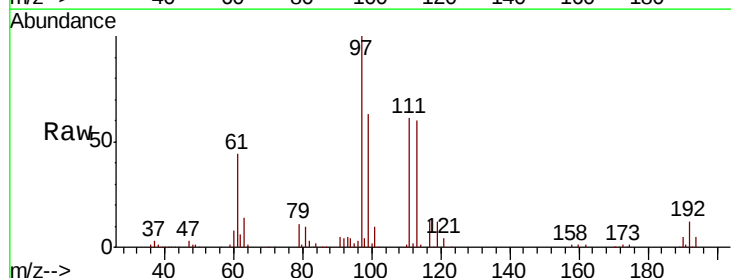
Instrument :
MSVOA_X
ClientSampled :

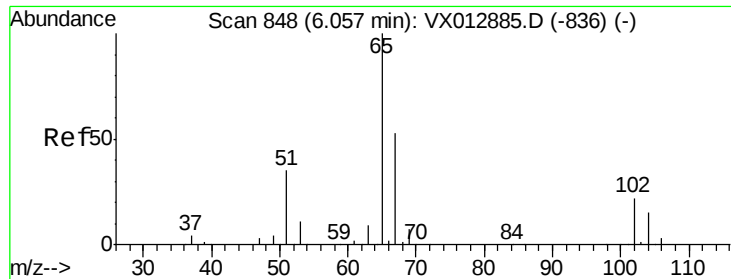
Tot Ion: 56 Resp: 159500
Ion Ratio Lower Upper
56 100
69 32.5 25.2 37.8
84 85.1 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 53.798 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 97 Resp: 154650
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 44.5 35.0 52.4

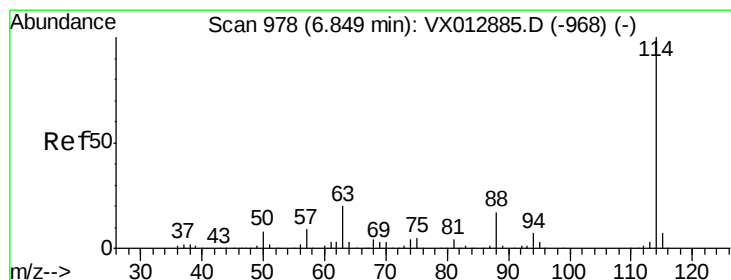
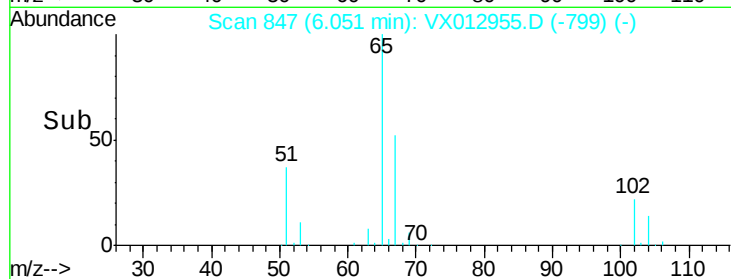
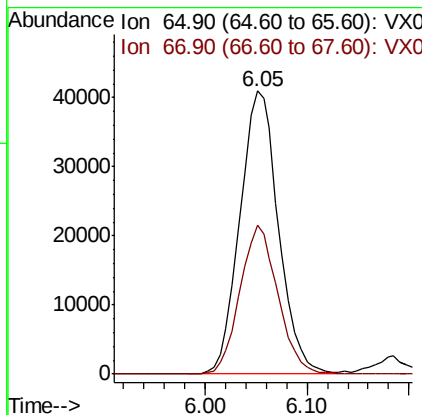
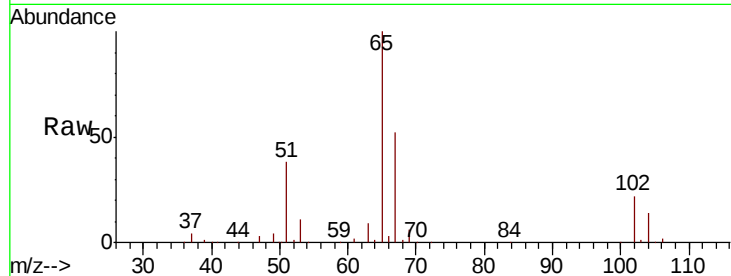




#33
 1,2-Dichloroethane-d4
 Concen: 50.488 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

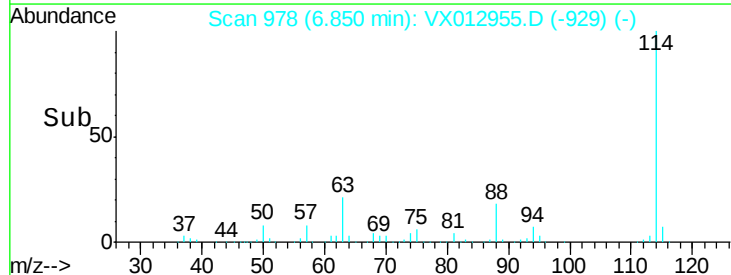
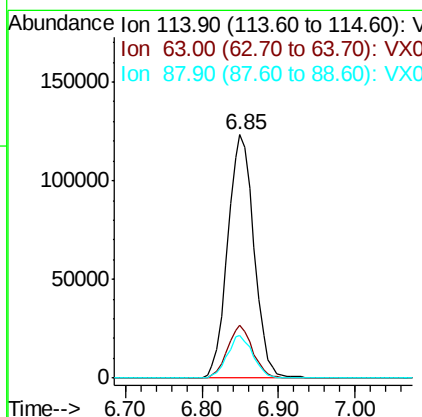
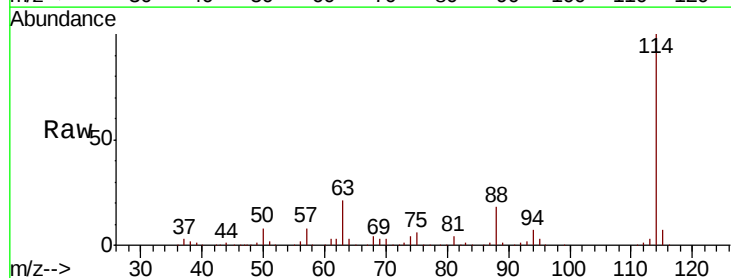
Instrument :
 MSVOA_X
 ClientSampleId :

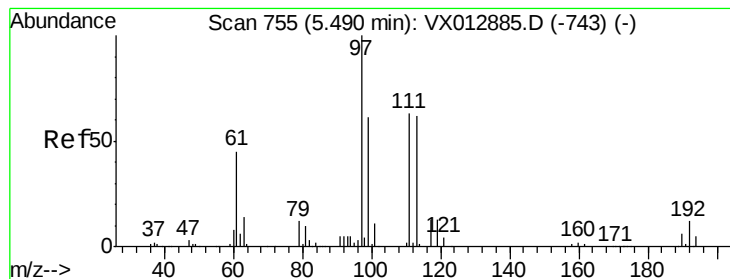
Tot Ion: 65 Resp: 107548
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion: 114 Resp: 293103
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

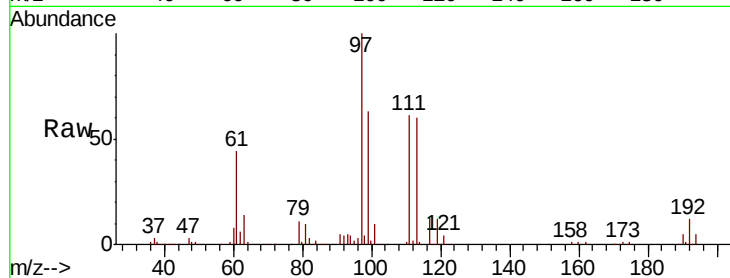
Tot Ion:113 Resp: 86078

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

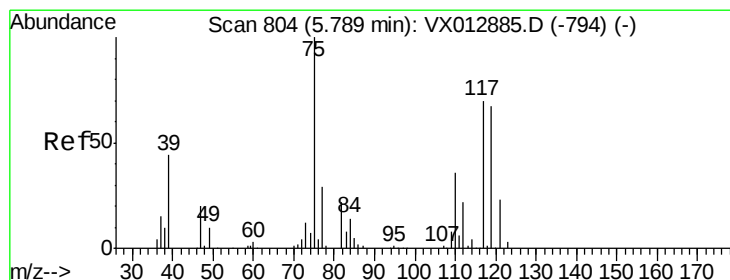
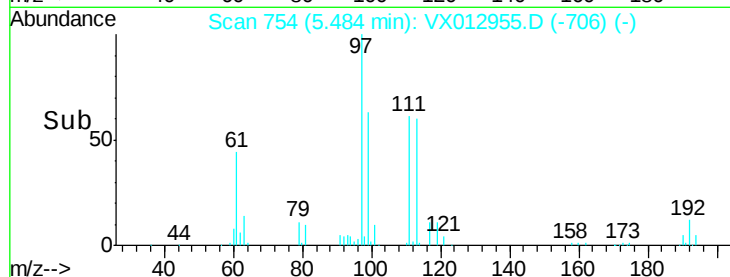
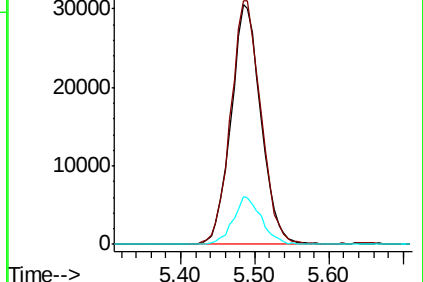
192 18.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.111 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

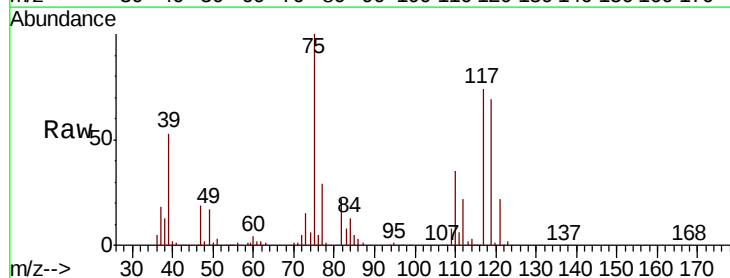
Tgt Ion: 75 Resp: 134288

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

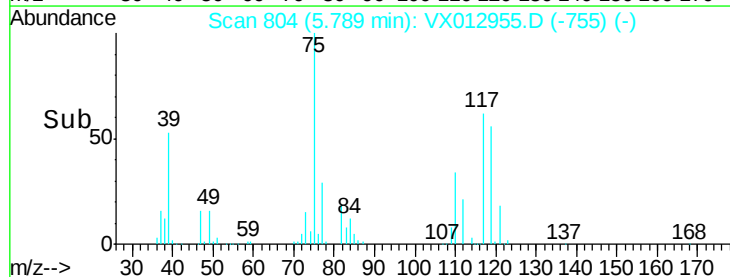
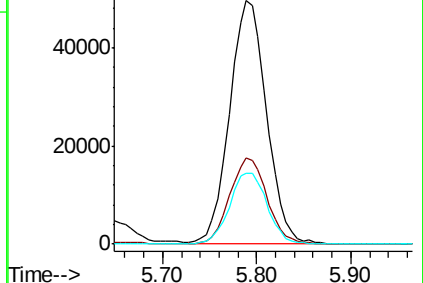
77 30.1 24.4 36.6

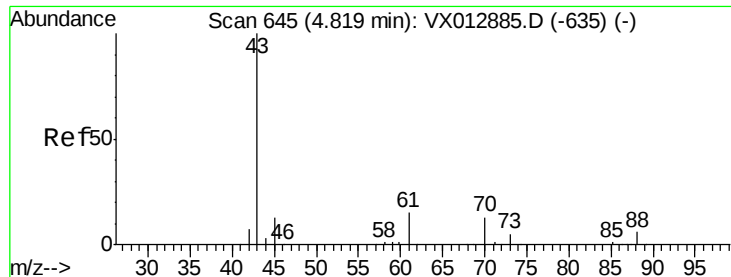


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

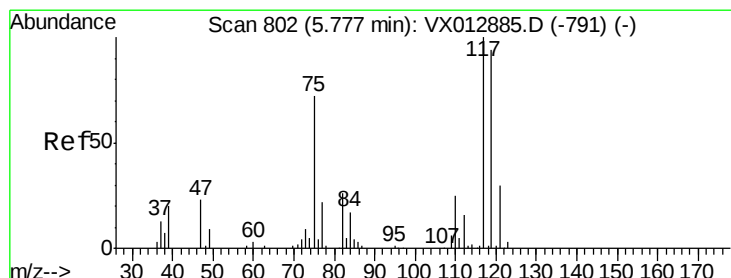
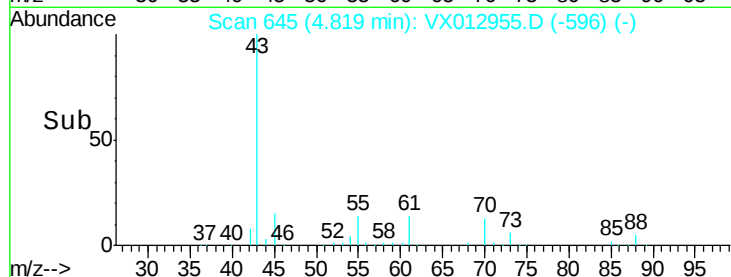
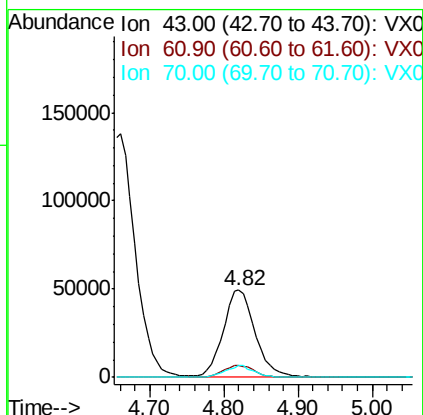
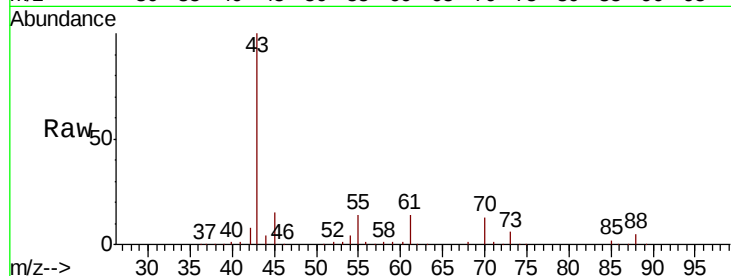




#37
Ethyl Acetate
Concen: 51.071 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

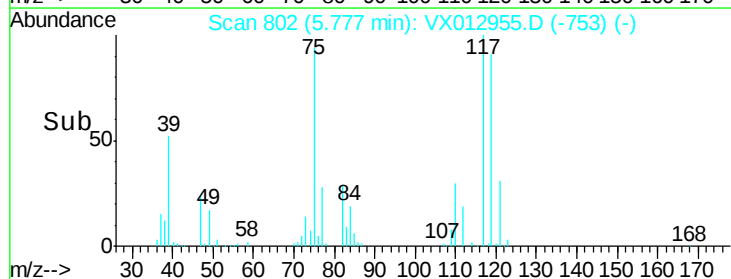
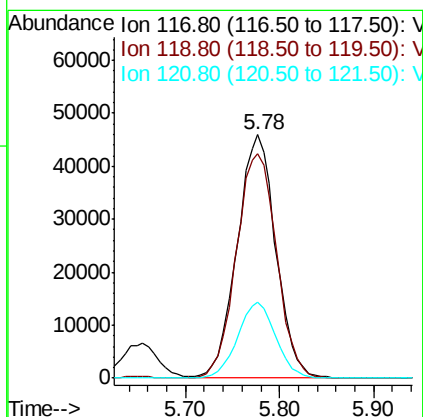
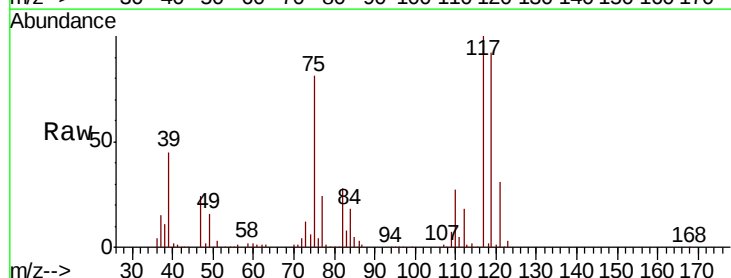
Instrument :
MSVOA_X
ClientSampleId :

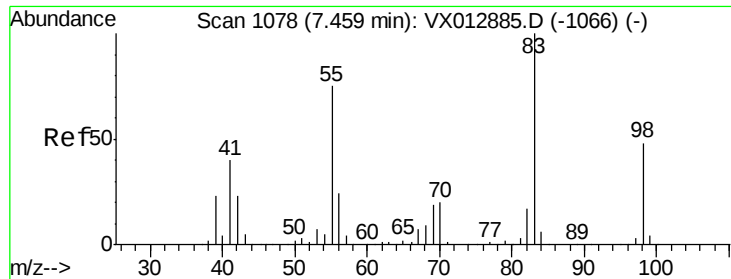
Tot Ion: 43 Resp: 147165
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.0
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.334 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 117 Resp: 131268
Ion Ratio Lower Upper
117 100
119 92.7 74.5 111.7
121 31.0 24.2 36.4

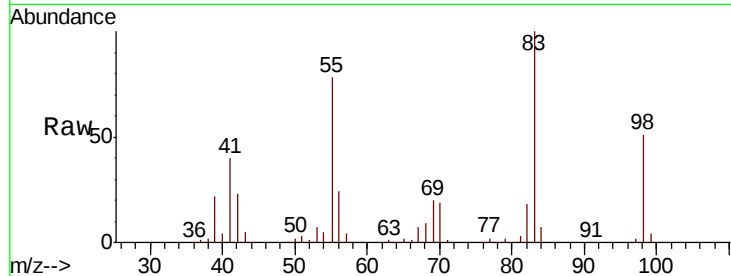




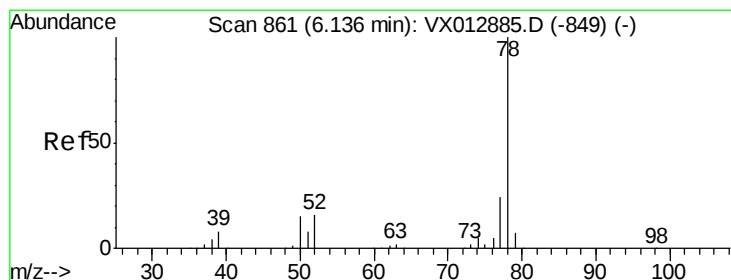
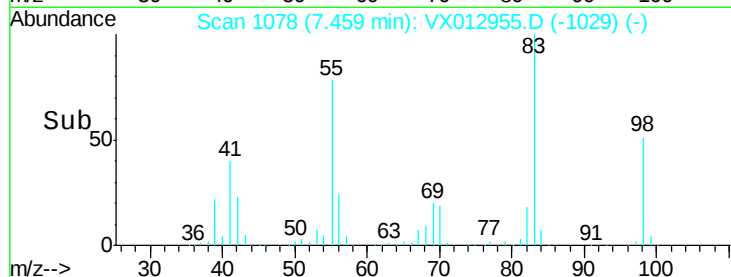
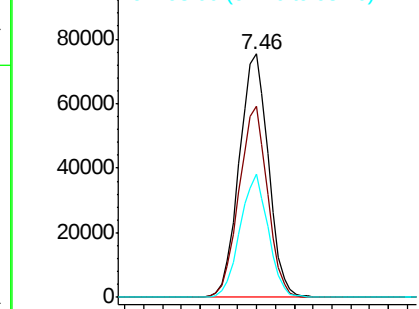
#39
Methvlcvclohexane
Concen: 52.020 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 162572
Ion Ratio Lower Upper
83 100
55 78.3 60.2 90.4
98 50.7 38.5 57.7

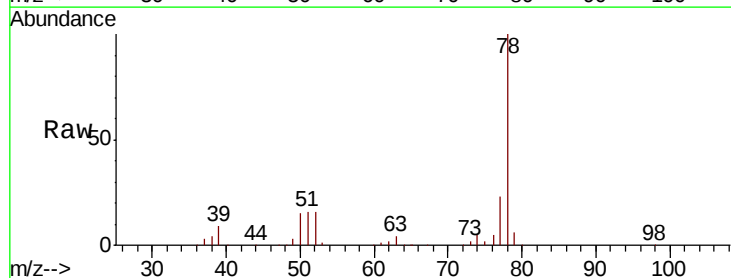


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

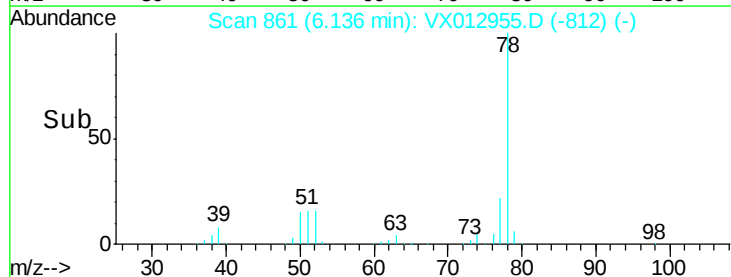
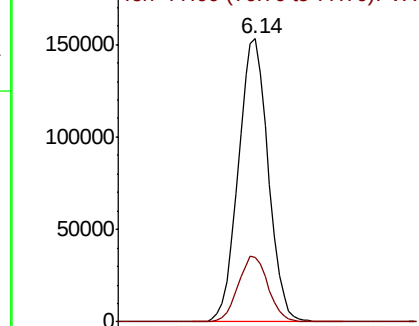


