

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012545.D
 Acq On : 20 Sep 2019 10:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 16:18:14 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	5.64	168	186442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	136527	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	127460	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.48	113	93455	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	8.71	98	338789	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	138664	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	57799	46.494	ug/l	99
3) Chloromethane	1.31	50	50117	48.894	ug/l	100
4) Vinyl Chloride	1.40	62	53694	48.467	ug/l	100
5) Bromomethane	1.62	94	21008	48.267	ug/l	95
6) Chloroethane	1.71	64	38198	44.061	ug/l	97
7) Trichlorofluoromethane	1.92	101	103883	51.153	ug/l	99
8) Diethyl Ether	2.18	74	46515	50.710	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66269	45.100	ug/l	99
10) Methyl Iodide	2.50	142	59226	47.239	ug/l	98
11) Tert butyl alcohol	3.03	59	151532	222.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52126	44.470	ug/l	99
13) Acrolein	2.28	56	55498	236.438	ug/l	100
14) Allyl chloride	2.72	41	135517	49.658	ug/l	100
15) Acrylonitrile	3.12	53	288590	249.232	ug/l	99
16) Acetone	2.43	43	331467	272.192	ug/l	99
17) Carbon Disulfide	2.56	76	70813	42.980	ug/l	100
18) Methyl Acetate	2.76	43	137464	49.369	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	326561	51.096	ug/l	97
20) Methylene Chloride	2.84	84	79478	49.147	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	60507	49.709	ug/l	96
22) Diisopropyl ether	3.84	45	323095	50.565	ug/l	98
23) Vinyl Acetate	3.80	43	1373168	261.247	ug/l	99
24) 1,1-Dichloroethane	3.68	63	153597	50.241	ug/l	99
25) 2-Butanone	4.65	43	455371	245.678	ug/l	99
26) 2,2-Dichloropropane	4.56	77	140188	46.625	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	92360	50.794	ug/l	97
28) Bromochloromethane	5.00	49	78779	49.983	ug/l	98
29) Tetrahydrofuran	5.11	42	256720	250.713	ug/l	100
30) Chloroform	5.19	83	169517	48.280	ug/l	99
31) Cyclohexane	5.56	56	92502	50.122	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	143591	48.931	ug/l	99
36) 1,1-Dichloropropene	5.78	75	92308	49.685	ug/l	97
37) Ethyl Acetate	4.81	43	151441	53.104	ug/l	99
38) Carbon Tetrachloride	5.76	117	113762	49.234	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92728	51.342	ug/l	99
40) Benzene	6.12	78	305646	51.736	ug/l	96
41) Methacrylonitrile	5.02	41	90484	49.276	ug/l	98
42) 1,2-Dichloroethane	6.18	62	140224	51.174	ug/l	100
43) Isopropyl Acetate	6.43	43	263609	51.502	ug/l	100
44) Trichloroethene	7.20	130	81962	52.740	ug/l	98
45) 1,2-Dichloropropane	7.50	63	93963	51.769	ug/l	98
46) Dibromomethane	7.65	93	61629	52.470	ug/l	98
47) Bromodichloromethane	7.89	83	138392	52.917	ug/l	98
48) Methyl methacrylate	7.76	41	124793	51.722	ug/l	99
49) 1,4-Dioxane	7.73	88	58139	990.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	853602	254.303	ug/l	99
52) Toluene	8.78	92	200101	52.563	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	146553	53.908	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	156163	55.486	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	103119	52.578	ug/l	98
56) Ethyl methacrylate	9.17	69	161792	52.762	ug/l	99
57) 1,3-Dichloropropane	9.36	76	165831	52.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	440625	277.593	ug/l	99
59) 2-Hexanone	9.48	43	664680	253.818	ug/l	98
60) Dibromochloromethane	9.57	129	108630	54.376	ug/l	100
61) 1,2-Dibromoethane	9.67	107	97501	54.432	ug/l	100
64) Tetrachloroethene	9.33	164	74719	59.386	ug/l	94
65) Chlorobenzene	10.14	112	236792	52.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102746	54.629	ug/l	99
67) Ethyl Benzene	10.25	91	408294	52.440	ug/l	98
68) m/p-Xylenes	10.35	106	297909	105.160	ug/l	100
69) o-Xylene	10.70	106	153636	52.734	ug/l	99
70) Styrene	10.71	104	277844	53.902	ug/l	100
71) Bromoform	10.85	173	78598	48.619	ug/l #	99
73) Isopropylbenzene	11.01	105	432750	50.518	ug/l	100
74) N-amyl acetate	10.89	43	238607	51.737	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	167139	49.739	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	197657	63.026	ug/l	86
77) Bromobenzene	11.25	156	107458	51.436	ug/l	99
78) n-propylbenzene	11.35	91	486113	50.915	ug/l	99
79) 2-Chlorotoluene	11.42	91	304928	49.093	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	370511	50.716	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52996	46.616	ug/l	98
82) 4-Chlorotoluene	11.51	91	361332	50.688	ug/l	99
83) tert-Butylbenzene	11.76	119	381798	48.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	381708	50.886	ug/l	99
85) sec-Butylbenzene	11.94	105	434414	50.360	ug/l	99
86) p-Isopropyltoluene	12.06	119	402734	50.844	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203608	51.810	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	207657	51.441	ug/l	99
89) n-Butylbenzene	12.39	91	351884	49.789	ug/l	99
90) Hexachloroethane	12.59	117	71808	49.441	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	205955	50.142	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43815	50.294	ug/l	99

