

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012513.D
 Acq On : 19 Sep 2019 07:20
 Operator : JC/SP
 Sample : K4858-07MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Quant Time: Sep 19 08:43:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	134522	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	99415	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	353433	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	142900	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	60328	48.397	ug/l	99
3) Chloromethane	1.32	50	51710	50.329	ug/l	99
4) Vinyl Chloride	1.40	62	57055	51.379	ug/l	96
5) Bromomethane	1.62	94	16509	37.841	ug/l	97
6) Chloroethane	1.71	64	39391	45.330	ug/l	94
7) Trichlorofluoromethane	1.92	101	105551	51.851	ug/l	100
8) Diethyl Ether	2.18	74	47105	51.231	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74026	50.260	ug/l	100
10) Methyl Iodide	2.50	142	49197	39.908	ug/l	97
11) Tert butyl alcohol	3.03	59	161995	238.221	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61973	52.745	ug/l	97
13) Acrolein	2.28	56	56793	241.417	ug/l	98
14) Allyl chloride	2.72	41	134332	49.108	ug/l	100
15) Acrylonitrile	3.13	53	300506	258.908	ug/l	99
16) Acetone	2.43	43	277728	226.173	ug/l	100
17) Carbon Disulfide	2.56	76	73224	44.281	ug/l	99
18) Methyl Acetate	2.76	43	140497	50.339	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339703	53.027	ug/l	100
20) Methylene Chloride	2.85	84	83236	51.349	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	64388	52.772	ug/l	97
22) Diisopropyl ether	3.84	45	337052	52.624	ug/l	99
23) Vinyl Acetate	3.80	43	1402571	266.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162295	52.960	ug/l	98
25) 2-Butanone	4.65	43	436296	234.829	ug/l	99
26) 2,2-Dichloropropane	4.57	77	93389	30.986	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	96921	53.176	ug/l	91
28) Bromochloromethane	5.00	49	77381	48.979	ug/l	99
29) Tetrahydrofuran	5.11	42	263478	256.703	ug/l	99
30) Chloroform	5.20	83	178476	50.711	ug/l	99
31) Cyclohexane	5.57	56	94058	50.845	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	148138	50.360	ug/l	99
36) 1,1-Dichloropropene	5.79	75	96385	49.111	ug/l	97
37) Ethyl Acetate	4.82	43	157464	52.269	ug/l	99
38) Carbon Tetrachloride	5.78	117	120739	49.465	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95767	50.195	ug/l	96
40) Benzene	6.13	78	319285	51.160	ug/l	97
41) Methacrylonitrile	5.03	41	93979	48.448	ug/l	98
42) 1,2-Dichloroethane	6.18	62	145547	50.282	ug/l	100
43) Isopropyl Acetate	6.43	43	268636	49.683	ug/l	99
44) Trichloroethene	7.21	130	631259	384.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	97099	50.641	ug/l	95
46) Dibromomethane	7.65	93	62827	50.635	ug/l	99
47) Bromodichloromethane	7.89	83	141719	51.297	ug/l	98
48) Methyl methacrylate	7.76	41	128709	50.498	ug/l	99
49) 1,4-Dioxane	7.73	88	59304	956.000	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	880708	248.376	ug/l	99
52) Toluene	8.78	92	207303	51.549	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138286	48.153	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	142733	48.008	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105847	51.088	ug/l	98
56) Ethyl methacrylate	9.17	69	167398	51.677	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171036	51.741	ug/l	99
59) 2-Hexanone	9.49	43	664169	240.087	ug/l	98
60) Dibromochloromethane	9.58	129	112823	53.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100310	53.012	ug/l	100
64) Tetrachloroethene	9.33	164	72437	54.776	ug/l	93
65) Chlorobenzene	10.14	112	242558	50.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	103812	52.514	ug/l	100
67) Ethyl Benzene	10.25	91	418091	51.090	ug/l	100
68) m/p-Xylenes	10.35	106	304746	102.348	ug/l	100
69) o-Xylene	10.70	106	159225	51.998	ug/l	100
70) Styrene	10.71	104	285517	52.699	ug/l	99
71) Bromoform	10.85	173	76462	45.214	ug/l	97
73) Isopropylbenzene	11.01	105	442973	51.397	ug/l	99
74) N-amyl acetate	10.89	43	239906	51.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174651	51.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	193449	61.309	ug/l	86
77) Bromobenzene	11.25	156	110693	52.663	ug/l	99
78) n-propylbenzene	11.35	91	487784	50.780	ug/l	100
79) 2-Chlorotoluene	11.42	91	311341	49.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377330	51.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44532	39.443	ug/l	95
82) 4-Chlorotoluene	11.51	91	361589	50.416	ug/l	100
83) tert-Butylbenzene	11.77	119	394097	50.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	383613	50.830	ug/l	99
85) sec-Butylbenzene	11.94	105	432537	49.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	397183	49.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200652	50.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201508	49.614	ug/l	99
89) n-Butylbenzene	12.38	91	330137	46.428	ug/l	98
90) Hexachloroethane	12.59	117	74119	50.722	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	211553	51.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44182	50.407	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	131032	49.226	ug/l	100

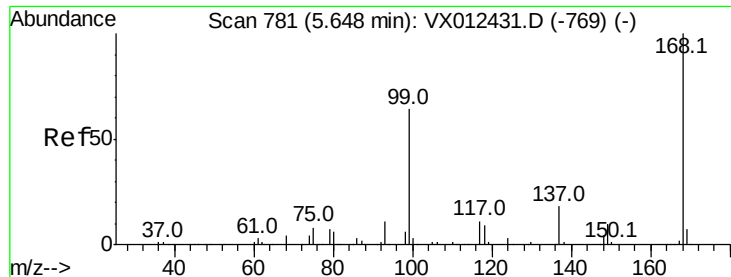
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	54973	43.818	ug/l	99
95) Naphthalene	13.83	128	485030	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136234	50.225	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. 0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

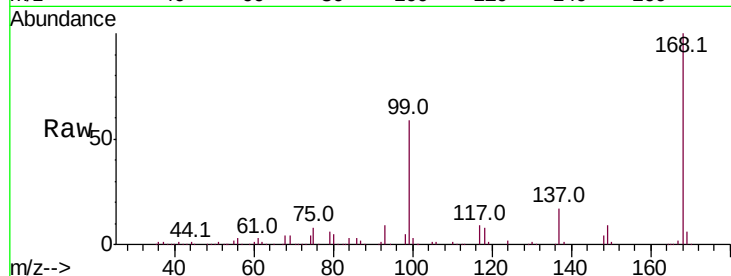
RE122D2-20190909MS

Tot Ion:168 Resp: 186885

Ion Ratio Lower Upper

168 100

99 58.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

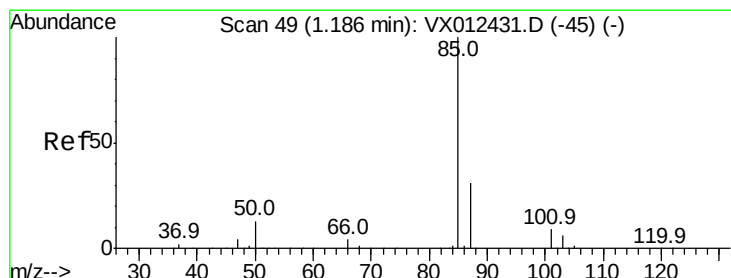
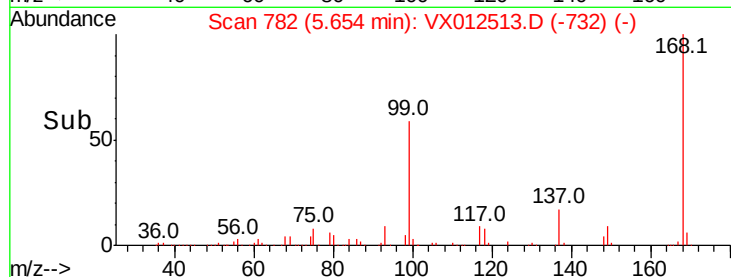
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.397 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012513.D

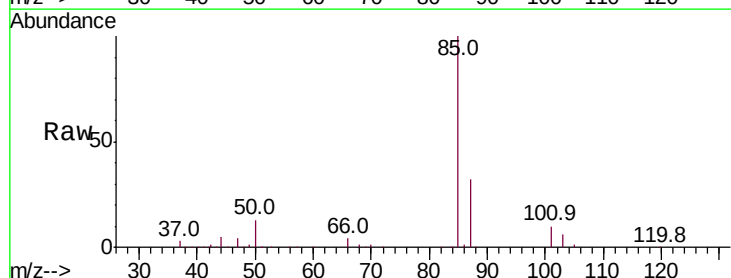
Acq: 19 Sep 2019 07:20

Tgt Ion: 85 Resp: 60328

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

30000

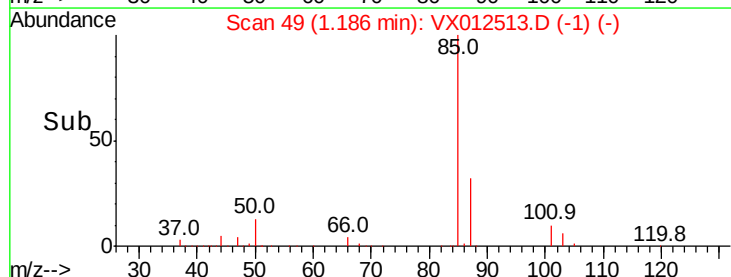
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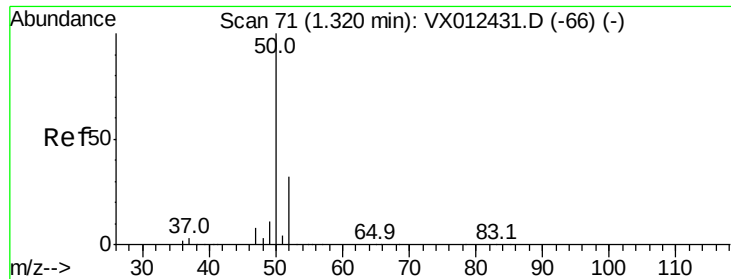
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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.329 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

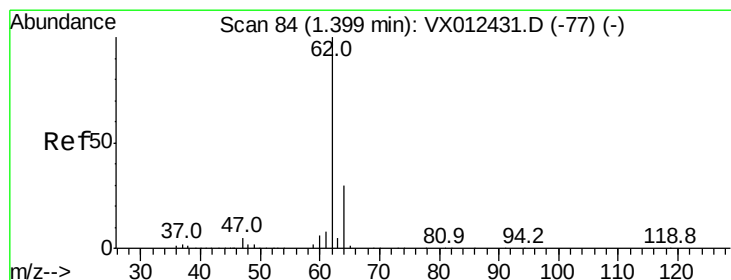
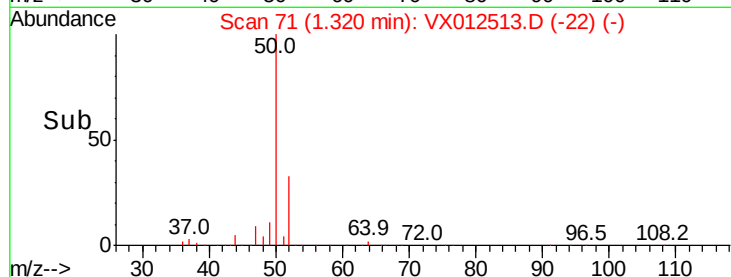
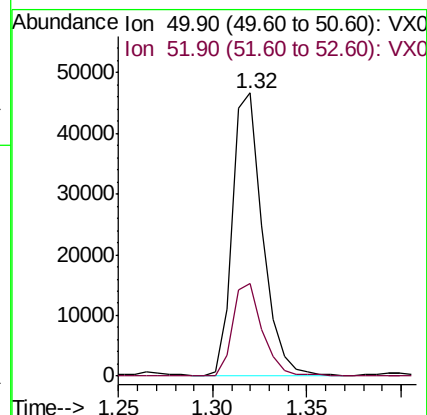
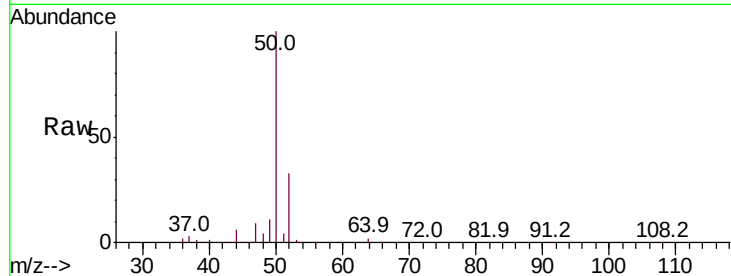
RE122D2-20190909MS

Tot Ion: 50 Resp: 51710

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 51.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012513.D

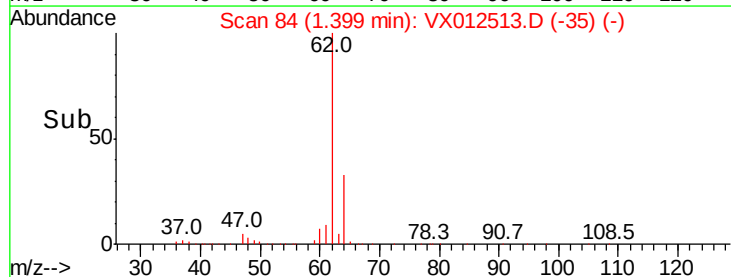
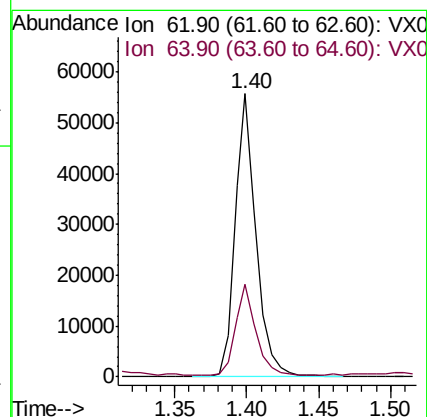
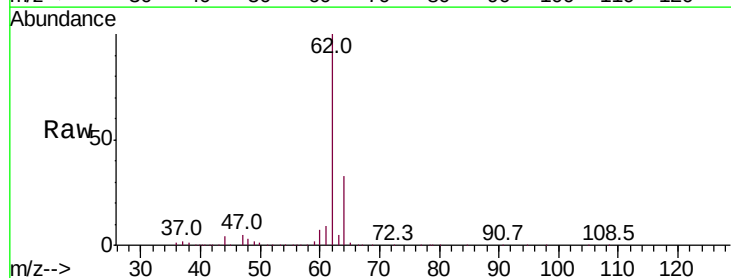
Acq: 19 Sep 2019 07:20

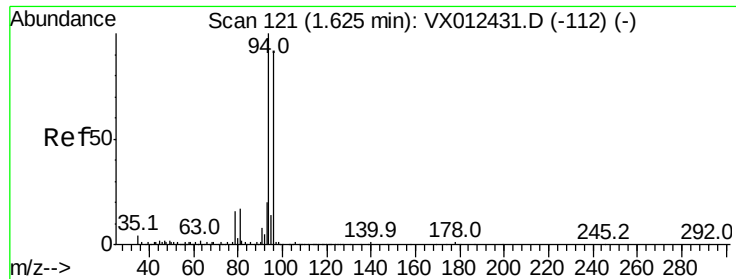
Tgt Ion: 62 Resp: 57055

Ion Ratio Lower Upper

62 100

64 32.2 24.2 36.2





#5

Bromomethane

Concen: 37.841 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

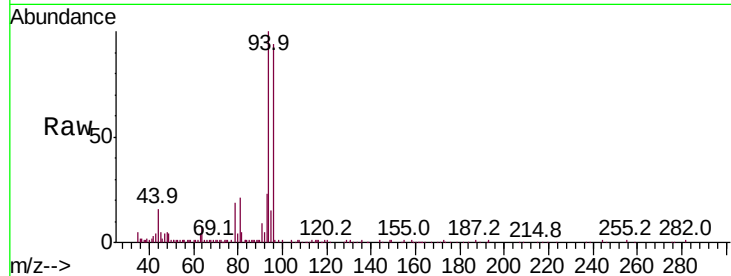
RE122D2-20190909MS

Tot Ion: 94 Resp: 16509

Ion Ratio Lower Upper

94 100

96 93.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

15000

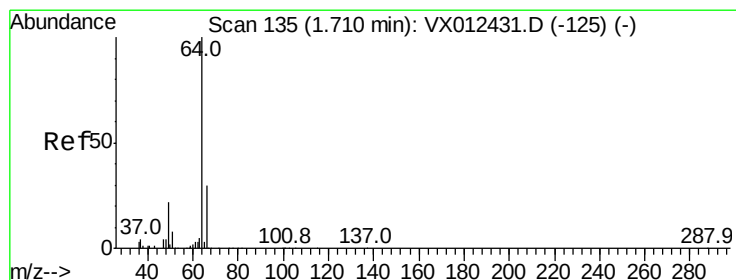
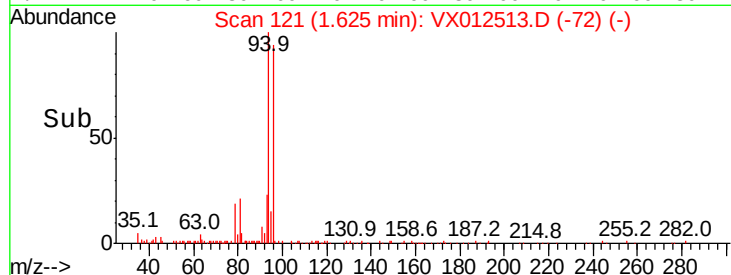
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5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 45.330 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012513.D

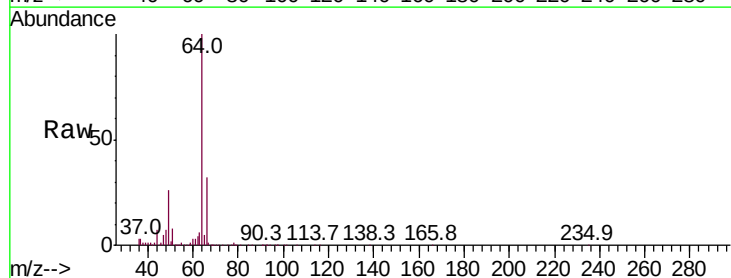
Acq: 19 Sep 2019 07:20

Tgt Ion: 64 Resp: 39391

Ion Ratio Lower Upper

64 100

66 33.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

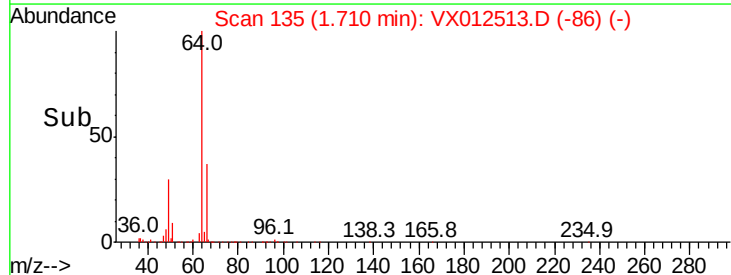
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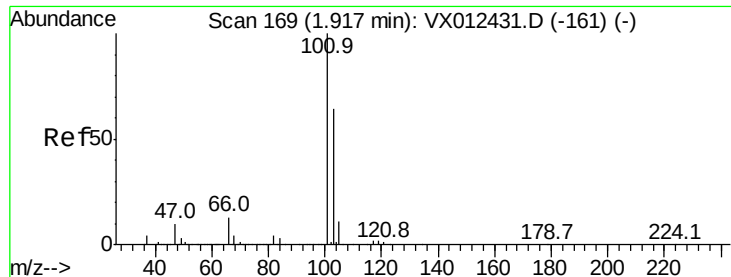
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0

1.65 1.70 1.75 1.80

Time-->



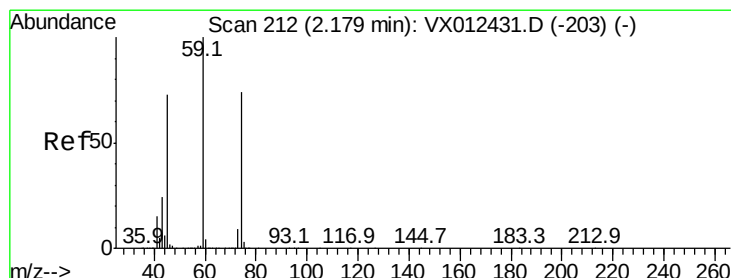
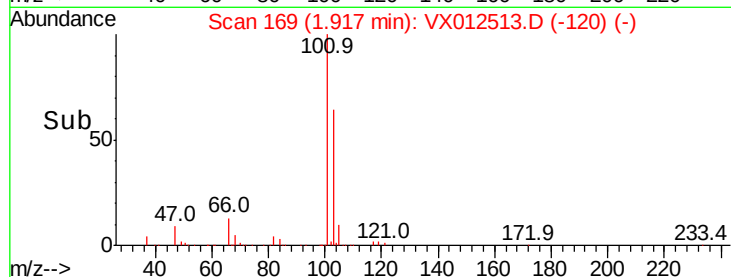
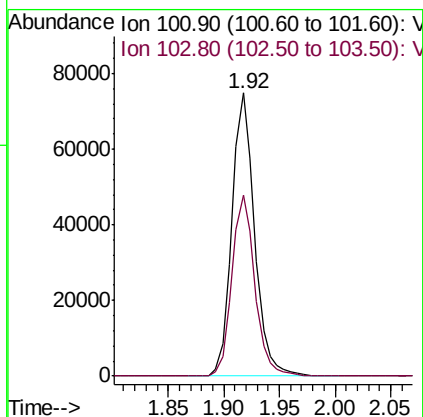
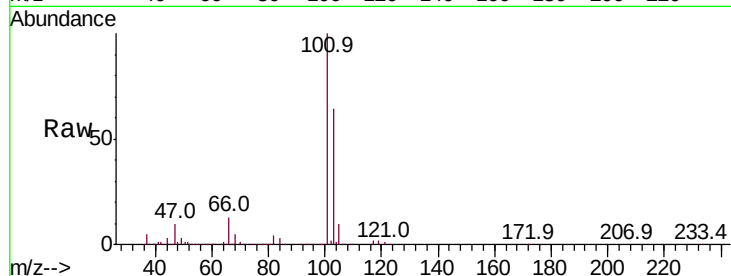


#7

Trichlorofluoromethane
Concen: 51.851 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012513.D
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Instrument :
MSVOA_X
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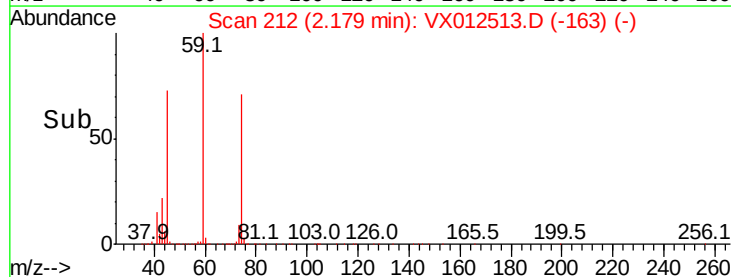
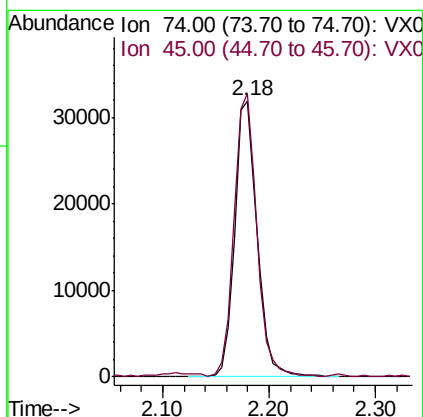
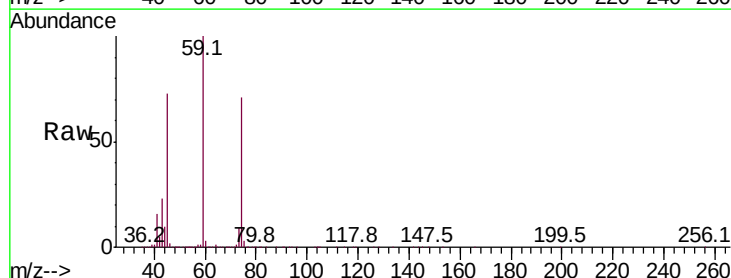
Tot Ion:101 Resp: 105551
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.4

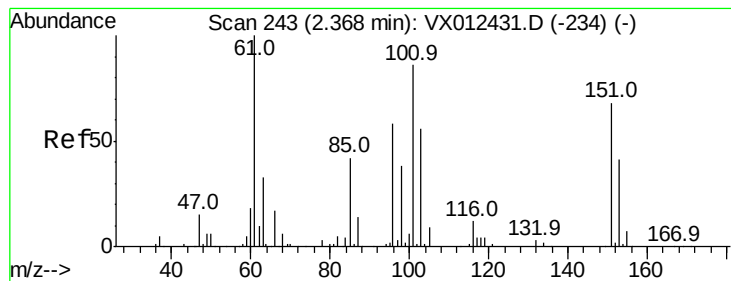


#8

Diethyl Ether
Concen: 51.231 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 74 Resp: 47105
Ion Ratio Lower Upper
74 100
45 103.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.260 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

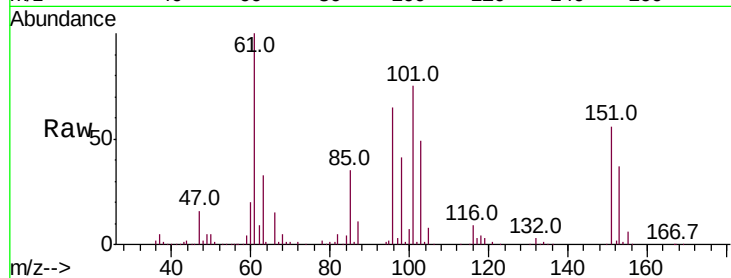
Tot Ion:101 Resp: 74026

Ion Ratio Lower Upper

101 100

85 46.3 37.3 55.9

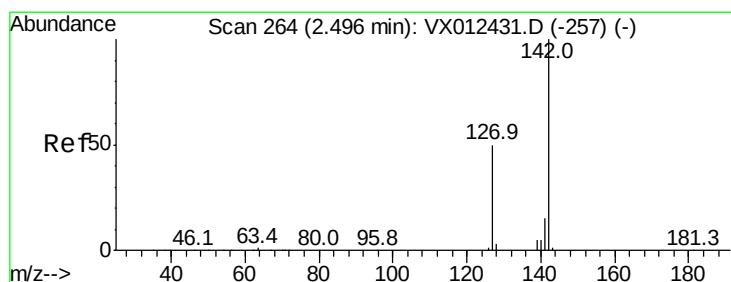
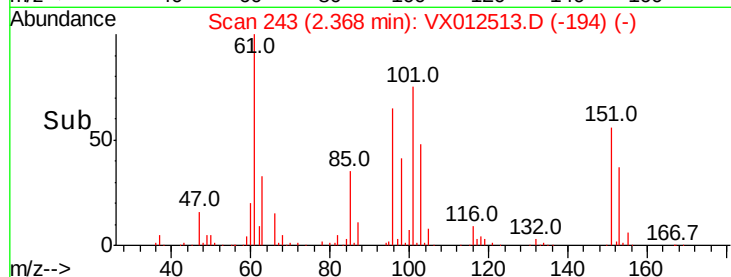
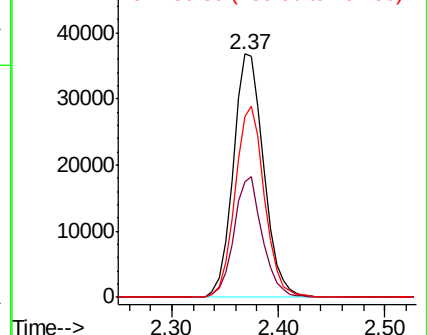
151 76.0 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.908 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

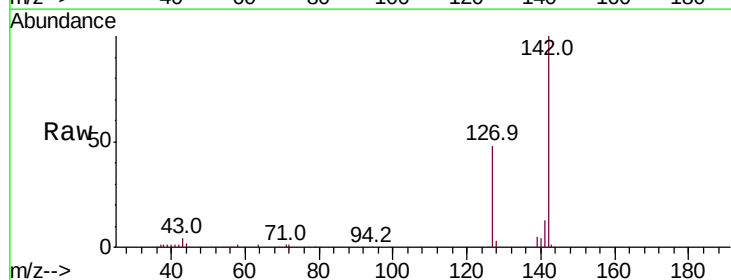
Tgt Ion:142 Resp: 49197

Ion Ratio Lower Upper

142 100

127 48.4 40.8 61.2

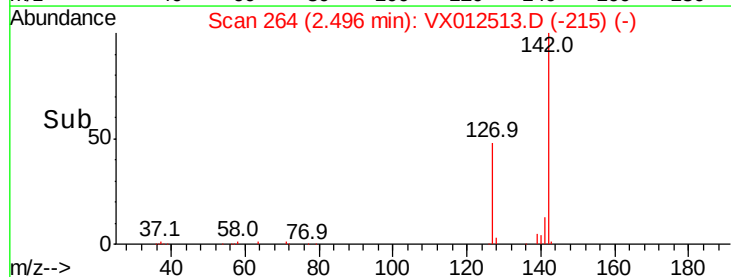
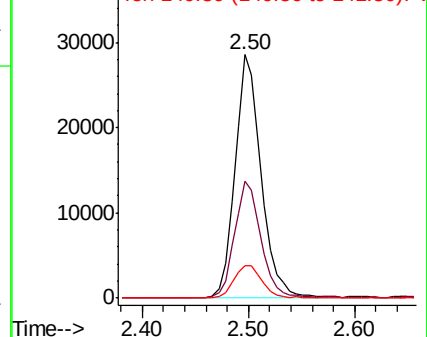
141 14.7 12.1 18.1

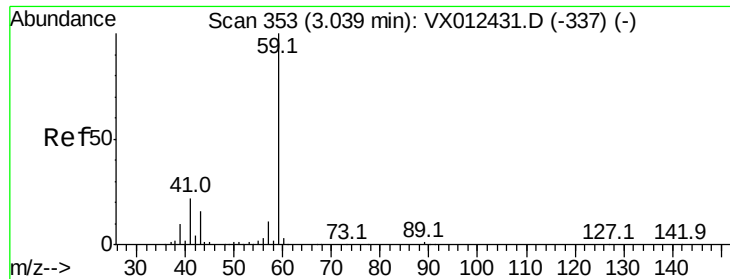


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



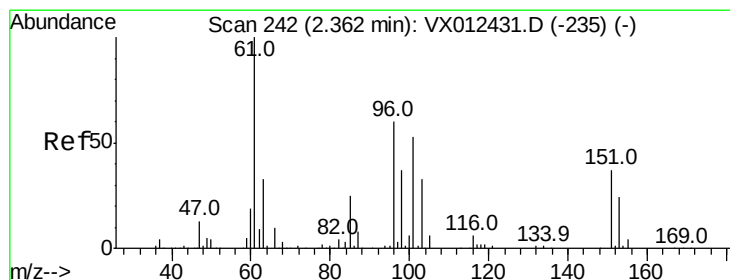
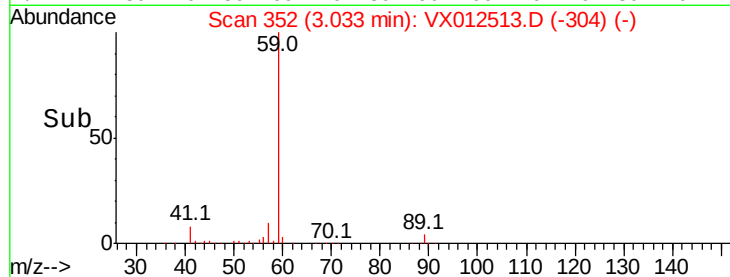
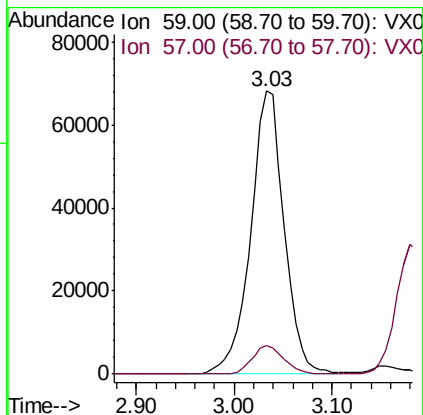
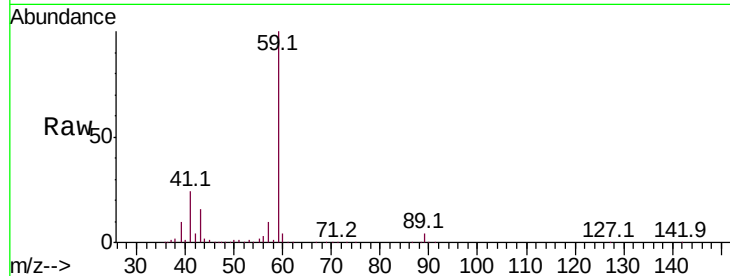