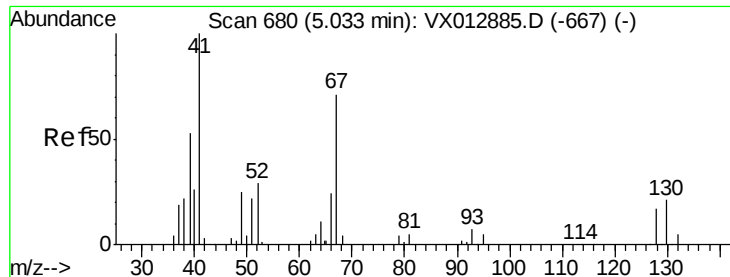
#40
Benzene
Concen: 52.989 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 78 Resp: 403307
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4



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

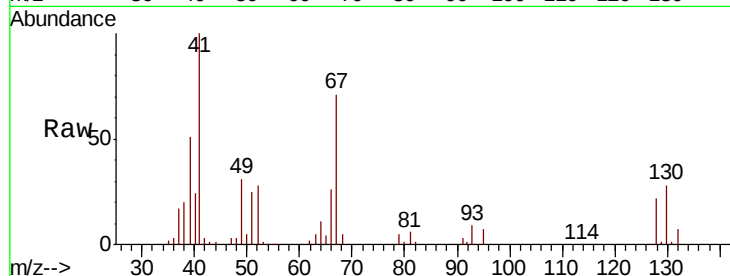




#41
Methacrylonitrile
Concen: 51.407 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	81397
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.0	66.0
67	73.9	58.5	87.7
52	30.1	23.8	35.8



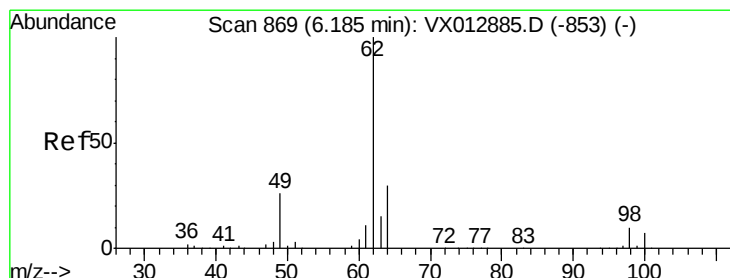
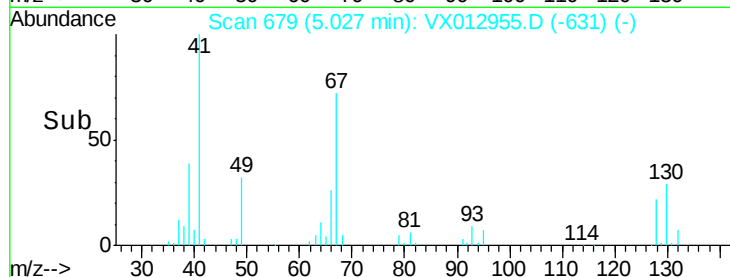
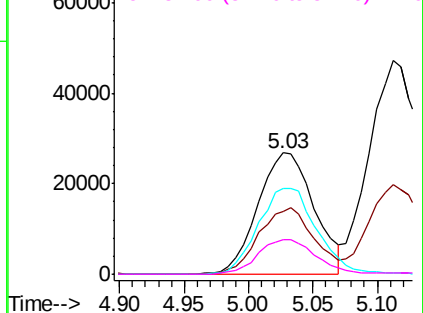
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

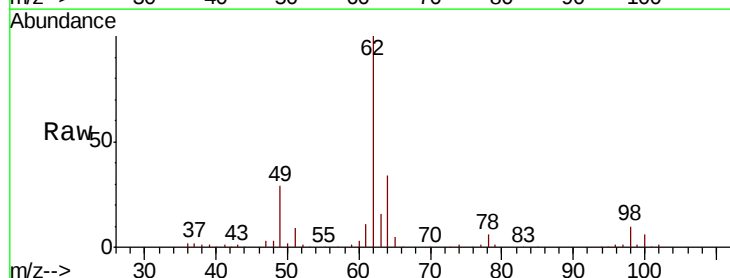
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 52.873 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

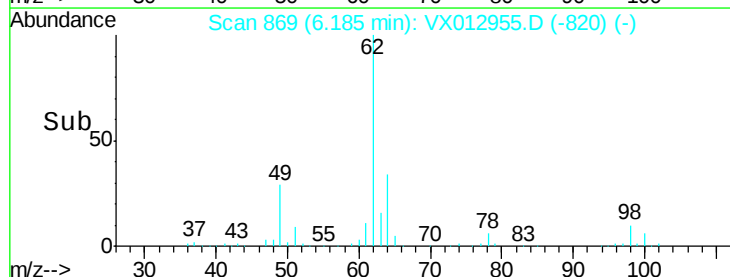
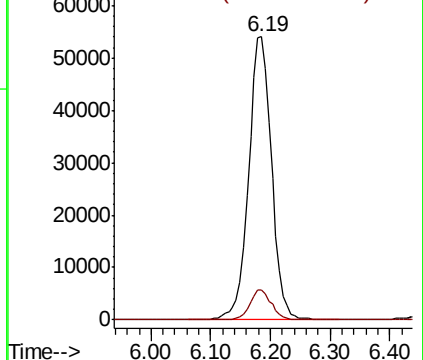
Tgt Ion:	62	Resp:	144400
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

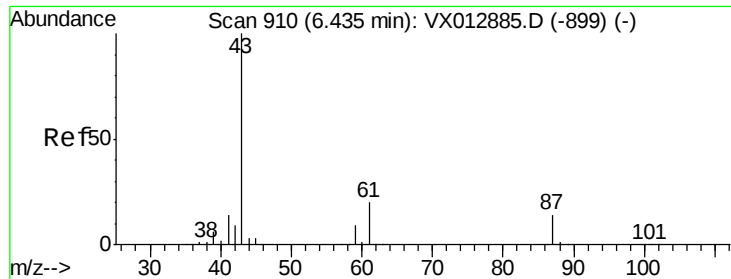


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



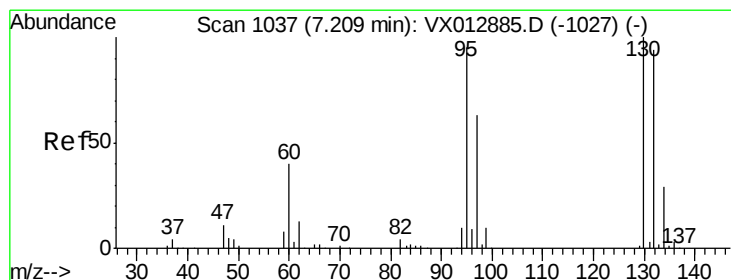
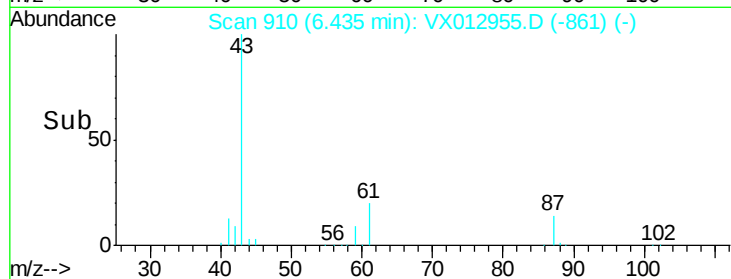
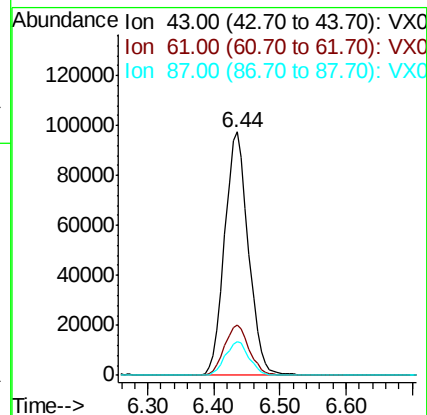
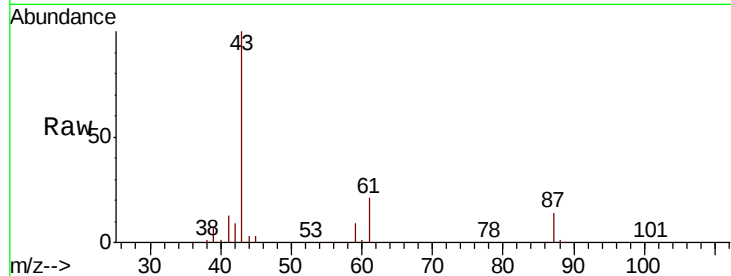


#43

Isopropyl Acetate
 Concen: 52.499 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :

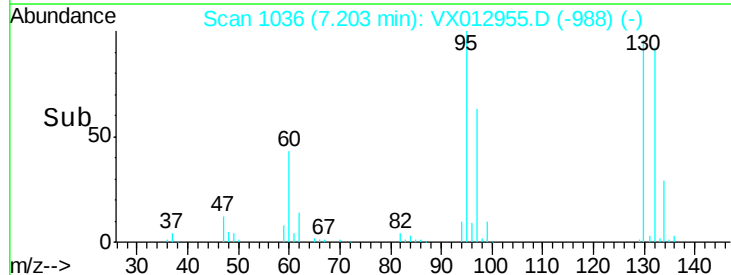
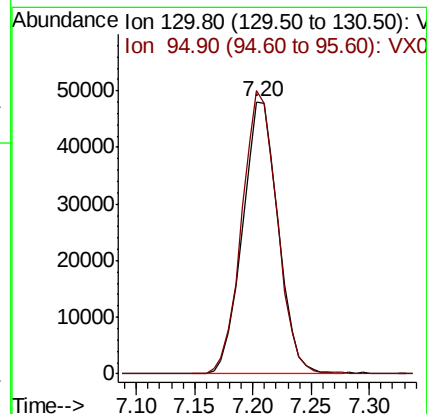
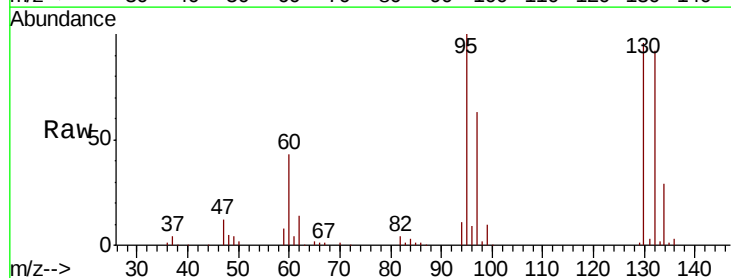
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.6	24.8
87	13.9	11.0	16.6

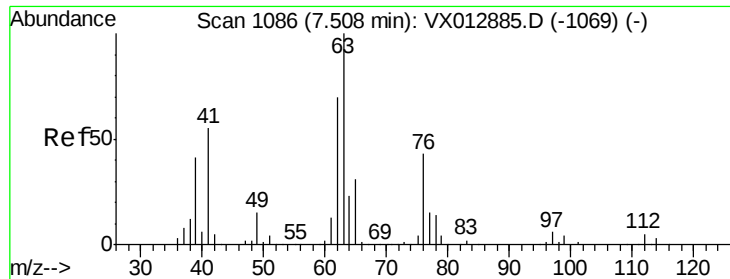


#44

Trichloroethene
 Concen: 48.655 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	189.2





#45

1,2-Dichloropropane

Concen: 52.831 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

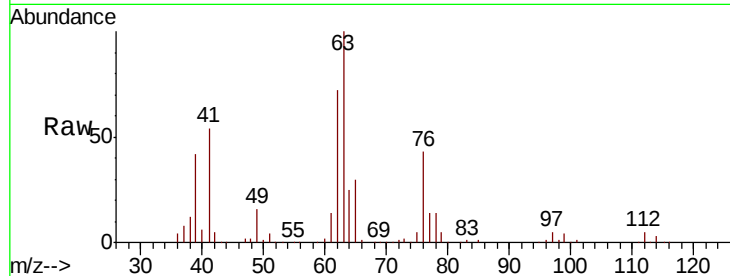
ClientSampled :

Tot Ion: 63 Resp: 102484

Ion Ratio Lower Upper

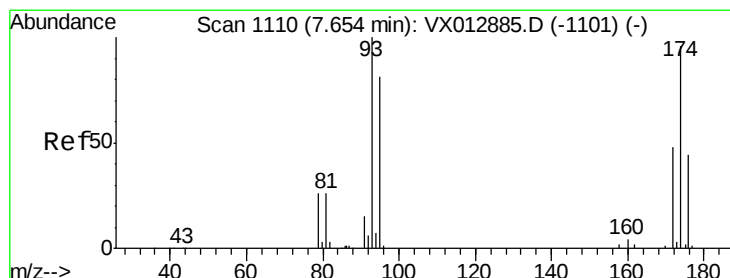
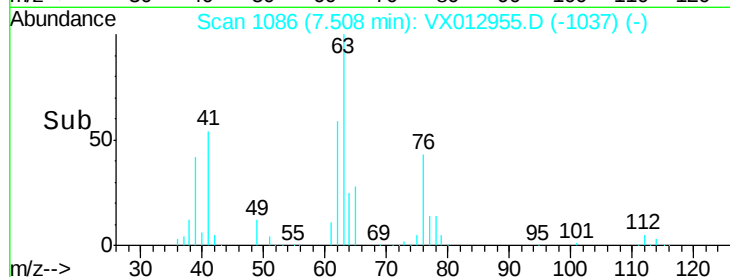
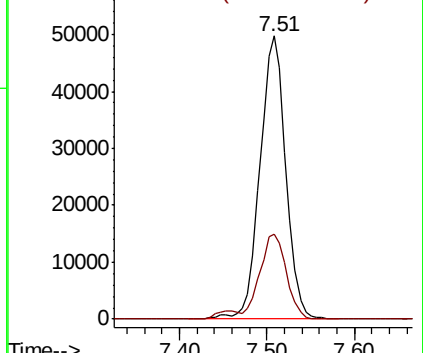
63 100

65 29.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.031 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

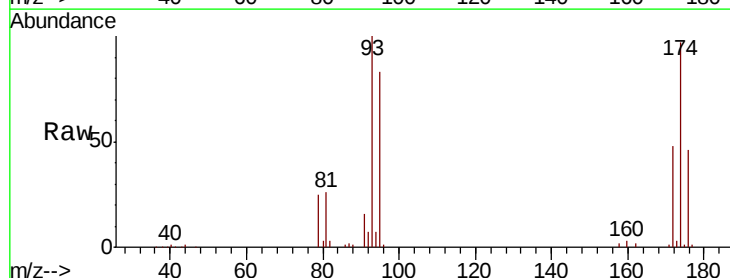
Tgt Ion: 93 Resp: 68539

Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

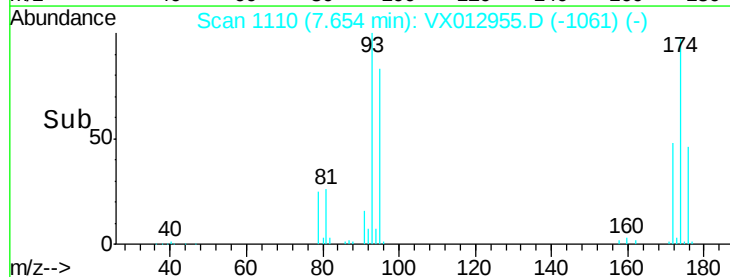
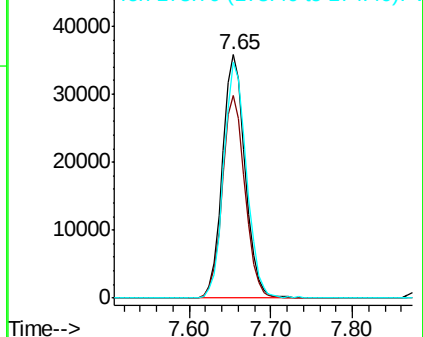
174 97.3 77.8 116.6

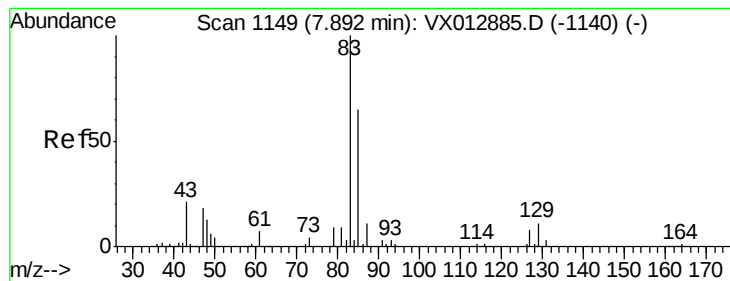


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.723 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

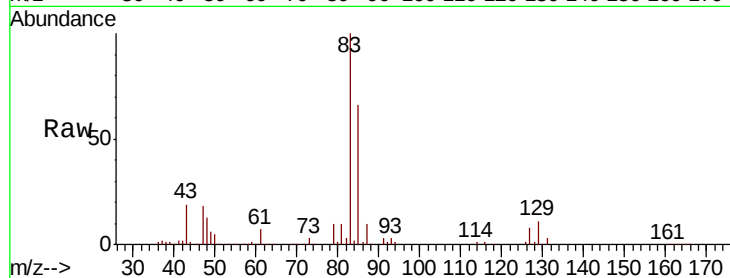
Tot Ion: 83 Resp: 135499

Ion Ratio Lower Upper

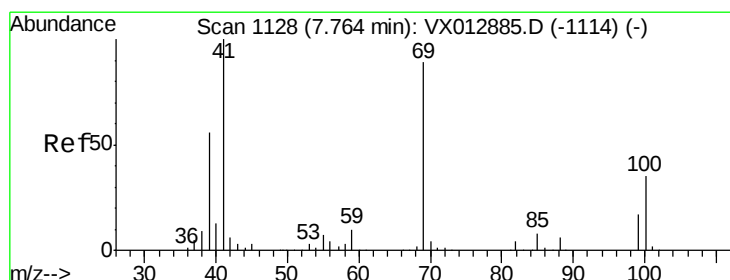
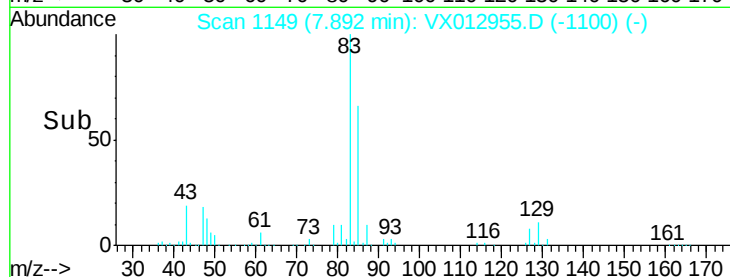
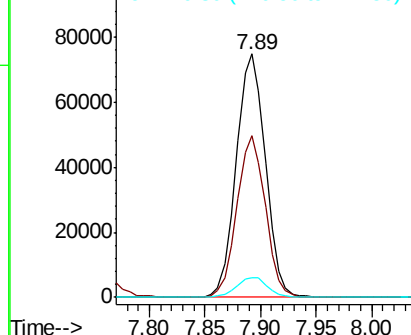
83 100

85 66.3 52.4 78.6

127 8.3 6.6 10.0



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



#48

Methyl methacrylate

Concen: 52.417 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

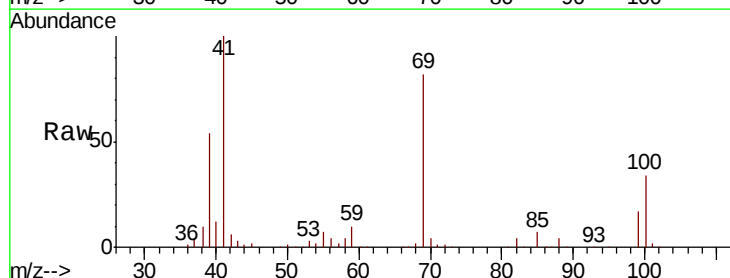
Tgt Ion: 41 Resp: 118137

Ion Ratio Lower Upper

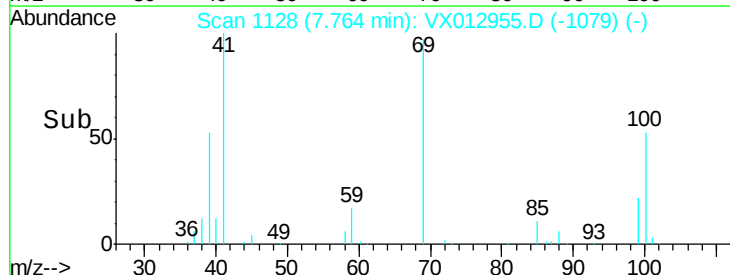
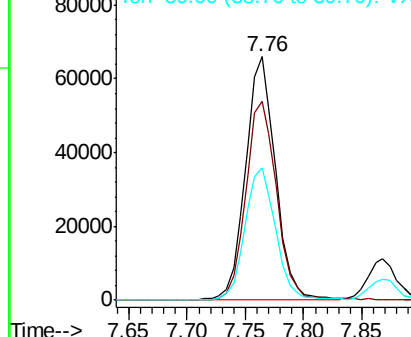
41 100