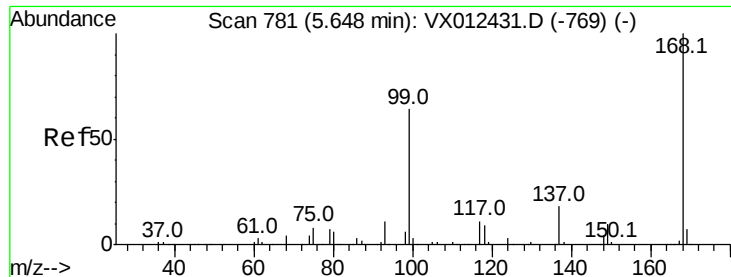
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142755	53.958	ug/l	99
94) Hexachlorobutadiene	13.78	225	59878	48.020	ug/l	97
95) Naphthalene	13.83	128	509094	54.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143841	53.353	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

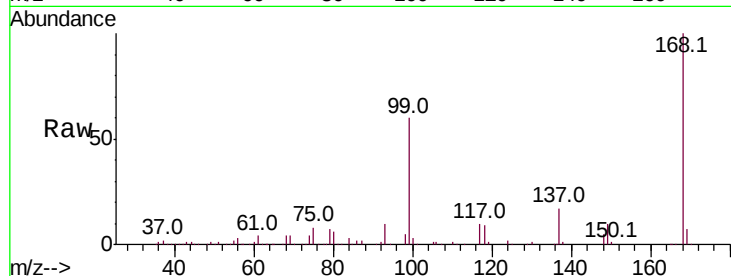
VSTDCCC050

Tot Ion:168 Resp: 186442

Ion Ratio Lower Upper

168 100

99 60.1 51.4 77.2

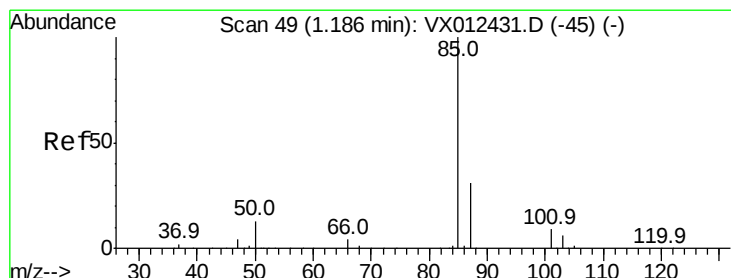
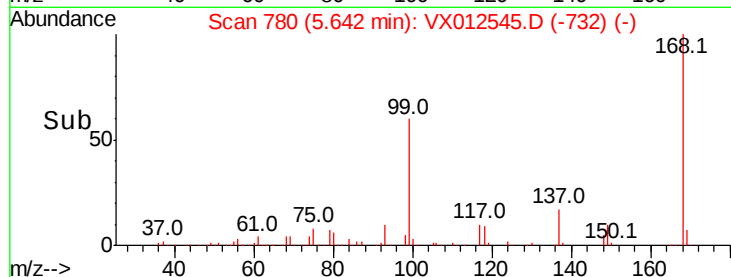