#11

Tert butyl alcohol
 Concen: 238.221 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

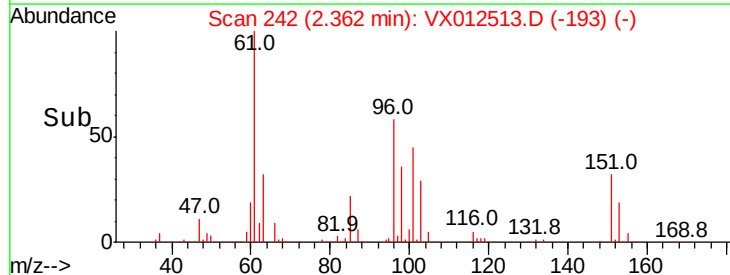
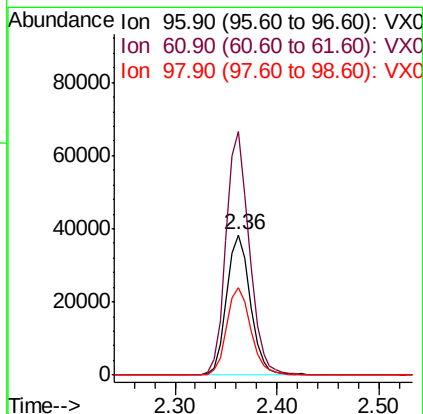
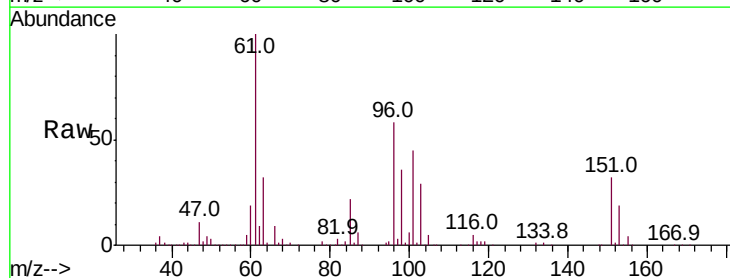
Tot Ion: 59 Resp: 161995
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

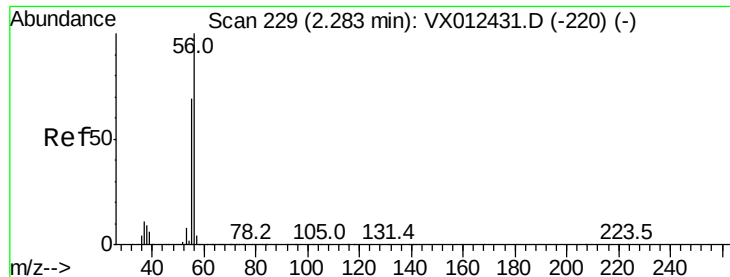


#12

1,1-Dichloroethene
 Concen: 52.745 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 96 Resp: 61973
 Ion Ratio Lower Upper
 96 100
 61 173.3 133.8 200.6
 98 61.9 49.9 74.9





#13

Acrolein

Concen: 241.417 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

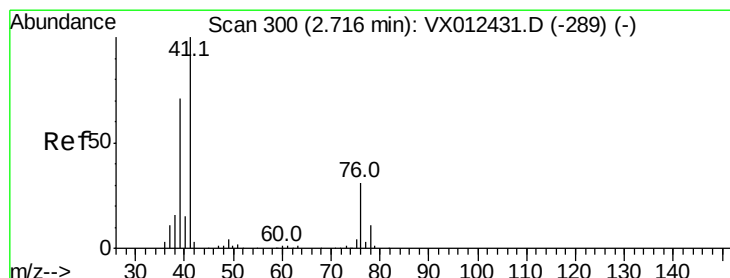
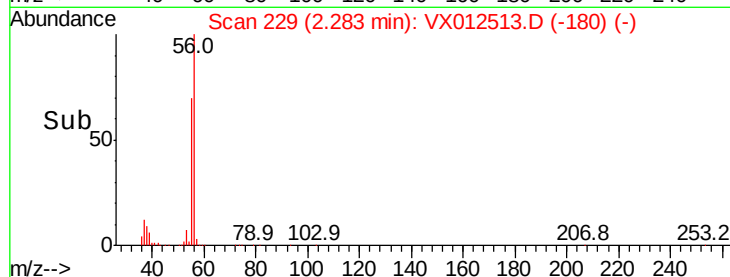
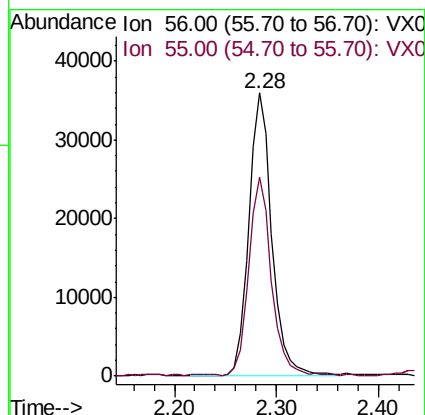
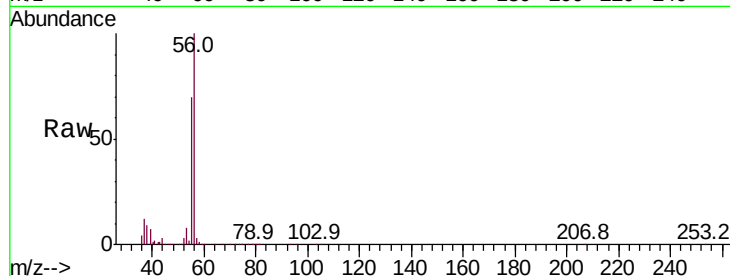
RE122D2-20190909MS

Tot Ion: 56 Resp: 56793

Ion Ratio Lower Upper

56 100

55 68.1 55.8 83.8



#14

Allyl chloride

Concen: 49.108 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

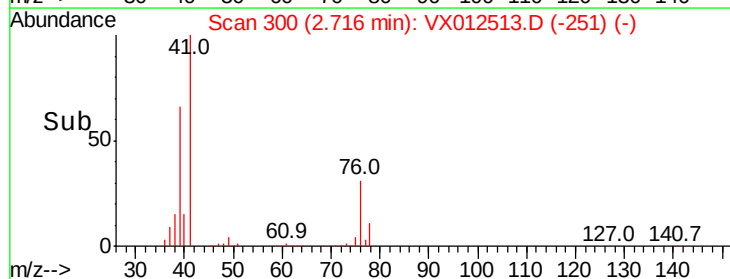
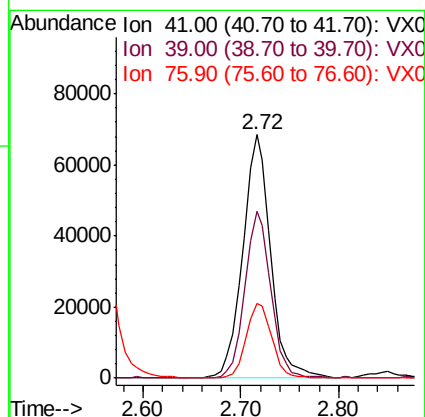
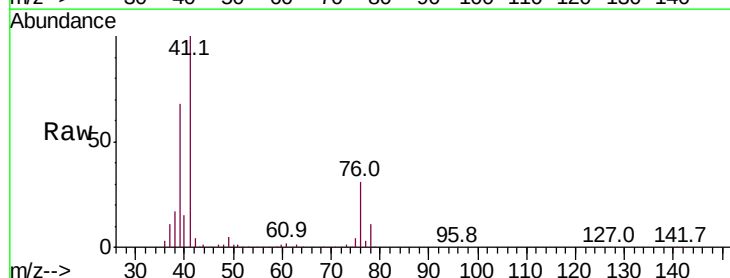
Tgt Ion: 41 Resp: 134332

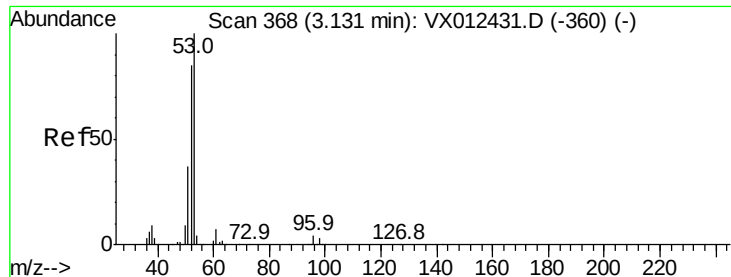
Ion Ratio Lower Upper

41 100

39 64.4 51.3 76.9

76 28.2 22.6 33.8





#15

Acrylonitrile

Concen: 258.908 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

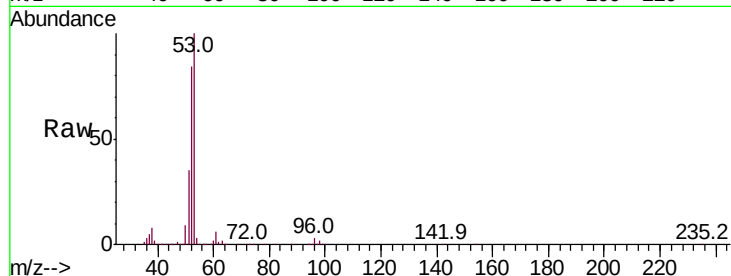
Tot Ion: 53 Resp: 300506

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

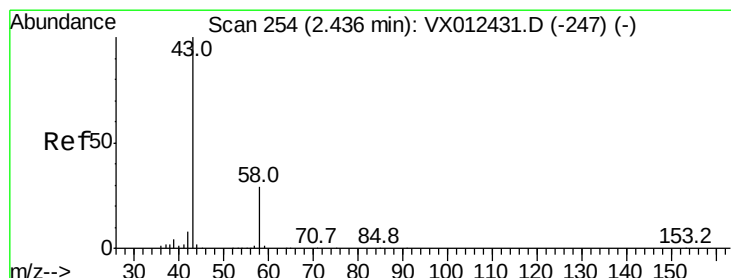
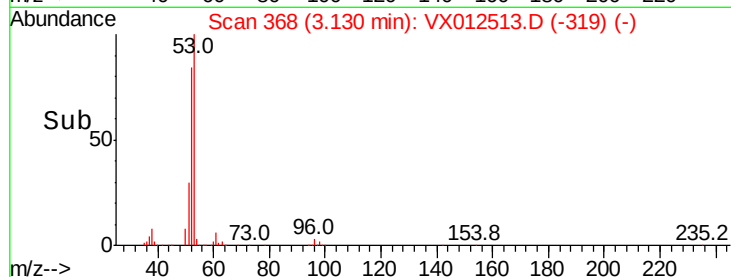
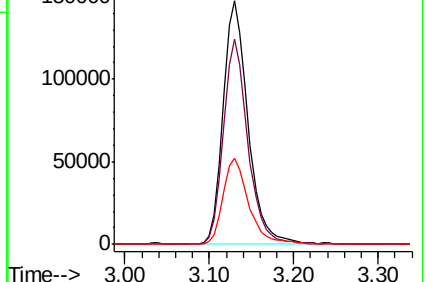
51 36.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.173 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012513.D

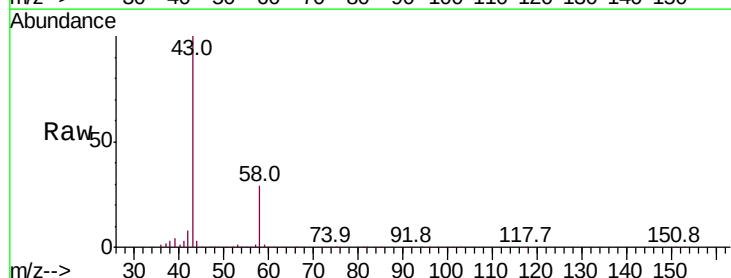
Acq: 19 Sep 2019 07:20

Tgt Ion: 43 Resp: 277728

Ion Ratio Lower Upper

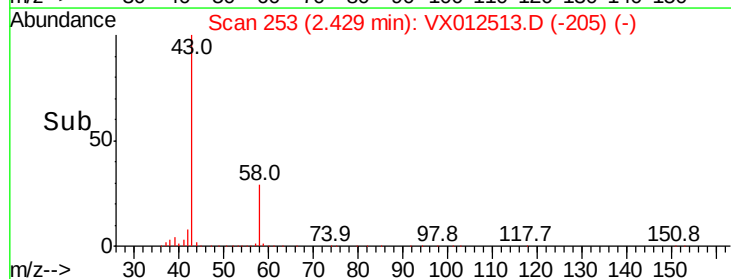
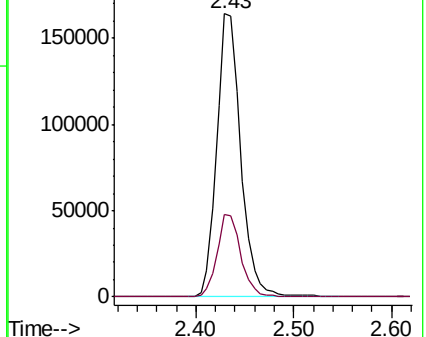
43 100

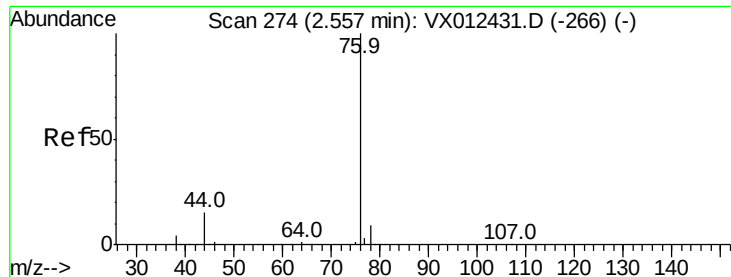
58 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

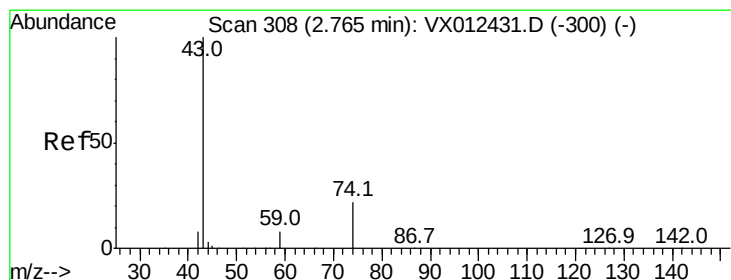
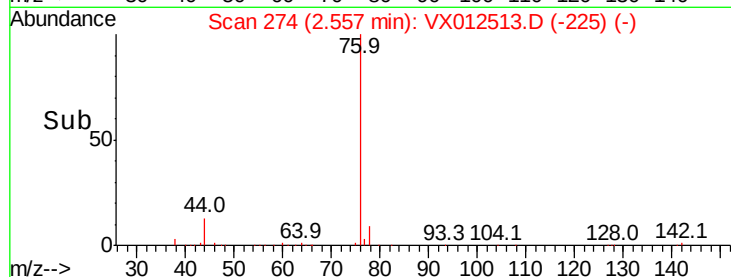
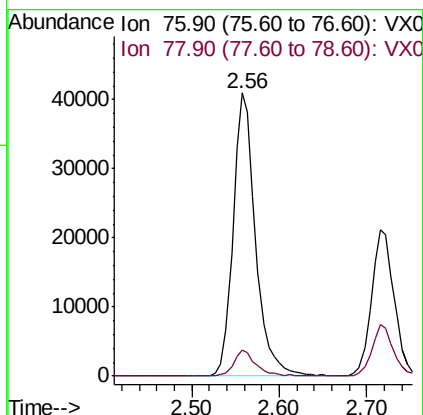
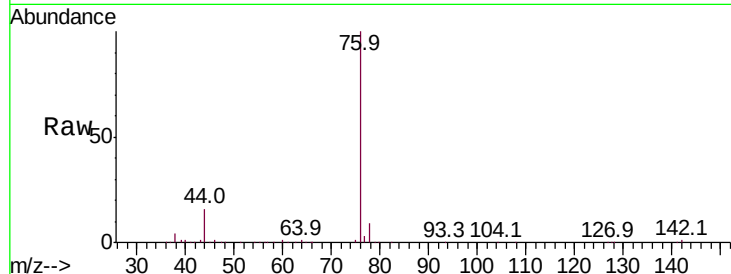




#17
Carbon Disulfide
Concen: 44.281 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

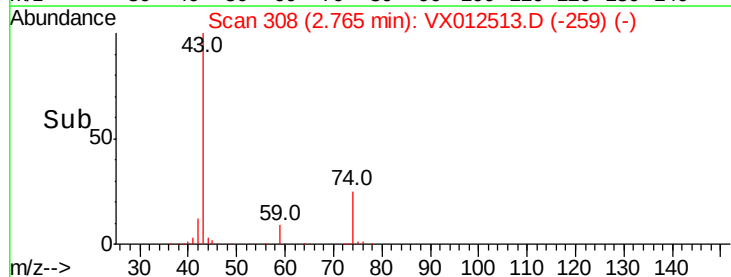
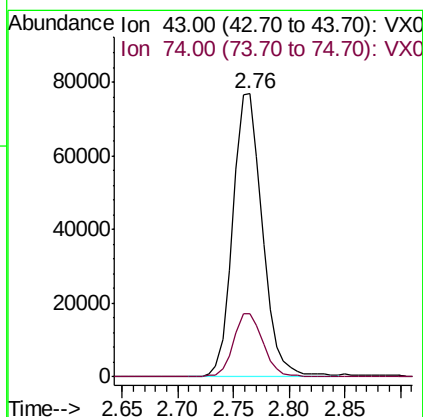
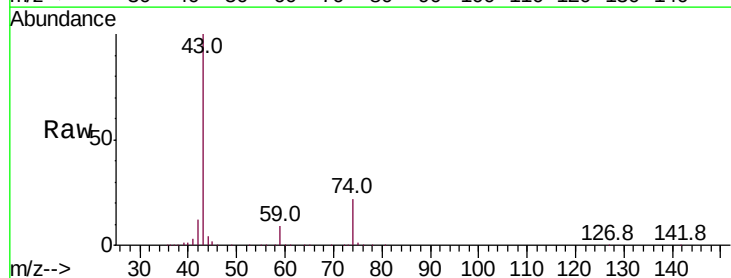
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

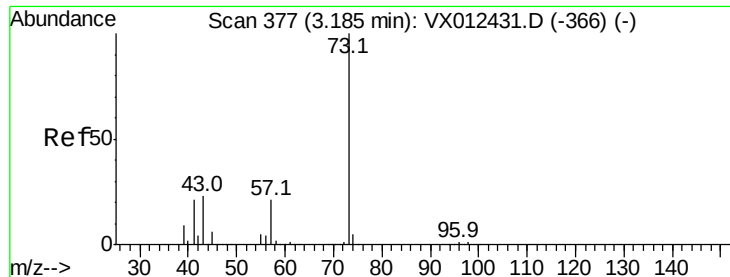
Tot Ion: 76 Resp: 73224
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 50.339 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 43 Resp: 140497
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5

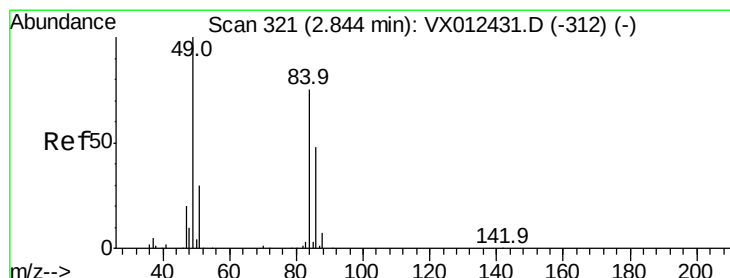
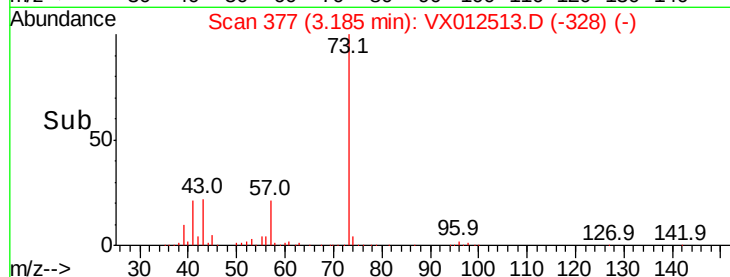
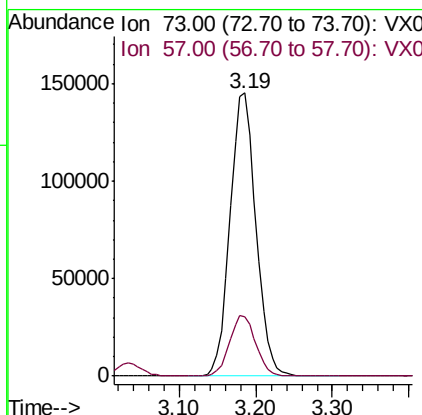
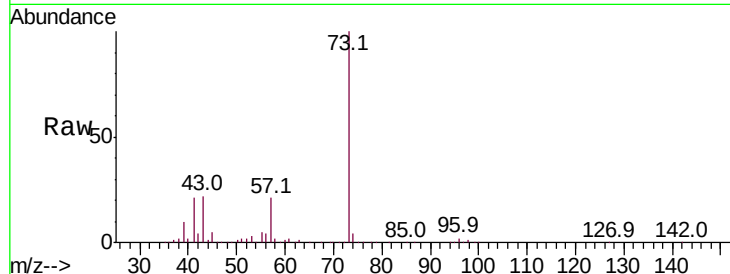




#19
Methyl tert-butyl Ether
Concen: 53.027 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

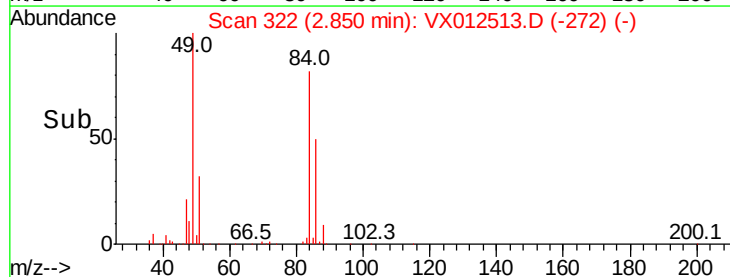
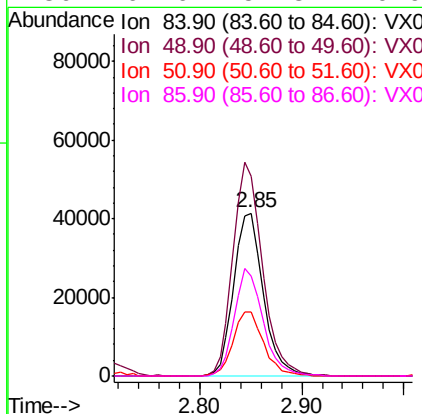
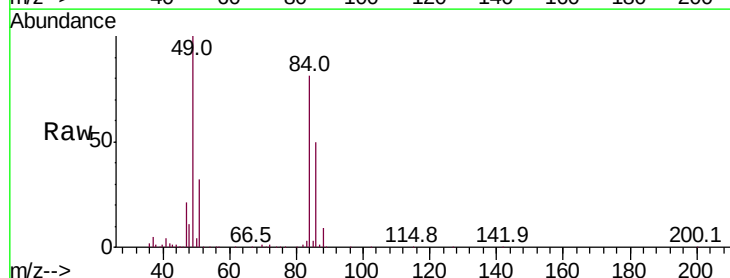
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

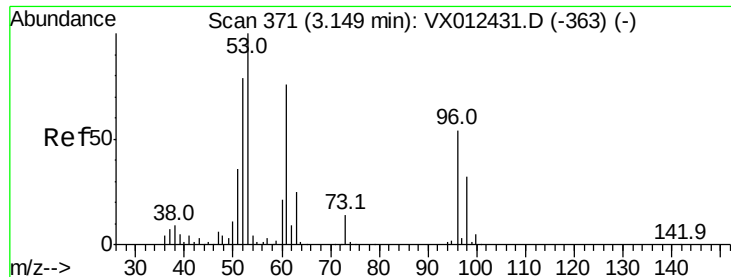
Tot Ion: 73 Resp: 339703
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2



#20
Methylene Chloride
Concen: 51.349 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 84 Resp: 83236
Ion Ratio Lower Upper
84 100
49 122.8 106.8 160.2
51 39.0 32.3 48.5
86 61.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.772 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

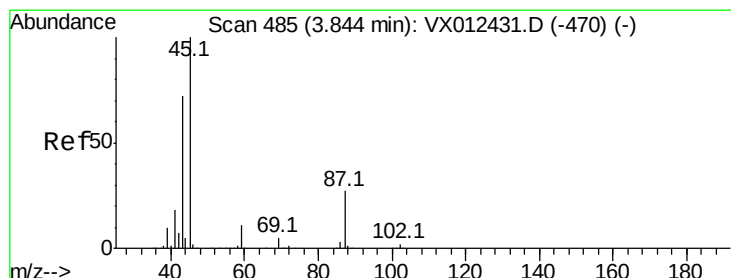
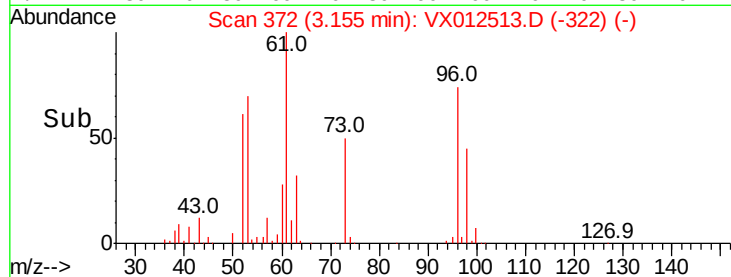
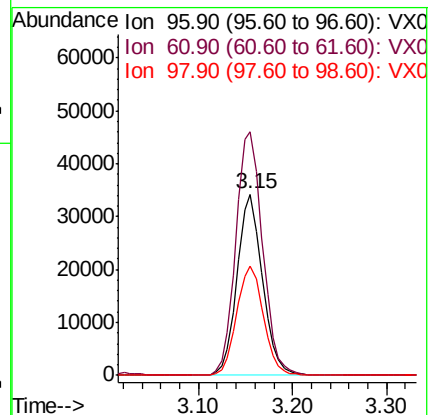
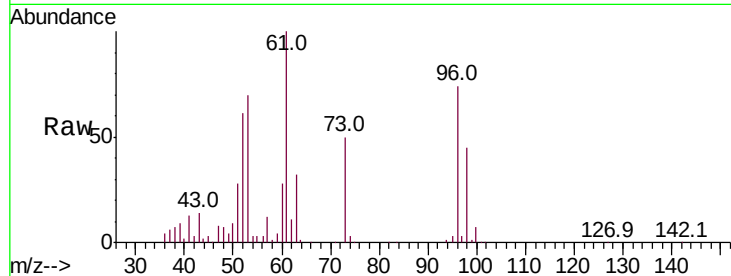
Tot Ion: 96 Resp: 64388

Ion Ratio Lower Upper

96 100

61 134.6 112.0 168.0

98 60.3 47.8 71.8



#22

Diisopropyl ether

Concen: 52.624 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion: 45 Resp: 337052

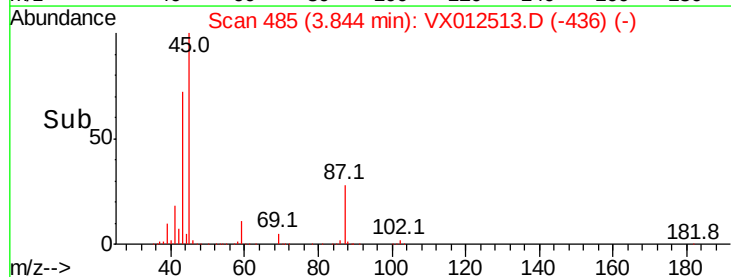
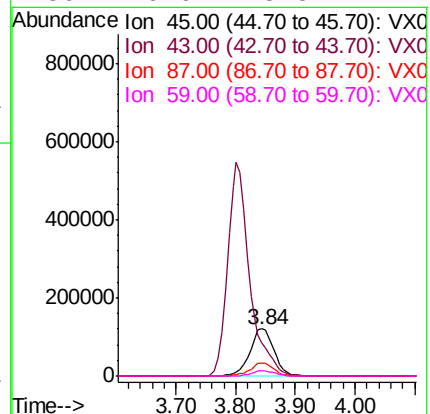
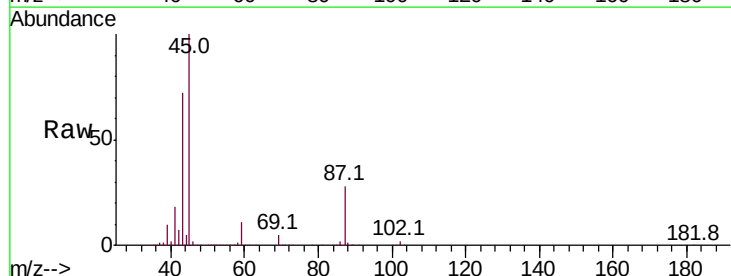
Ion Ratio Lower Upper

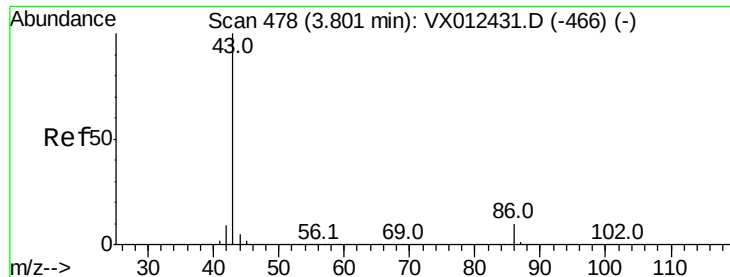
45 100

43 71.6 57.8 86.8

87 28.1 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 266.208 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