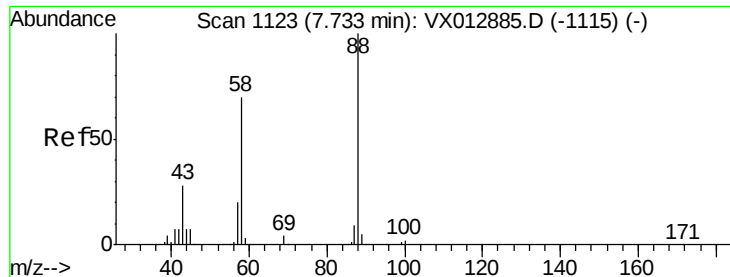
69 84.1 68.7 103.1

39 55.9 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

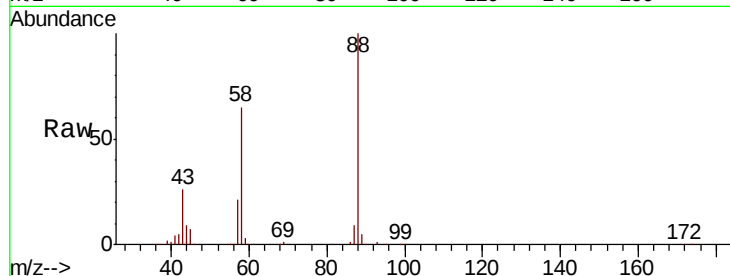




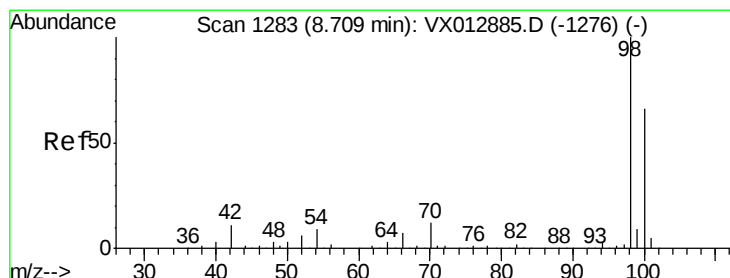
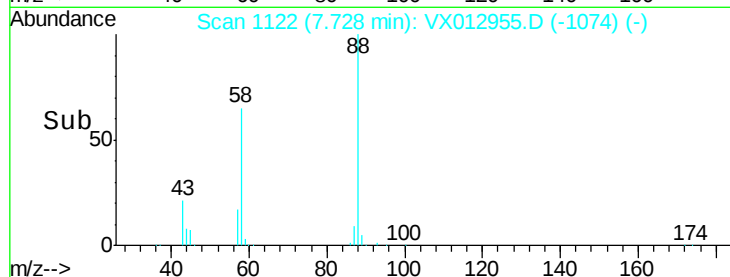
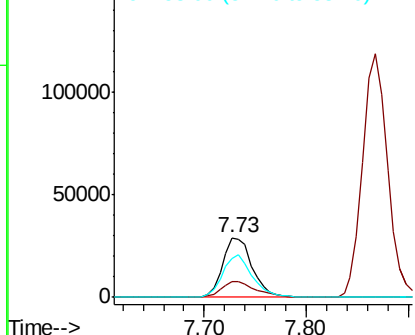
#49
1,4-Dioxane
Concen: 969.046 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 58542
Ion Ratio Lower Upper
88 100
43 31.7 25.0 37.6
58 71.2 55.4 83.2

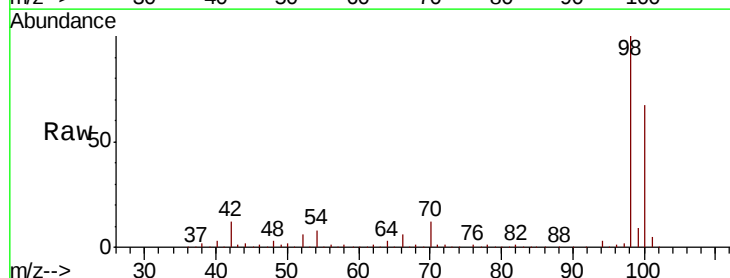


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

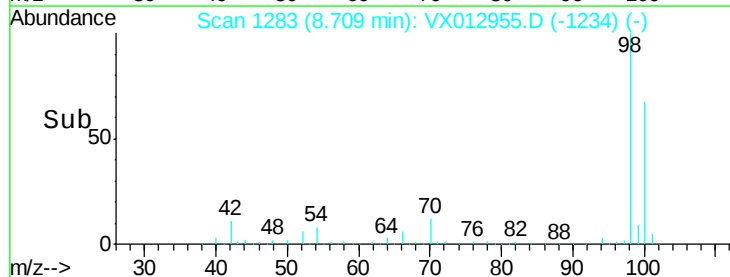
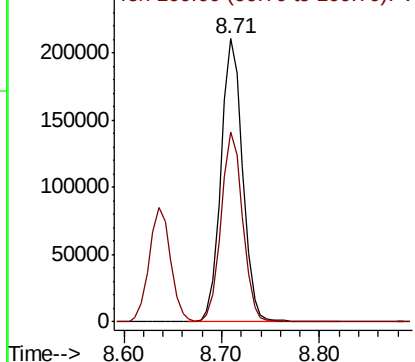


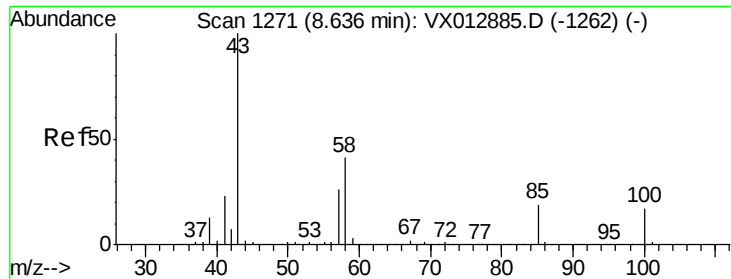
#50
Toluene-d8
Concen: 49.462 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 98 Resp: 324531
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



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

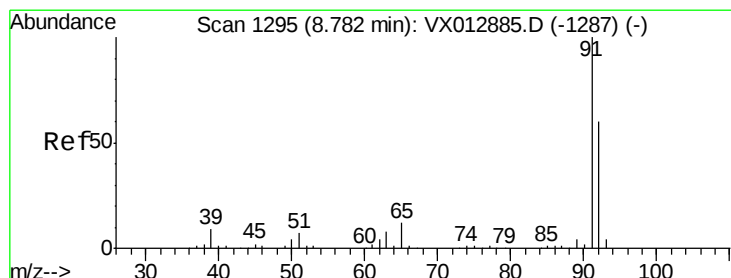
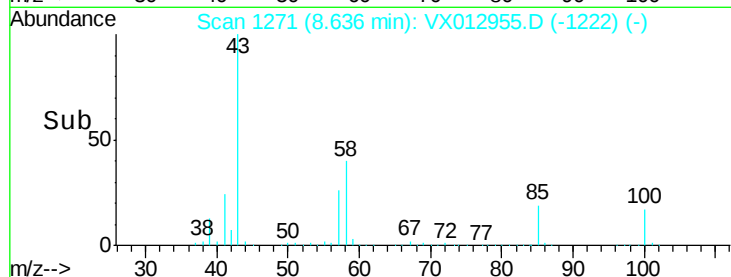
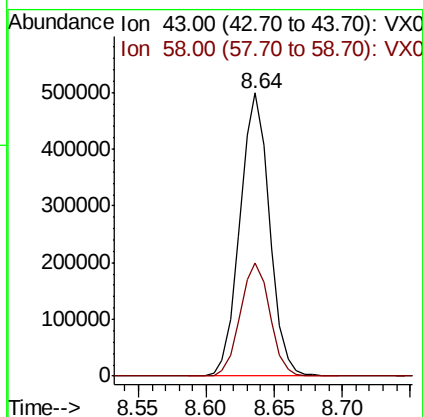
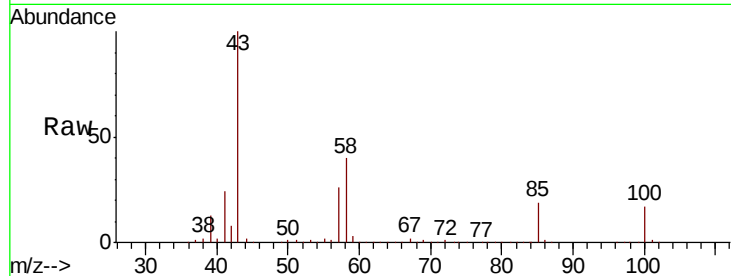




#51
4-Methyl-2-Pentanone
Concen: 262.688 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

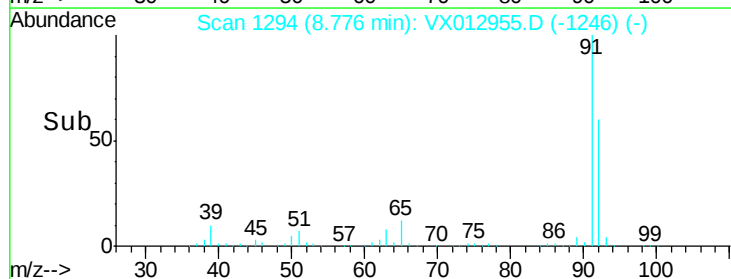
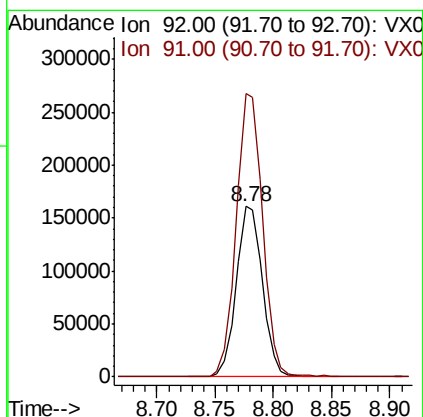
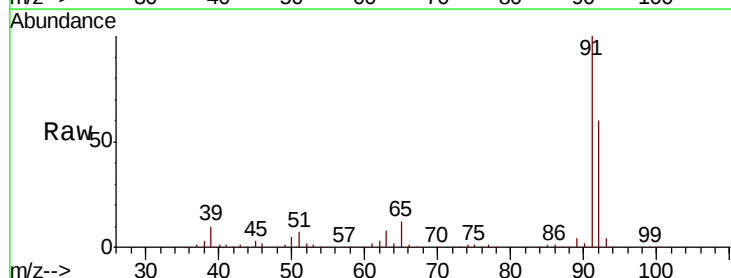
Instrument :
MSVOA_X
ClientSampled :

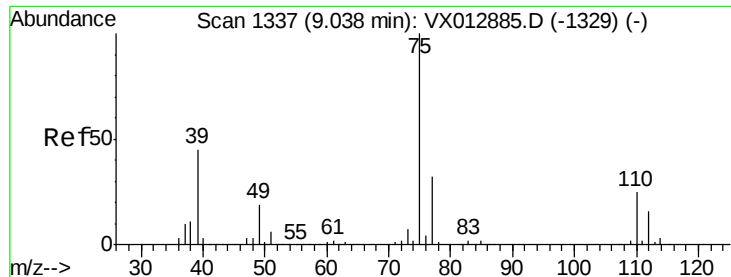
Tot Ion: 43 Resp: 757480
Ion Ratio Lower Upper
43 100
58 40.3 32.4 48.6



#52
Toluene
Concen: 52.065 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 92 Resp: 253521
Ion Ratio Lower Upper
92 100
91 167.8 135.9 203.9

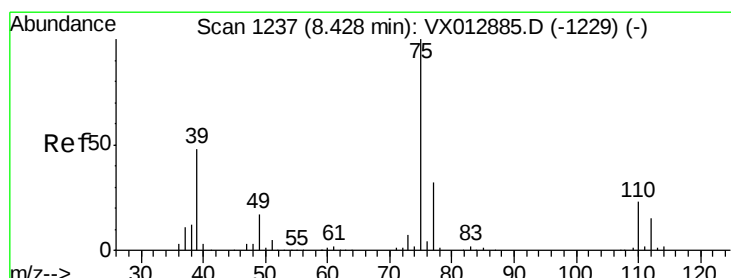
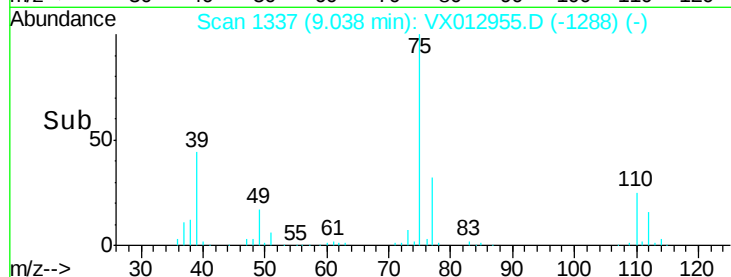
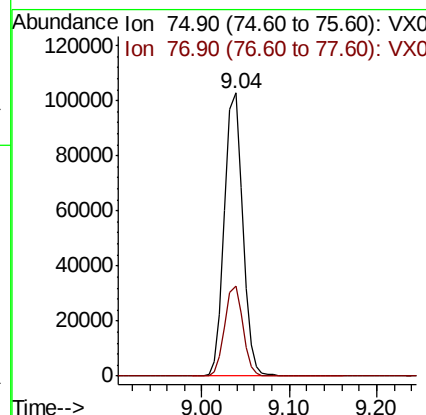
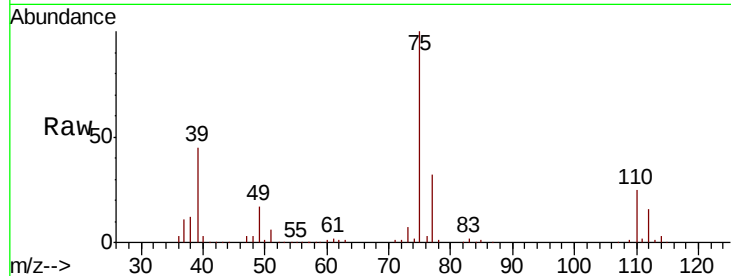




#53
t-1,3-Dichloropropene
Concen: 47.520 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

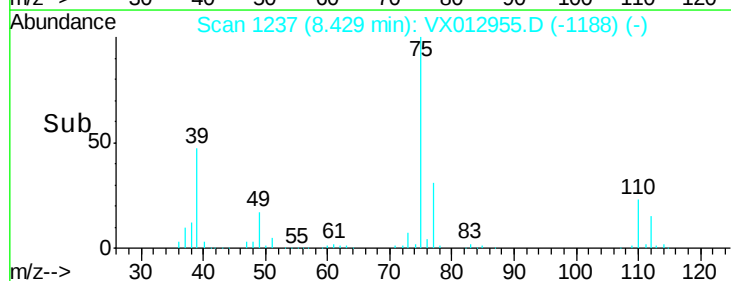
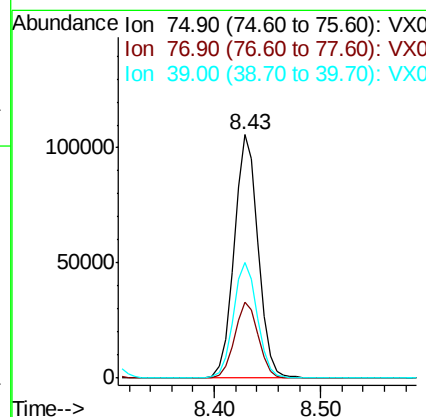
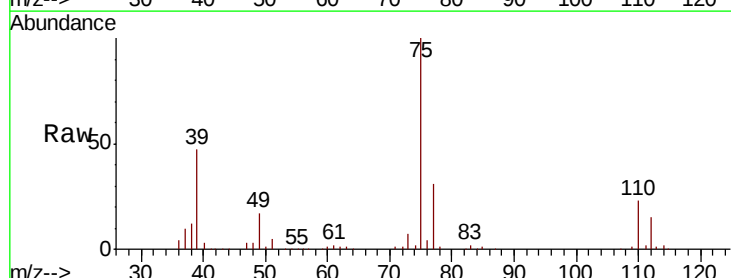
Instrument :
MSVOA_X
ClientSampleId :

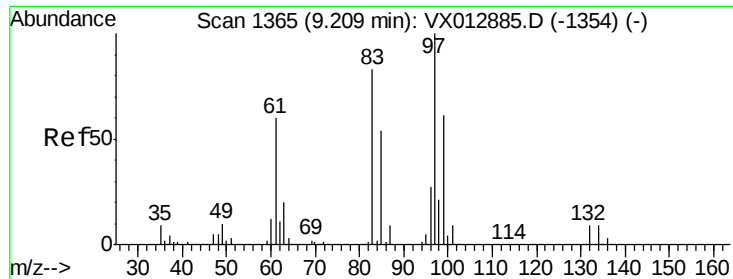
Tot Ion: 75 Resp: 149219
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.593 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 75 Resp: 166249
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 47.3 38.2 57.2

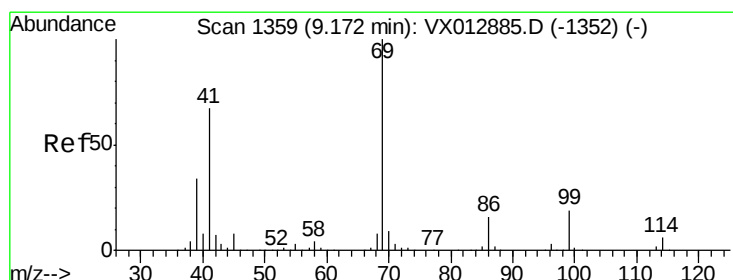
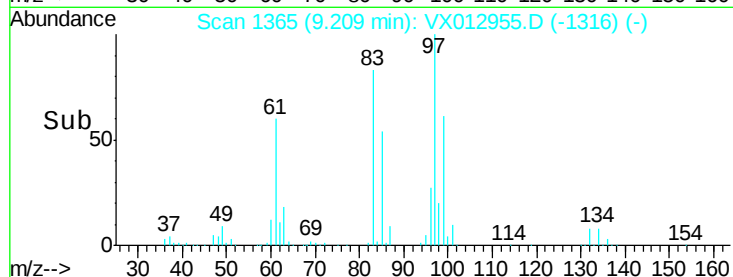
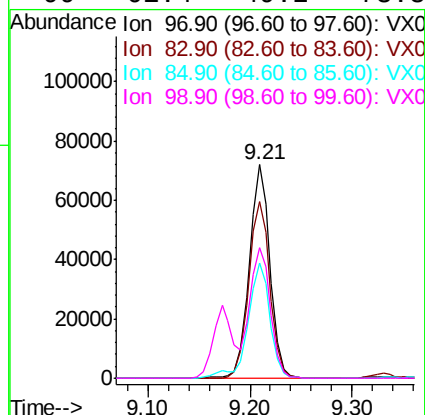
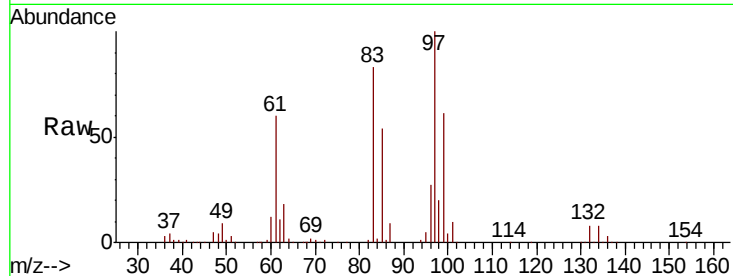




#55
 1,1,2-Trichloroethane
 Concen: 52.615 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