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: 46.494 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012545.D

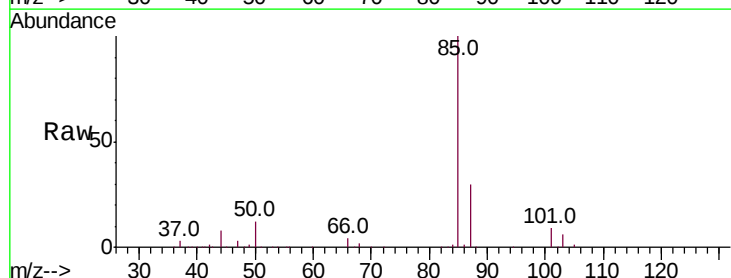
Acq: 20 Sep 2019 10:16

Tgt Ion: 85 Resp: 57799

Ion Ratio Lower Upper

85 100

87 30.4 15.6 46.8

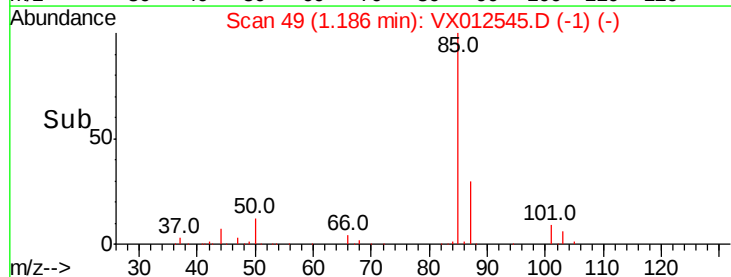


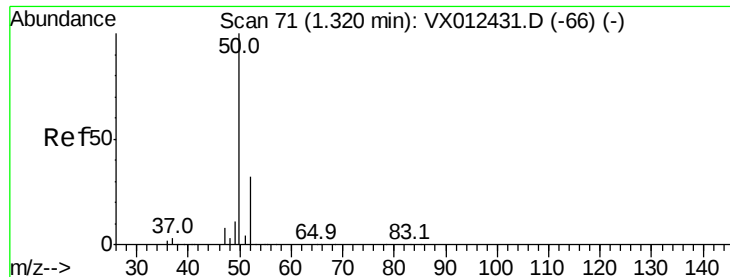
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->





#3

Chloromethane

Concen: 48.894 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

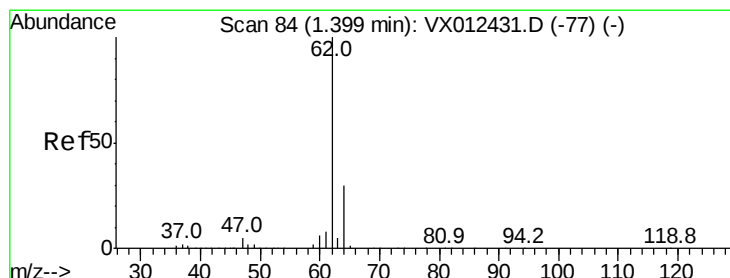
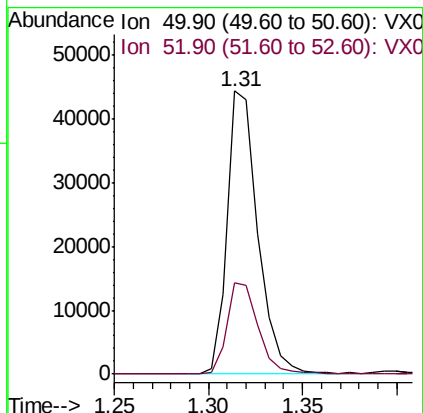
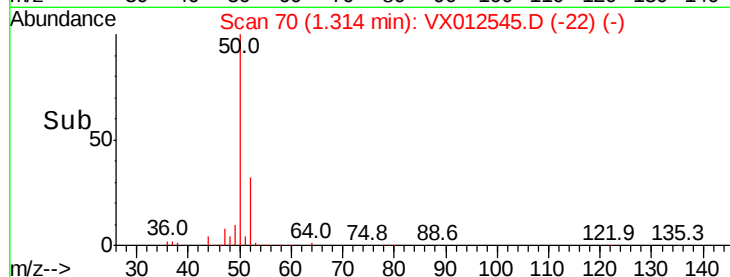
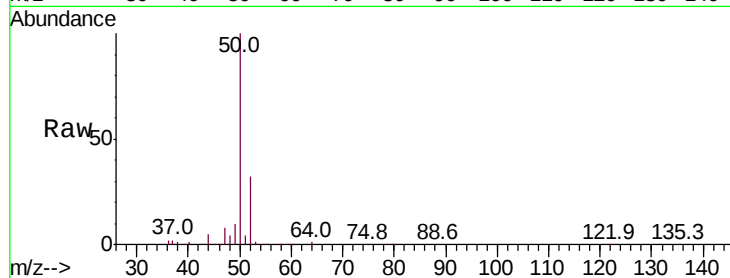
VSTDCCC050