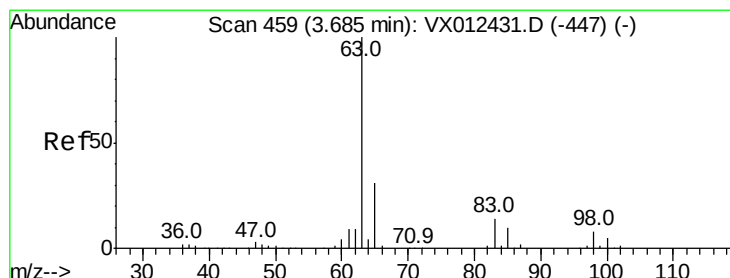
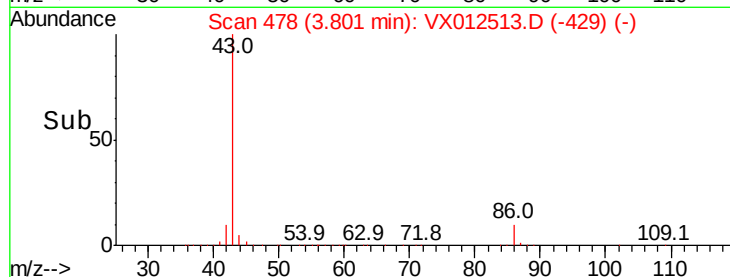
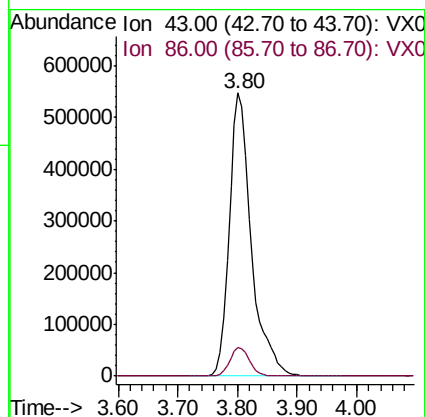
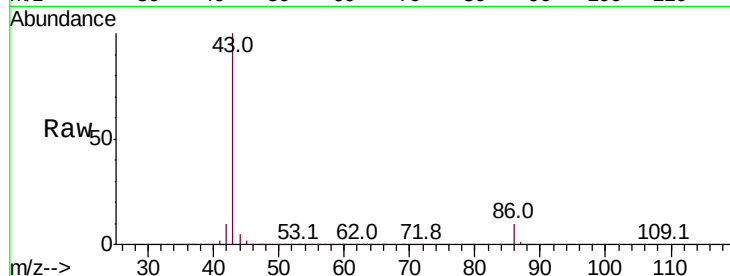
RE122D2-20190909MS

Tot Ion: 43 Resp: 1402571

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 52.960 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

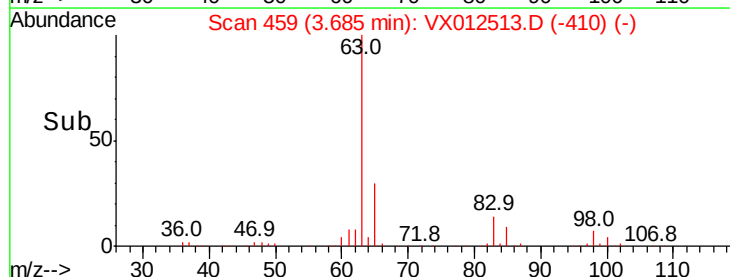
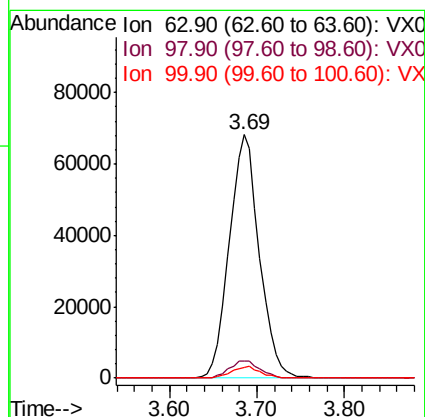
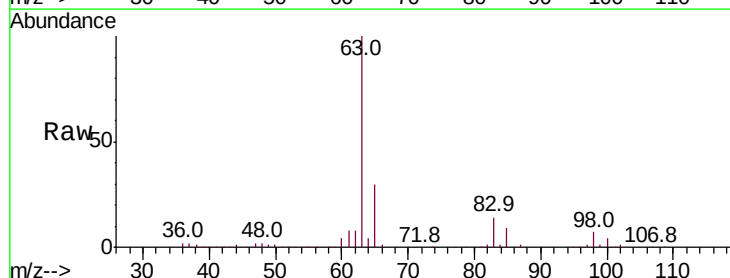
Tgt Ion: 63 Resp: 162295

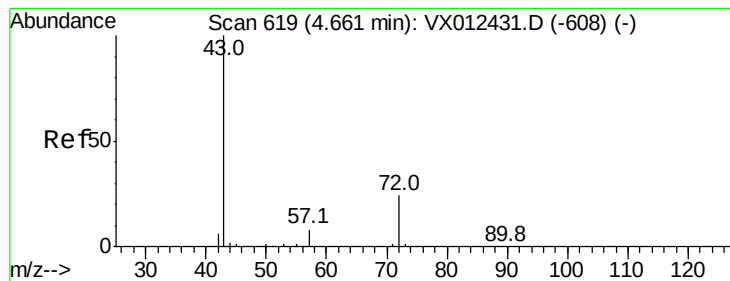
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 234.829 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

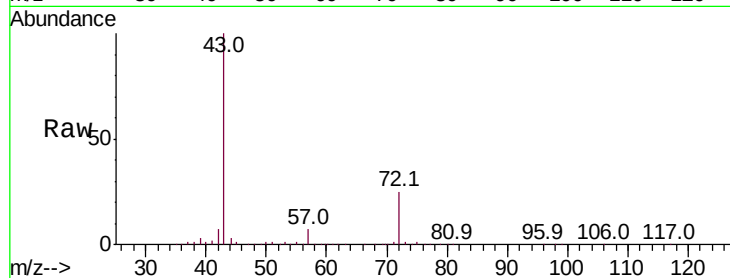
RE122D2-20190909MS

Tot Ion: 43 Resp: 436296

Ion Ratio Lower Upper

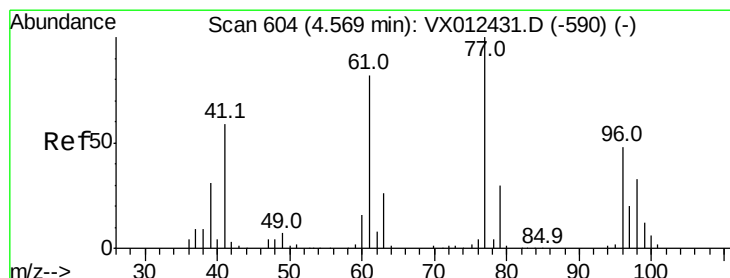
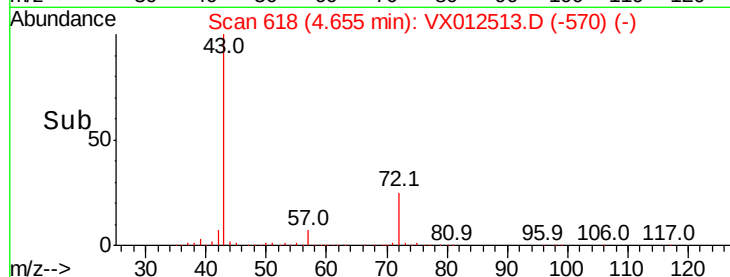
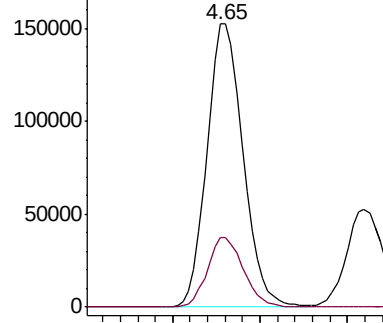
43 100

72 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.986 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012513.D

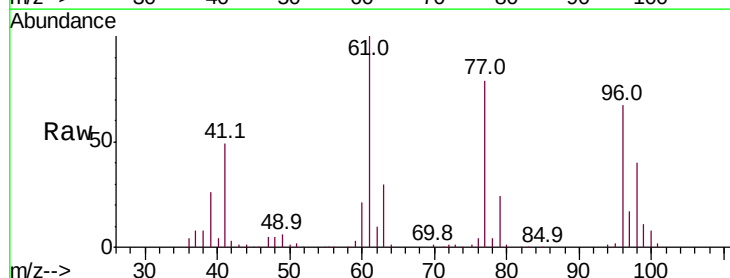
Acq: 19 Sep 2019 07:20

Tgt Ion: 77 Resp: 93389

Ion Ratio Lower Upper

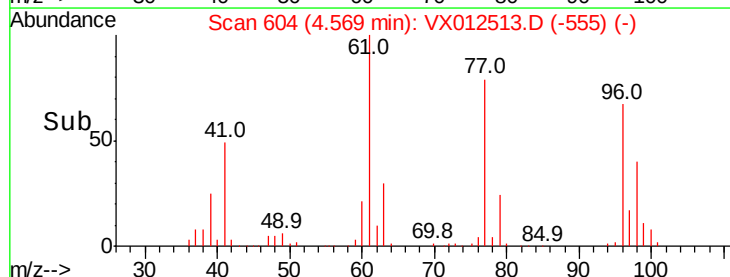
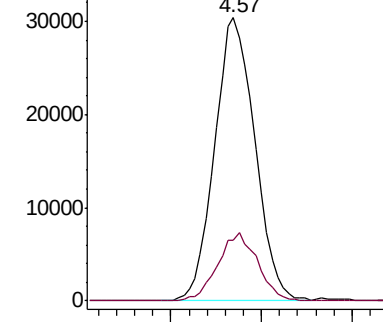
77 100

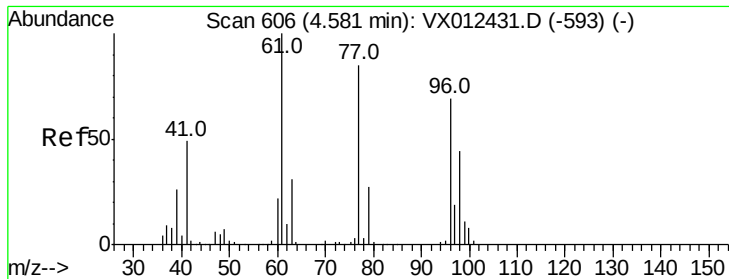
97 23.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



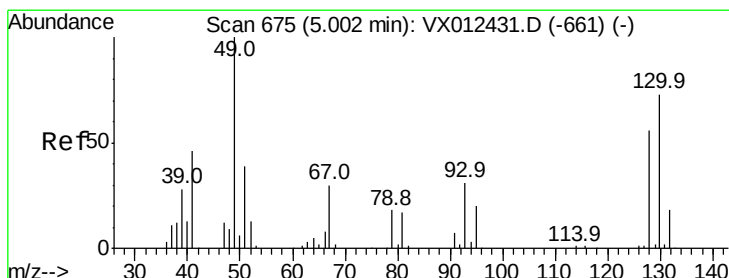
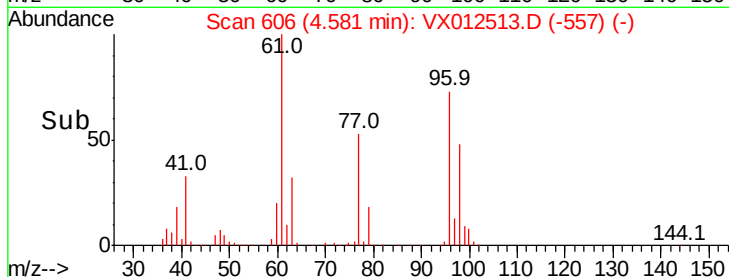
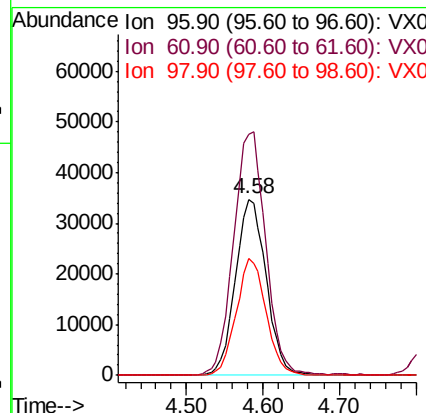
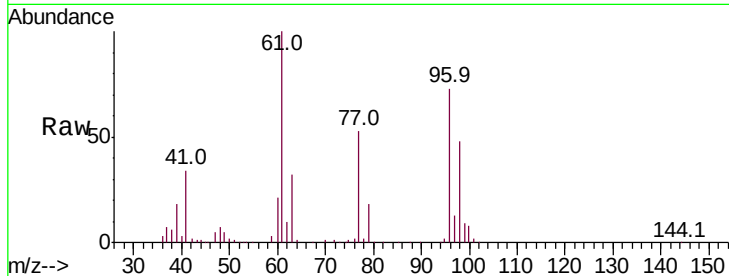


#27

cis-1,2-Dichloroethene
 Concen: 53.176 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

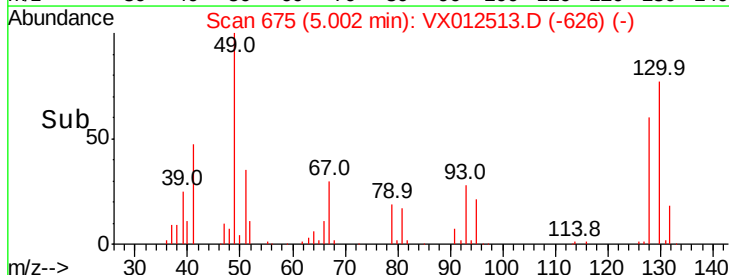
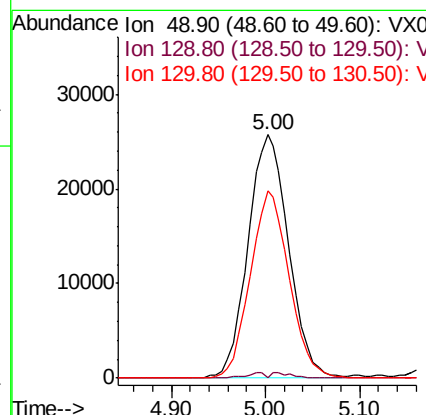
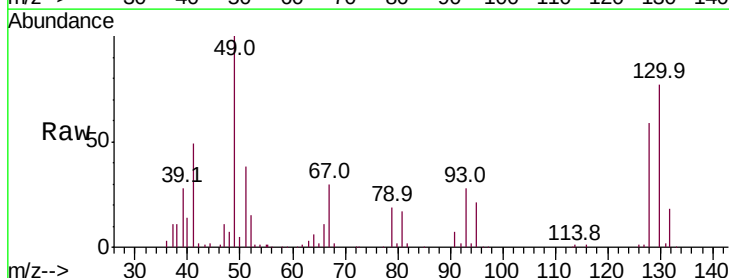
Tot Ion: 96 Resp: 96921
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 319.4
 98 64.2 0.0 130.6

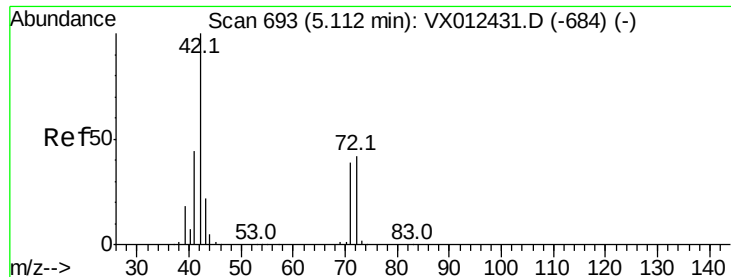


#28

Bromochloromethane
 Concen: 48.979 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 49 Resp: 77381
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 74.0 58.2 87.4





#29

Tetrahydrofuran

Concen: 256.703 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

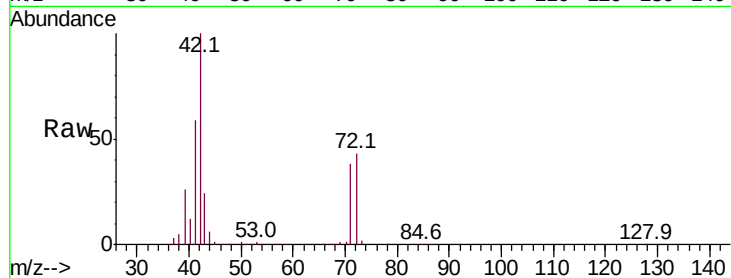
Tot Ion: 42 Resp: 263478

Ion Ratio Lower Upper

42 100

72 43.3 34.0 51.0

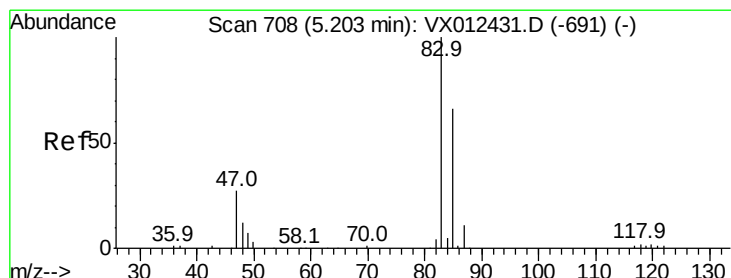
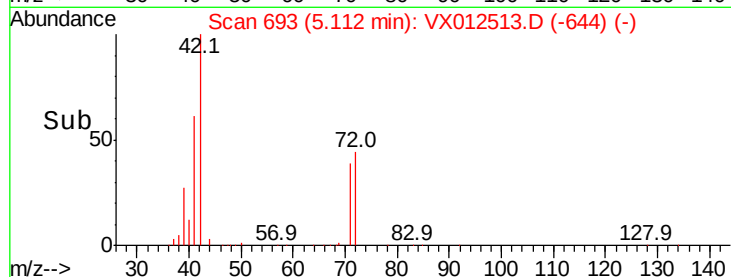
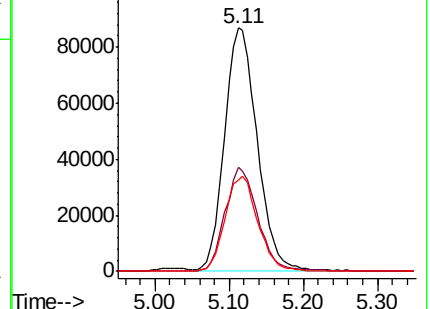
71 39.9 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.711 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012513.D

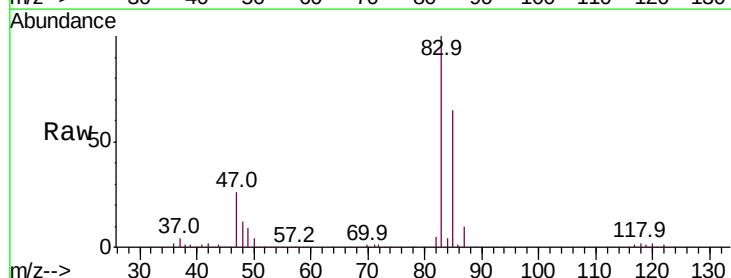
Acq: 19 Sep 2019 07:20

Tgt Ion: 83 Resp: 178476

Ion Ratio Lower Upper

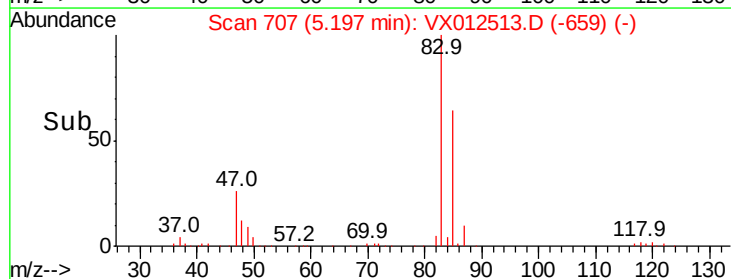
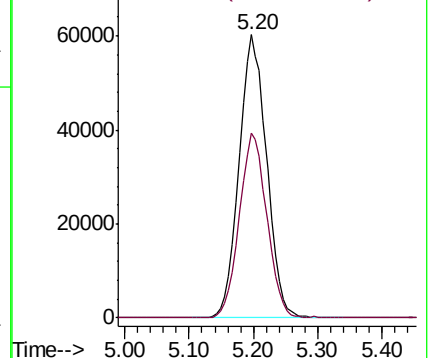
83 100

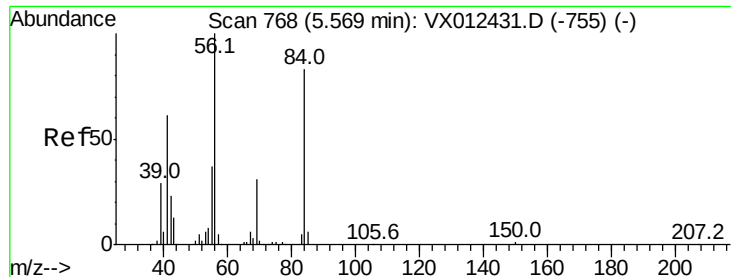
85 65.3 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

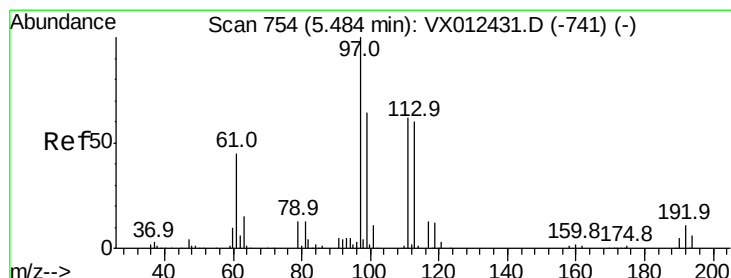
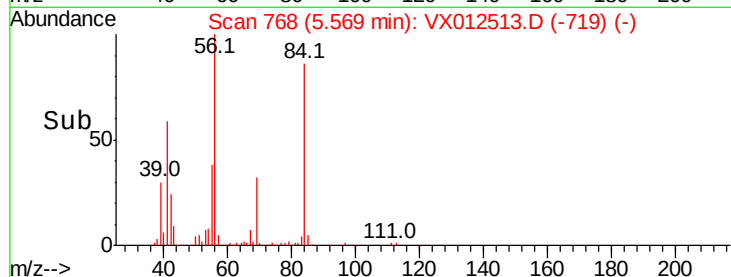
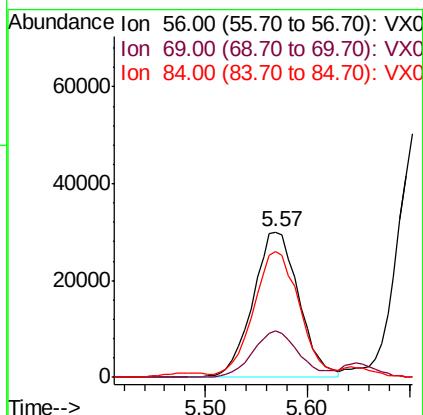
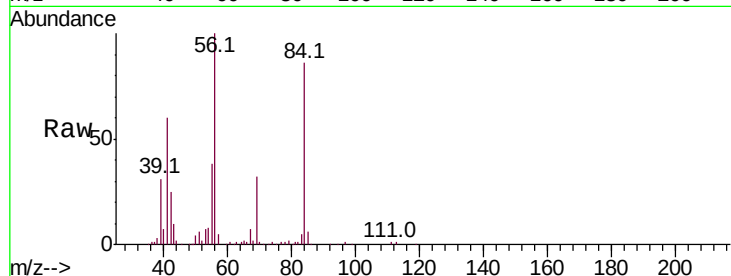




#31
Cyclohexane
Concen: 50.845 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

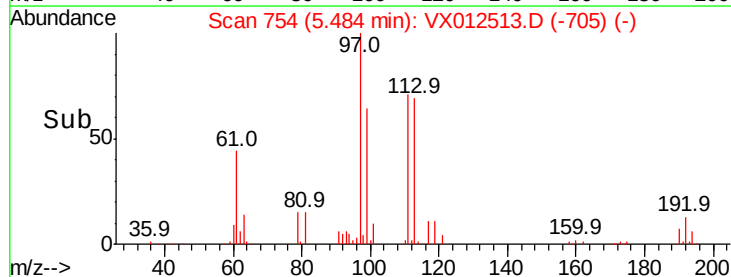
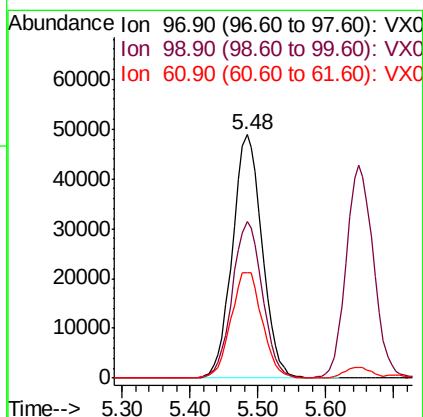
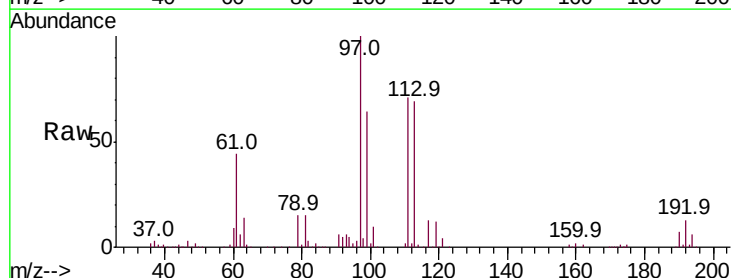
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

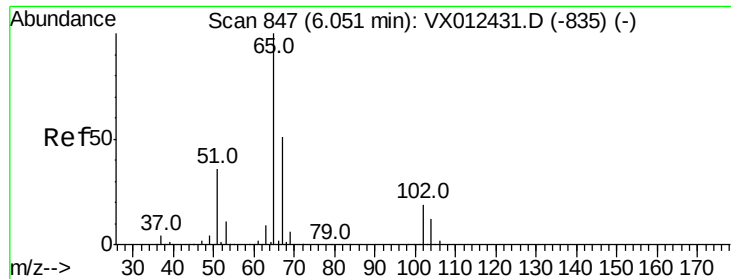
Tot Ion: 56 Resp: 94058
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.6
84 83.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.360 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 97 Resp: 148138
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 45.8 36.1 54.1

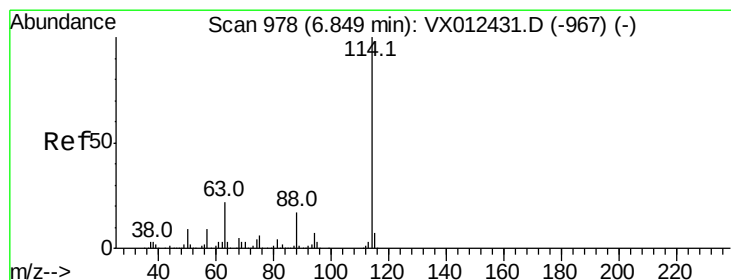
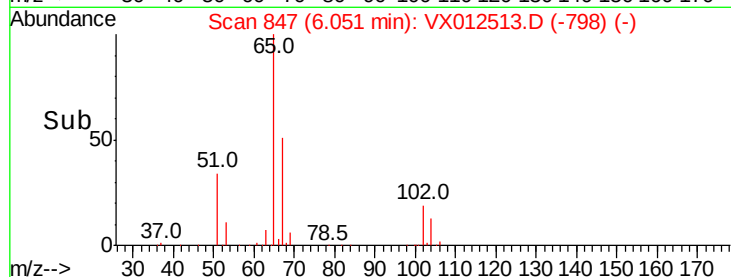
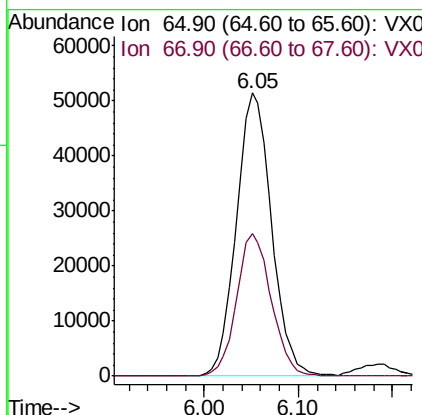
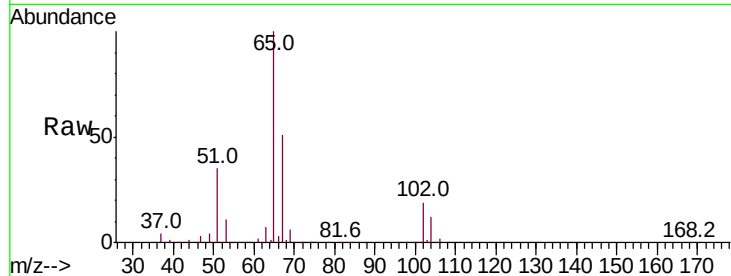




#33
 1,2-Dichloroethane-d4
 Concen: 50.224 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

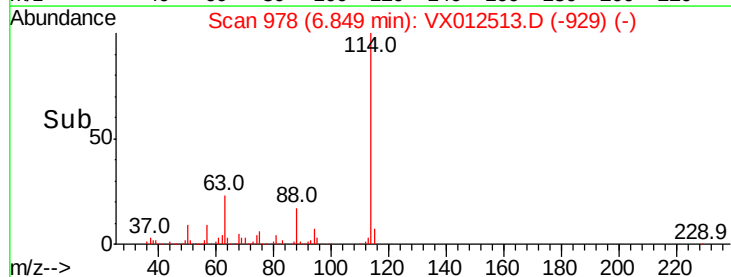
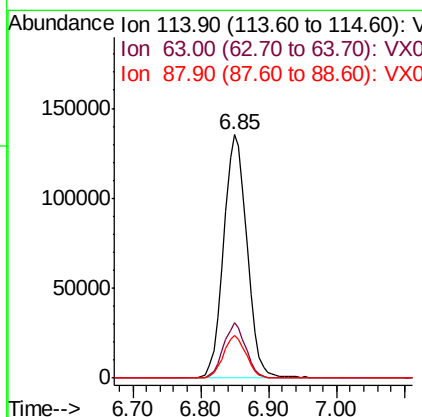
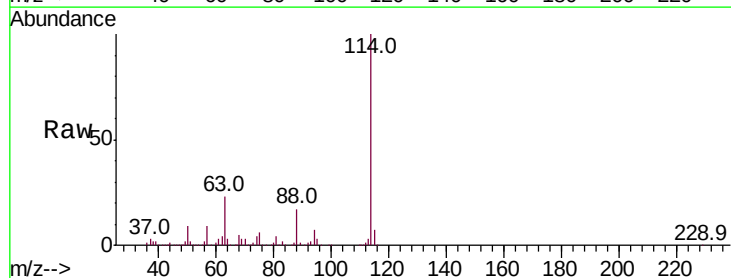
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

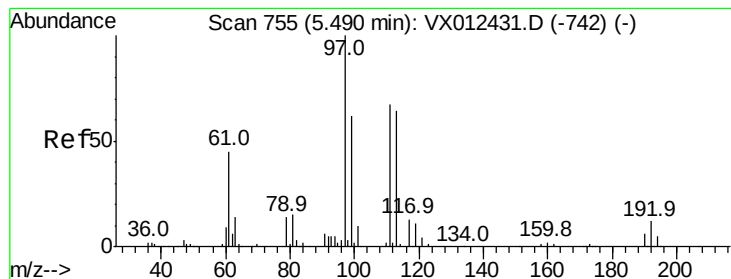
Tot Ion: 65 Resp: 134522
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:114 Resp: 322925
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.864 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