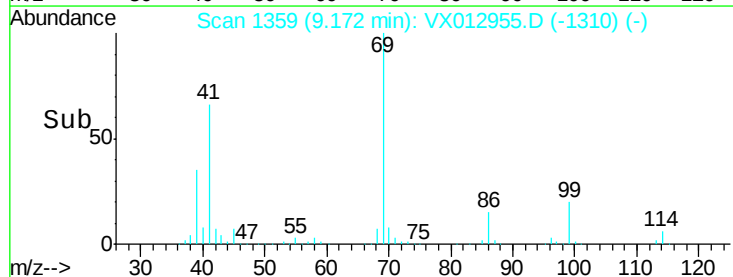
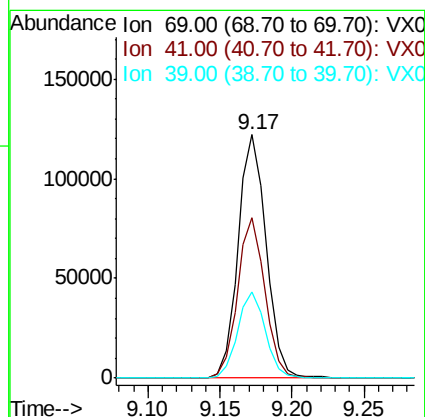
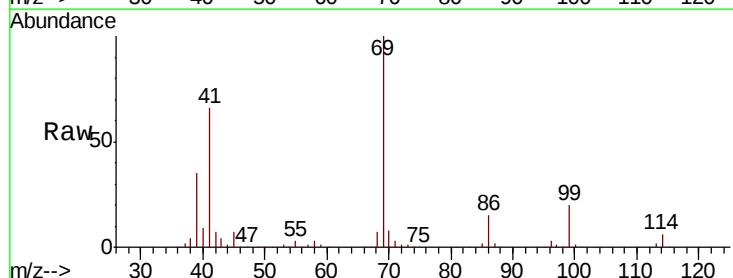
Instrument :
 MSVOA_X
 ClientSampleId :

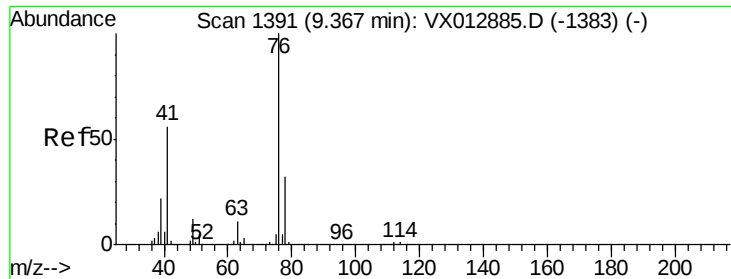
Tot Ion:	97	Resp:	101388
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.5	99.7
85	54.1	43.1	64.7
99	61.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.297 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion:	69	Resp:	166432
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	35.1	27.8	41.8

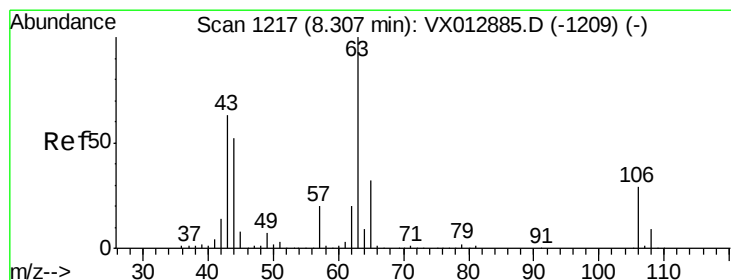
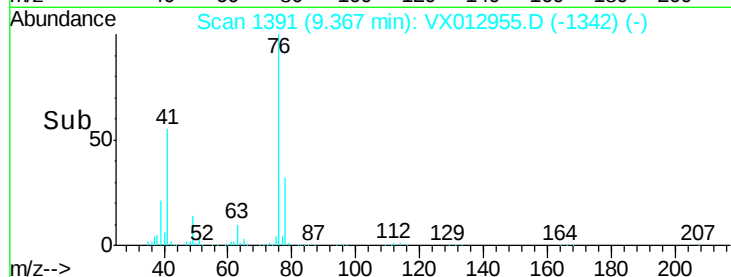
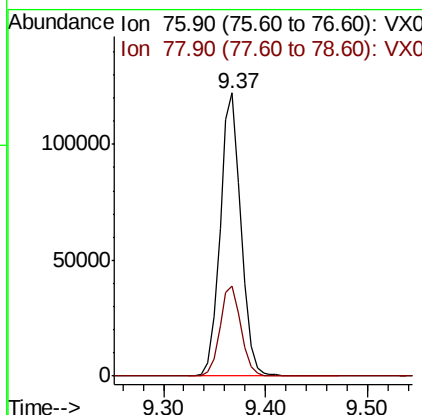
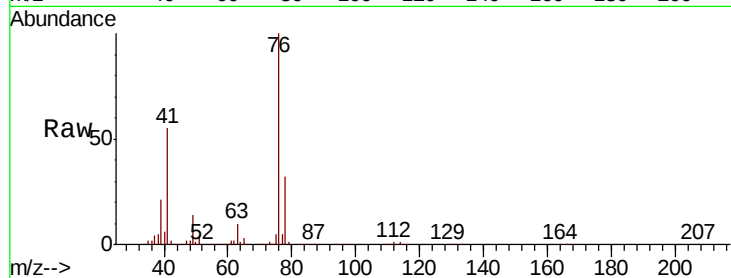




#57
 1,3-Dichloropropane
 Concen: 51.838 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

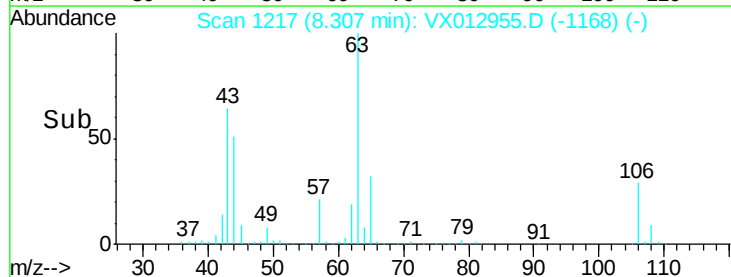
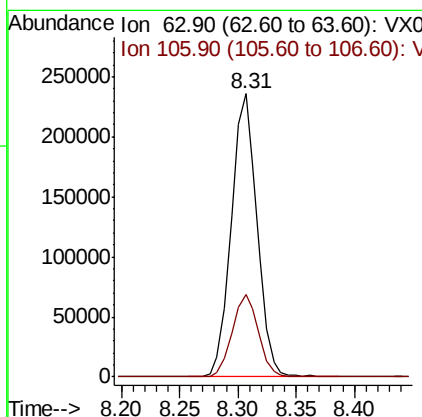
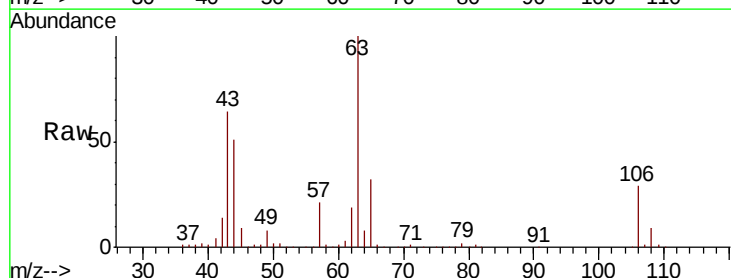
Instrument :
 MSVOA_X
 ClientSampled :

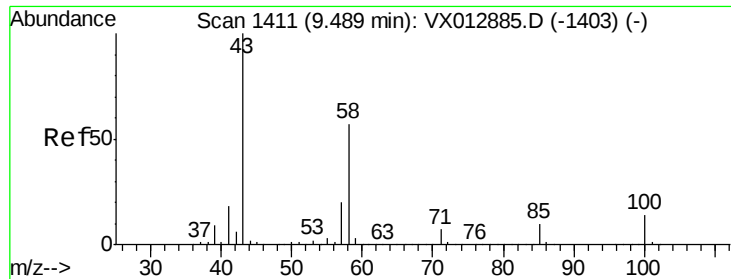
Tot Ion: 76 Resp: 172794
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.672 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion: 63 Resp: 364762
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.8

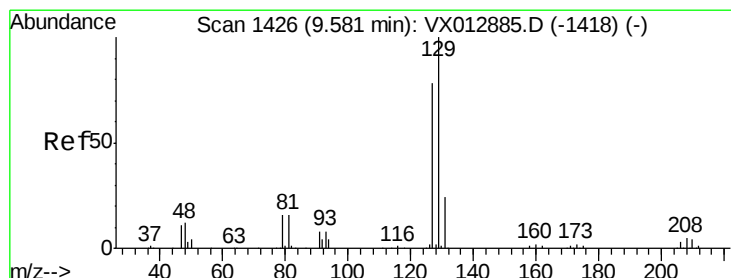
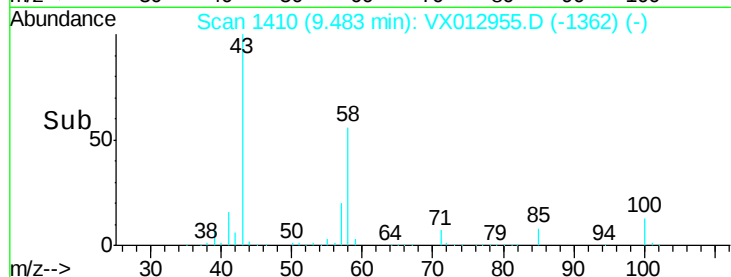
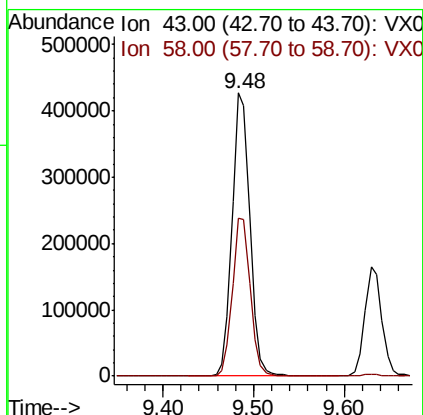
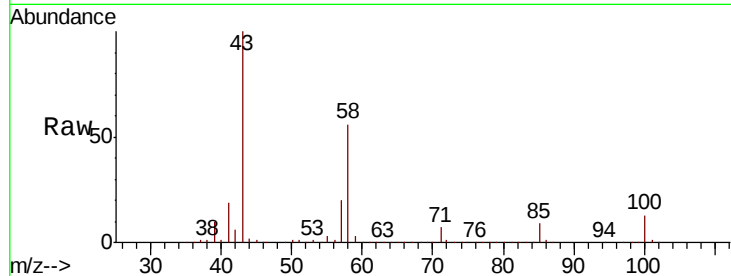




#59
2-Hexanone
Concen: 259.378 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

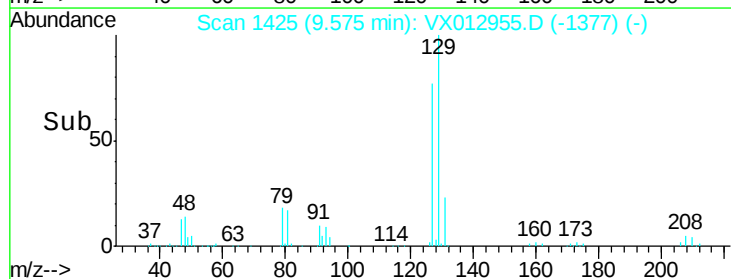
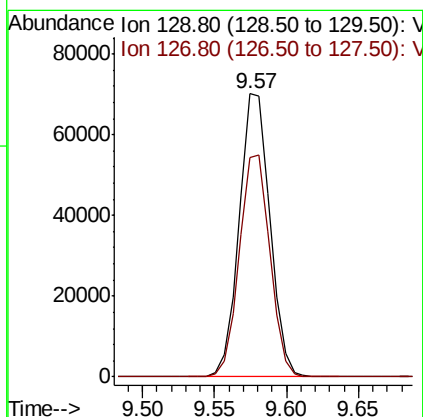
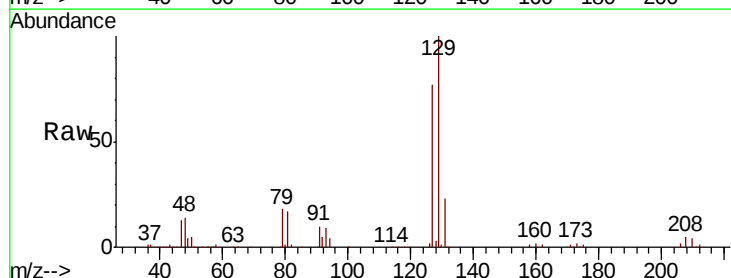
Instrument :
MSVOA_X
ClientSampleId :

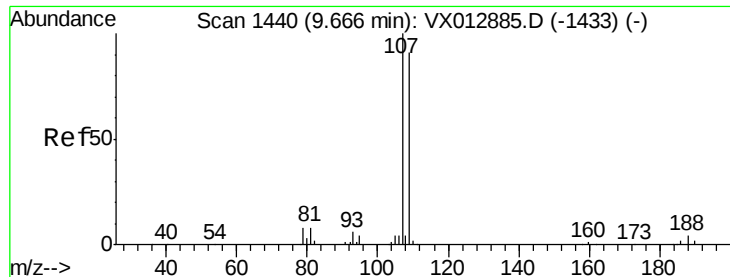
Tot Ion: 43 Resp: 582221
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 48.545 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 129 Resp: 103980
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.098 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

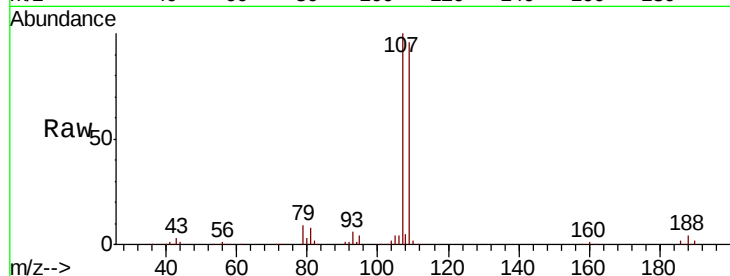
ClientSampleId :

Tot Ion:107 Resp: 105607

Ion Ratio Lower Upper

107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

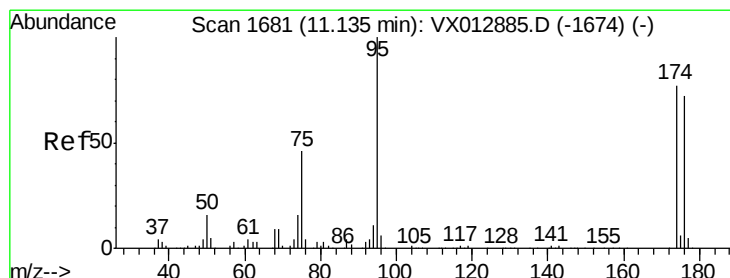
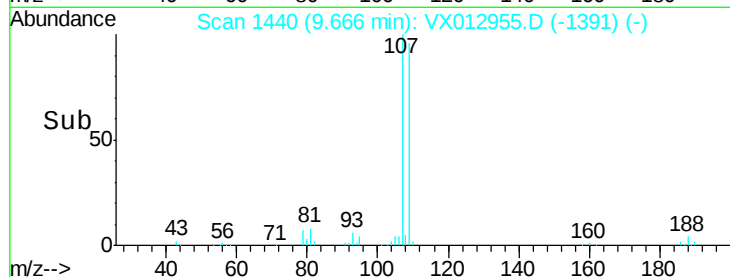
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.769 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

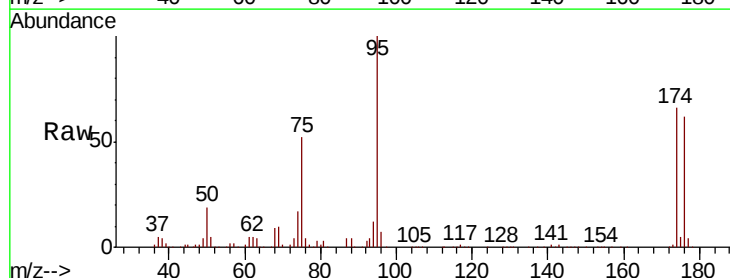
Tgt Ion: 95 Resp: 126881

Ion Ratio Lower Upper

95 100

174 71.7 0.0 143.4

176 69.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

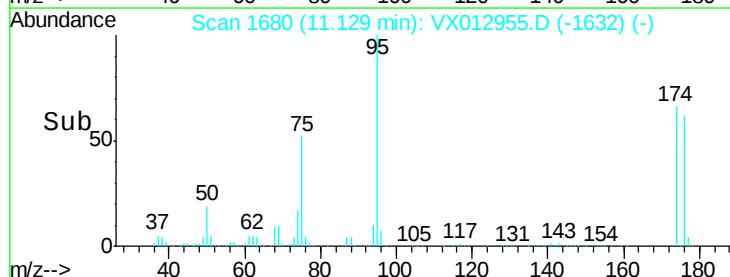
40000

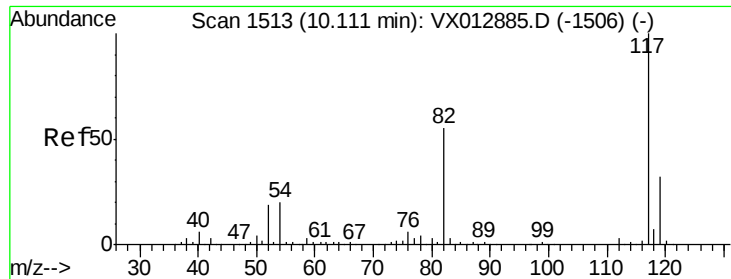
20000

0

11.05 11.10 11.15 11.20

Time-->

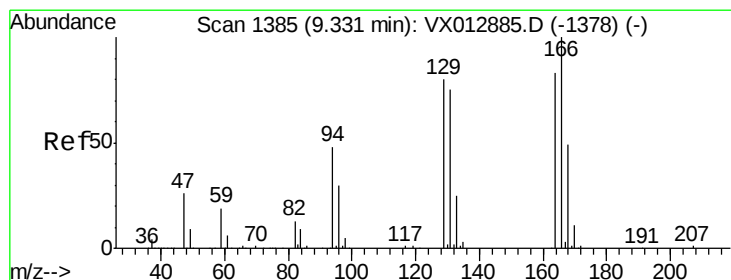
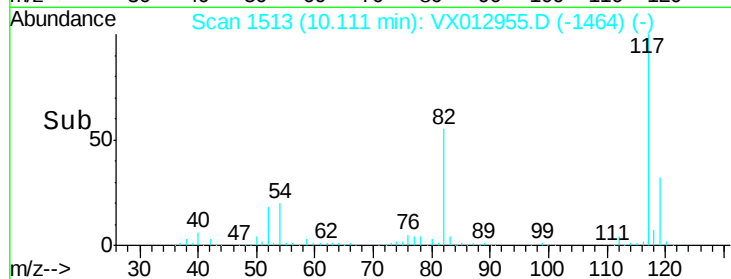
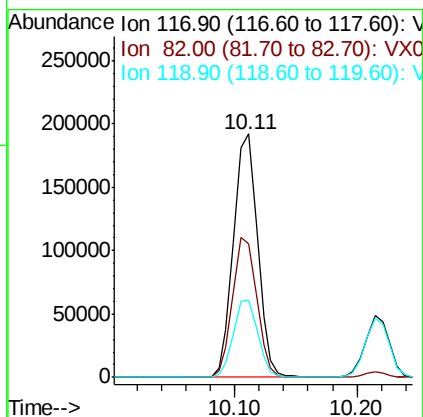
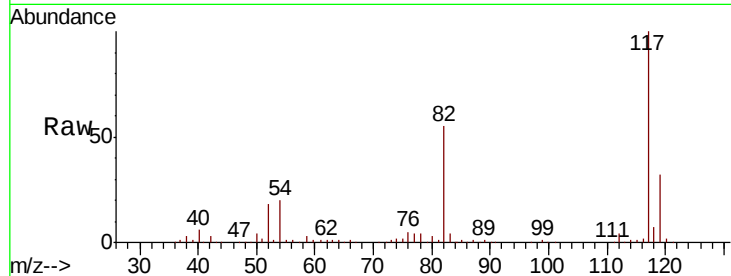




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

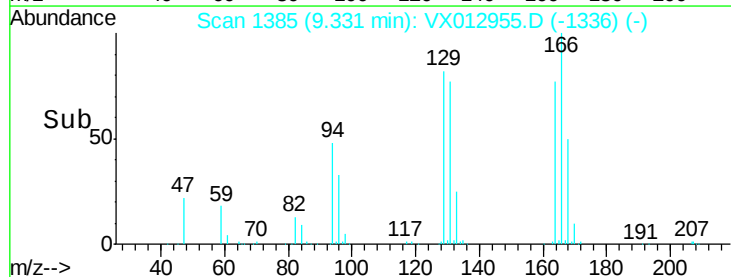
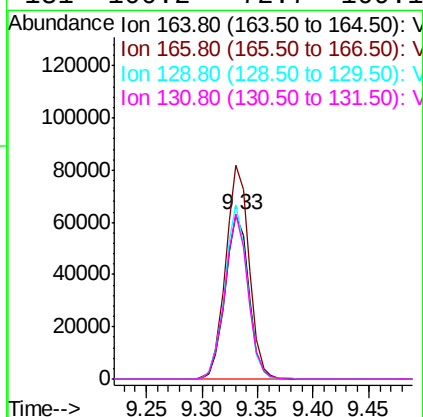
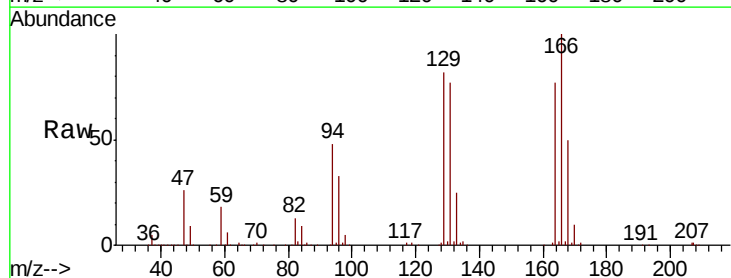
Instrument :
MSVOA_X
ClientSampled :