Tot Ion: 50 Resp: 50117

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



#4

Vinyl Chloride

Concen: 48.467 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012545.D

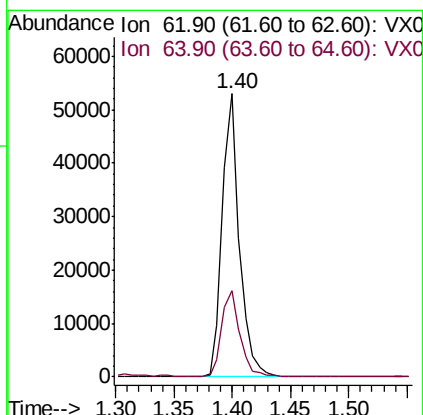
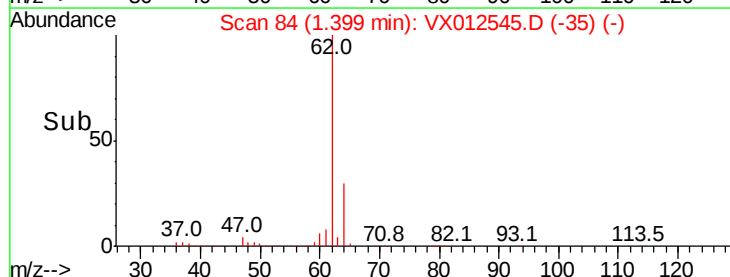
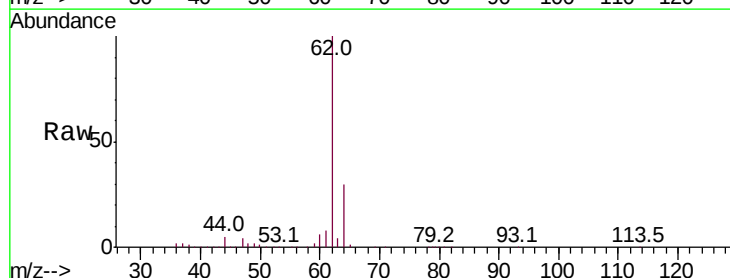
Acq: 20 Sep 2019 10:16