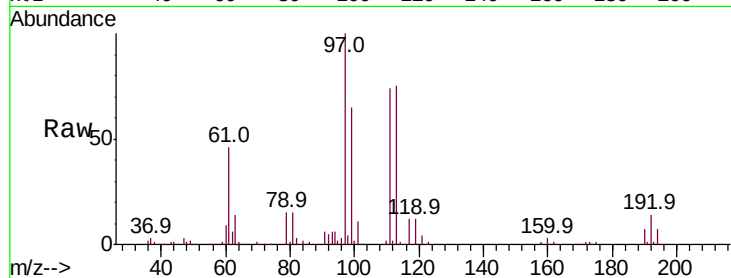
Tot Ion:113 Resp: 99415

Ion Ratio Lower Upper

113 100

111 100.8 83.4 125.2

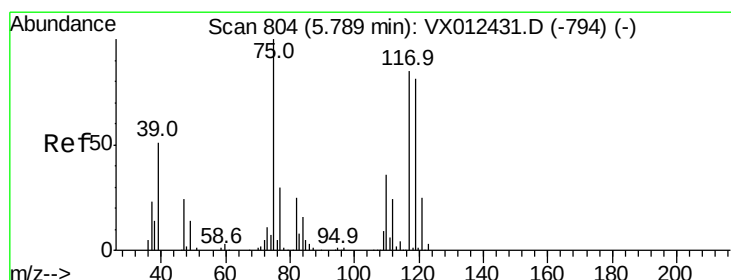
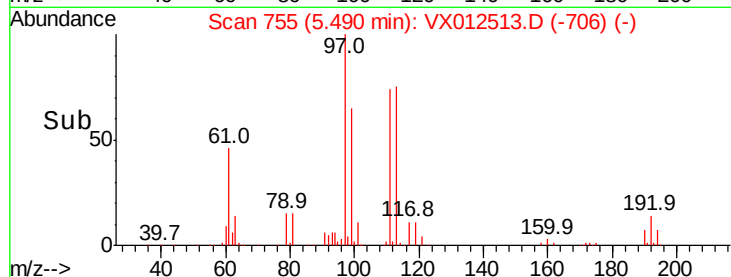
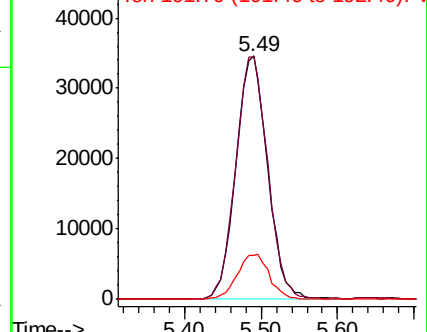
192 18.7 14.4 21.6



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: 49.111 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

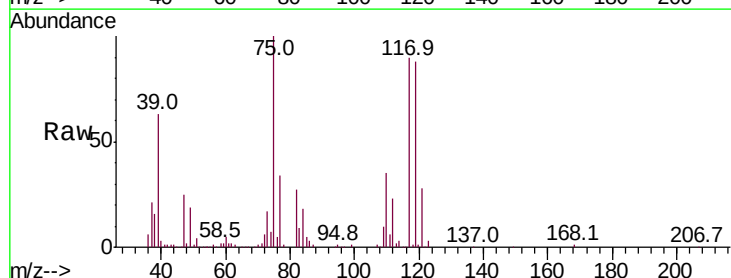
Tgt Ion: 75 Resp: 96385

Ion Ratio Lower Upper

75 100

110 34.9 16.7 50.0

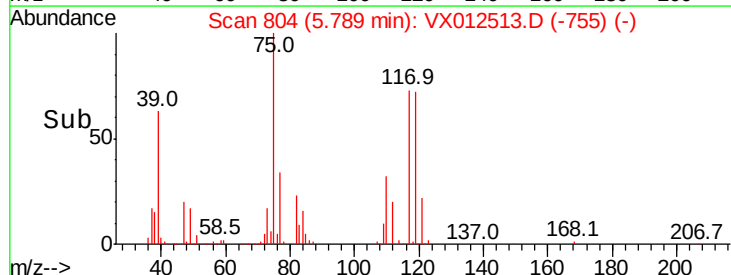
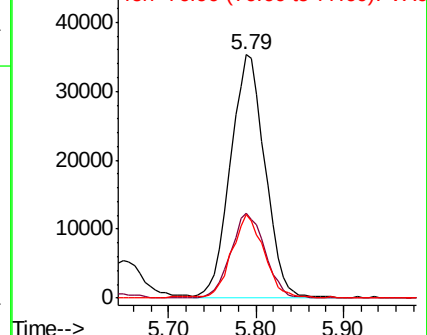
77 32.5 24.2 36.2

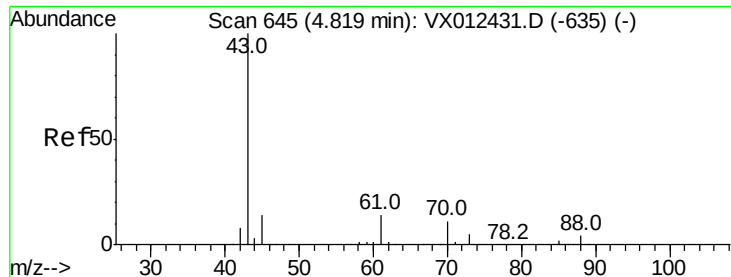


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

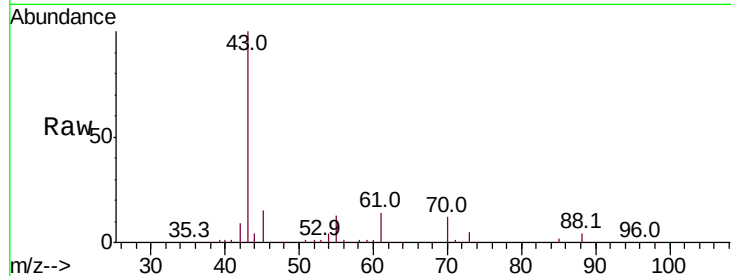




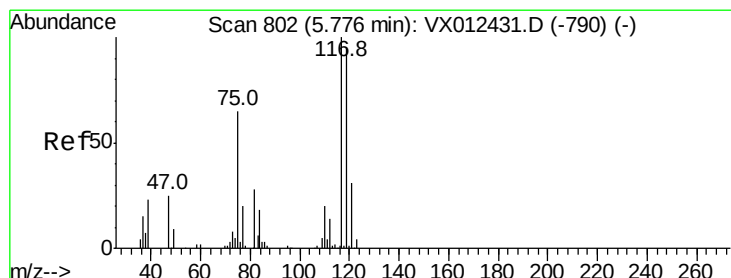
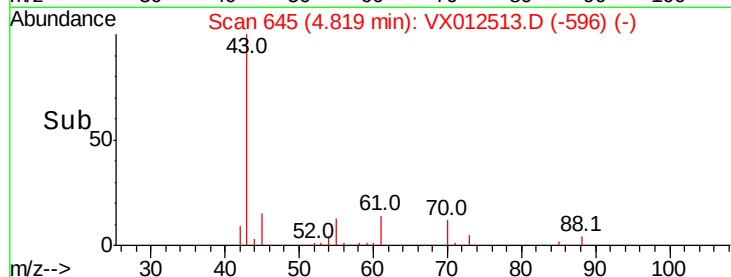
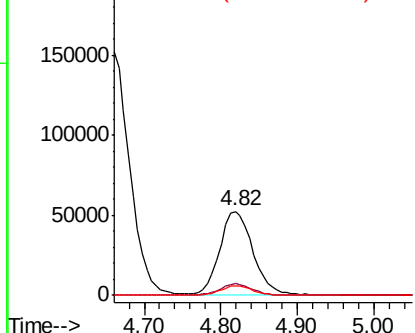
#37
Ethyl Acetate
Concen: 52.269 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion: 43 Resp: 157464
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 11.4 8.7 13.1

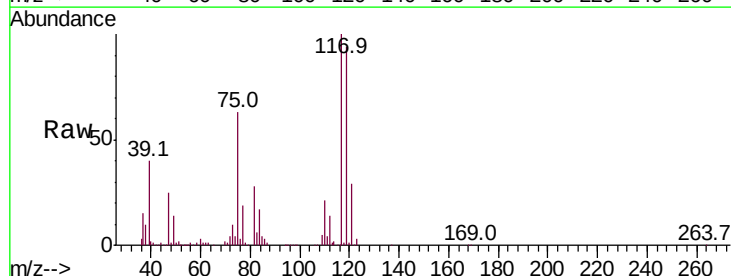


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

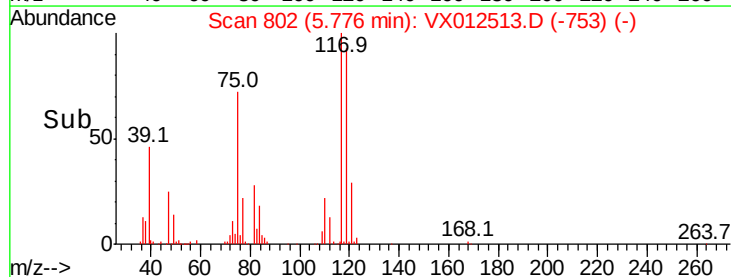
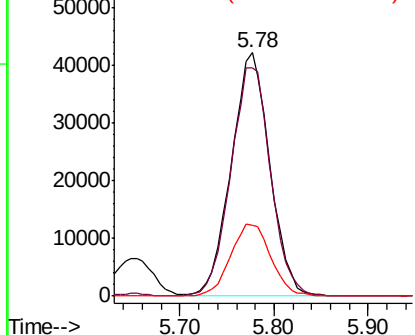


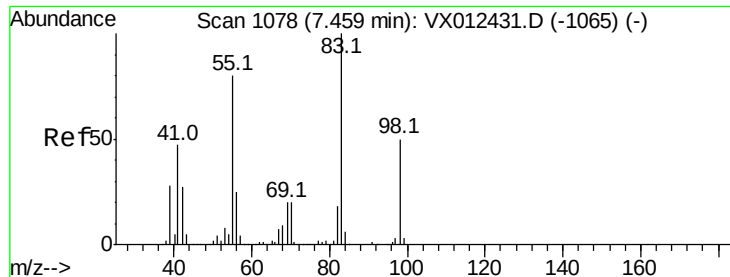
#38
Carbon Tetrachloride
Concen: 49.465 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 117 Resp: 120739
Ion Ratio Lower Upper
117 100
119 93.5 75.7 113.5
121 29.3 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

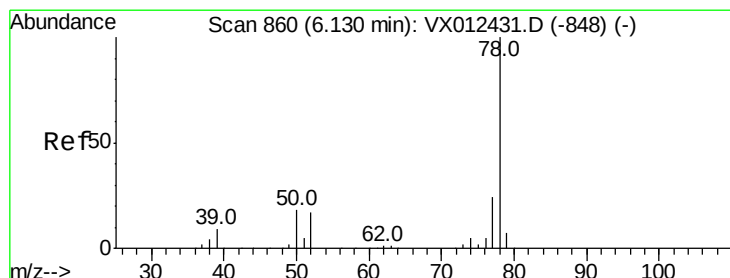
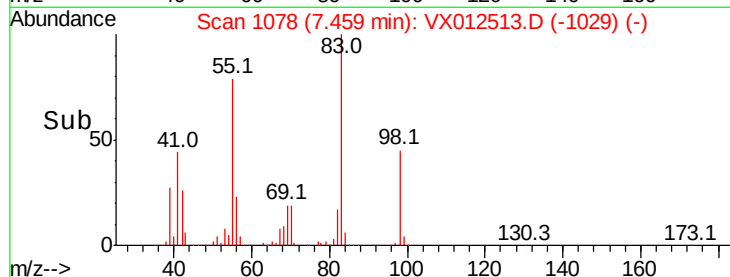
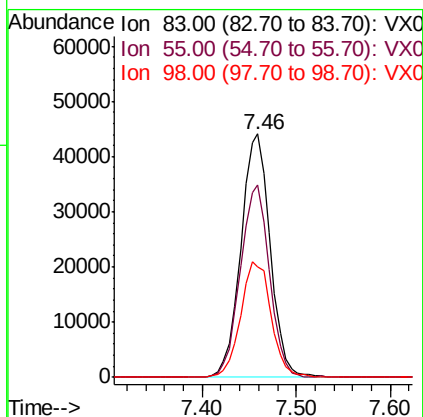
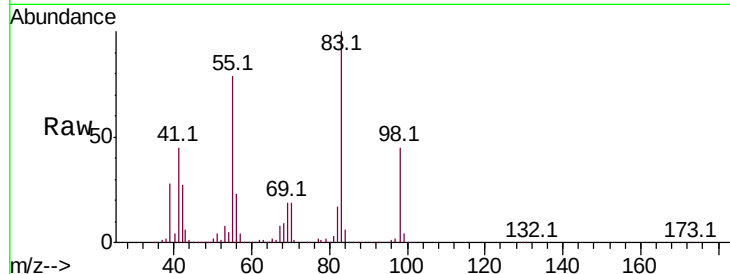




#39
Methylvlcyclohexane
Concen: 50.195 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

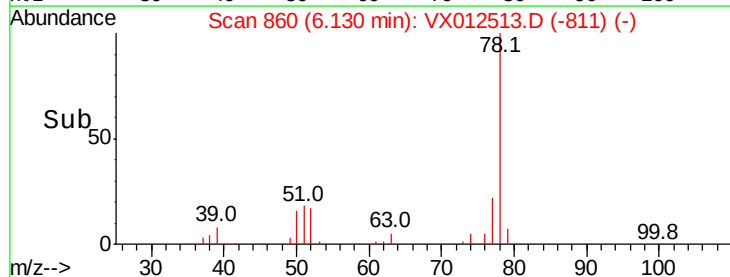
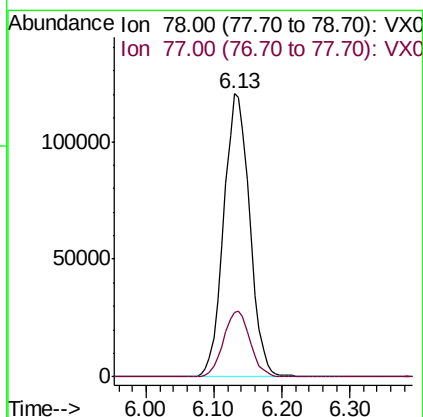
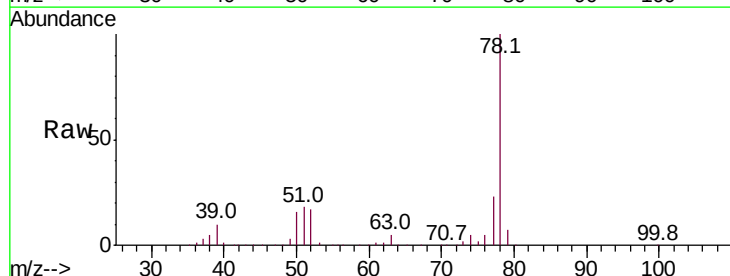
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

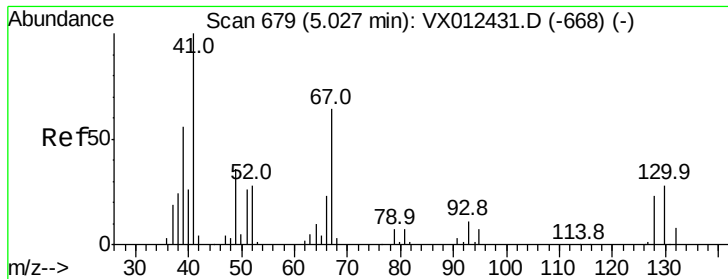
Tot Ion: 83 Resp: 95767
Ion Ratio Lower Upper
83 100
55 78.9 64.4 96.6
98 45.4 40.1 60.1



#40
Benzene
Concen: 51.160 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 78 Resp: 319285
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

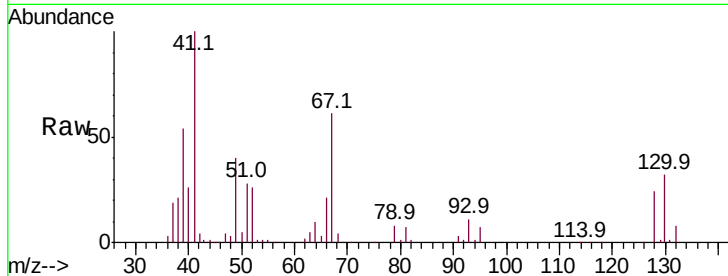




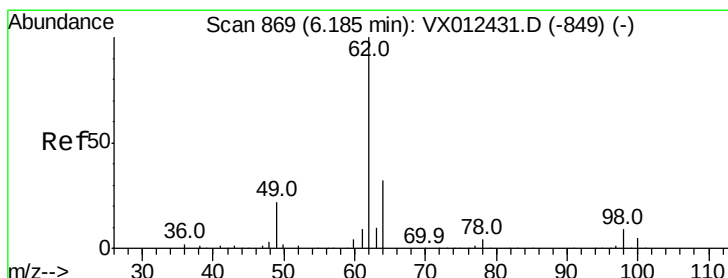
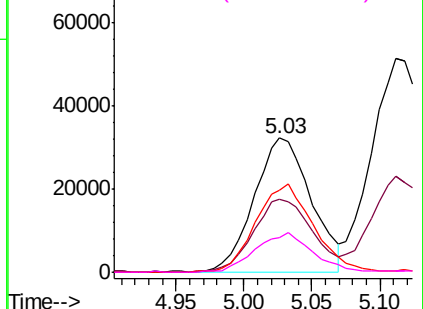
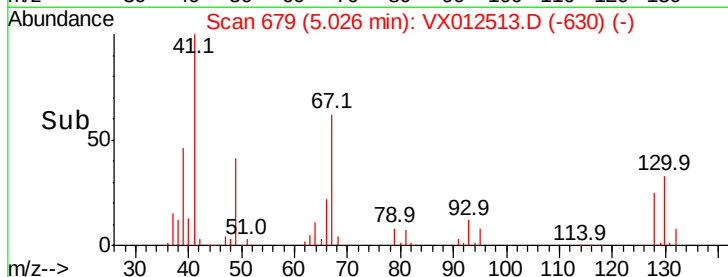
#41
Methacrylonitrile
Concen: 48.448 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion:	41	Resp:	93979
Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.0	69.0
67	66.9	52.2	78.2
52	28.8	22.7	34.1

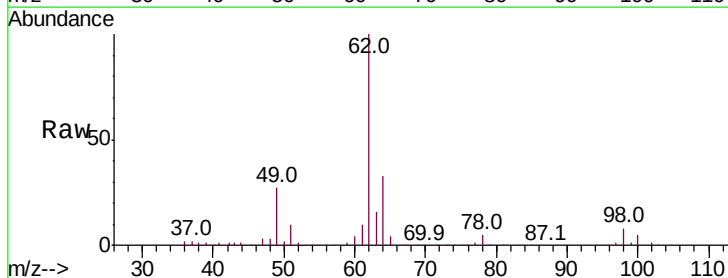


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

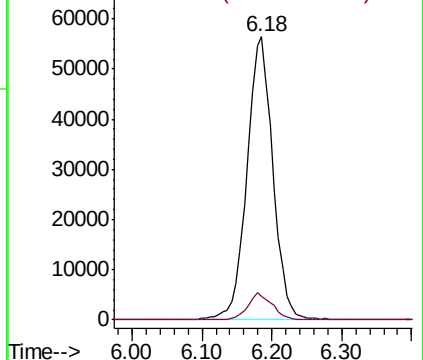
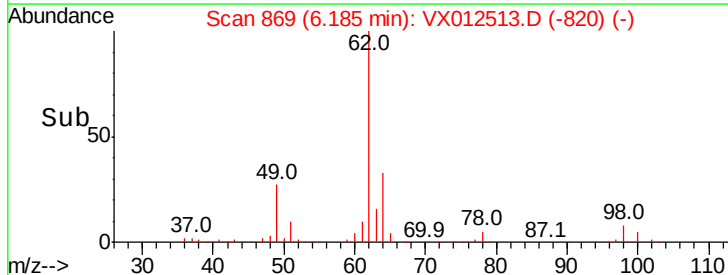


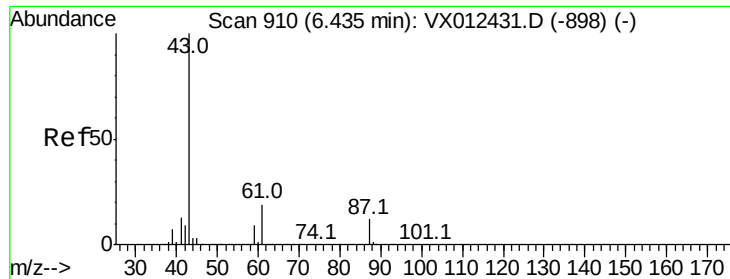
#42
1,2-Dichloroethane
Concen: 50.282 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:	62	Resp:	145547
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.683 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

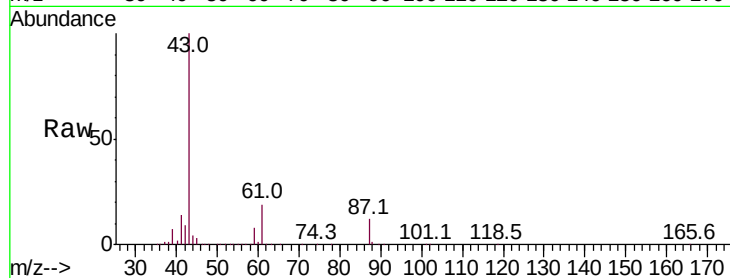
Tot Ion: 43 Resp: 268636

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

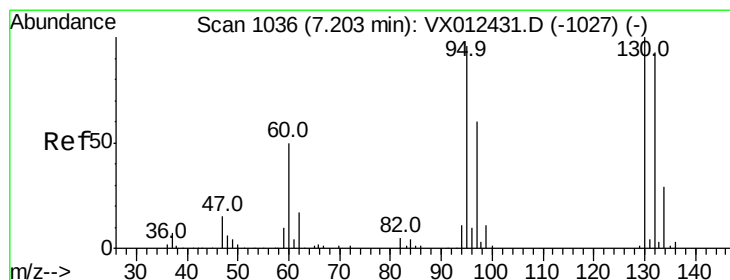
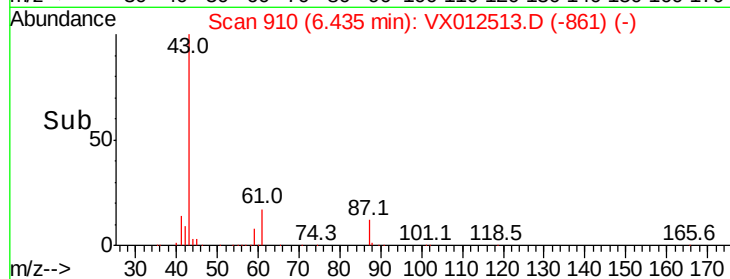
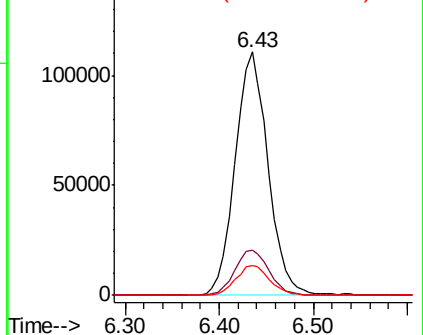
87 12.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 384.516 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012513.D

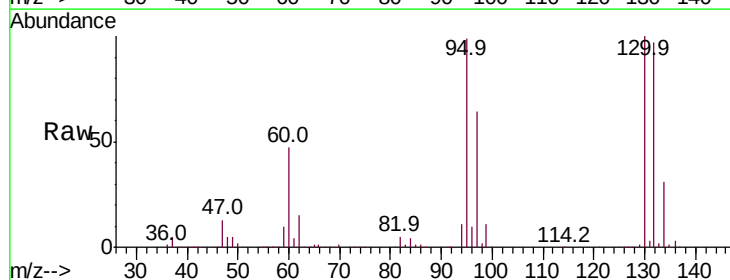
Acq: 19 Sep 2019 07:20

Tgt Ion:130 Resp: 631259

Ion Ratio Lower Upper

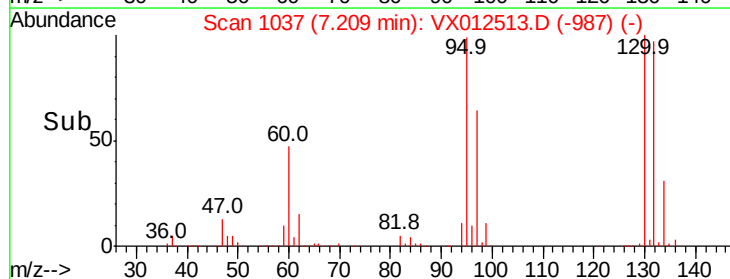
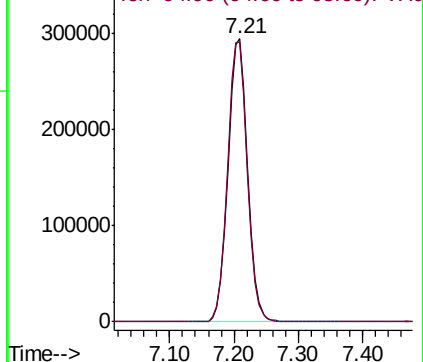
130 100

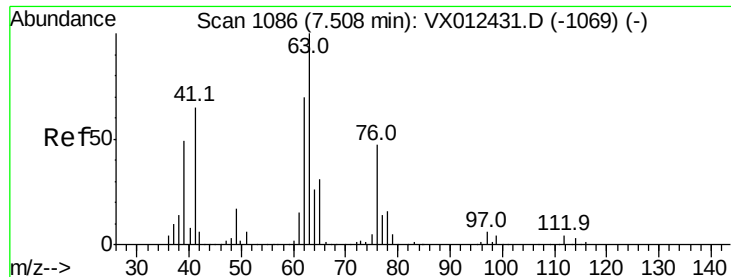
95 98.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

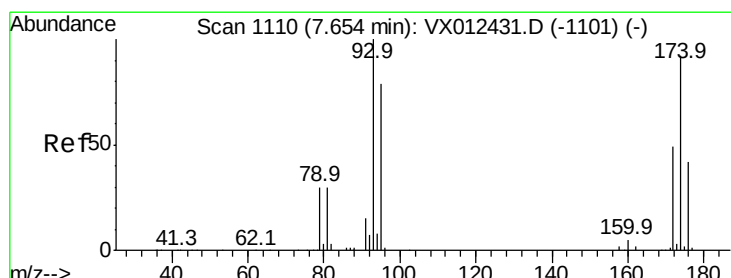
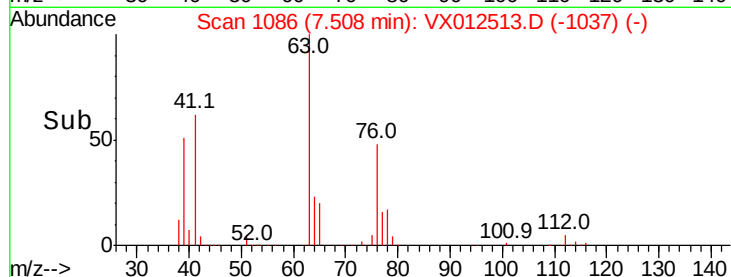
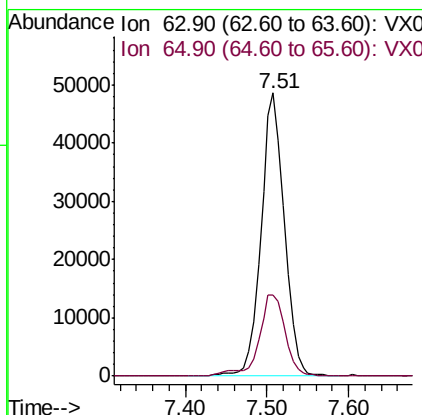
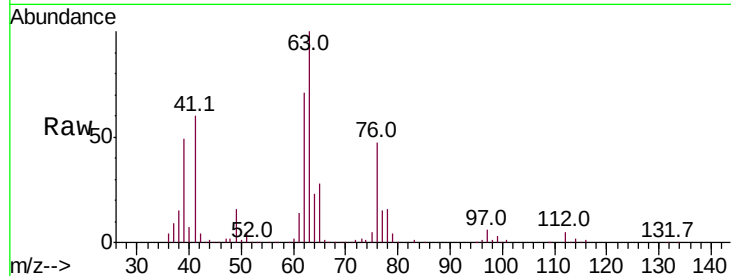




#45
 1,2-Dichloropropane
 Concen: 50.641 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

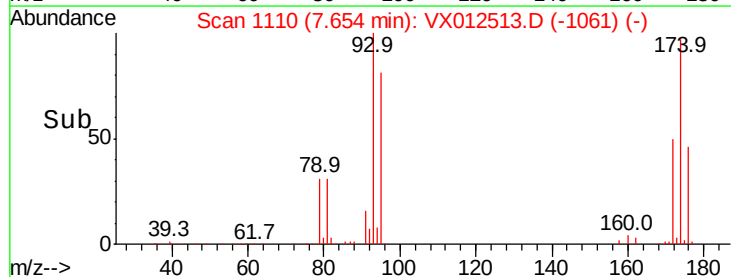
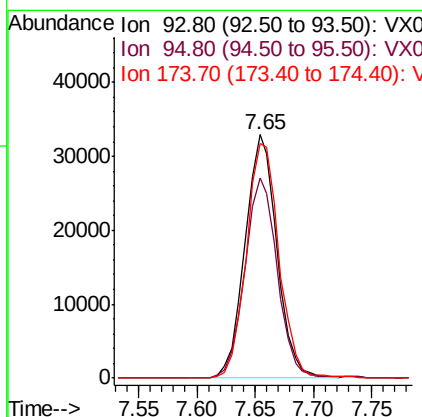
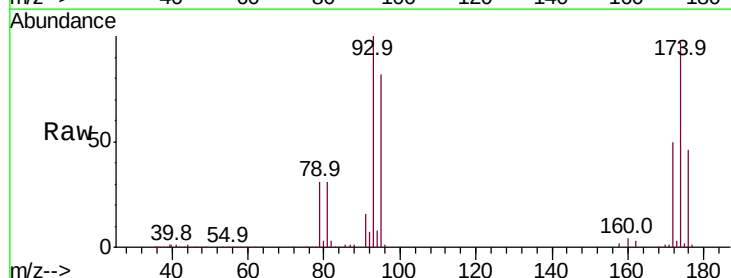
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

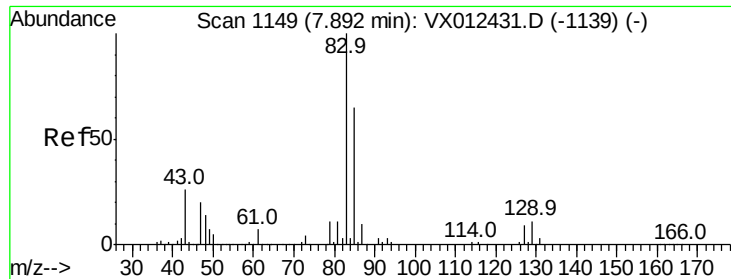
Tot Ion: 63 Resp: 97099
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.6



#46
 Dibromomethane
 Concen: 50.635 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 93 Resp: 62827
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 98.6 77.4 116.0