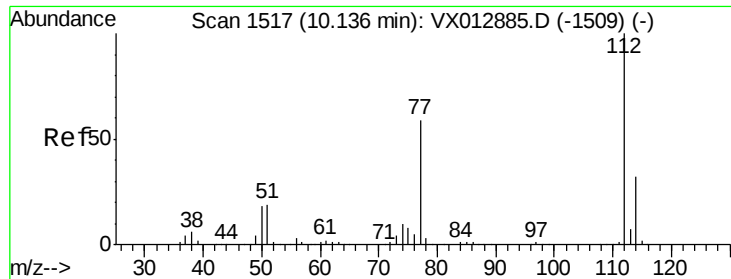
Tot Ion:117 Resp: 262664
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 50.438 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:164 Resp: 91889
Ion Ratio Lower Upper
164 100
166 129.9 96.9 145.3
129 106.1 77.9 116.9
131 100.2 72.7 109.1

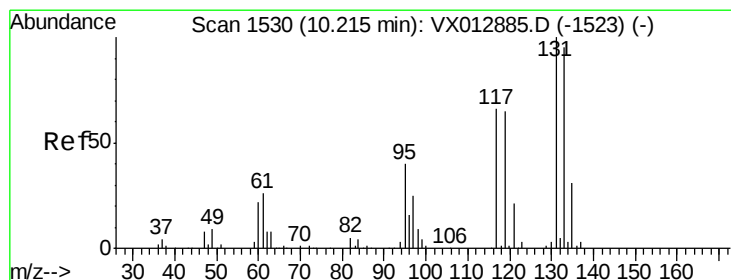
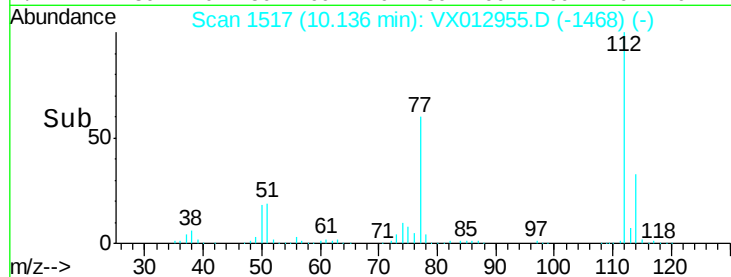
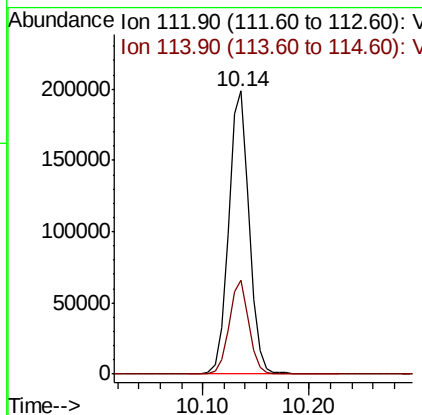
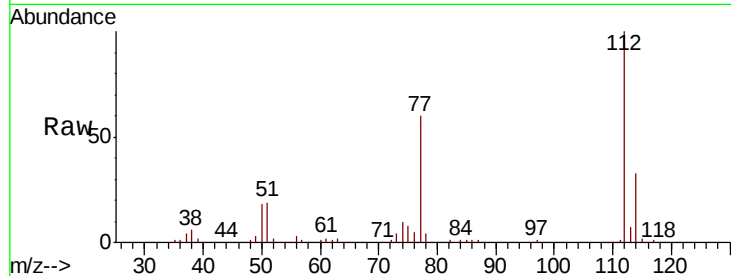




#65
Chlorobenzene
Concen: 51.243 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

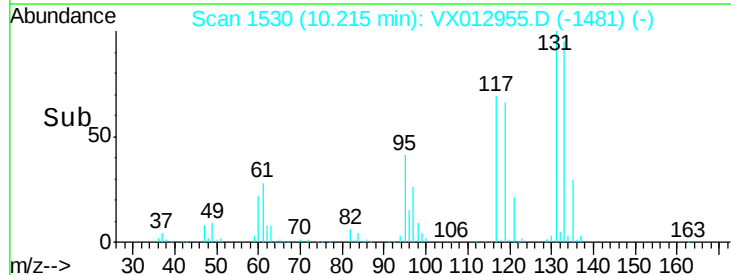
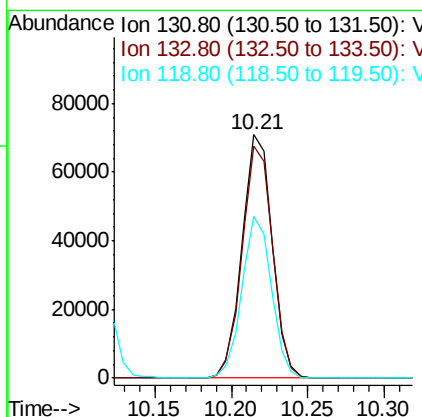
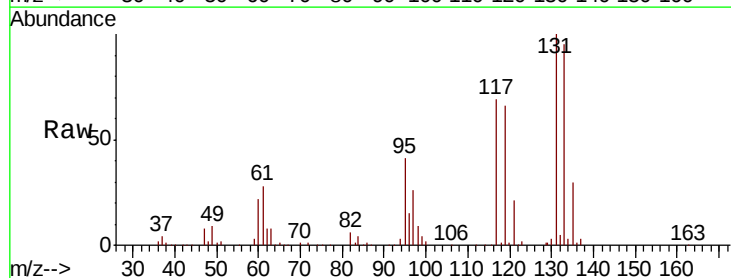
Instrument :
MSVOA_X
ClientSampleId :

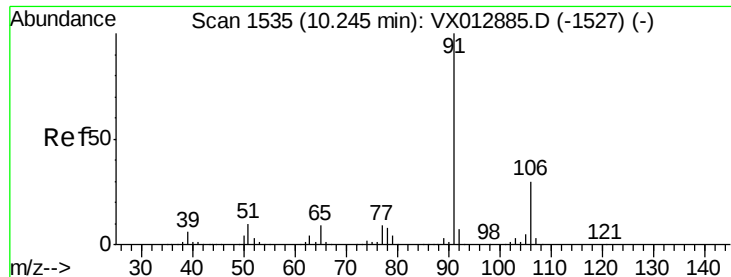
Tot Ion:112 Resp: 267286
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.530 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:131 Resp: 96811
Ion Ratio Lower Upper
131 100
133 96.7 47.2 141.6
119 65.7 32.6 98.0

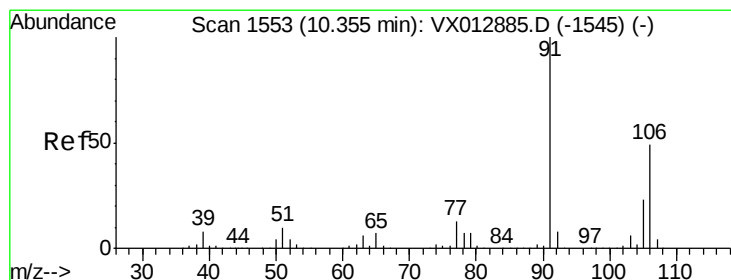
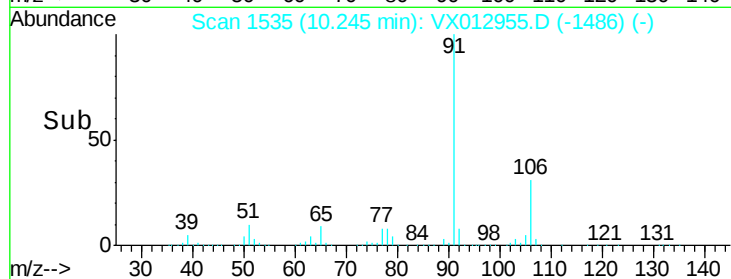
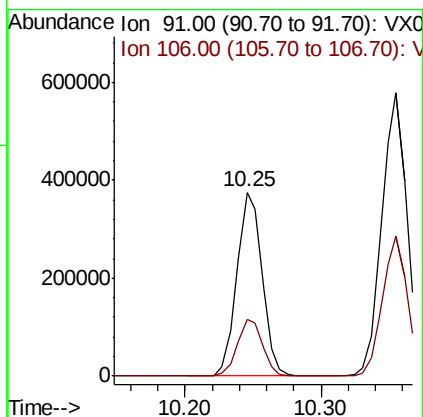
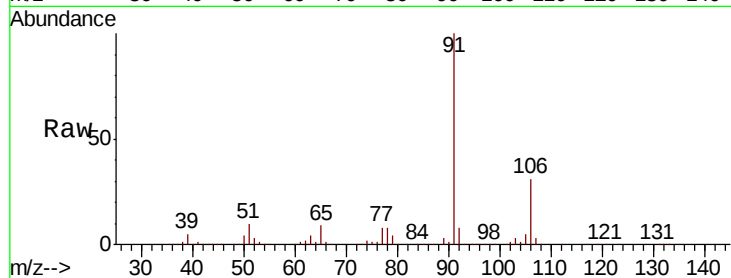




#67
Ethyl Benzene
Concen: 52.486 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

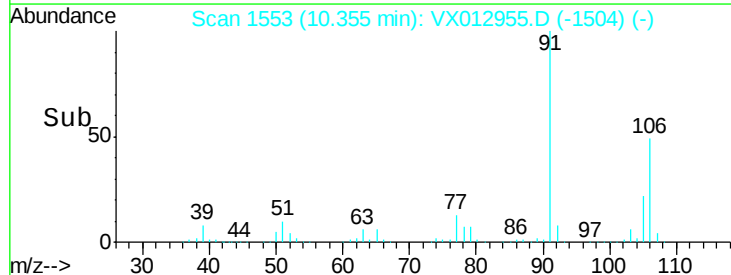
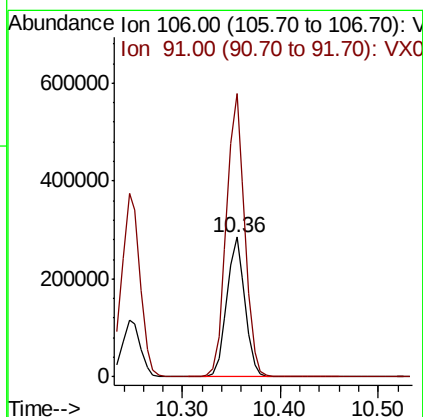
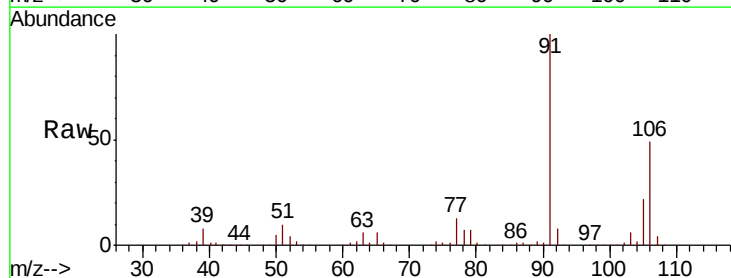
Instrument :
MSVOA_X
ClientSampled :

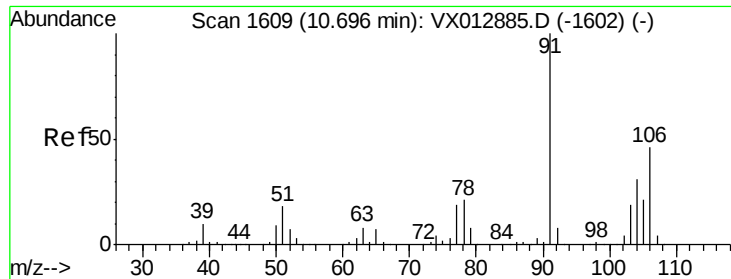
Tot Ion: 91 Resp: 486294
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9



#68
m/p-Xylenes
Concen: 106.088 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 106 Resp: 367207
Ion Ratio Lower Upper
106 100
91 204.8 165.3 247.9

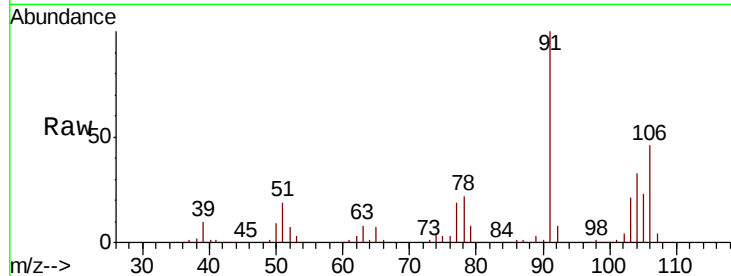




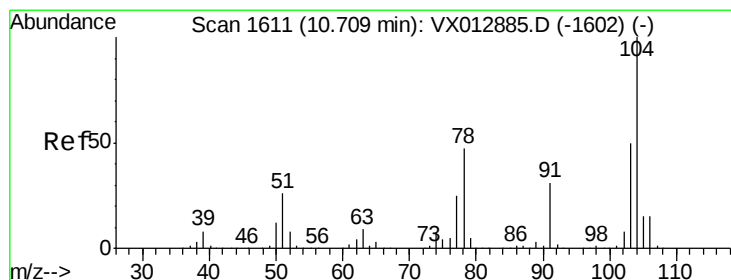
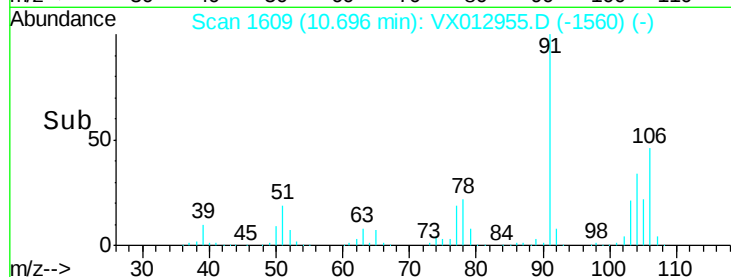
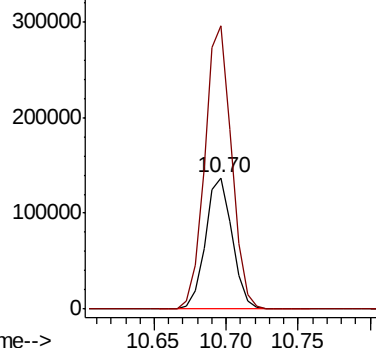
#69
o-Xylene
Concen: 52.559 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 177410
Ion Ratio Lower Upper
106 100
91 216.4 109.1 327.3

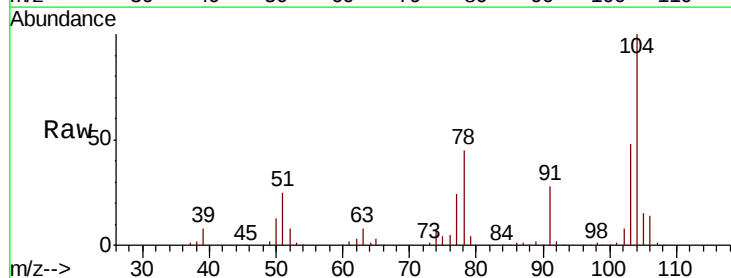


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

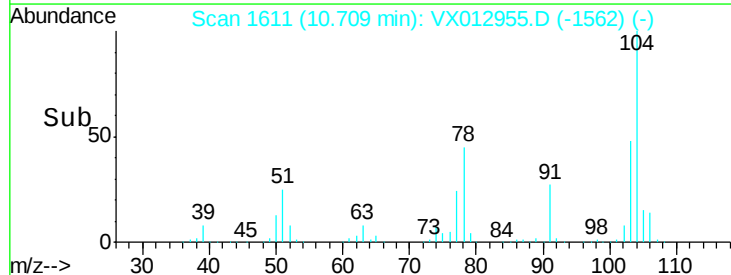
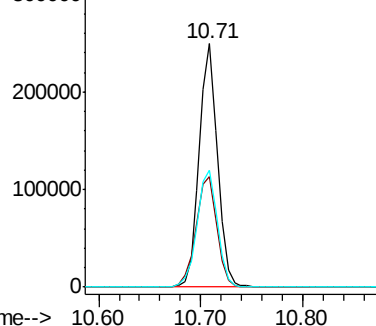


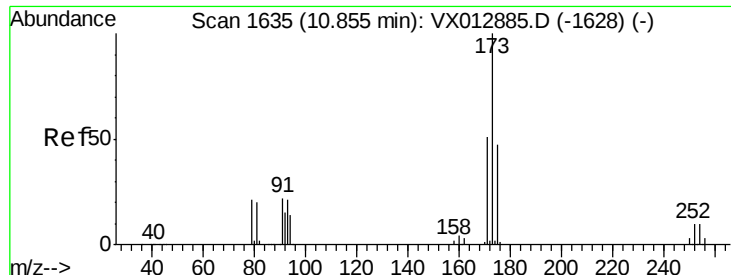
#70
Styrene
Concen: 53.664 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:104 Resp: 307939
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.6 43.0 64.4



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: 46.624 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

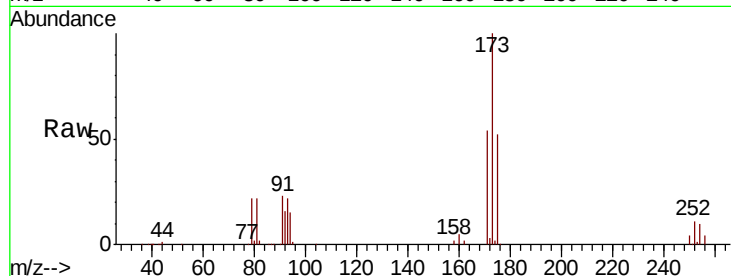
Tot Ion:173 Resp: 71485

Ion Ratio Lower Upper

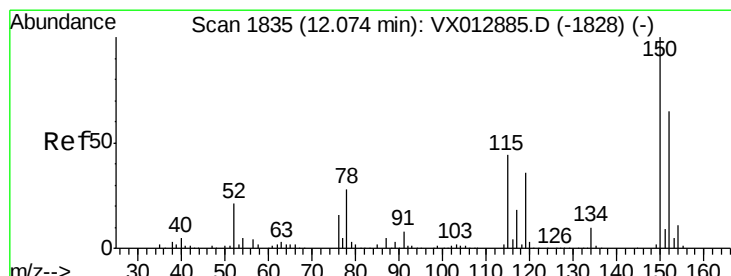
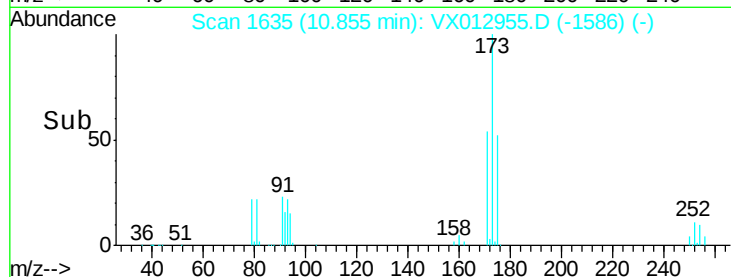
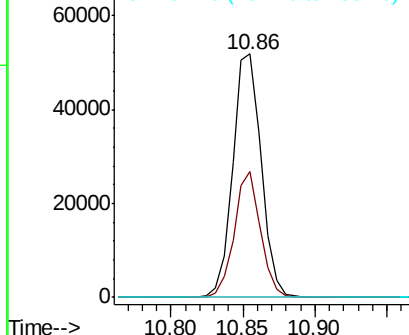
173 100

175 47.8 24.1 72.3

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: VX012955.D

Acq: 09 Oct 2019 20:01

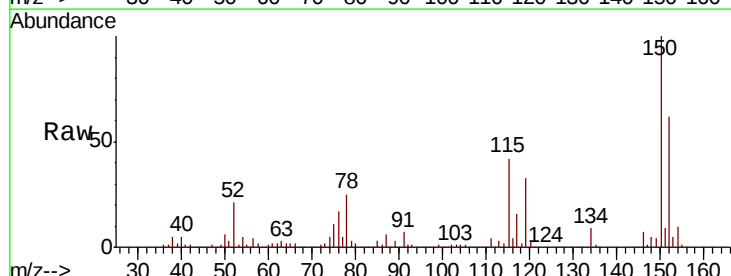
Tgt Ion:152 Resp: 122261

Ion Ratio Lower Upper

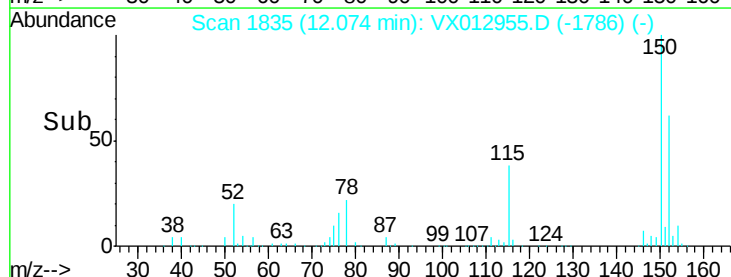
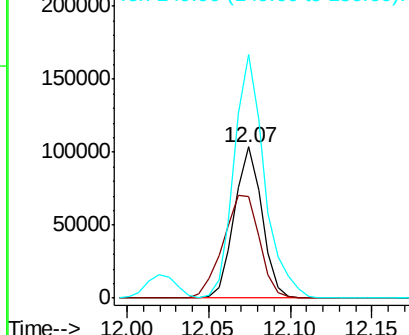
152 100

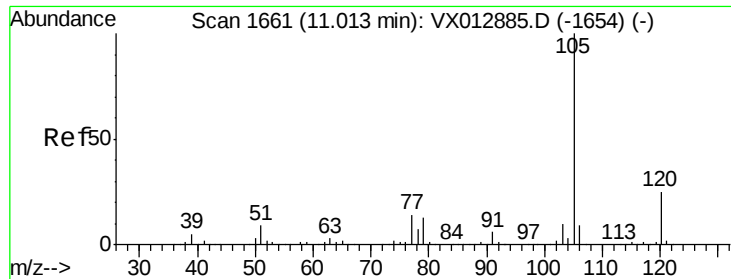
115 89.4 44.5 133.5

150 177.3 0.0 353.4



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





#73

Isopropylbenzene

Concen: 52.937 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

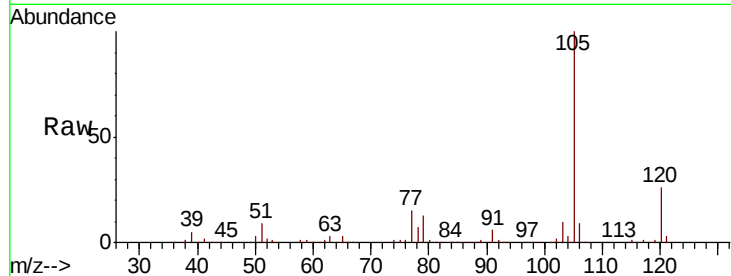
ClientSampleId :

Tot Ion:105 Resp: 475841

Ion Ratio Lower Upper

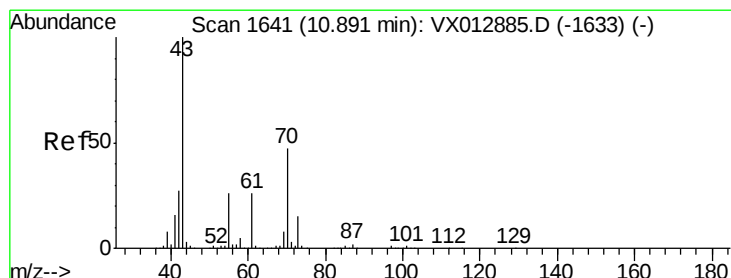
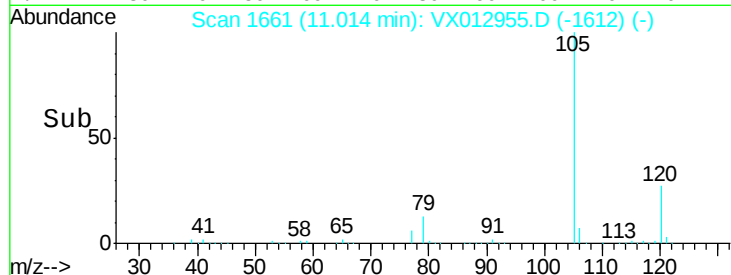
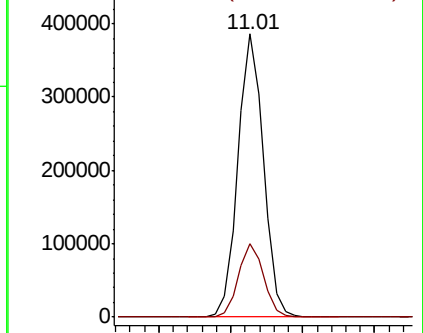
105 100

120 25.7 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.501 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 210989

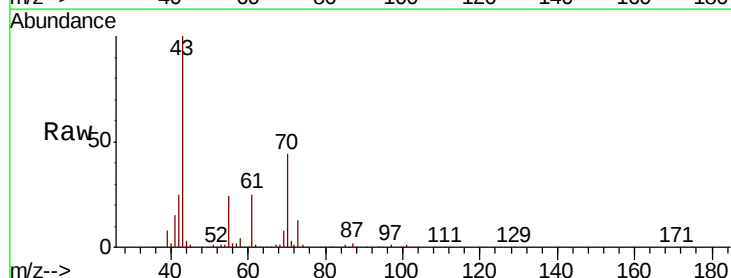
Ion Ratio Lower Upper

43 100

70 45.0 36.4 54.6

55 24.8 20.2 30.2

61 25.2 20.5 30.7

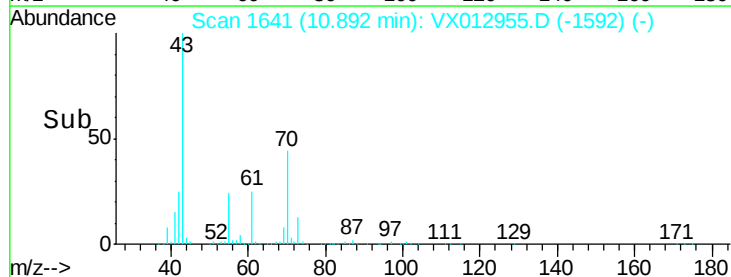
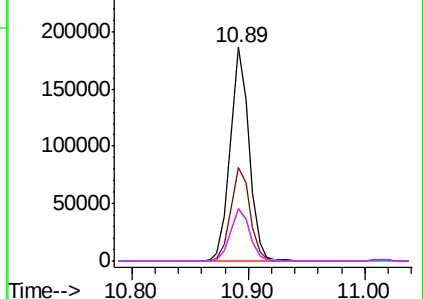


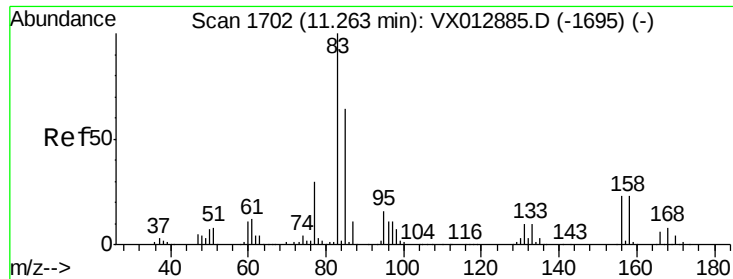
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

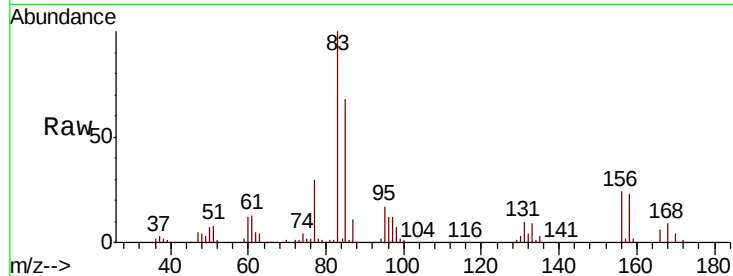
Tot Ion: 83 Resp: 156267

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

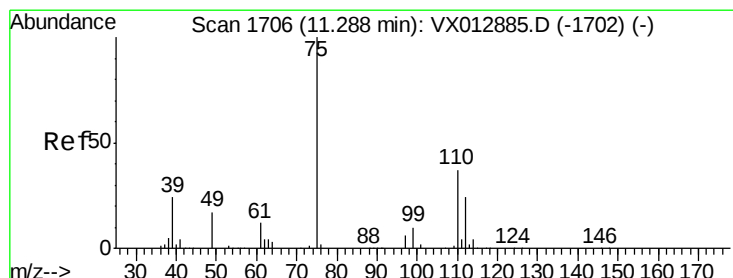
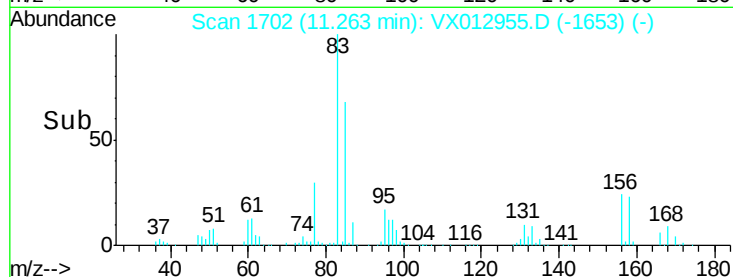
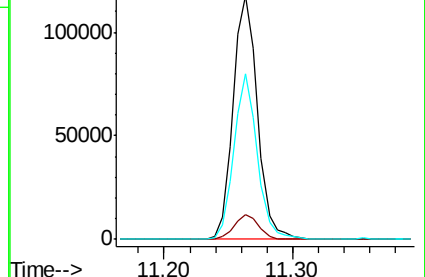
85 65.3 32.1 96.5



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: 67.322 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012955.D

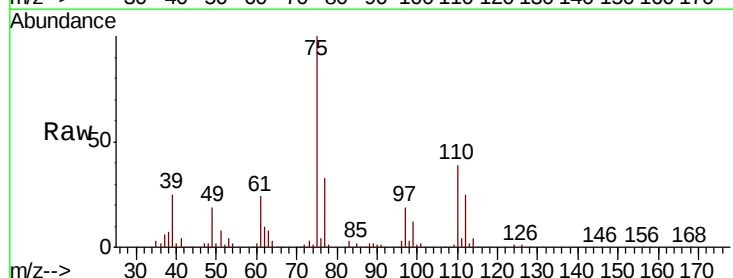
Acq: 09 Oct 2019 20:01

Tgt Ion: 75 Resp: 182560

Ion Ratio Lower Upper

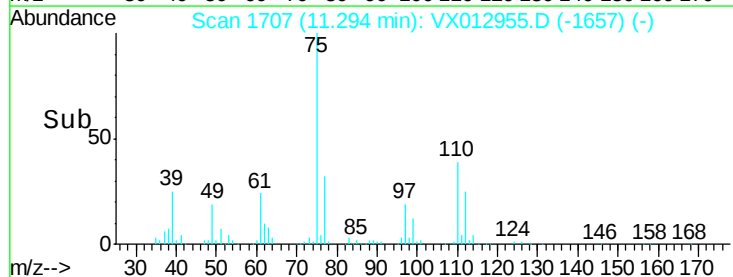
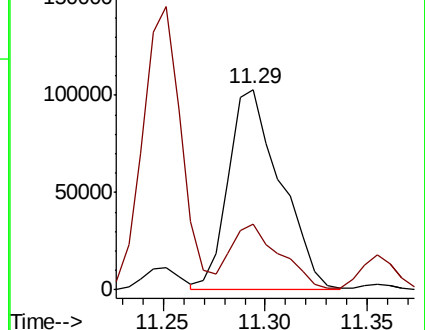
75 100

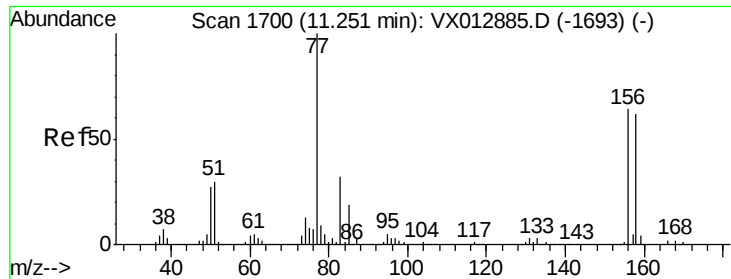
77 31.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

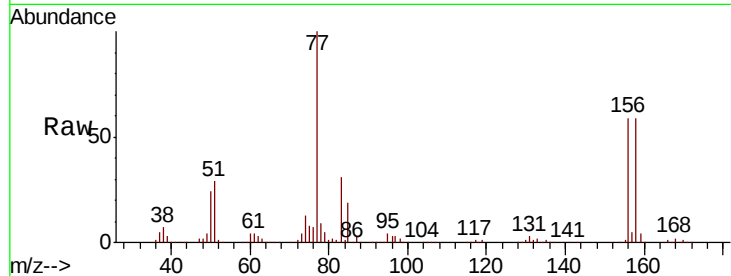
Tot Ion:156 Resp: 110135

Ion Ratio Lower Upper

156 100

77 173.2 83.7 251.0

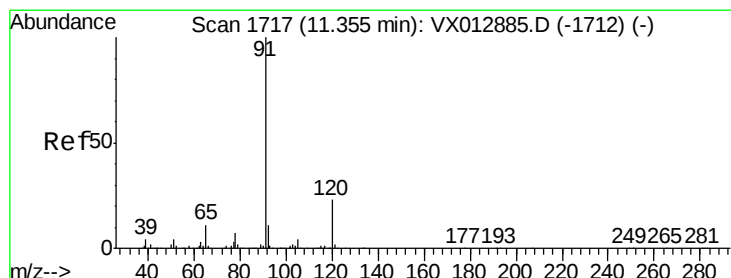
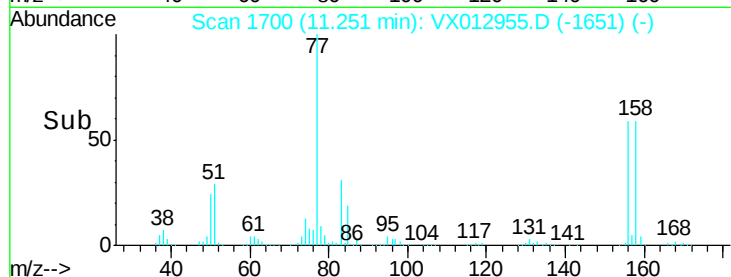
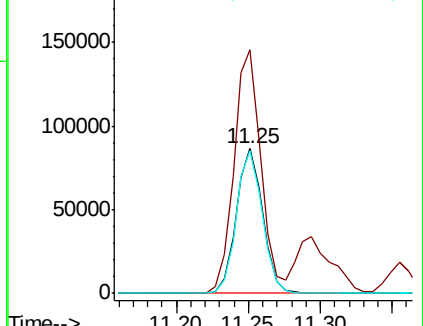
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.923 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012955.D

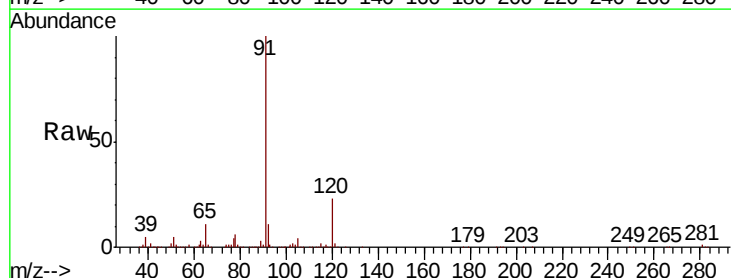
Acq: 09 Oct 2019 20:01

Tgt Ion: 91 Resp: 533353

Ion Ratio Lower Upper

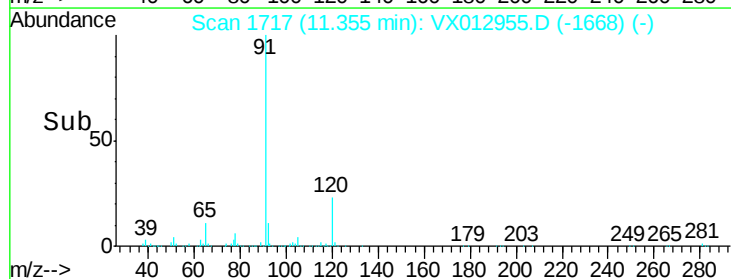
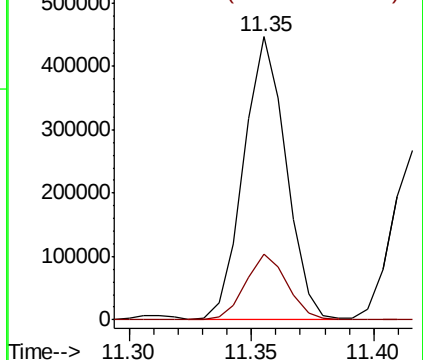
91 100

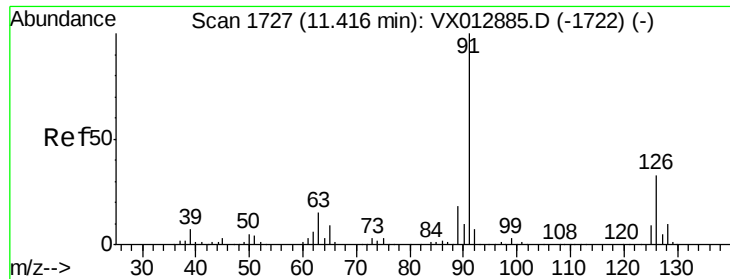
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

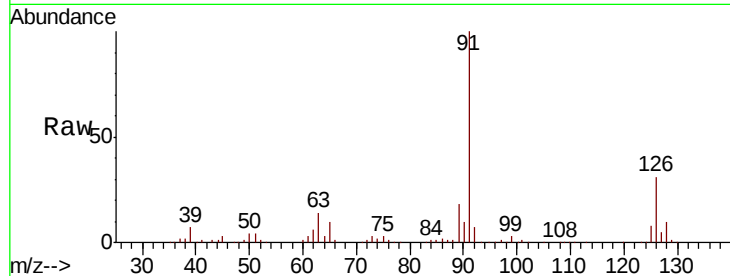




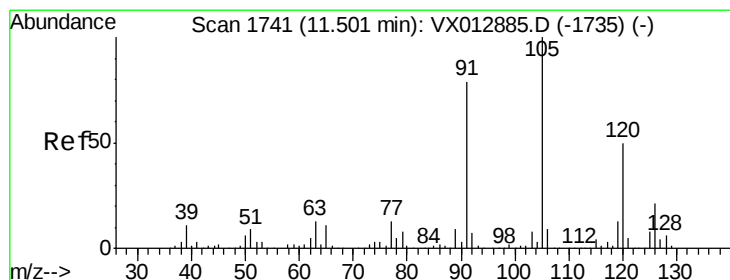
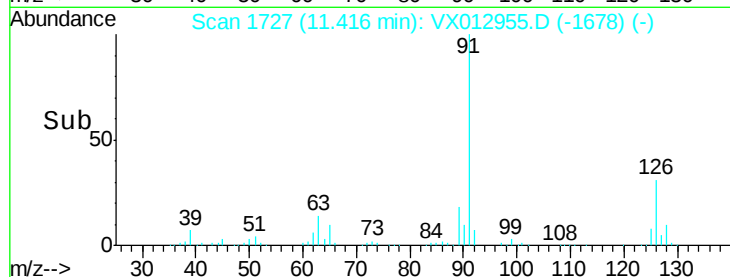
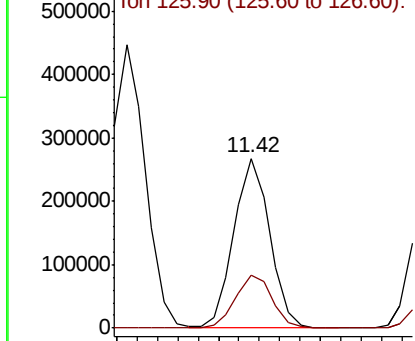
#79
 2-Chlorotoluene
 Concen: 52.280 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 324986
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8

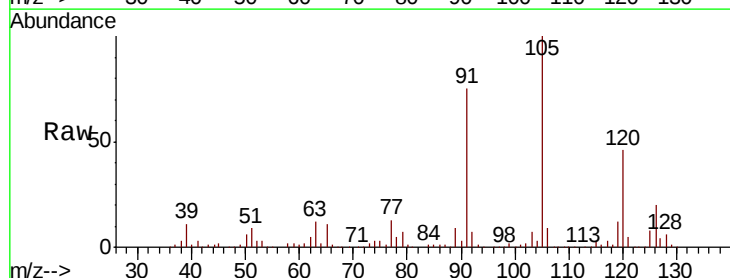


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

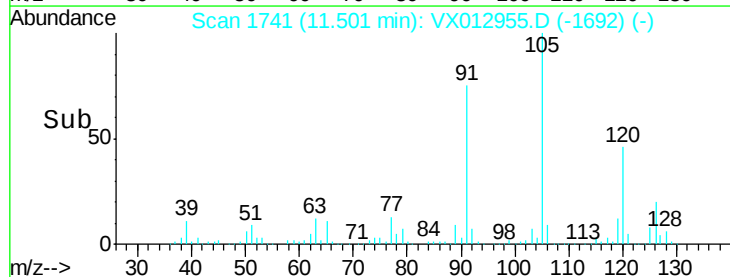
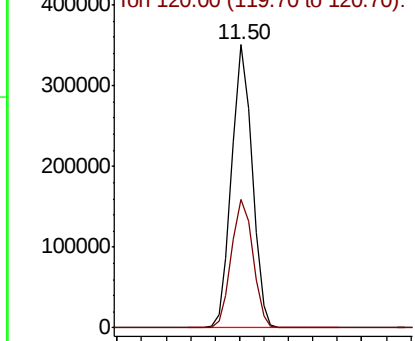