#47

Bromodichloromethane

Concen: 51.297 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

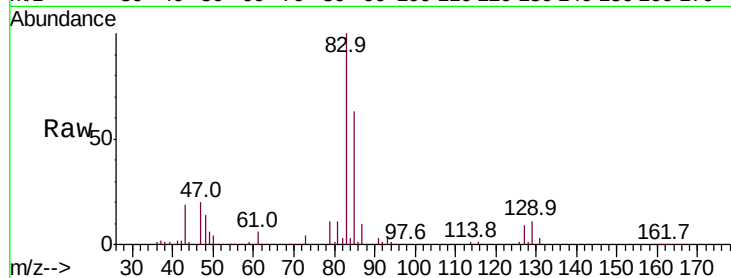
Tot Ion: 83 Resp: 141719

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

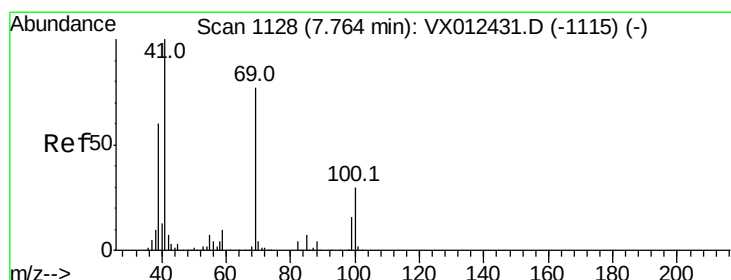
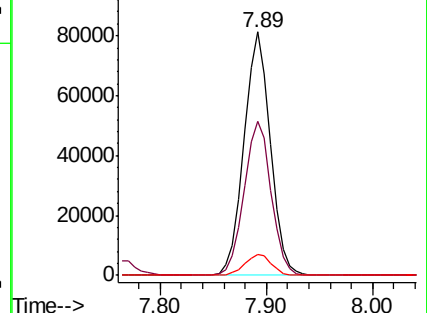
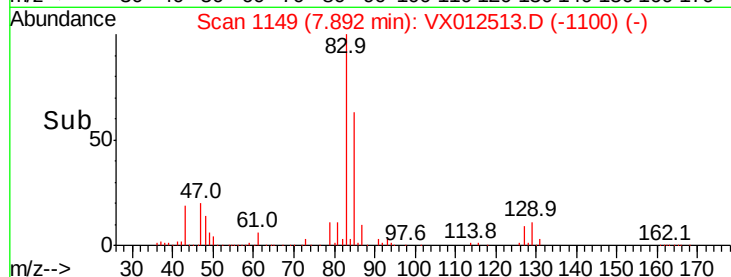
127 8.5 7.3 10.9



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: 50.498 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

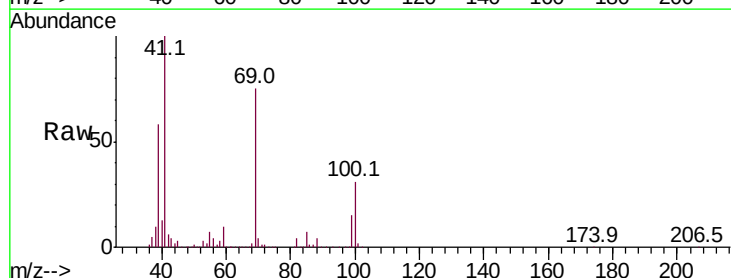
Tgt Ion: 41 Resp: 128709

Ion Ratio Lower Upper

41 100

69 75.6 59.9 89.9

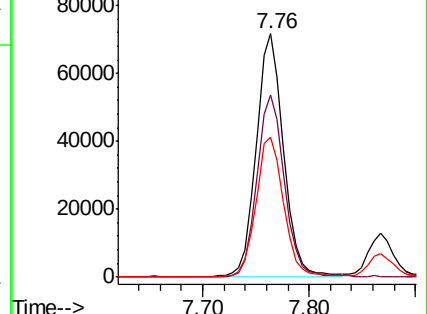
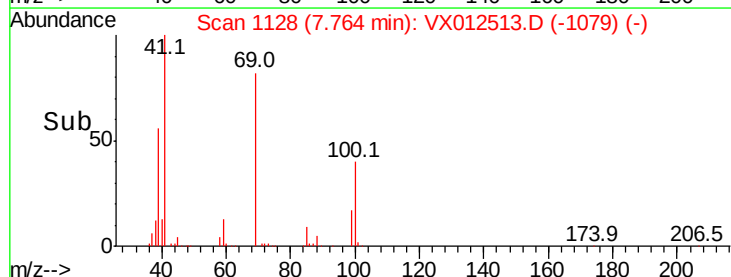
39 58.6 47.8 71.6

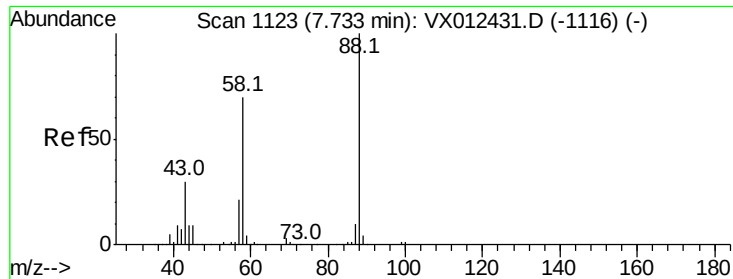


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

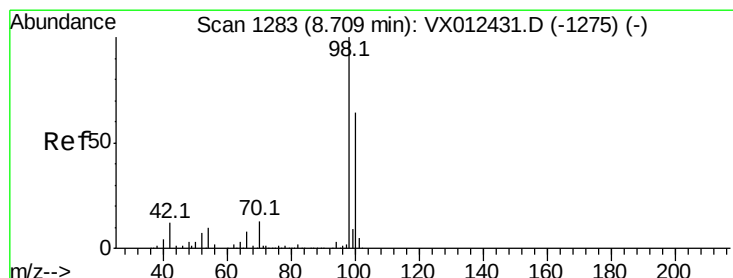
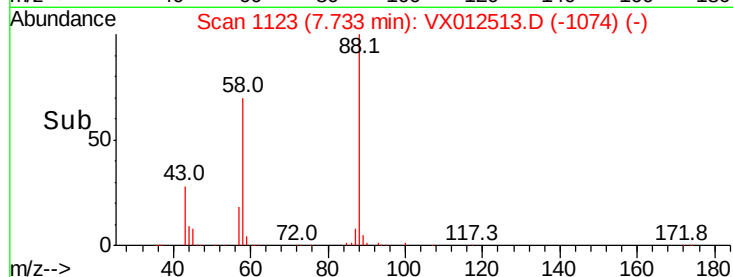
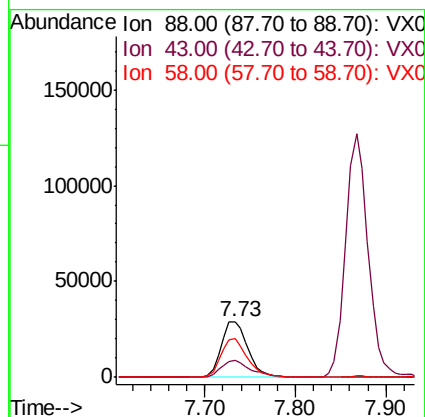
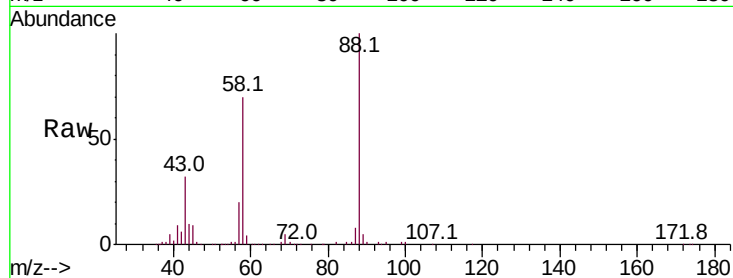




#49
1,4-Dioxane
Concen: 956.000 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

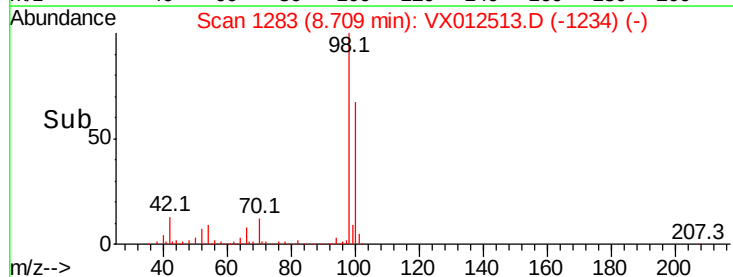
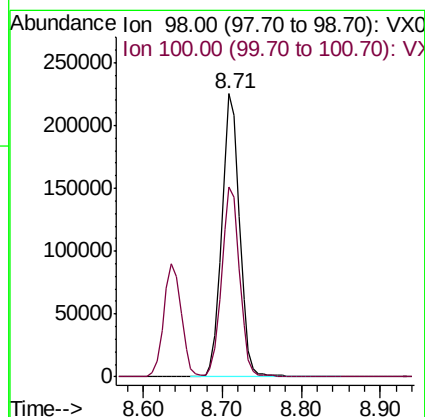
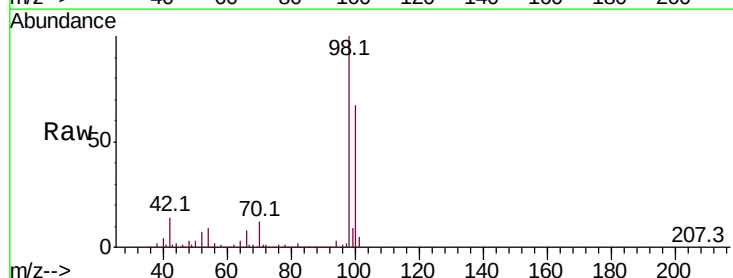
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

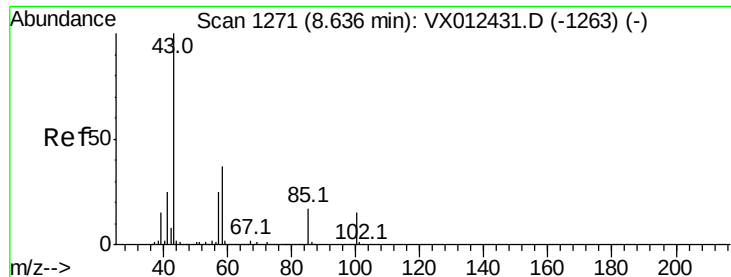
Tot Ion: 88 Resp: 59304
Ion Ratio Lower Upper
88 100
43 33.8 29.4 44.0
58 70.6 57.5 86.3



#50
Toluene-d8
Concen: 48.853 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 98 Resp: 353433
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 248.376 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

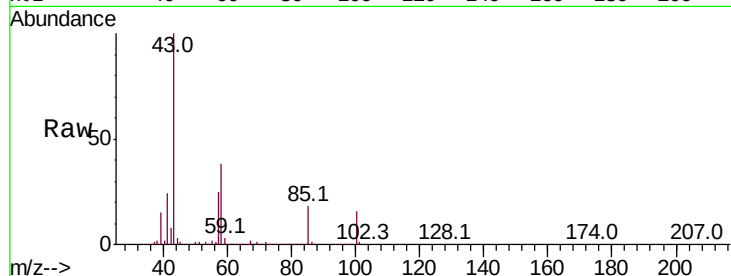
RE122D2-20190909MS

Tot Ion: 43 Resp: 880708

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

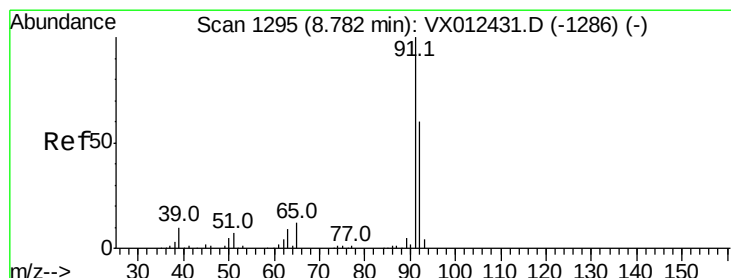
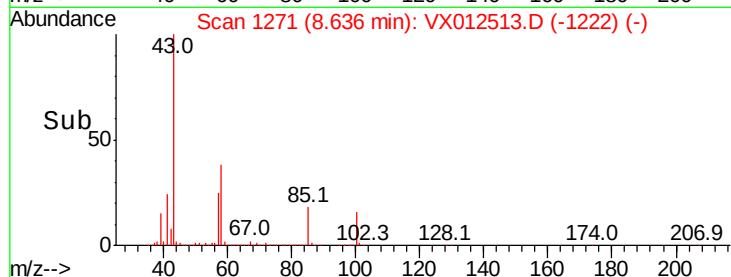
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.549 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012513.D

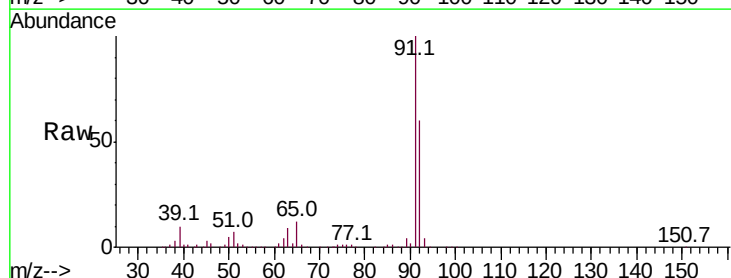
Acq: 19 Sep 2019 07:20

Tgt Ion: 92 Resp: 207303

Ion Ratio Lower Upper

92 100

91 166.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

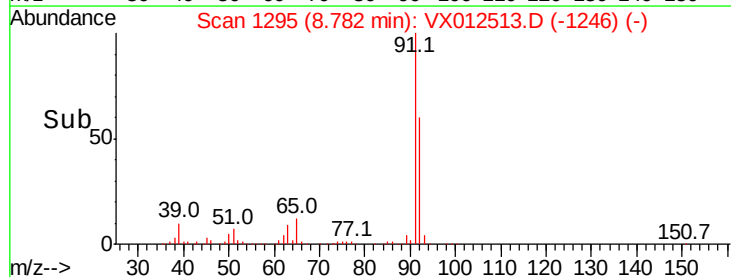
150000

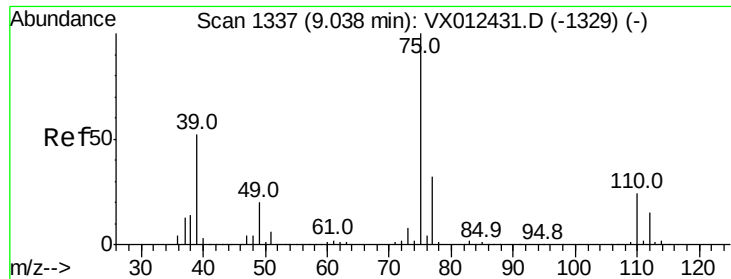
100000

50000

0

Time-->

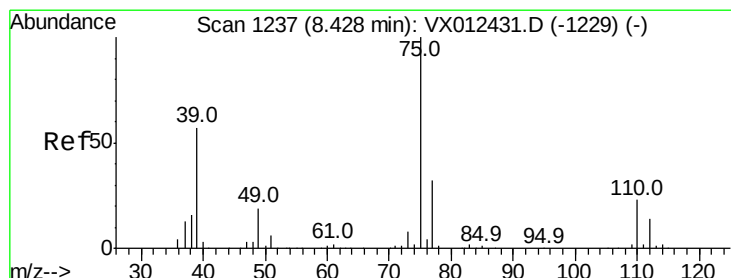
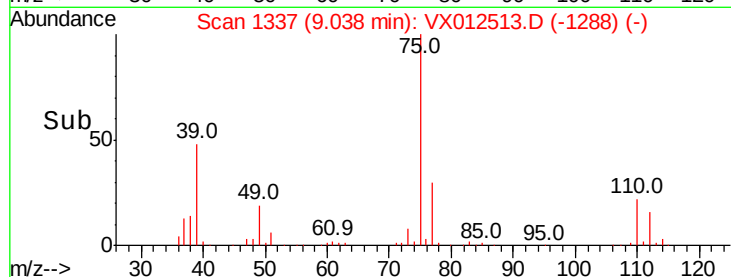
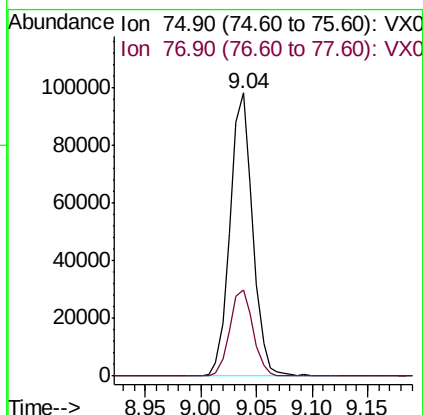
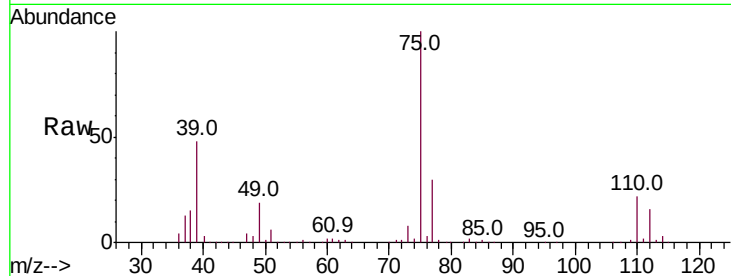




#53
 t-1,3-Dichloropropene
 Concen: 48.153 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

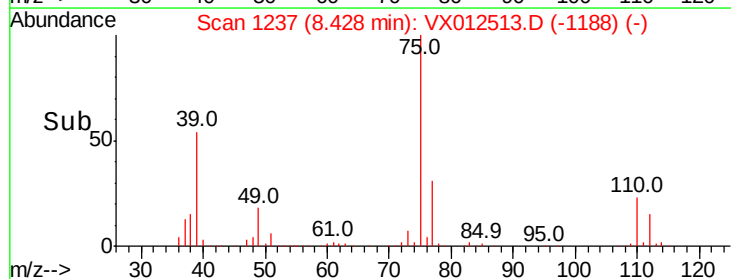
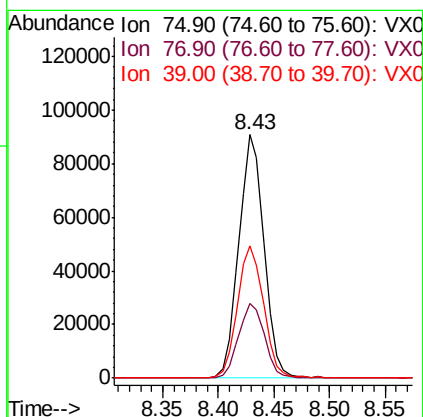
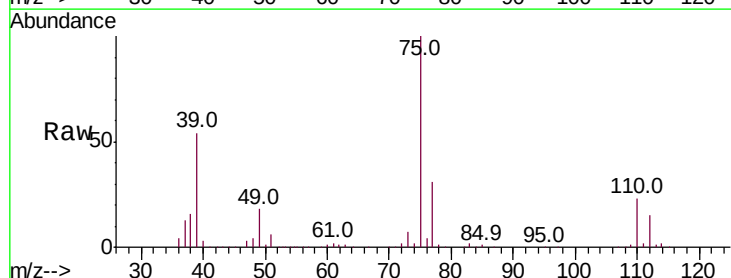
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

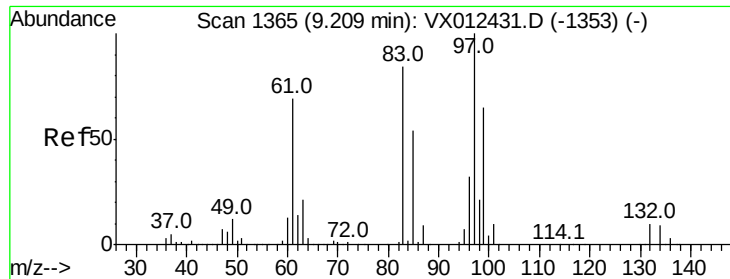
Tot Ion: 75 Resp: 138286
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.008 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 75 Resp: 142733
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 54.0 45.5 68.3

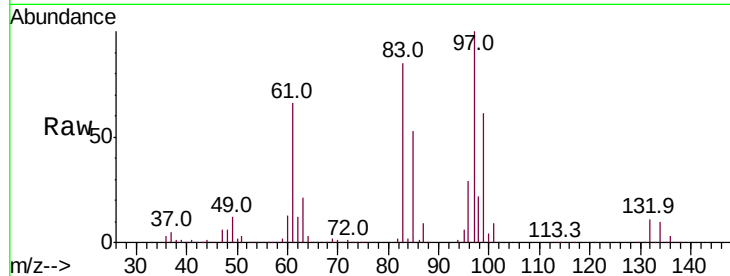




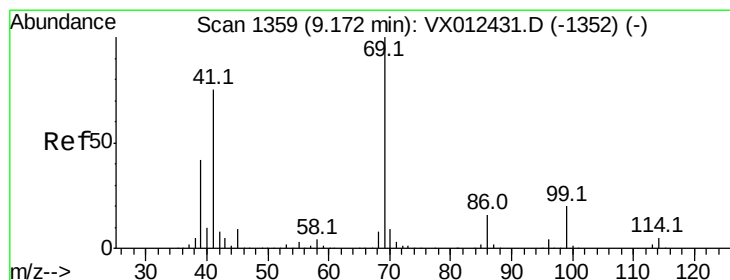
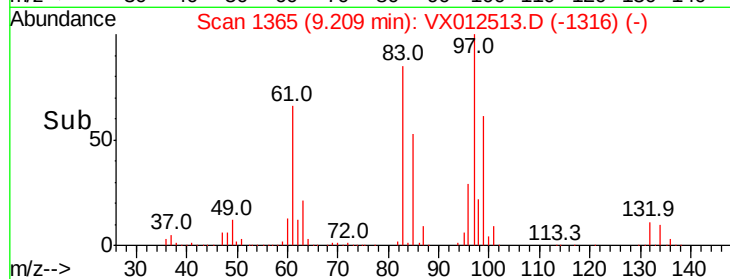
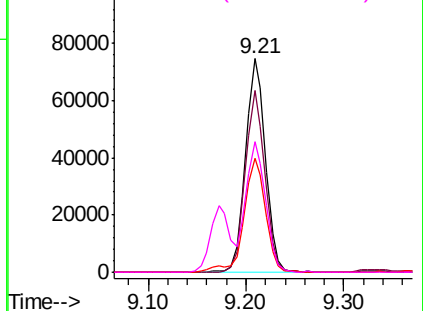
#55
 1,1,2-Trichloroethane
 Concen: 51.088 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion:	97	Resp:	105847
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.2
85	53.1	43.5	65.3
99	61.3	51.8	77.8

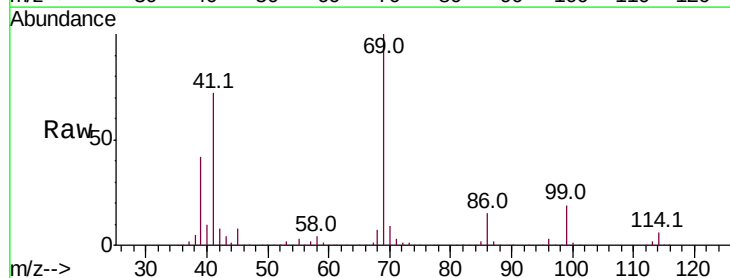


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

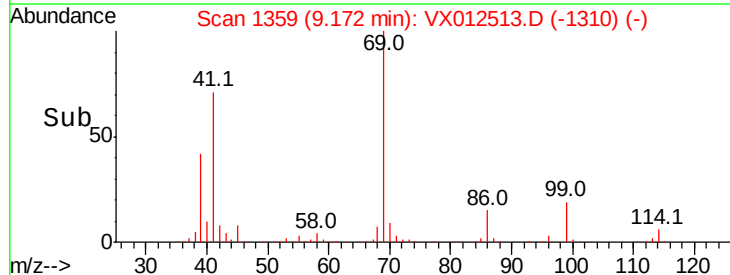
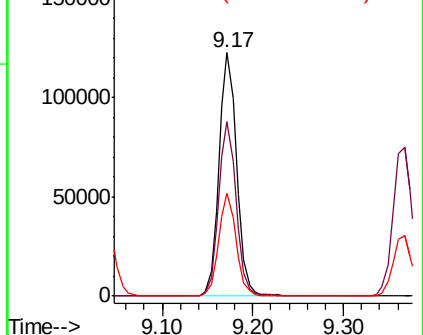


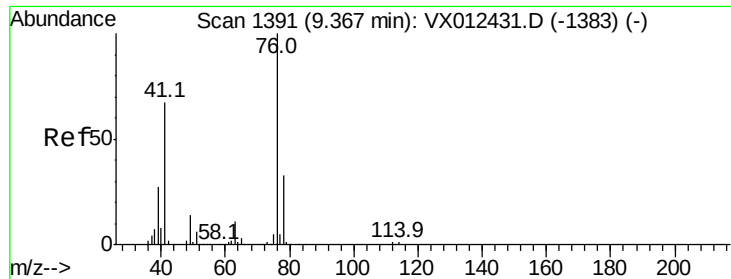
#56
 Ethyl methacrylate
 Concen: 51.677 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:	69	Resp:	167398
Ion	Ratio	Lower	Upper
69	100		
41	71.1	58.4	87.6
39	41.3	33.4	50.0



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

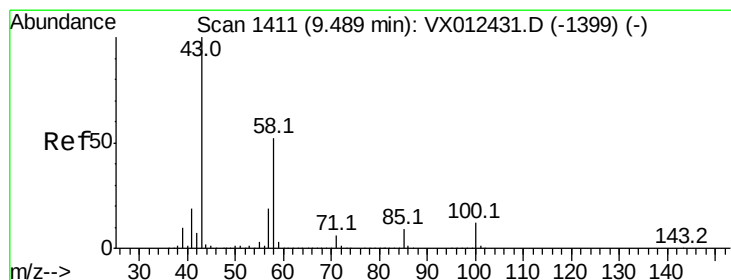
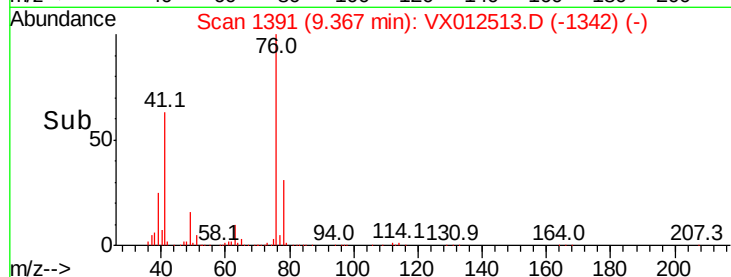
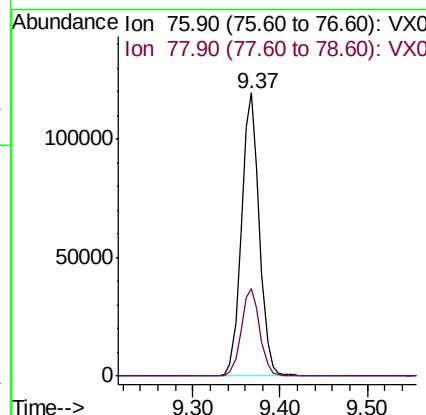
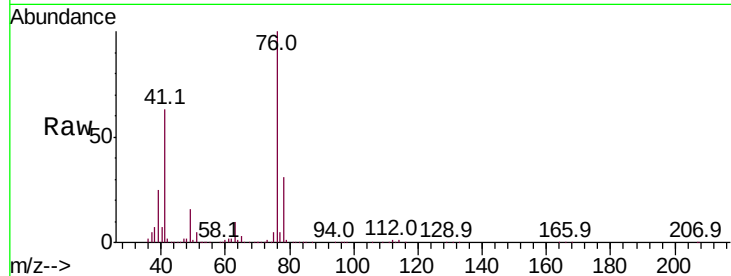




#57
 1,3-Dichloropropane
 Concen: 51.741 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

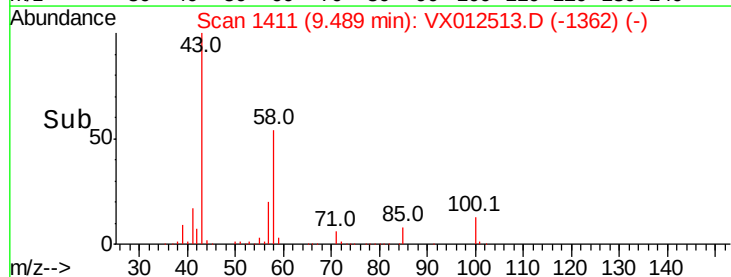
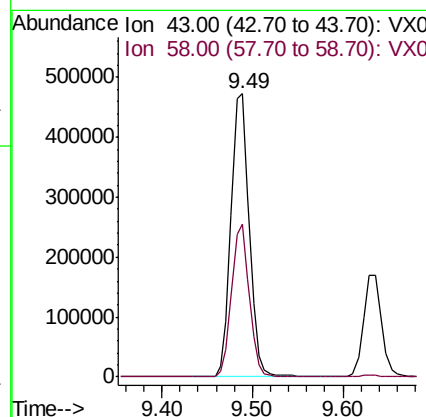
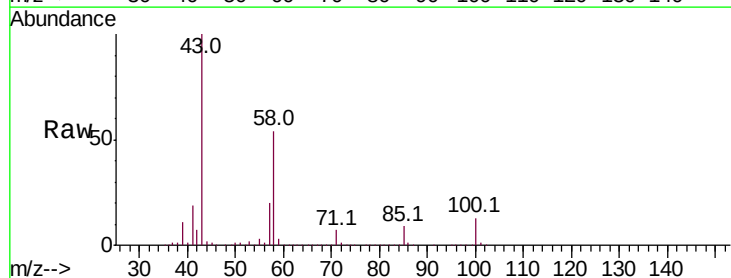
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

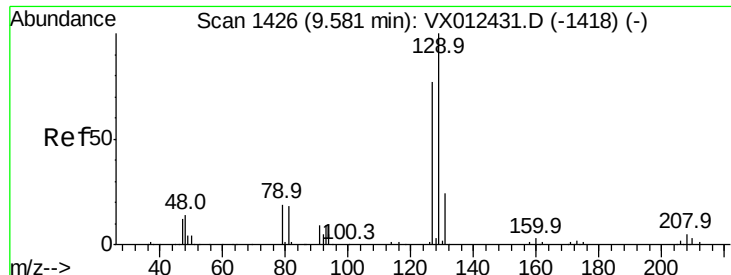
Tot Ion: 76 Resp: 171036
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#59
 2-Hexanone
 Concen: 240.087 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 43 Resp: 664169
 Ion Ratio Lower Upper
 43 100
 58 52.6 25.7 77.1

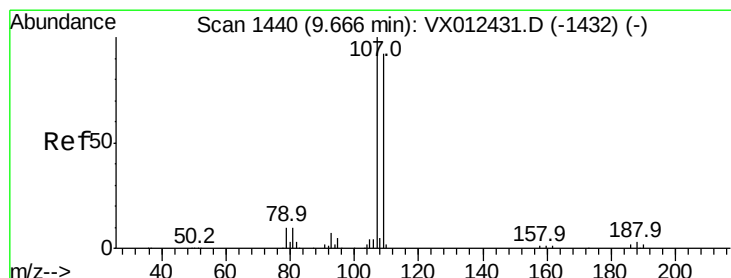
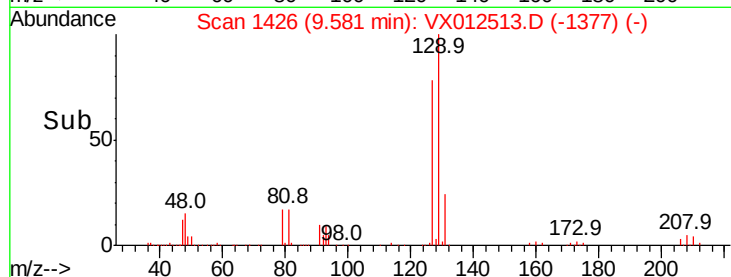
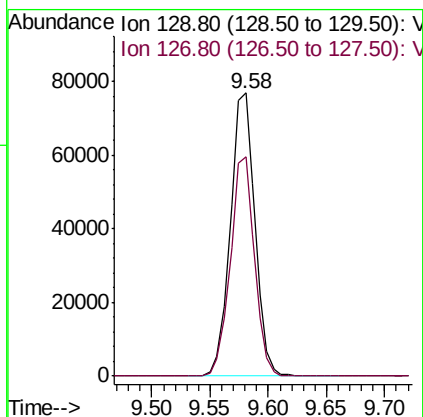
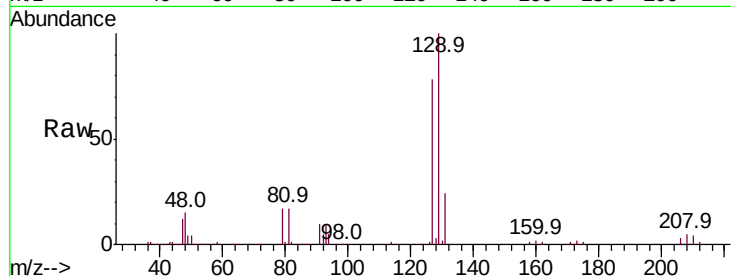