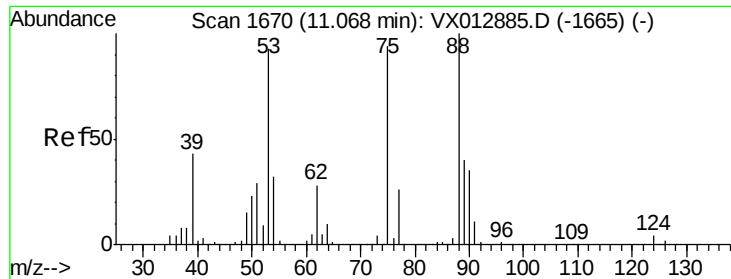
#80
 1,3,5-Trimethylbenzene
 Concen: 54.060 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion:105 Resp: 405761
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3



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

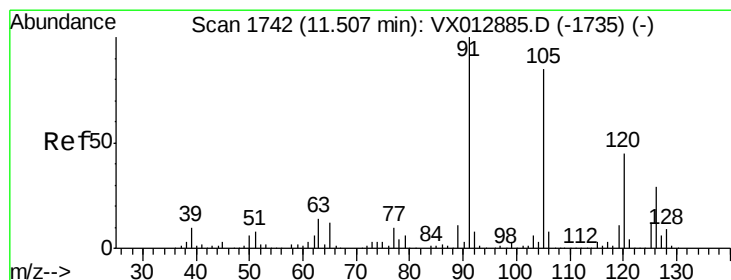
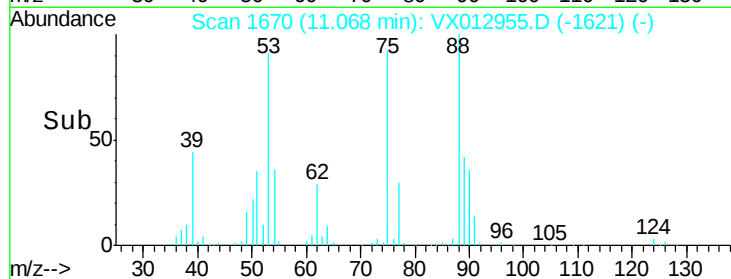
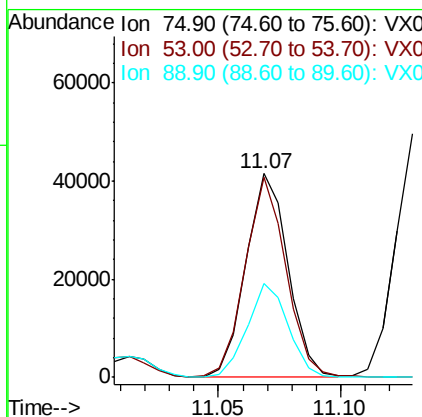
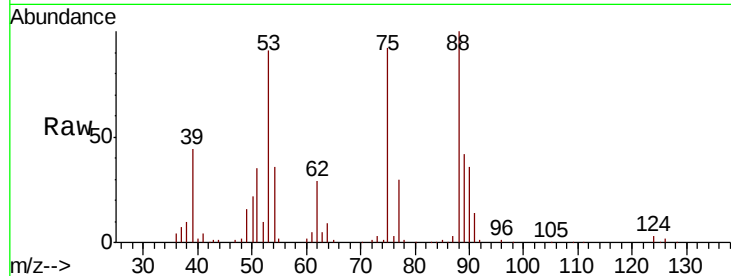




#81
trans-1,4-Dichloro-2-butene
Concen: 46.900 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

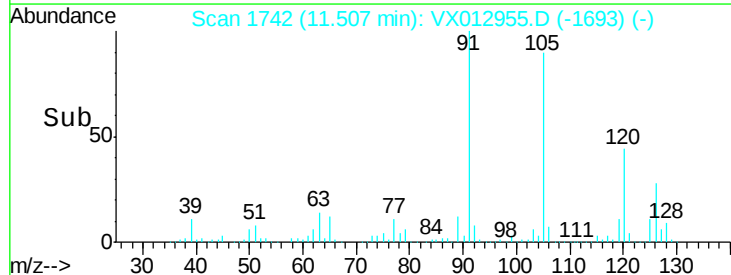
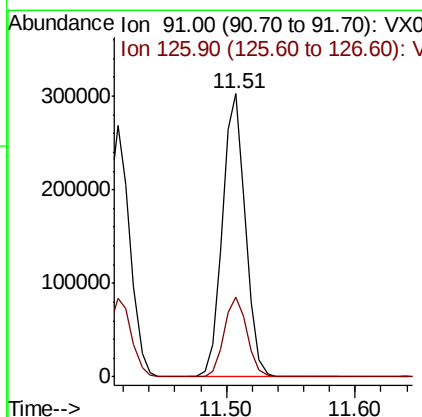
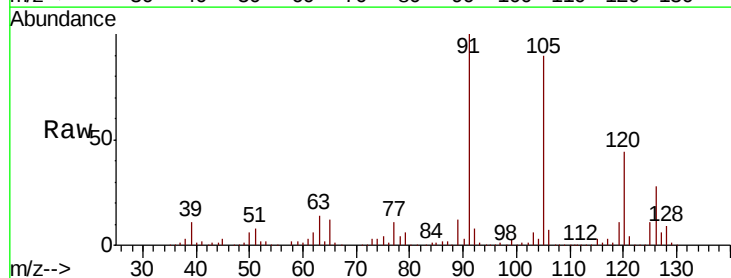
Instrument :
MSVOA_X
ClientSampleId :

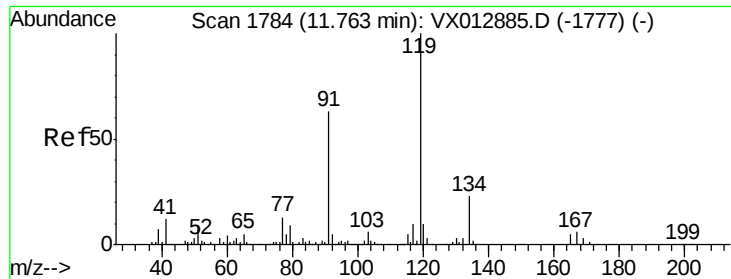
Tot Ion: 75 Resp: 49167
Ion Ratio Lower Upper
75 100
53 96.7 78.5 117.7
89 45.5 37.4 56.2



#82
4-Chlorotoluene
Concen: 53.333 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 91 Resp: 379995
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6

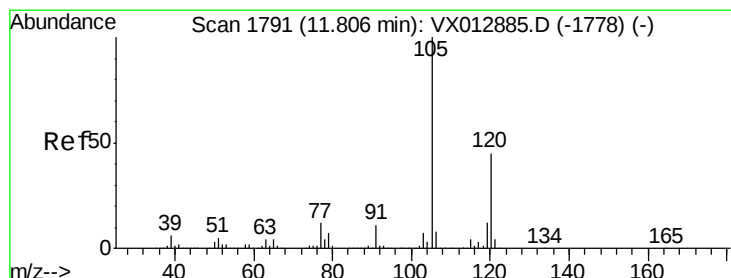
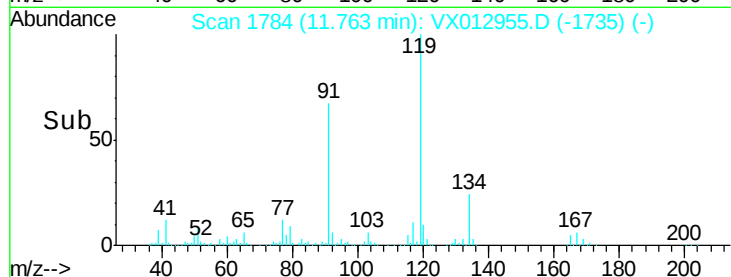
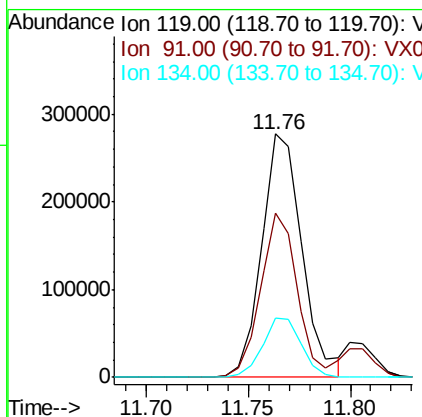
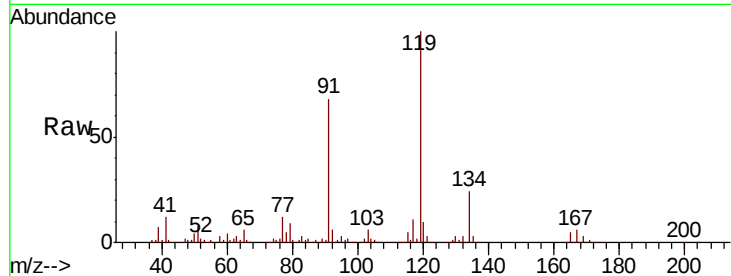




#83
tert-Butylbenzene
Concen: 52.108 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

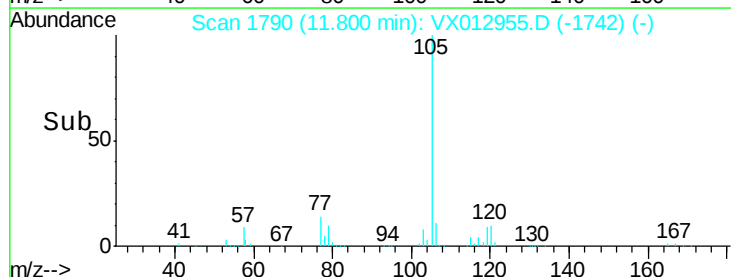
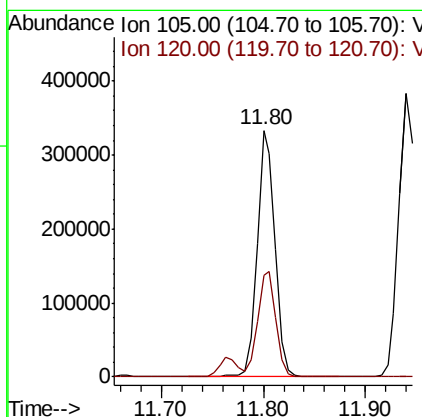
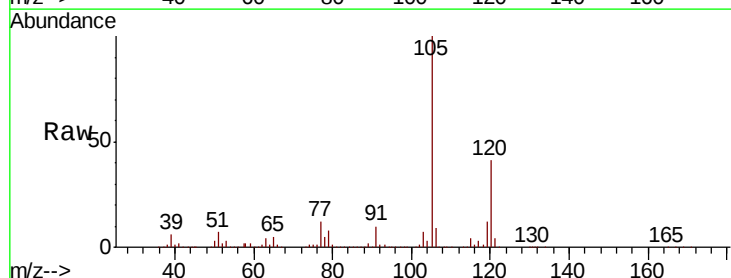
Instrument :
MSVOA_X
ClientSampleId :

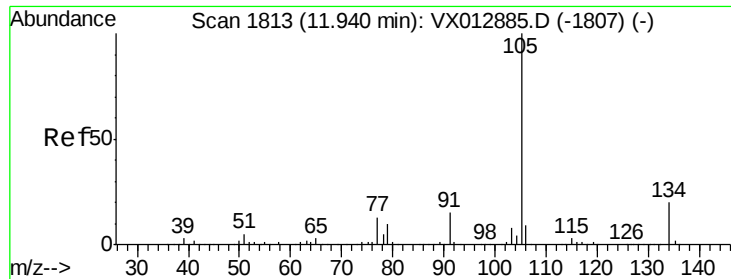
Tot Ion:119 Resp: 381523
Ion Ratio Lower Upper
119 100
91 61.2 29.3 87.9
134 23.4 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 53.778 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:105 Resp: 408799
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 53.604 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

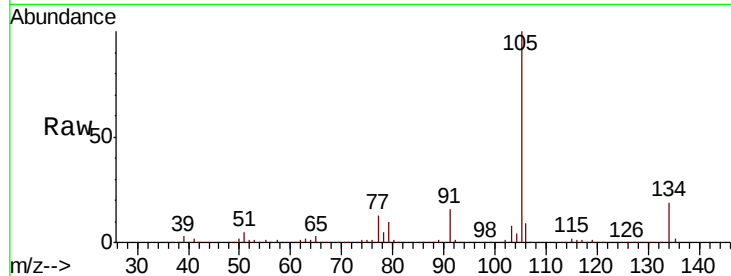
ClientSampleId :

Tot Ion:105 Resp: 454697

Ion Ratio Lower Upper

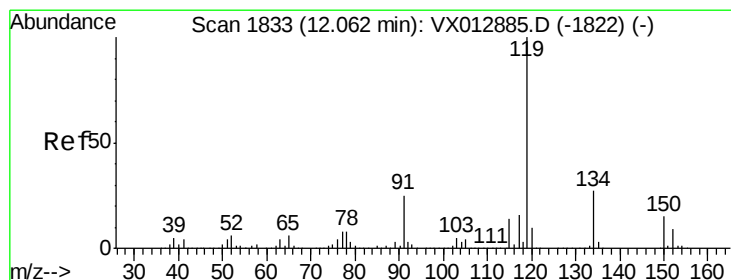
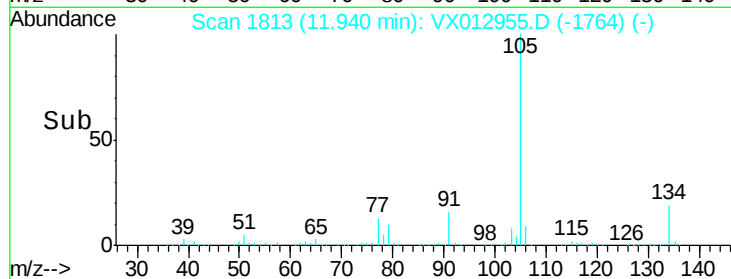
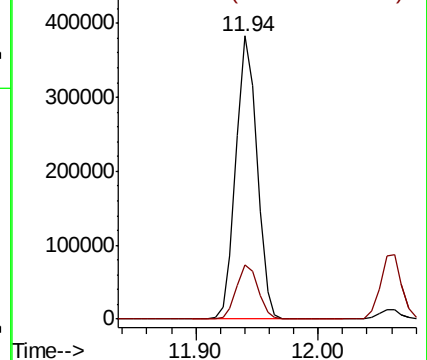
105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.102 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

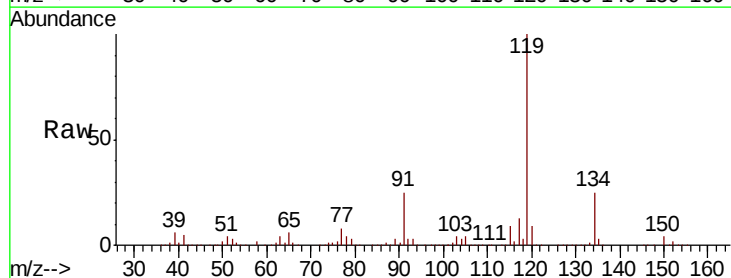
Tgt Ion:119 Resp: 425624

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

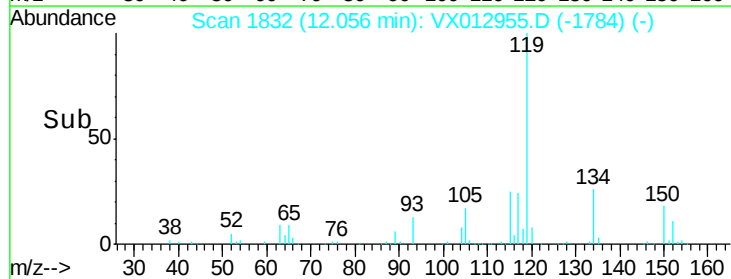
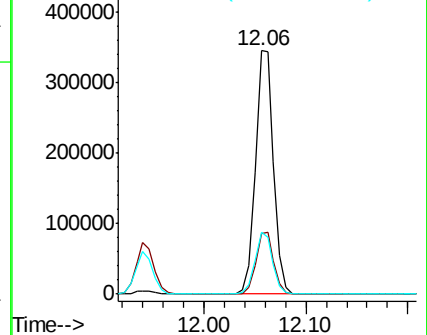
91 24.6 12.4 37.4

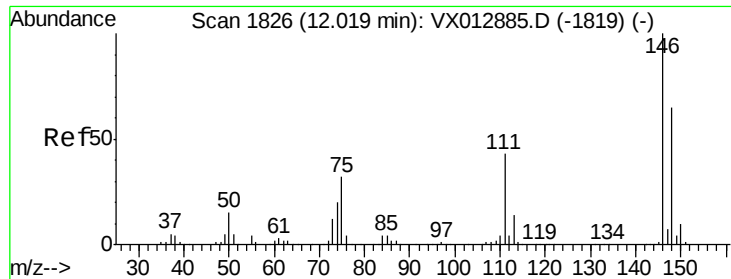


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

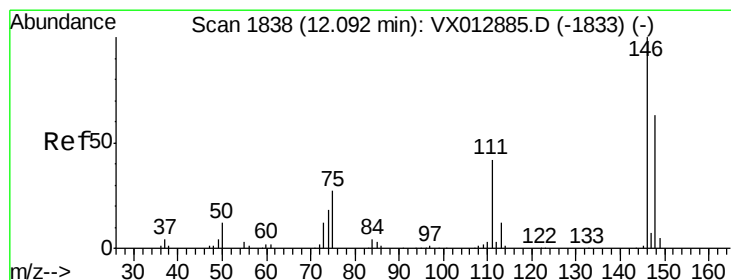
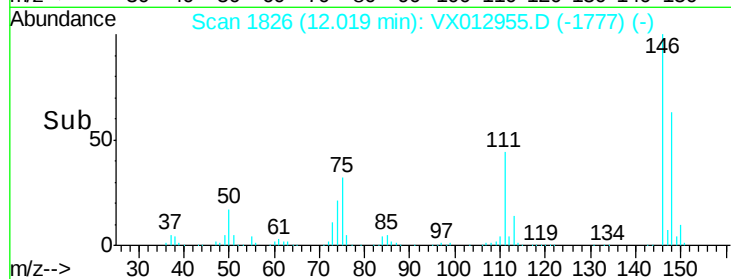
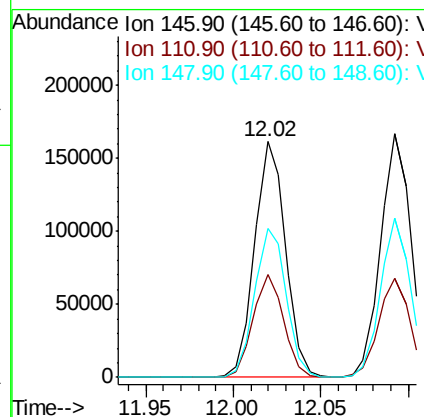
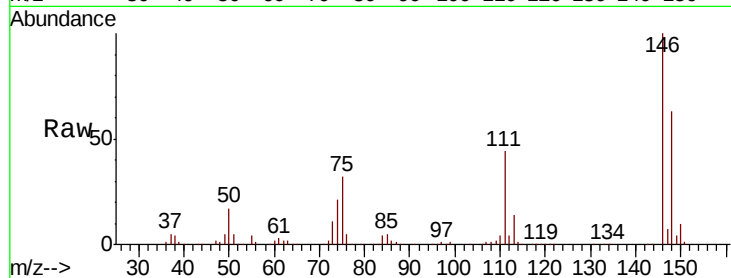




#87
 1,3-Dichlorobenzene
 Concen: 50.783 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

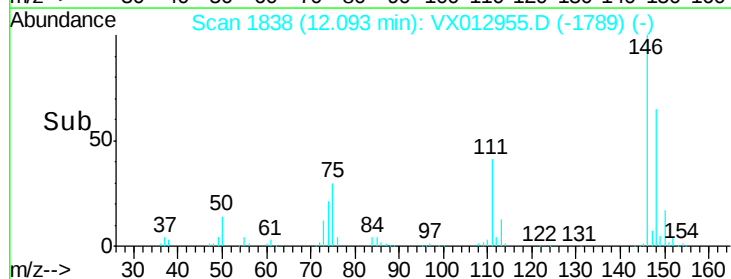
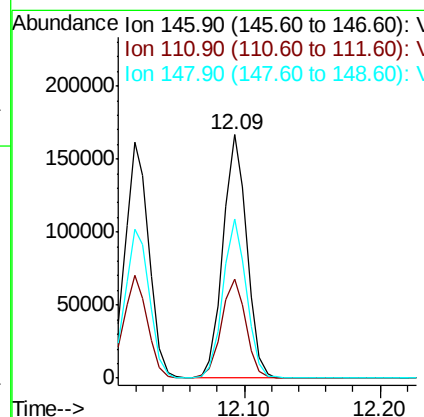
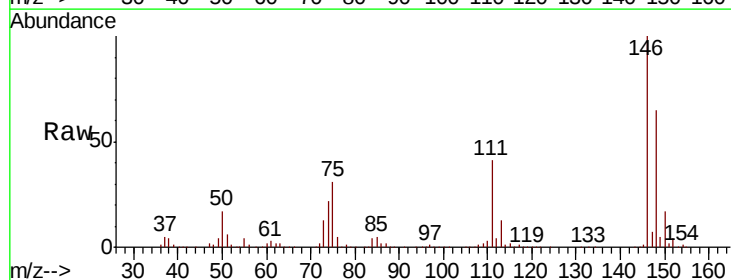
Instrument :
 MSVOA_X
 ClientSampled :

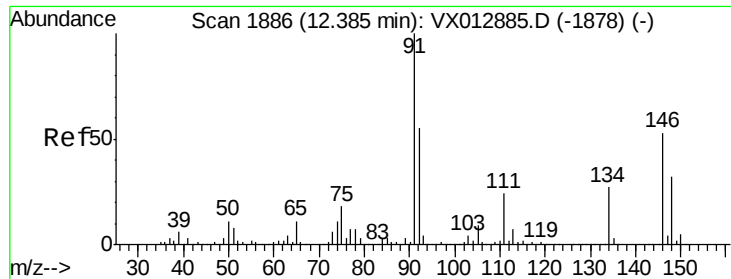
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	64.7	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.714 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	64.8	32.1	96.5

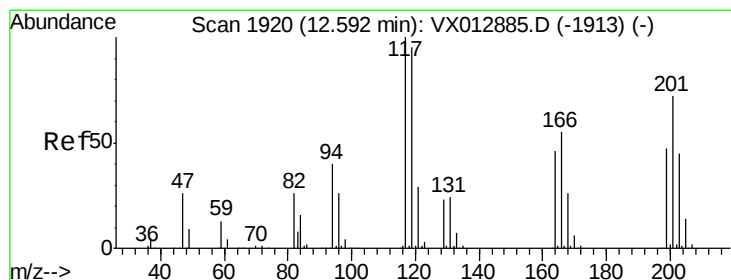
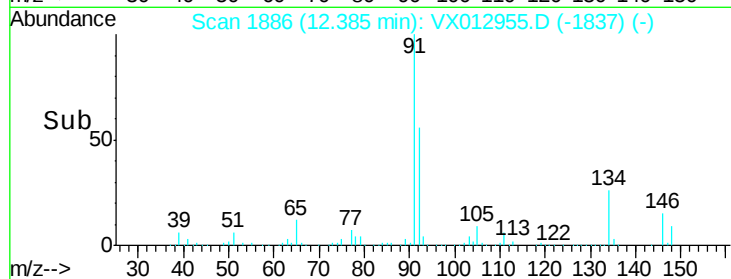
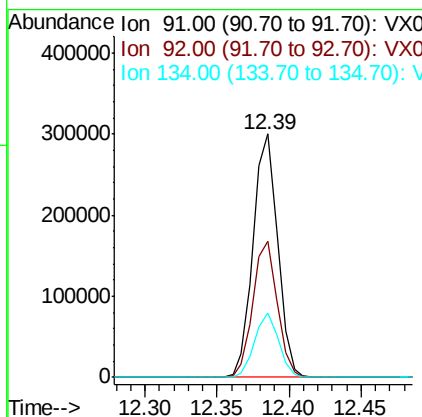
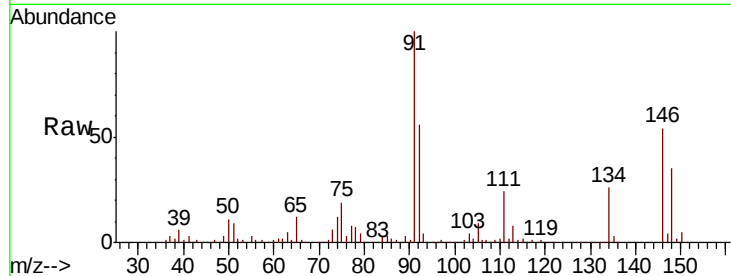




#89
n-Butylbenzene
Concen: 53.244 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

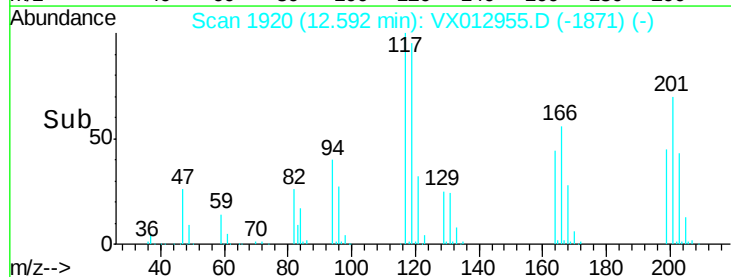
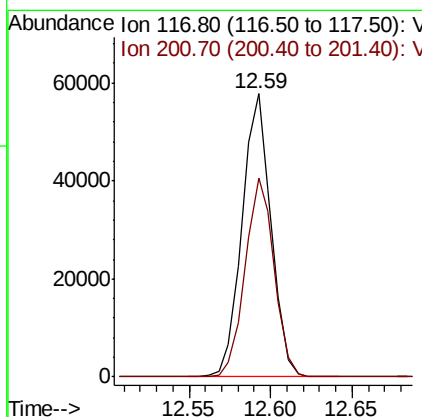
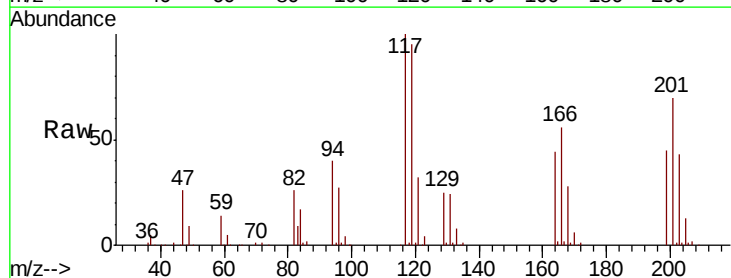
Instrument :
MSVOA_X
ClientSampled :

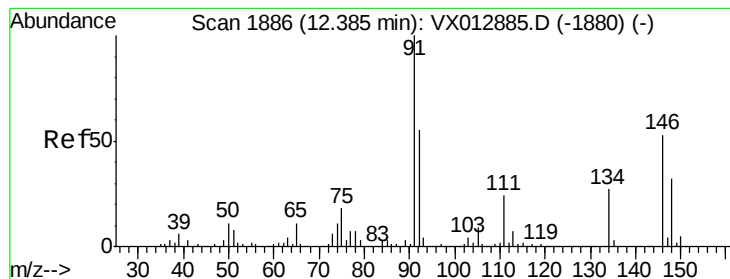
Tot Ion: 91 Resp: 352048
Ion Ratio Lower Upper
91 100
92 55.5 27.5 82.5
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 49.063 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 117 Resp: 71428
Ion Ratio Lower Upper
117 100
201 70.5 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 52.390 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

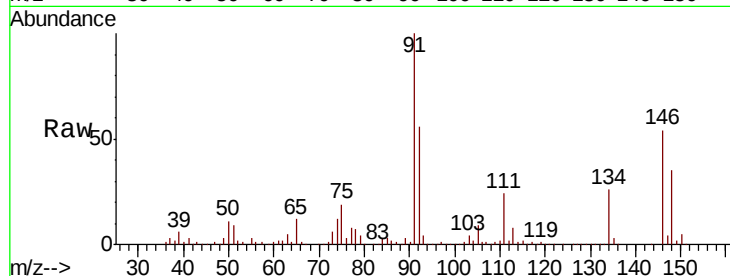
Tot Ion:146 Resp: 202031

Ion Ratio Lower Upper

146 100

111 44.5 22.7 68.0

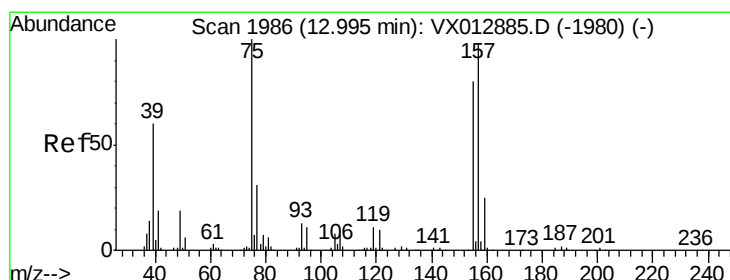
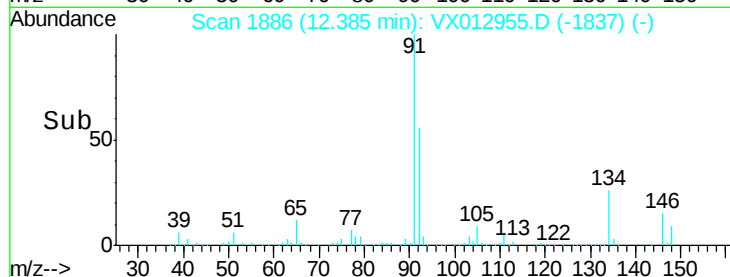
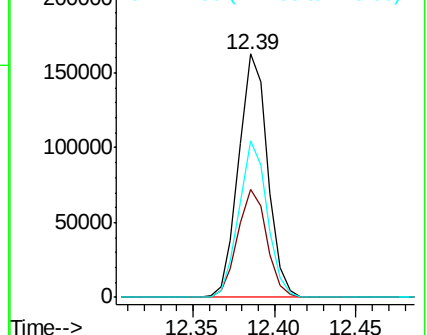
148 63.0 31.6 94.7



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: 55.320 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

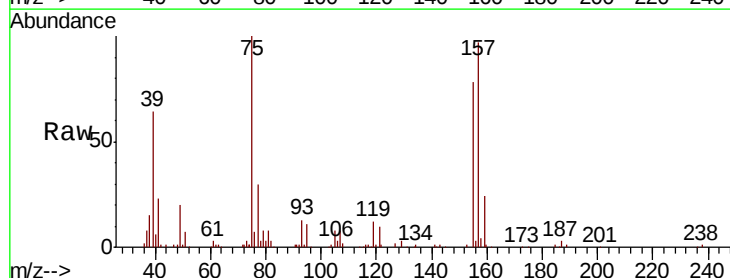
Tgt Ion: 75 Resp: 38765

Ion Ratio Lower Upper

75 100

155 80.6 43.0 128.8

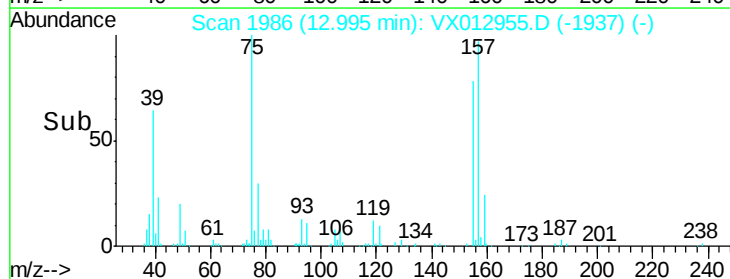
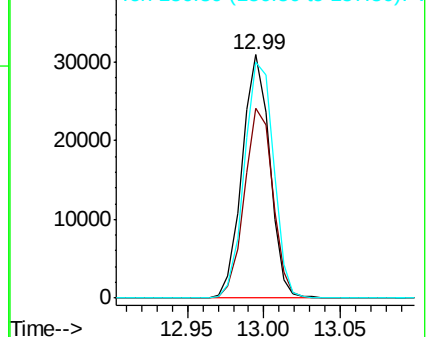
157 102.8 54.1 162.3

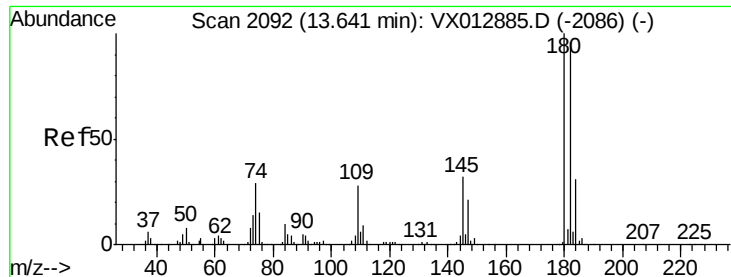


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 52.679 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

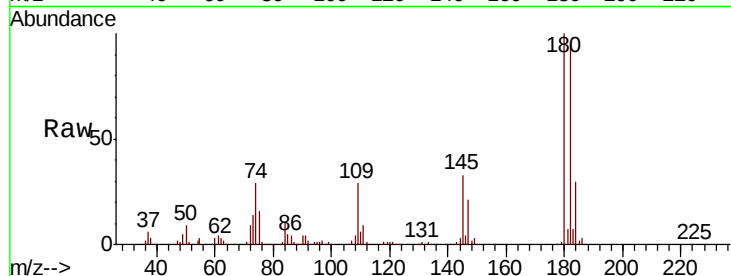
Tot Ion:180 Resp: 127253

Ion Ratio Lower Upper

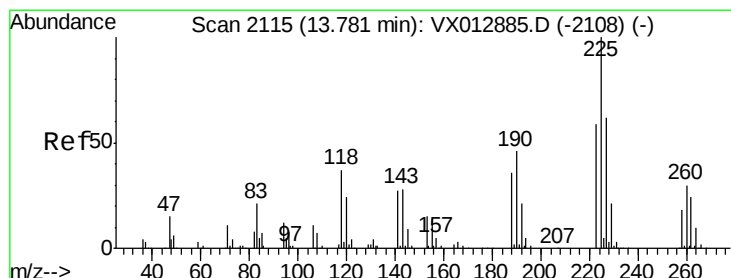
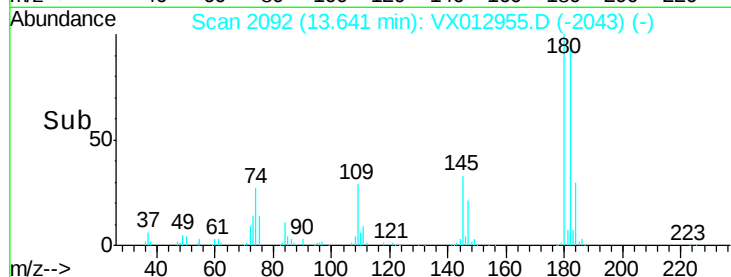
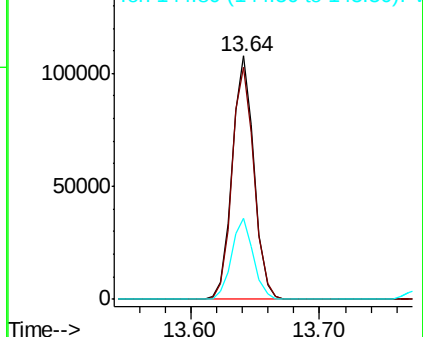
180 100

182 96.6 46.8 140.4

145 33.1 16.2 48.6



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



#94

Hexachlorobutadiene

Concen: 49.788 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

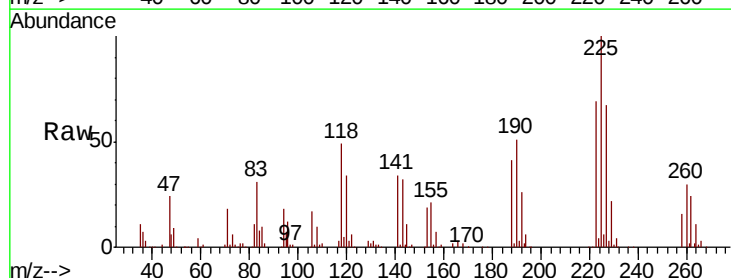
Tgt Ion:225 Resp: 55505

Ion Ratio Lower Upper

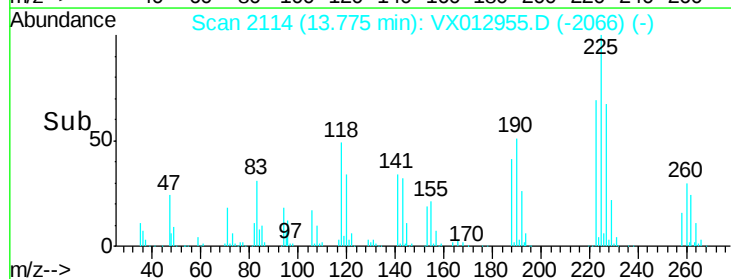
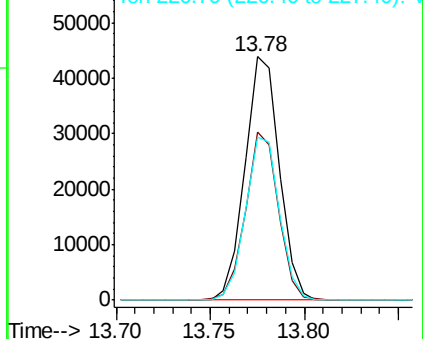
225 100

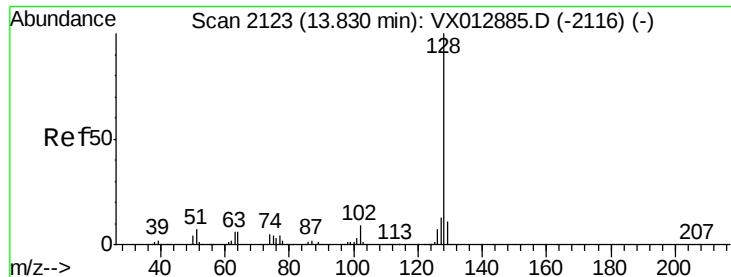
223 65.7 31.1 93.2

227 65.8 32.3 96.9



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

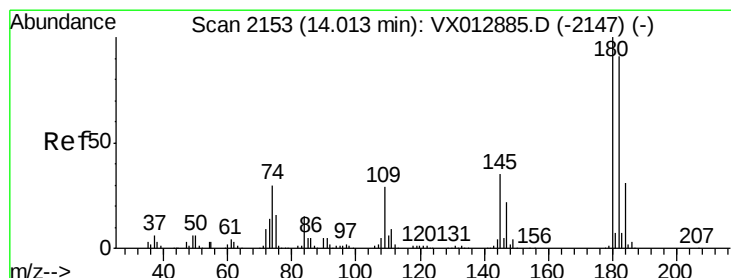
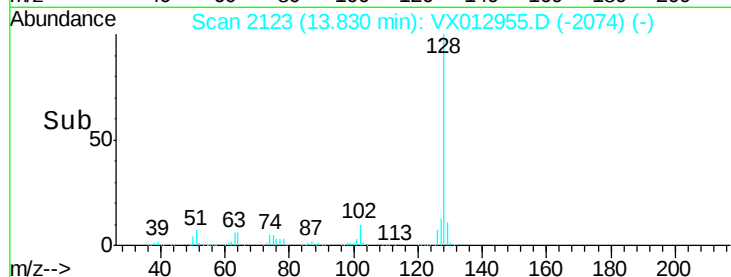
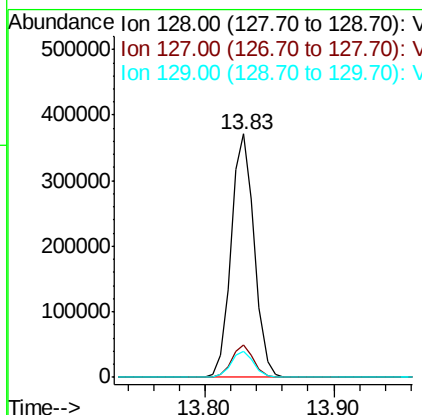
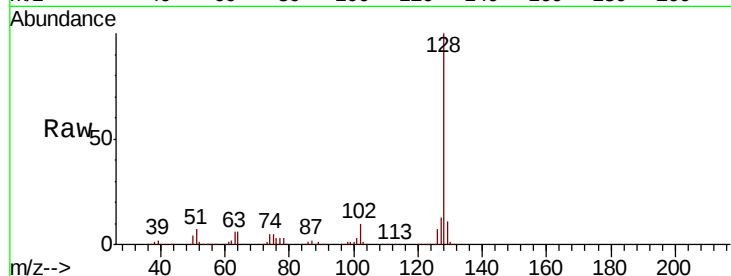




#95
Naphthalene
Concen: 55.622 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 465770
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.187 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:180 Resp: 130276
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 36.1 17.4 52.3