#60
 Dibromochloromethane
 Concen: 53.461 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

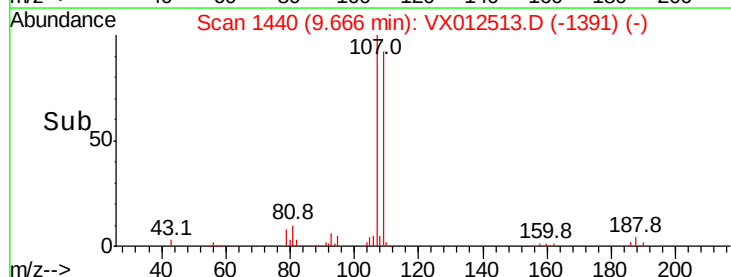
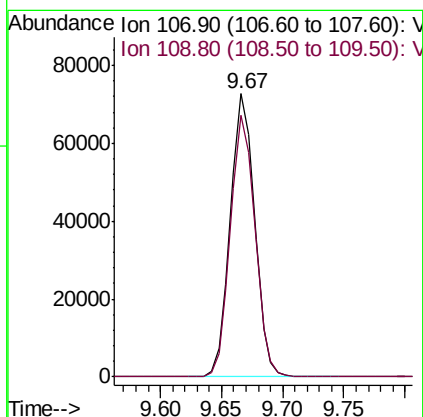
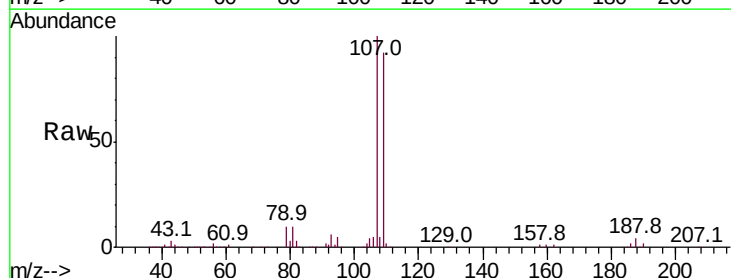
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

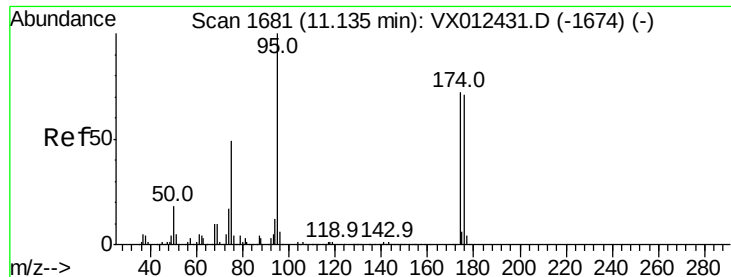
Tot Ion:129 Resp: 112823
 Ion Ratio Lower Upper
 129 100
 127 75.9 38.9 116.6



#61
 1,2-Dibromoethane
 Concen: 53.012 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:107 Resp: 100310
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 47.572 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

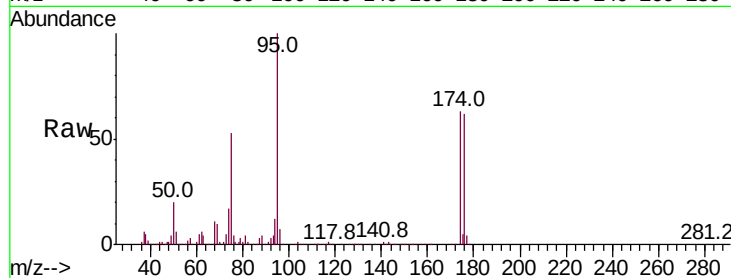
Tot Ion: 95 Resp: 142900

Ion Ratio Lower Upper

95 100

174 71.5 0.0 140.0

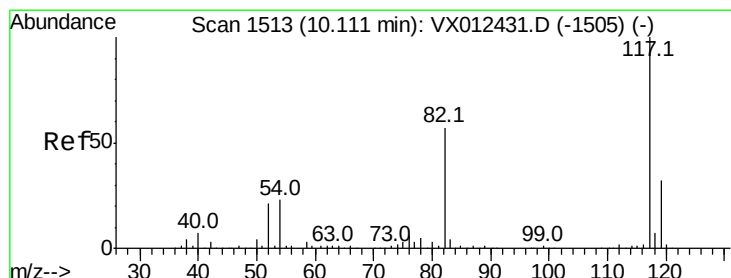
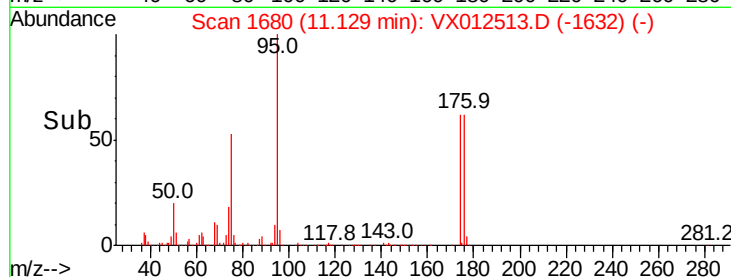
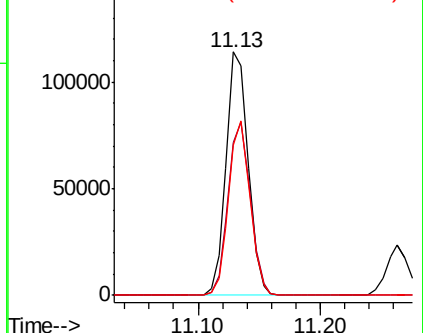
176 69.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

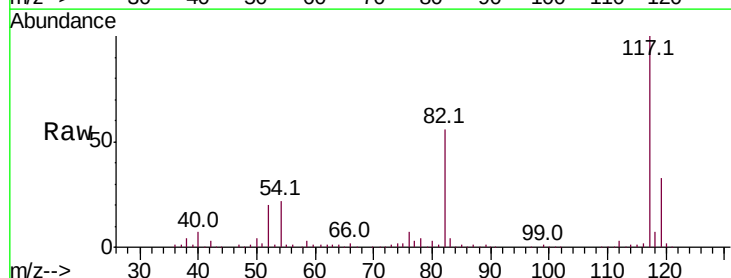
Tgt Ion: 117 Resp: 288591

Ion Ratio Lower Upper

117 100

82 55.9 45.9 68.9

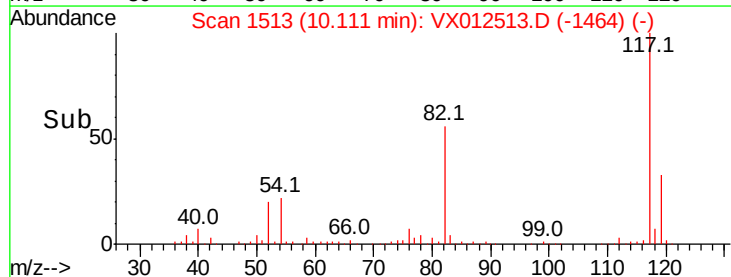
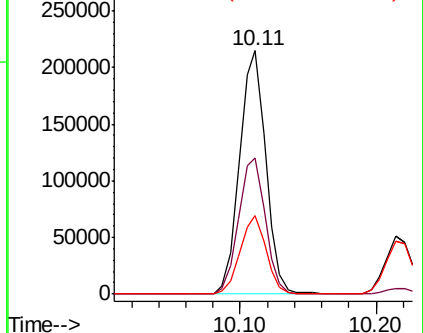
119 32.5 25.3 37.9

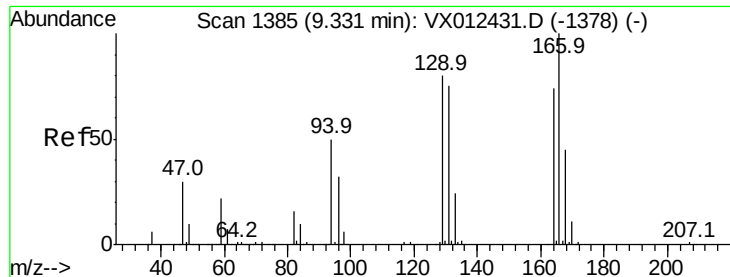


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 54.776 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion:164 Resp: 72437

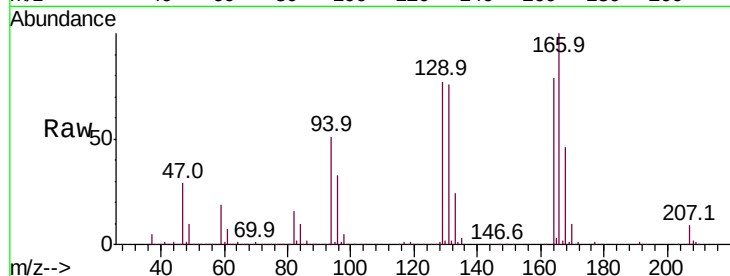
Ion Ratio Lower Upper

164 100

166 126.7 107.8 161.6

129 97.2 86.2 129.2

131 96.9 80.4 120.6



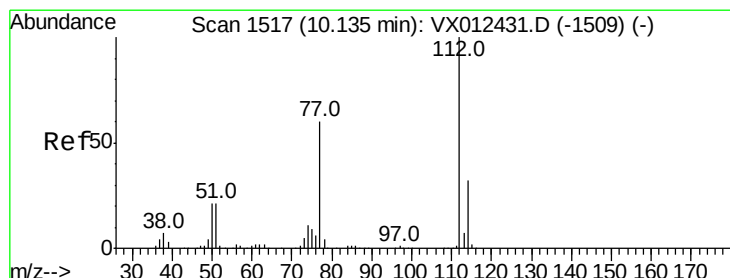
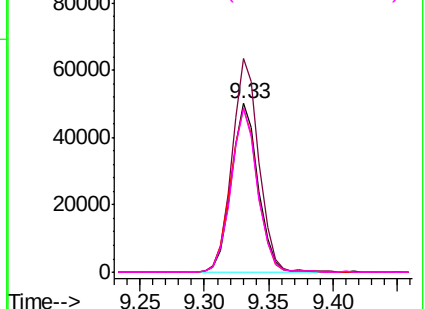
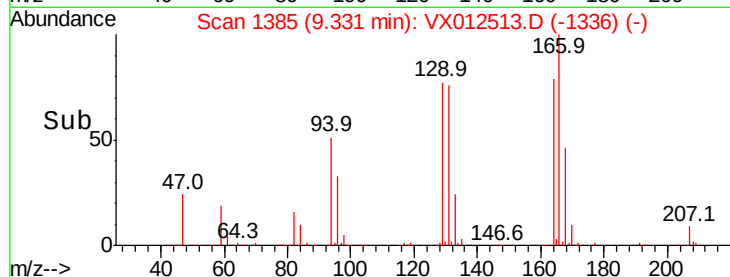
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.924 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012513.D

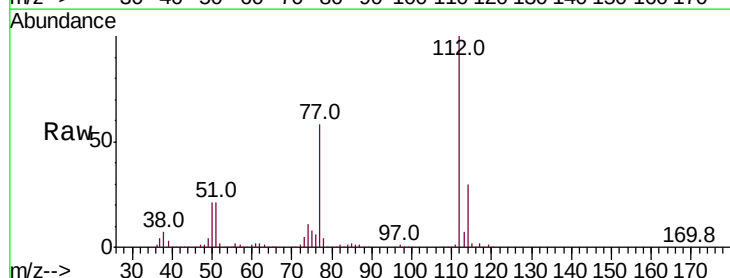
Acq: 19 Sep 2019 07:20

Tgt Ion:112 Resp: 242558

Ion Ratio Lower Upper

112 100

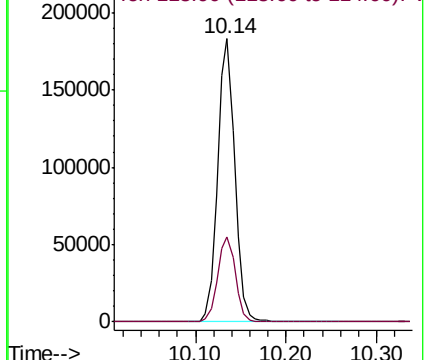
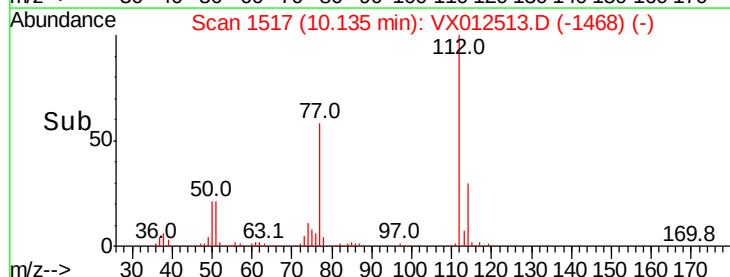
114 30.2 25.4 38.0

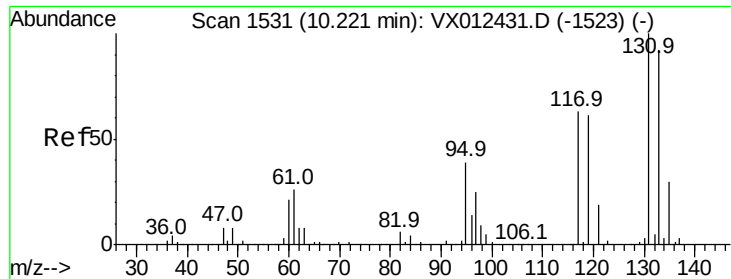


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.514 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

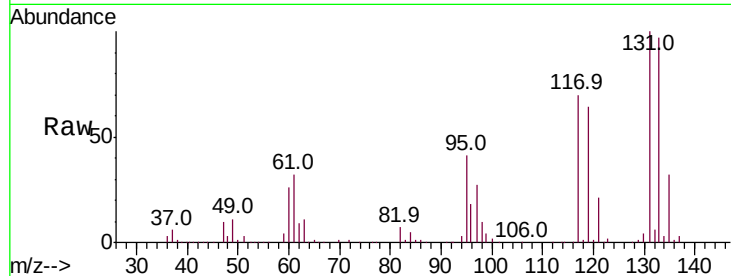
Tot Ion:131 Resp: 103812

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

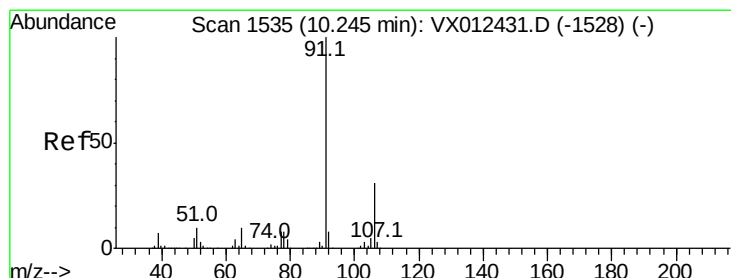
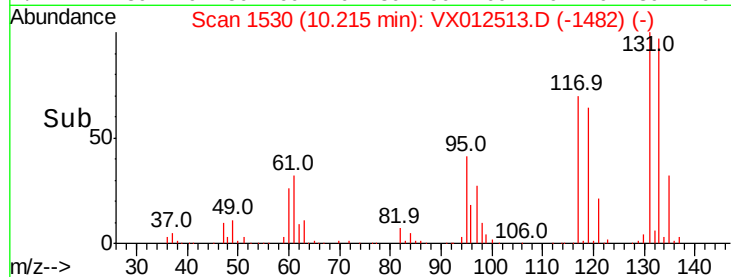
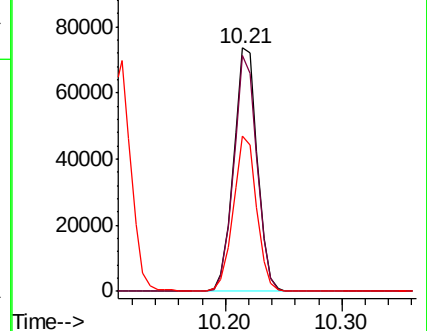
119 62.9 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.090 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012513.D

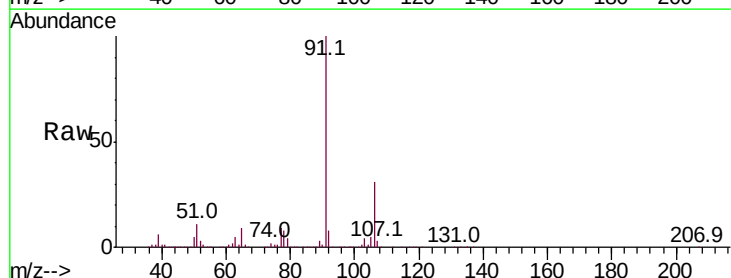
Acq: 19 Sep 2019 07:20

Tgt Ion: 91 Resp: 418091

Ion Ratio Lower Upper

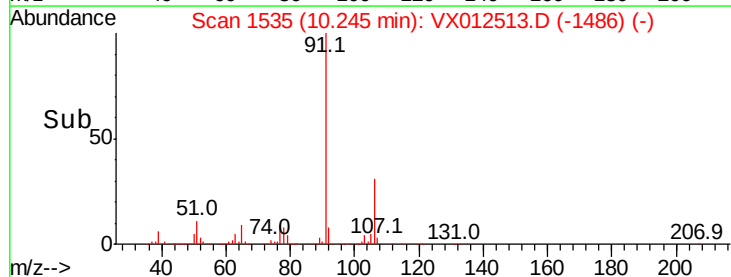
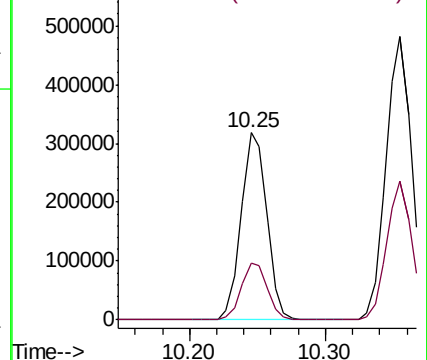
91 100

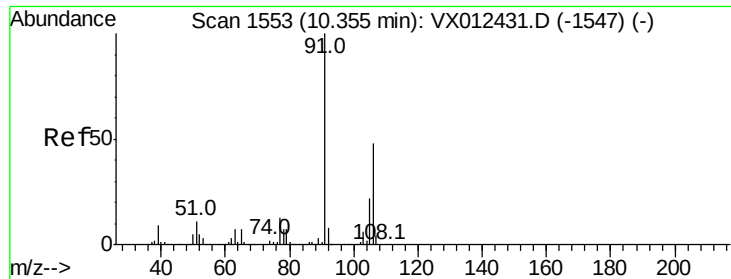
106 30.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

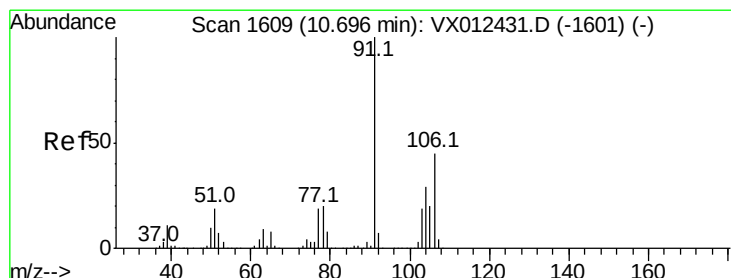
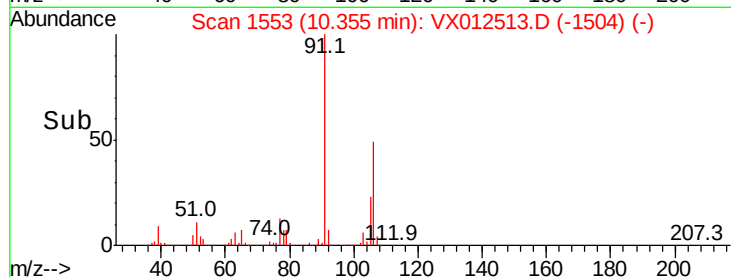
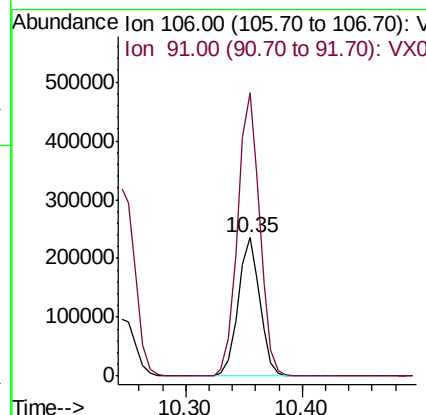
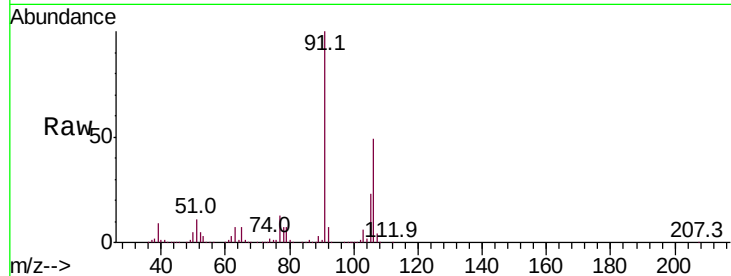




#68
m/p-Xylenes
Concen: 102.348 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

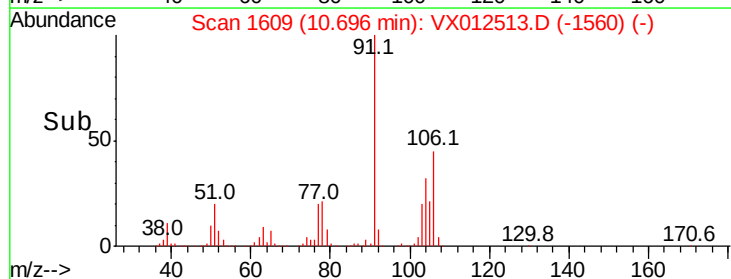
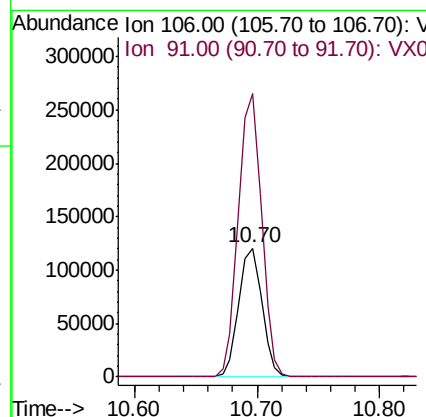
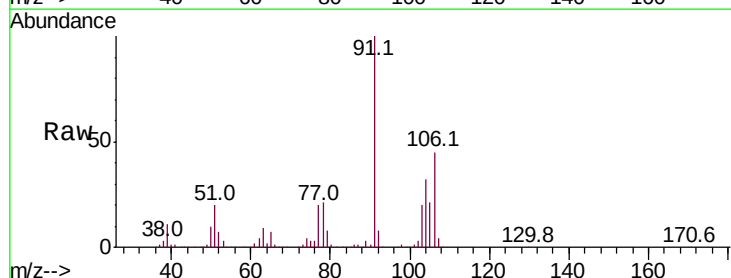
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

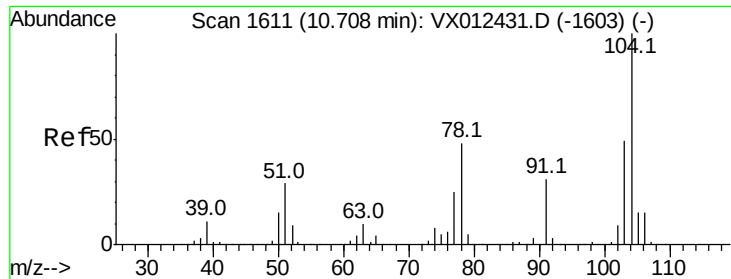
Tot Ion:106 Resp: 304746
Ion Ratio Lower Upper
106 100
91 208.8 166.6 250.0



#69
o-Xylene
Concen: 51.998 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:106 Resp: 159225
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2

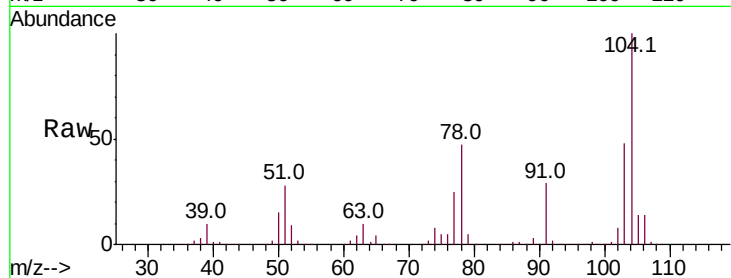




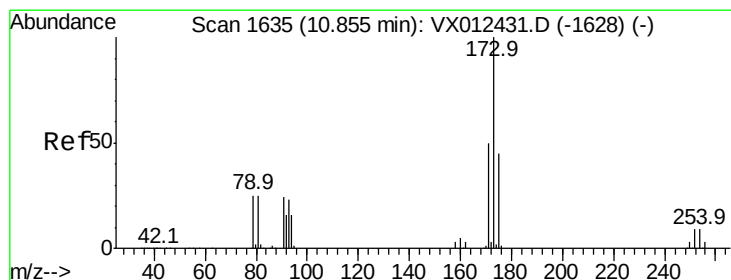
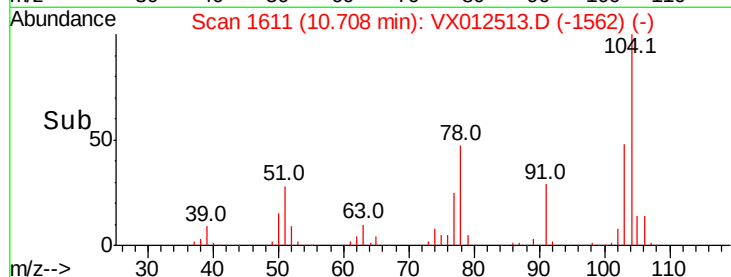
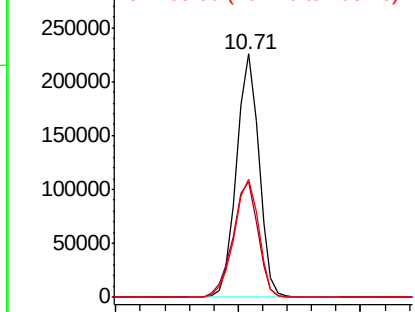
#70
Stvrene
Concen: 52.699 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion:104 Resp: 285517
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 53.4 43.3 64.9

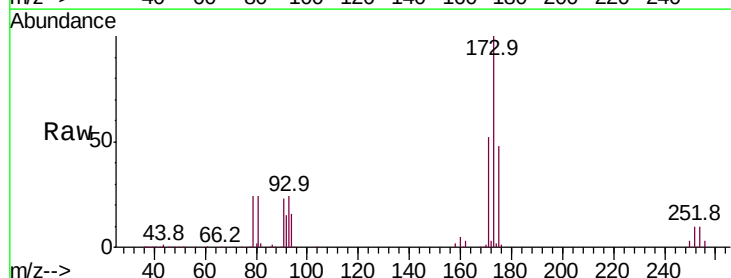


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

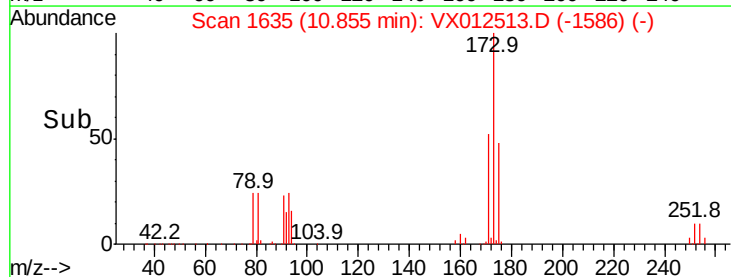
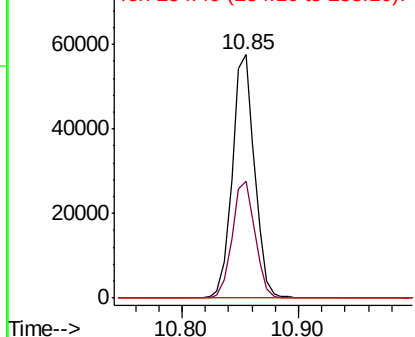


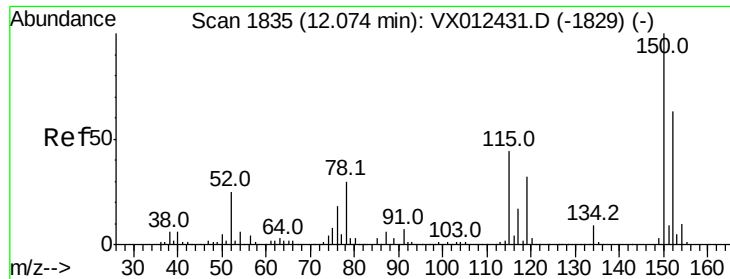
#71
Bromoform
Concen: 45.214 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:173 Resp: 76462
Ion Ratio Lower Upper
173 100
175 49.4 23.7 71.1
254 0.1 0.1 0.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

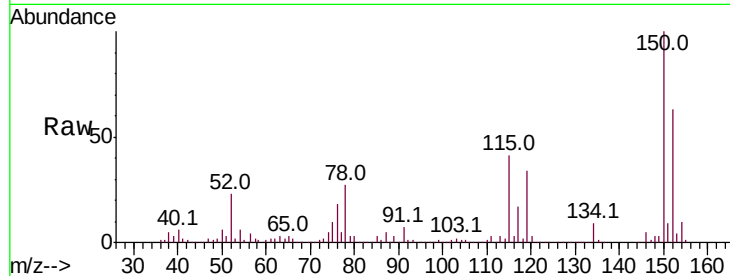
Tot Ion:152 Resp: 137361

Ion Ratio Lower Upper

152 100

115 83.7 44.1 132.3

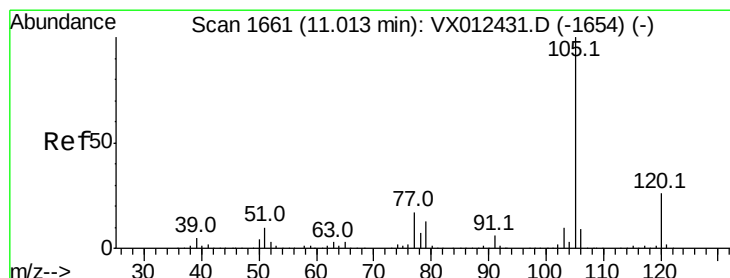
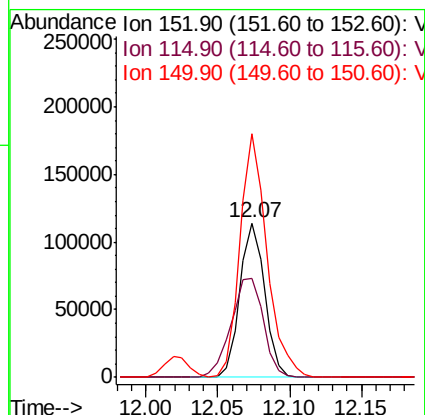
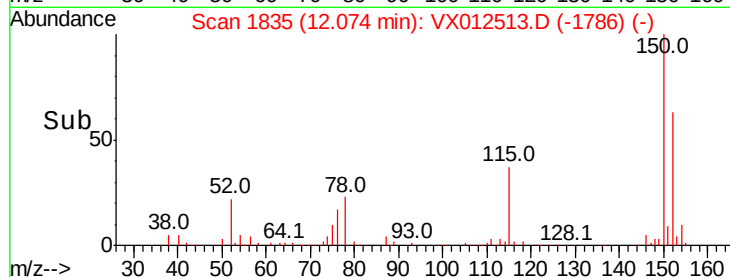
150 171.4 0.0 343.8



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: 51.397 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012513.D

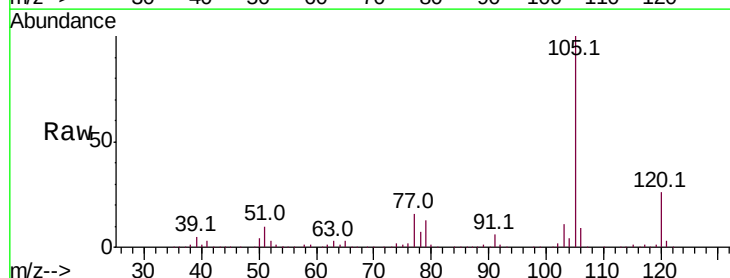
Acq: 19 Sep 2019 07:20

Tgt Ion:105 Resp: 442973

Ion Ratio Lower Upper

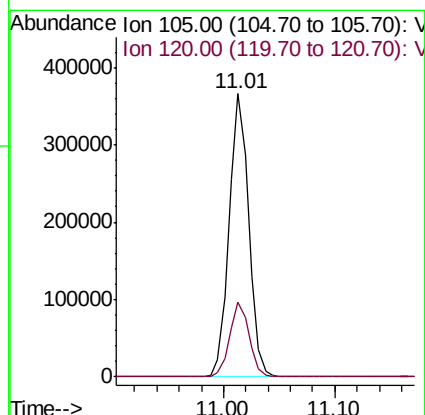
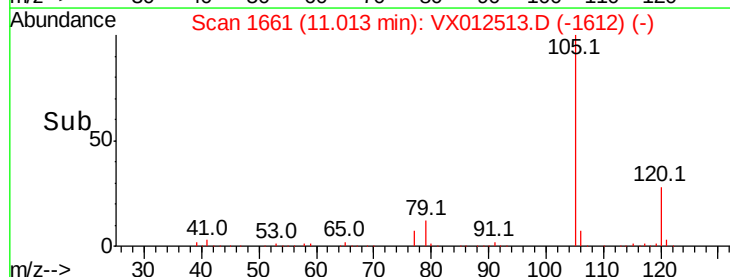
105 100

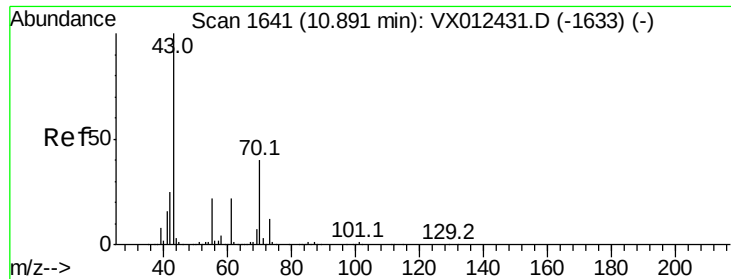
120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.703 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 43 Resp: 239906

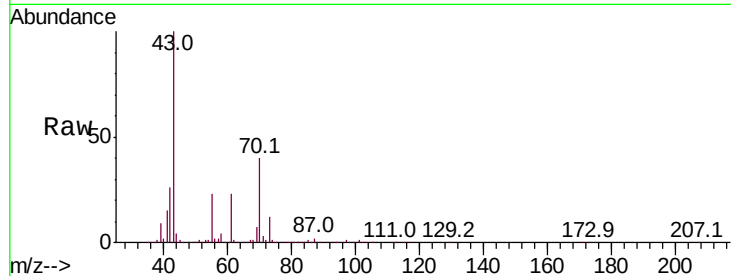
Ion Ratio Lower Upper

43 100

70 40.7 32.4 48.6

55 23.8 18.2 27.4

61 23.7 18.5 27.7

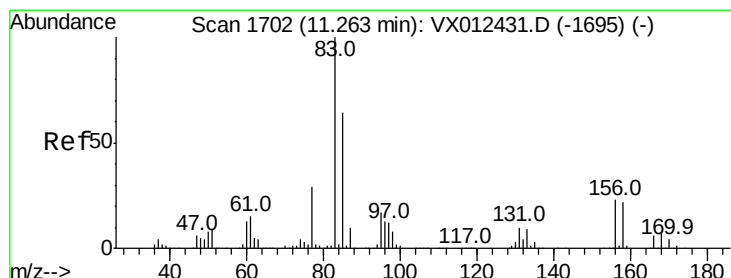
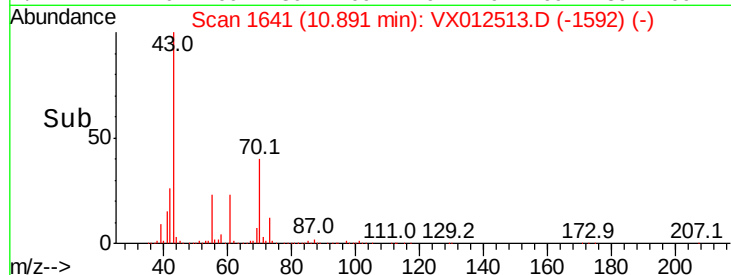
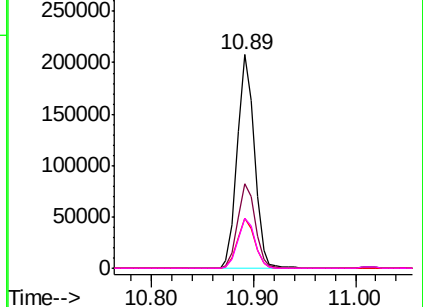


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.659 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

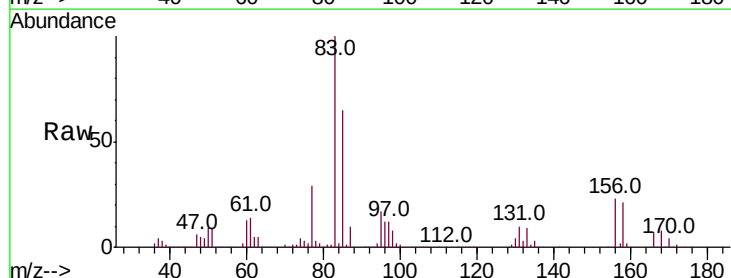
Tgt Ion: 83 Resp: 174651

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

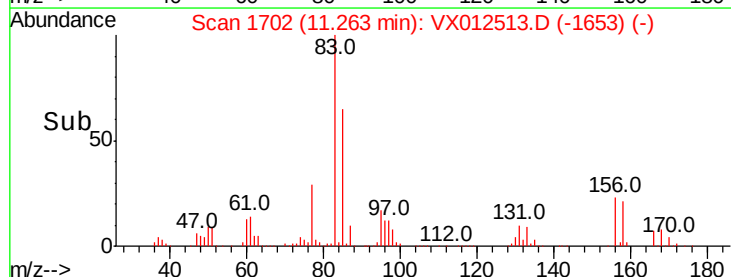
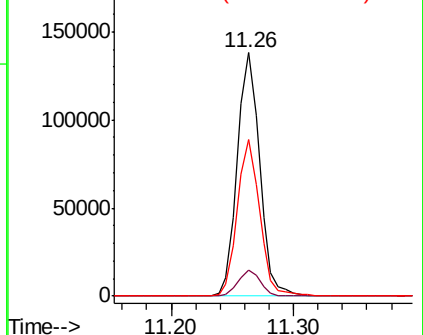
85 64.5 32.0 96.0

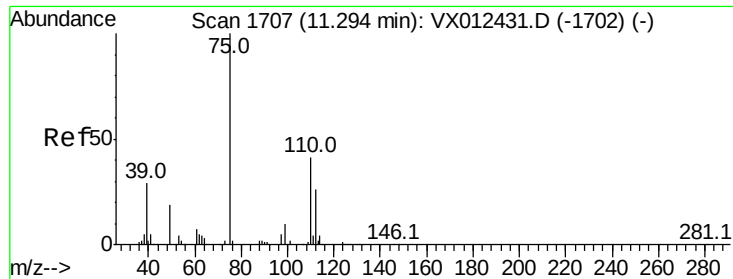


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.309 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

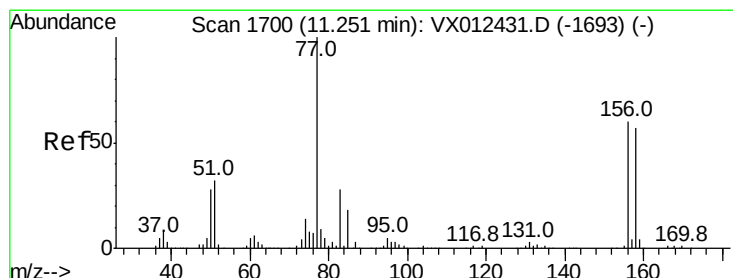
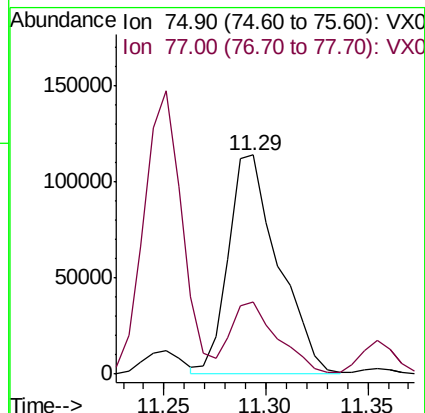
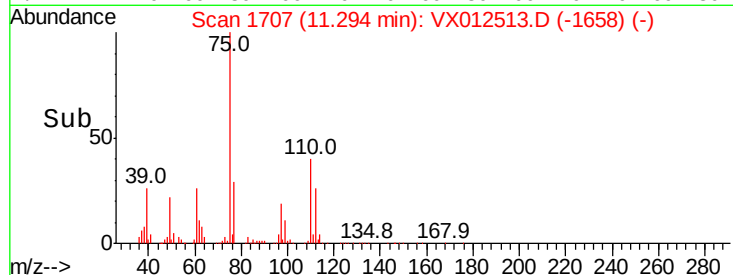
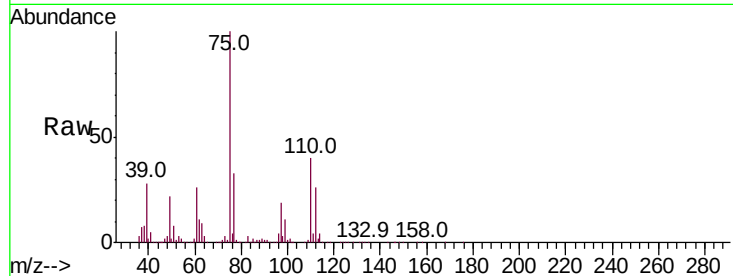
RE122D2-20190909MS

Tot Ion: 75 Resp: 193449

Ion Ratio Lower Upper

75 100

77 30.8 19.7 59.0



#77

Bromobenzene

Concen: 52.663 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

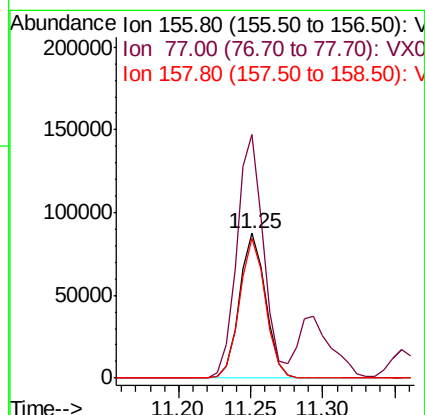
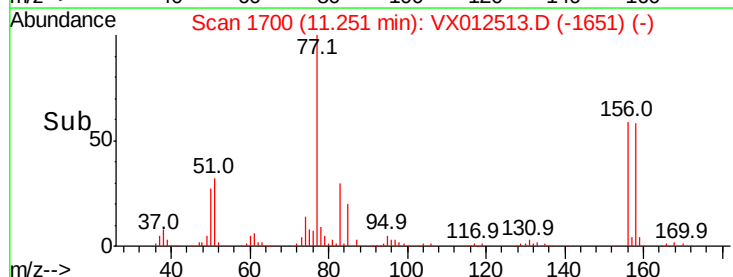
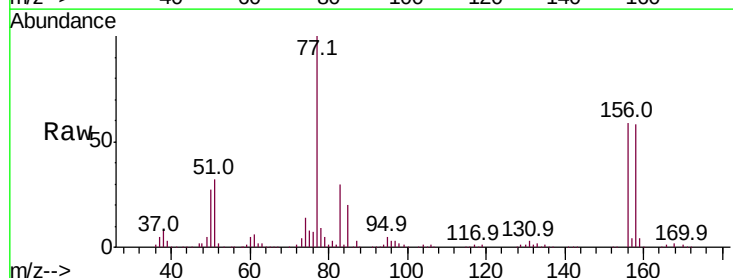
Tgt Ion: 156 Resp: 110693

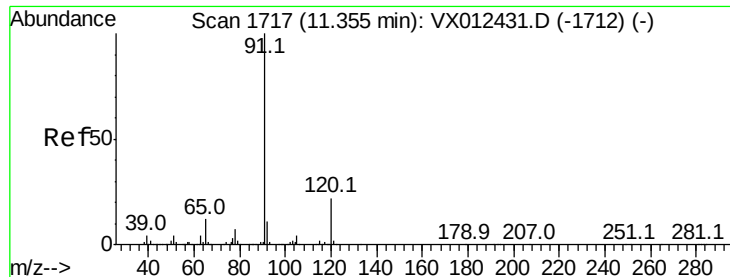
Ion Ratio Lower Upper

156 100

77 172.7 87.3 261.8

158 96.2 48.5 145.6





#78

n-propylbenzene

Concen: 50.780 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

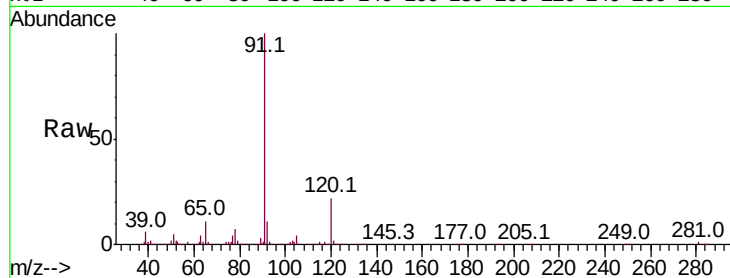
RE122D2-20190909MS

Tot Ion: 91 Resp: 487784

Ion Ratio Lower Upper

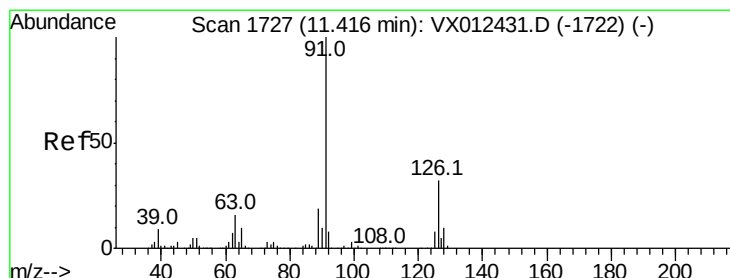
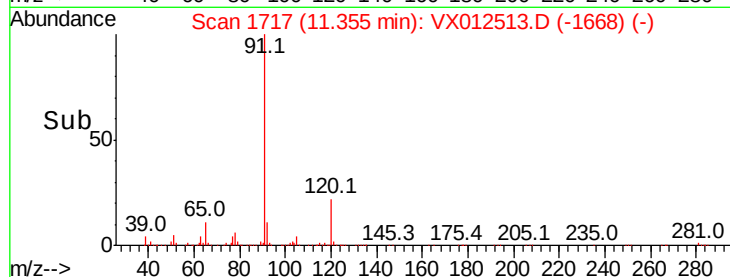
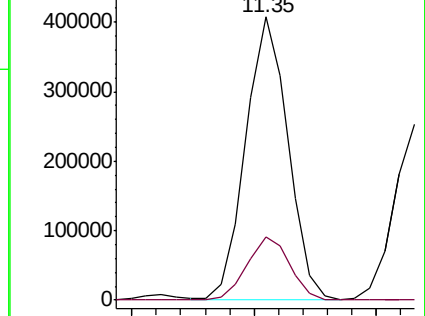
91 100

120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.822 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012513.D

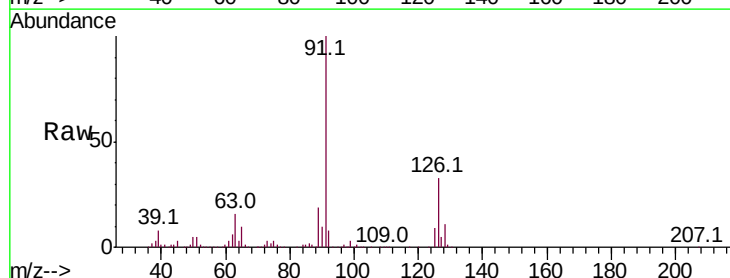
Acq: 19 Sep 2019 07:20

Tgt Ion: 91 Resp: 311341

Ion Ratio Lower Upper

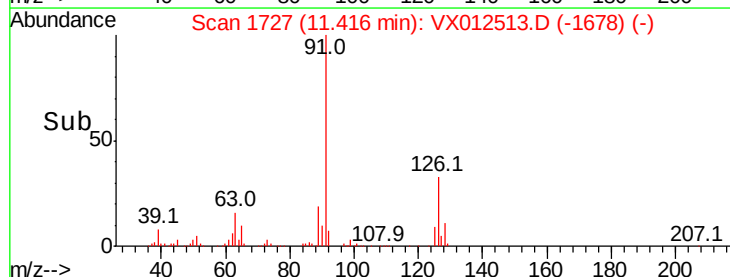
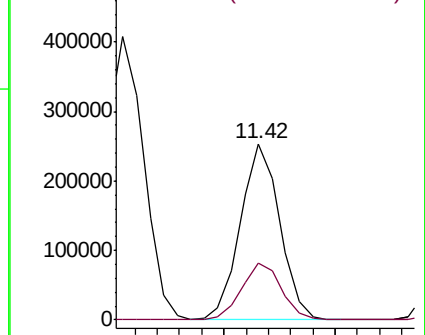
91 100

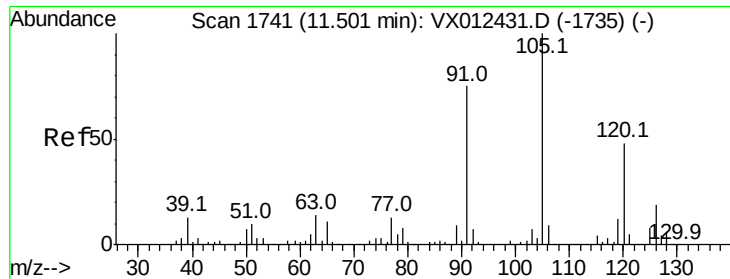
126 32.9 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

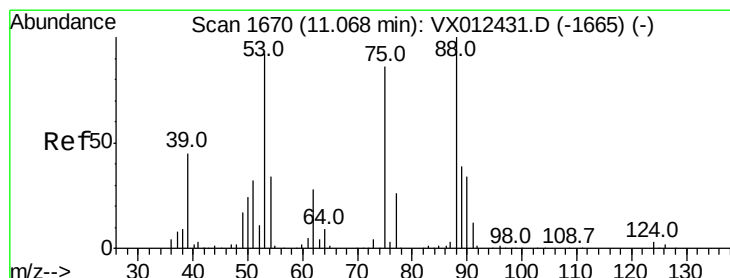
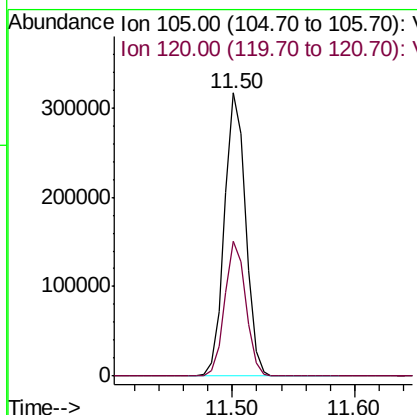
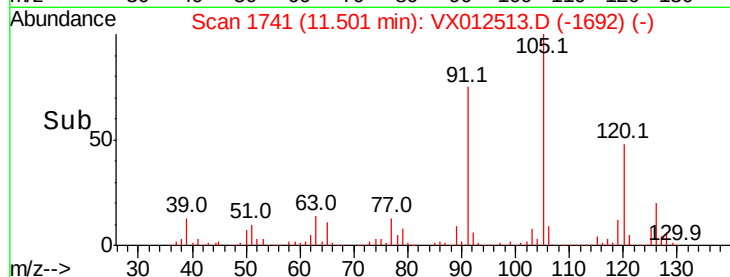
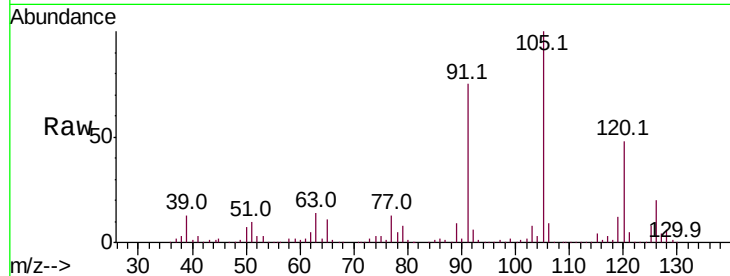




#80
 1,3,5-Trimethylbenzene
 Concen: 51.335 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

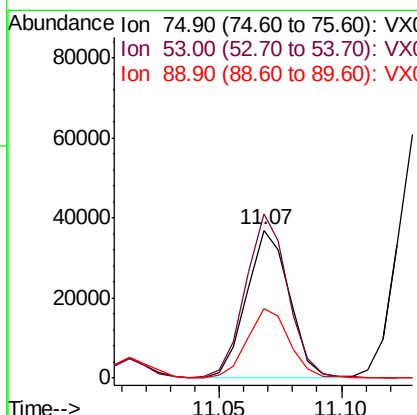
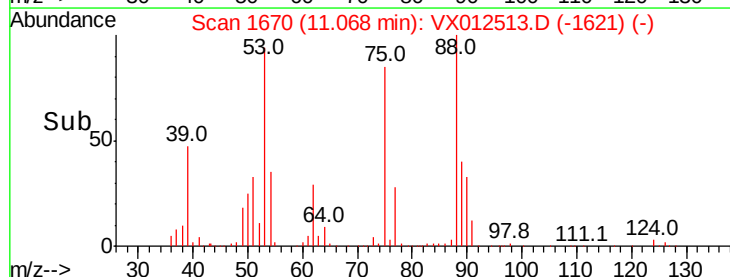
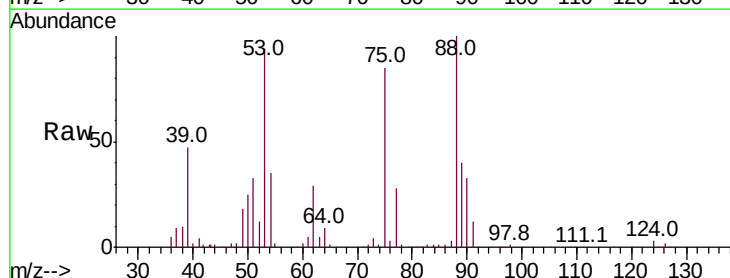
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

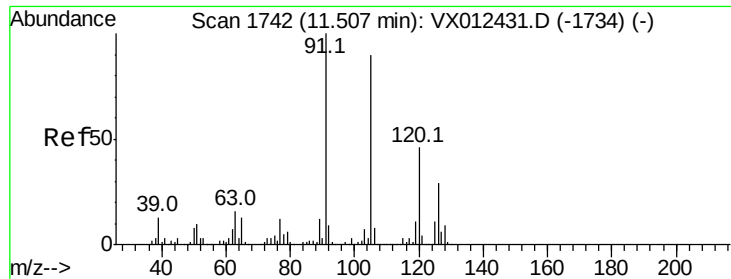
Tot Ion:105 Resp: 377330
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.443 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 75 Resp: 44532
 Ion Ratio Lower Upper
 75 100
 53 110.4 83.6 125.4
 89 46.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 50.416 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

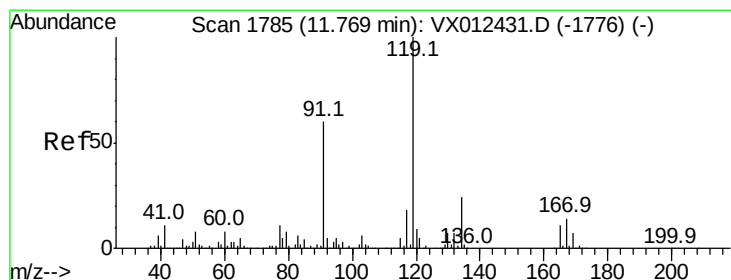
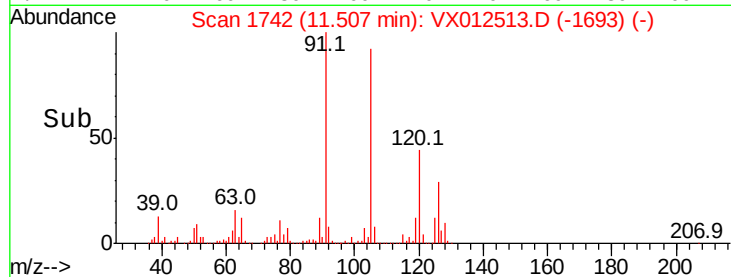
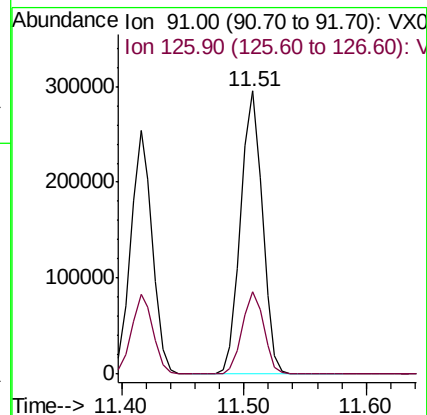
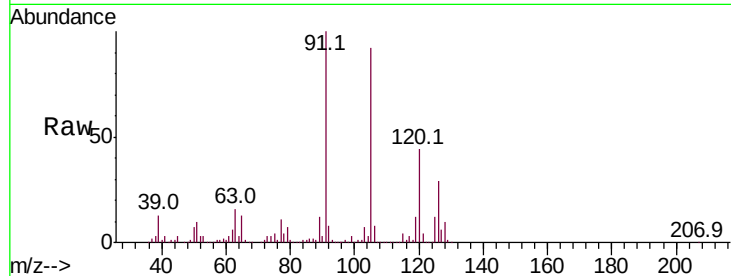
RE122D2-20190909MS

Tot Ion: 91 Resp: 361589

Ion Ratio Lower Upper

91 100

126 28.9 14.4 43.0



#83

tert-Butylbenzene

Concen: 50.037 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

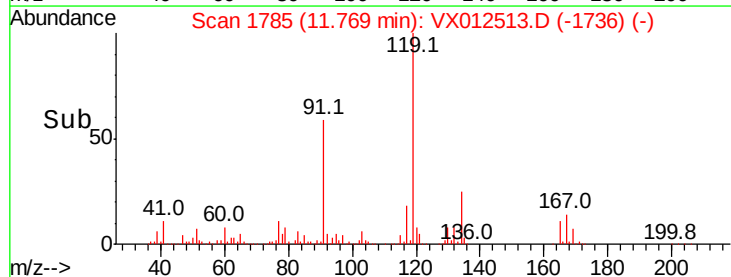
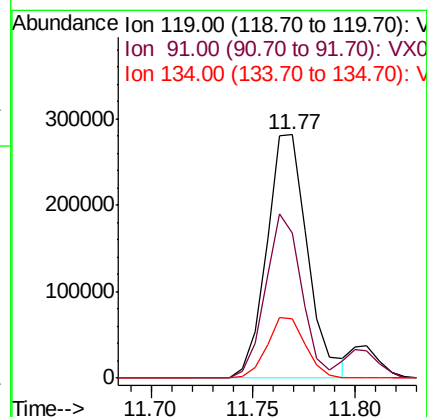
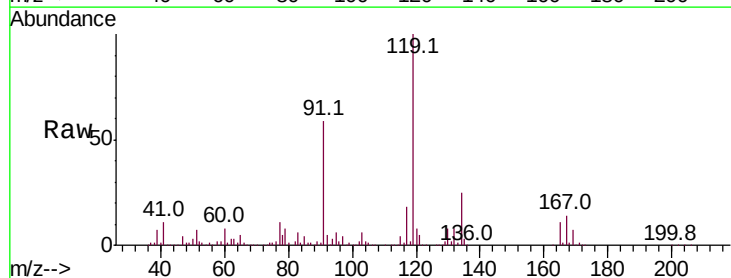
Tgt Ion: 119 Resp: 394097

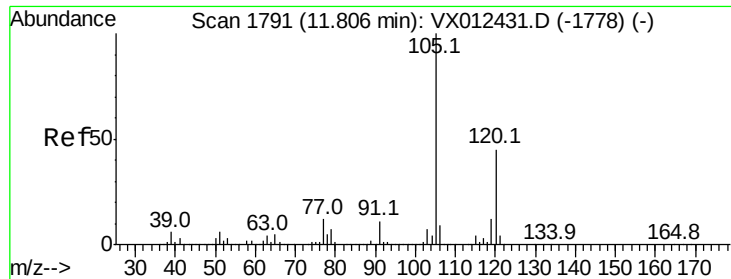
Ion Ratio Lower Upper

119 100

91 59.8 30.0 90.0

134 23.5 11.3 33.9

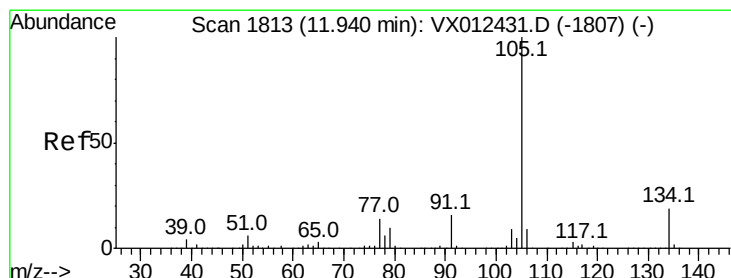
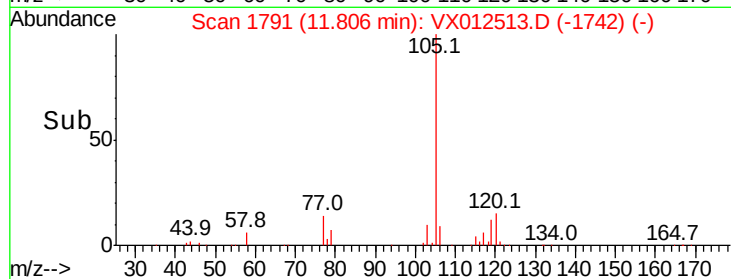
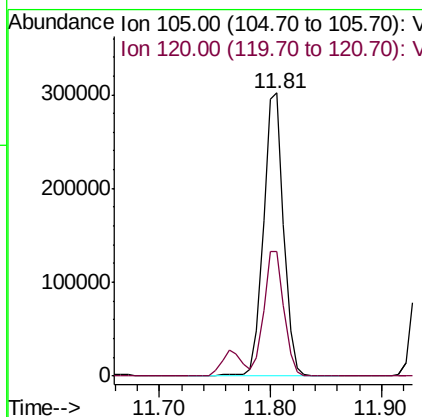
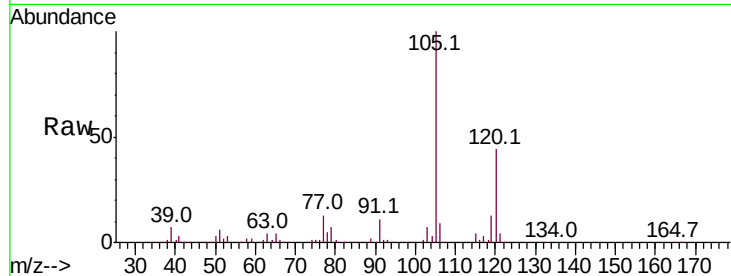




#84
 1,2,4-Trimethylbenzene
 Concen: 50.830 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

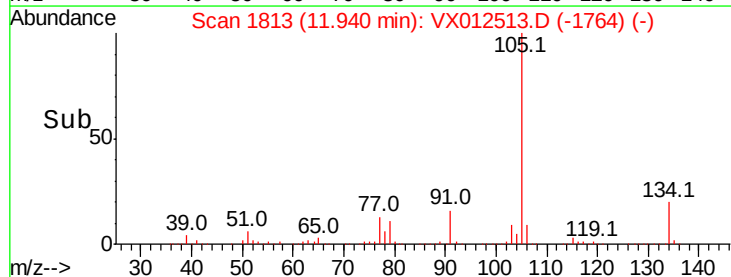
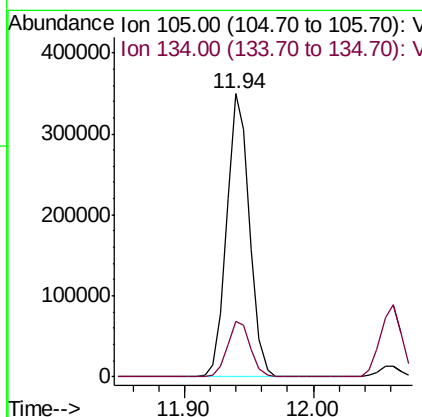
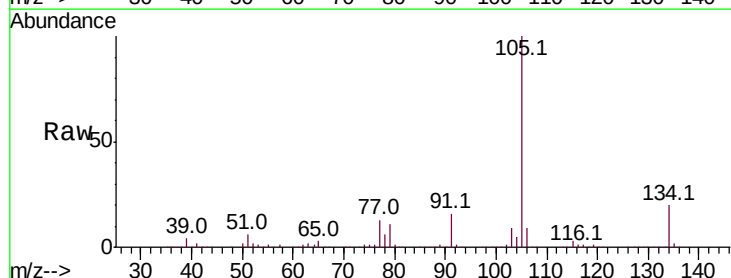
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

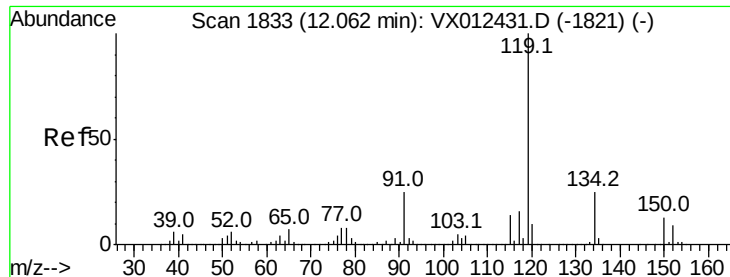
Tot Ion:105 Resp: 383613
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:105 Resp: 432537
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

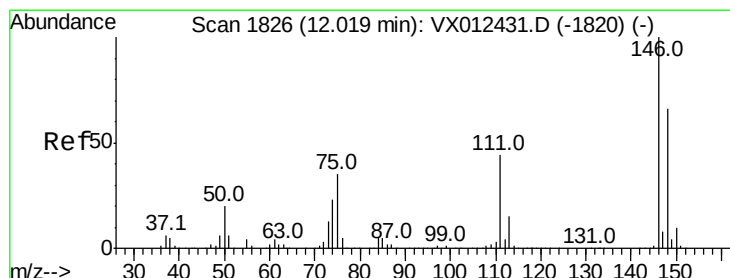
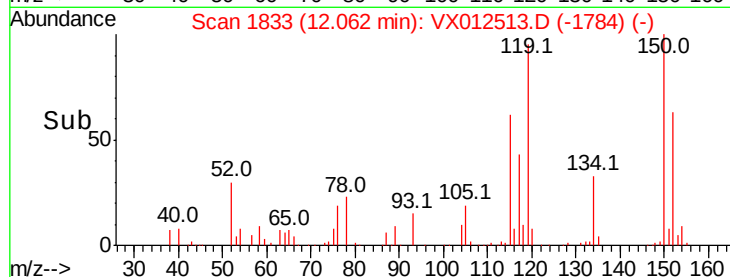
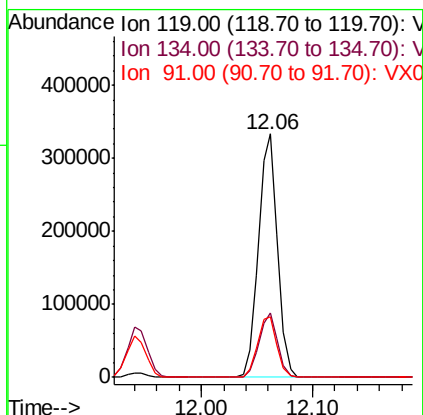
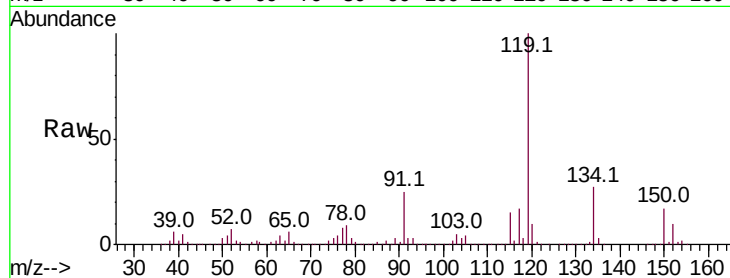




#86
 p-Isopropyltoluene
 Concen: 49.838 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

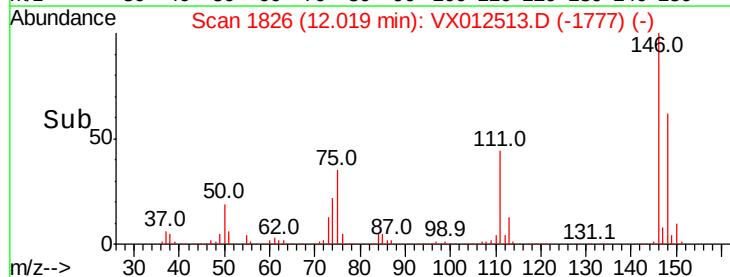
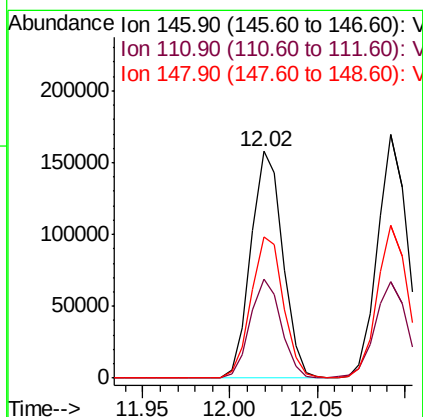
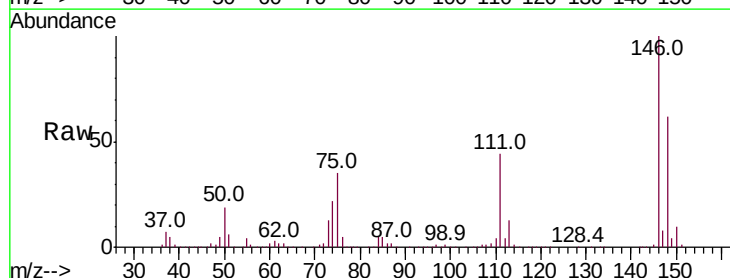
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

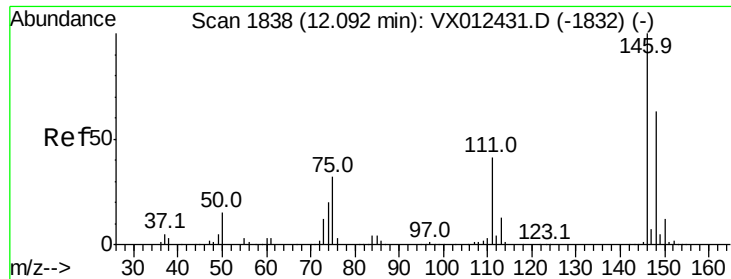
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.7	38.1
91	25.3	12.8	38.4



#87
 1,3-Dichlorobenzene
 Concen: 50.748 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	64.0
148	63.0	32.4	97.2

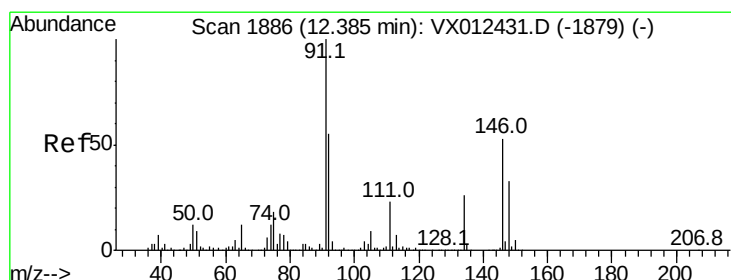
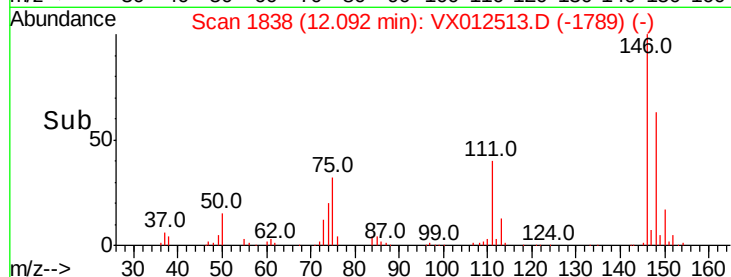
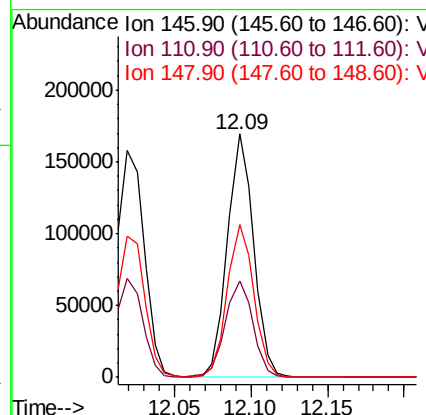
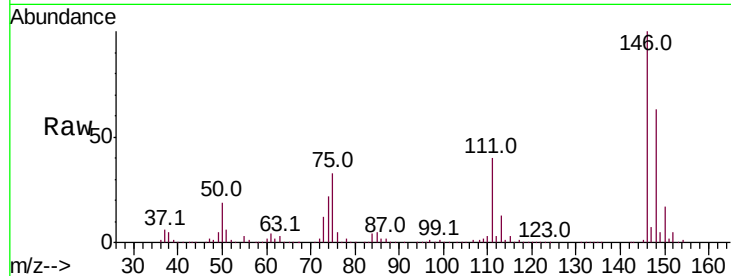




#88
 1,4-Dichlorobenzene
 Concen: 49.614 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

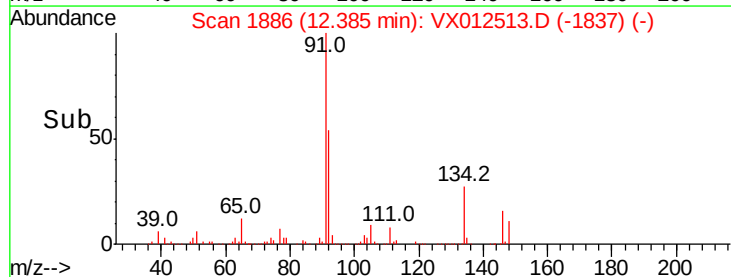
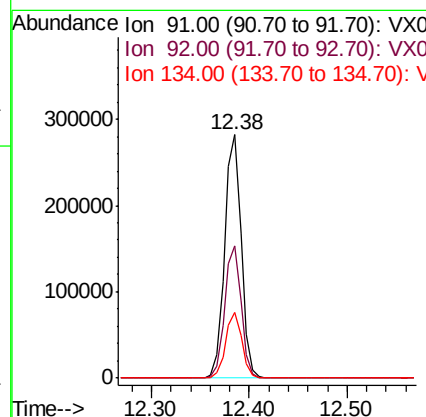
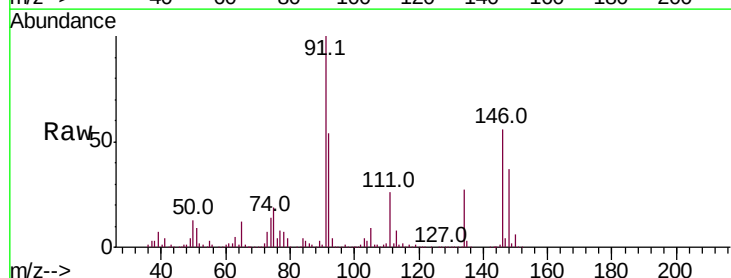
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

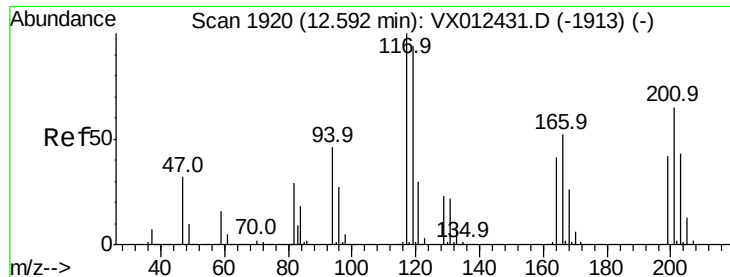
Tot Ion:146 Resp: 201508
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.3
 148 63.8 32.1 96.5



#89
 n-Butylbenzene
 Concen: 46.428 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 91 Resp: 330137
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.7 83.0
 134 26.6 12.9 38.6

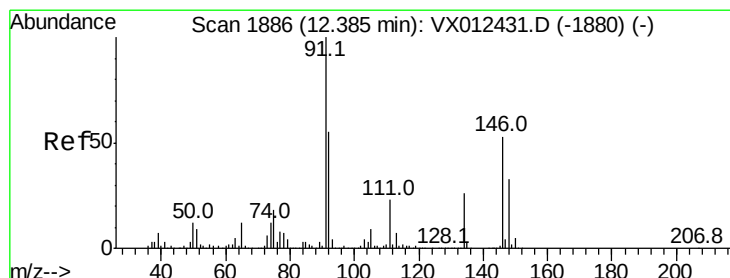
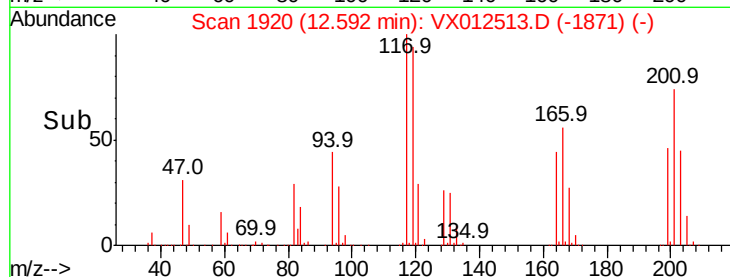
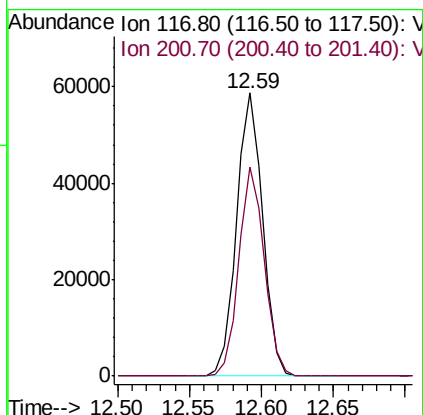
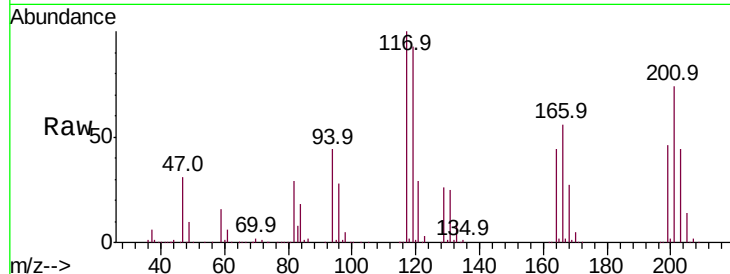




#90
Hexachloroethane
Concen: 50.722 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

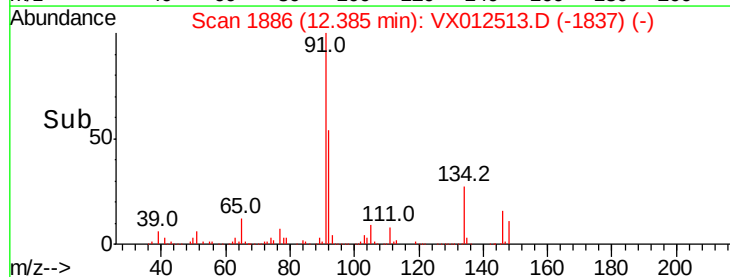
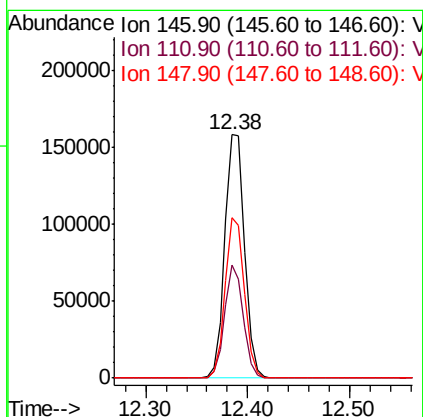
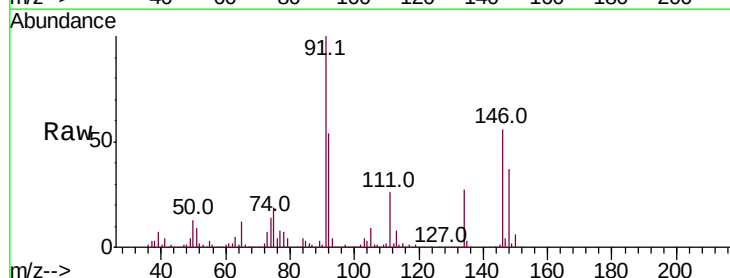
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

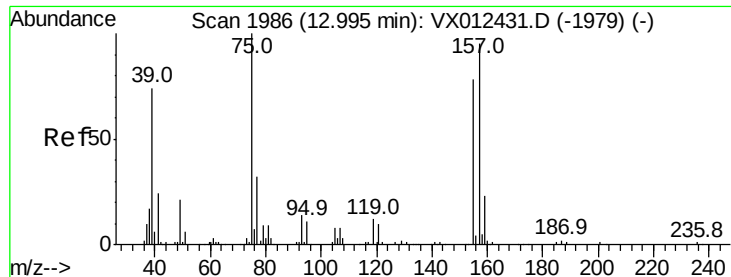
Tot Ion:117 Resp: 74119
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 51.192 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:146 Resp: 211553
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 64.1 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.407 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

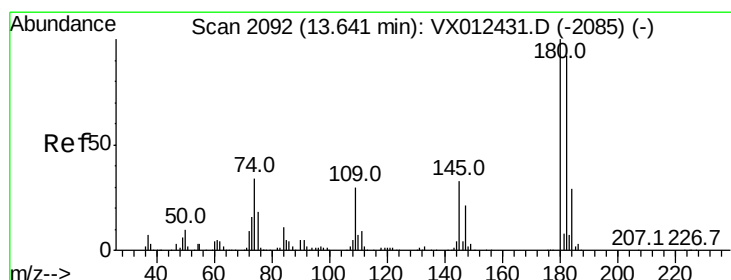
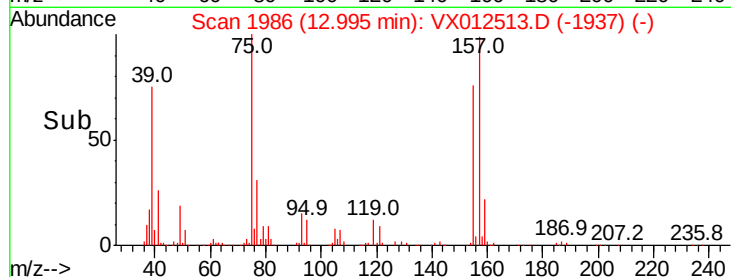
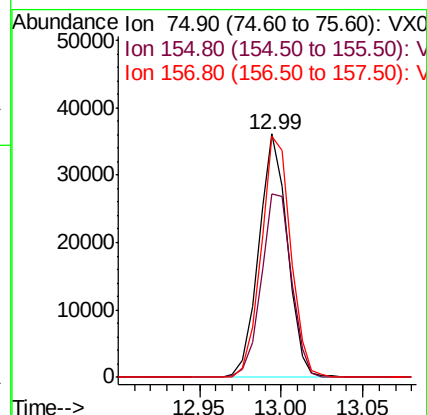
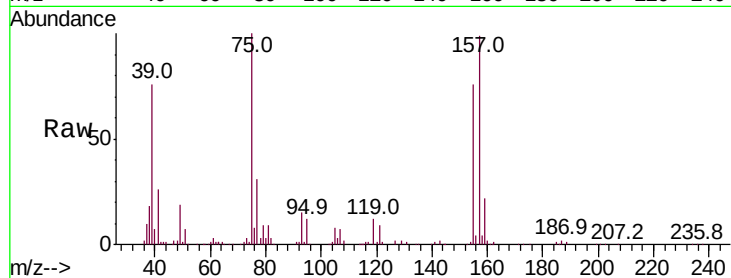
Tot Ion: 75 Resp: 44182

Ion Ratio Lower Upper

75 100

155 79.4 38.6 115.8

157 101.9 50.6 151.9



#93

1,2,4-Trichlorobenzene

Concen: 49.226 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

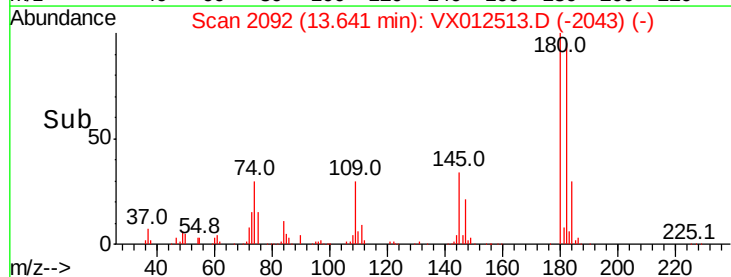
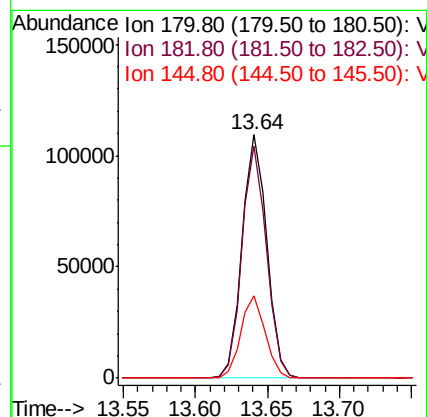
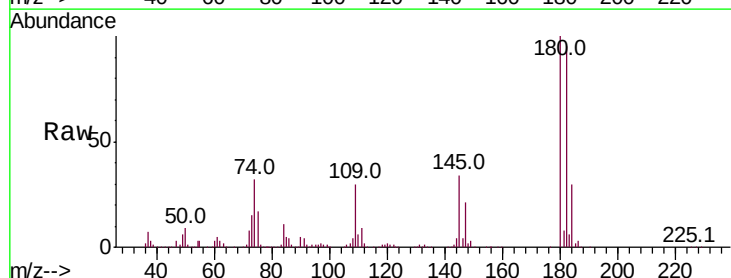
Tgt Ion:180 Resp: 131032

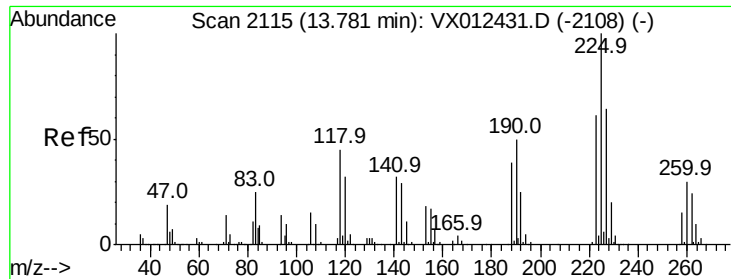
Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 33.6 16.8 50.4





#94

Hexachlorobutadiene

Concen: 43.818 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

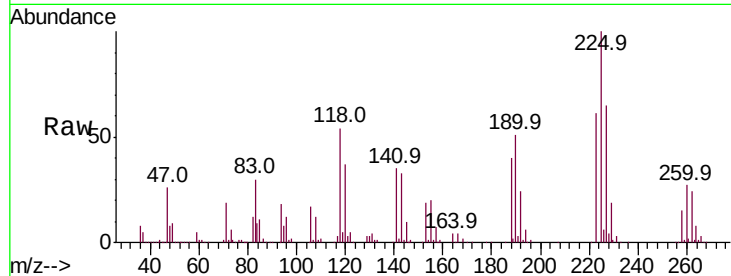
Tot Ion:225 Resp: 54973

Ion Ratio Lower Upper

225 100

223 63.5 32.0 96.2

227 65.2 31.9 95.5

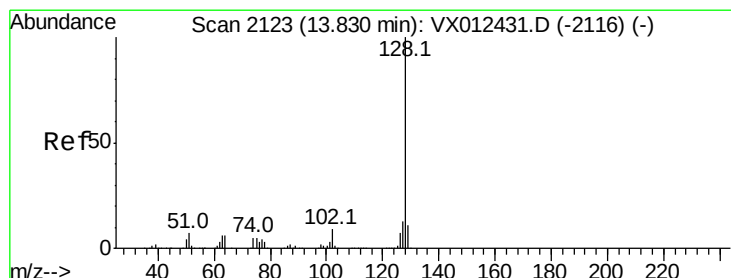
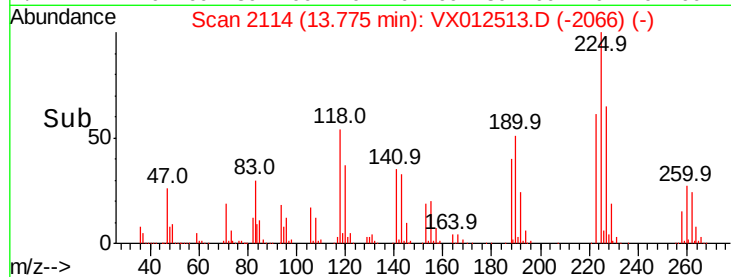
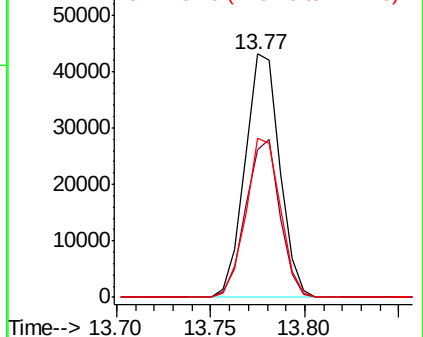


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.210 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

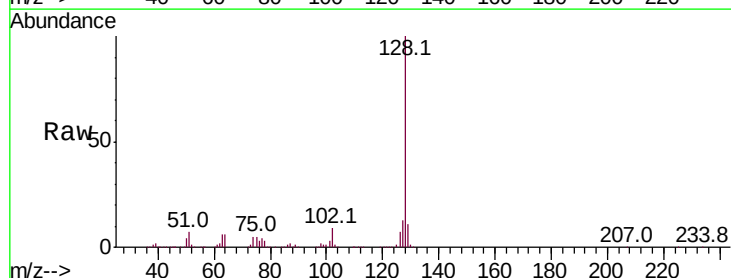
Tgt Ion:128 Resp: 485030

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.8 13.2

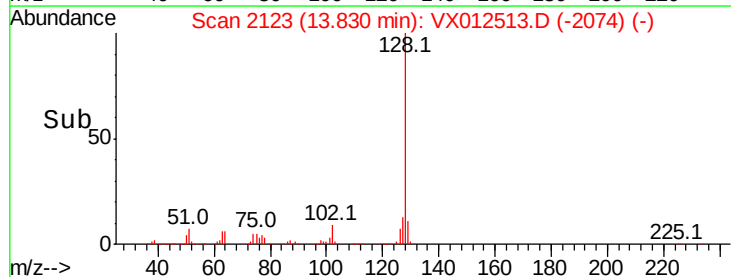
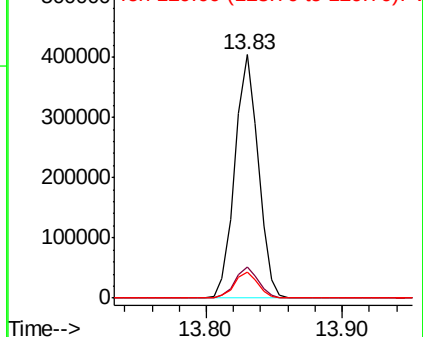


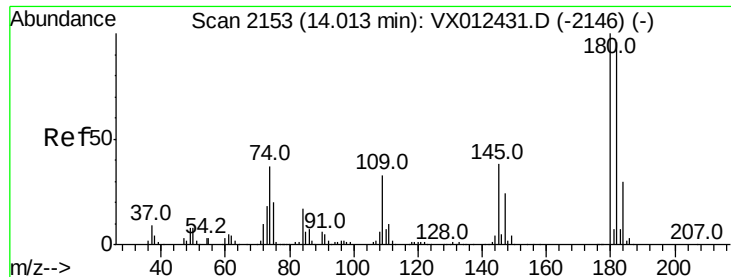
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

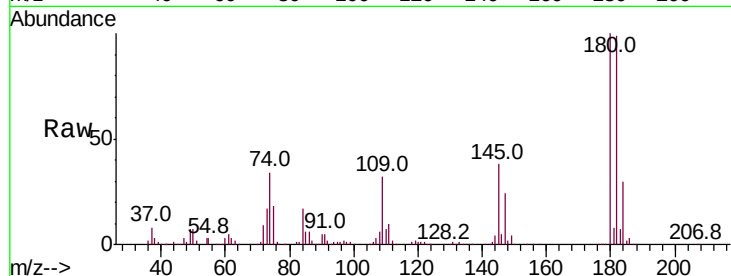




#96
 1,2,3-Trichlorobenzene
 Concen: 50.225 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.3
145	35.5	18.0	54.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