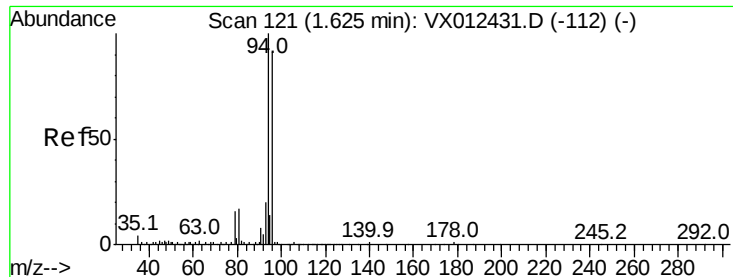
Tgt Ion: 62 Resp: 53694

Ion Ratio Lower Upper

62 100

64 30.3 24.2 36.2





#5

Bromomethane

Concen: 48.267 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

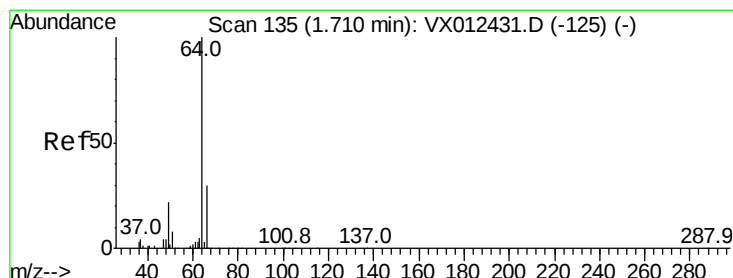
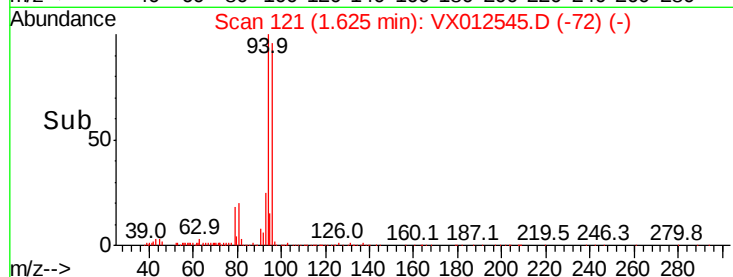
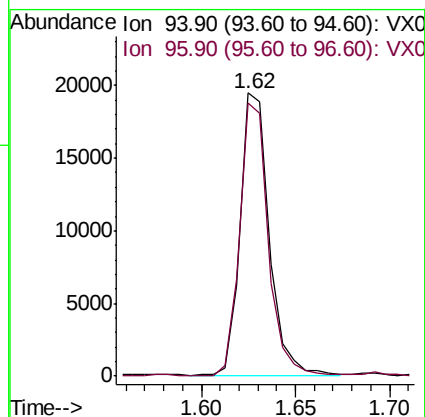
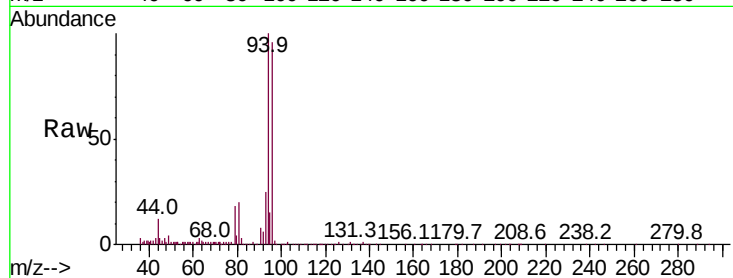
VSTDCCC050

Tot Ion: 94 Resp: 21008

Ion Ratio Lower Upper

94 100

96 96.0 72.8 109.2



#6

Chloroethane

Concen: 44.061 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012545.D

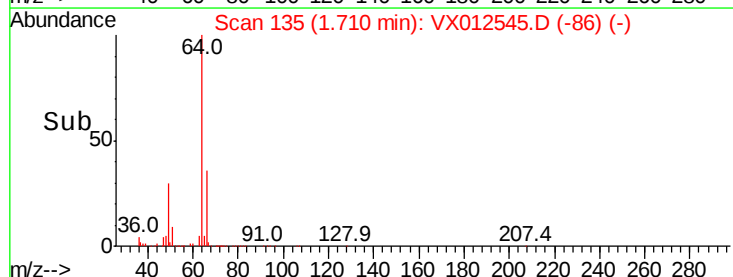
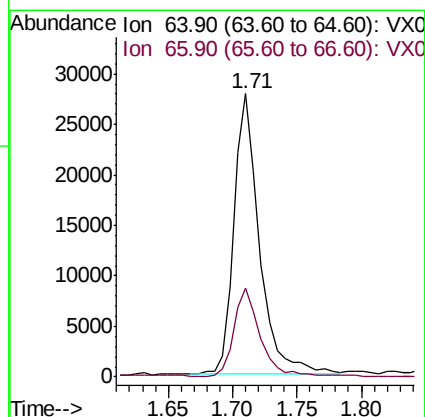
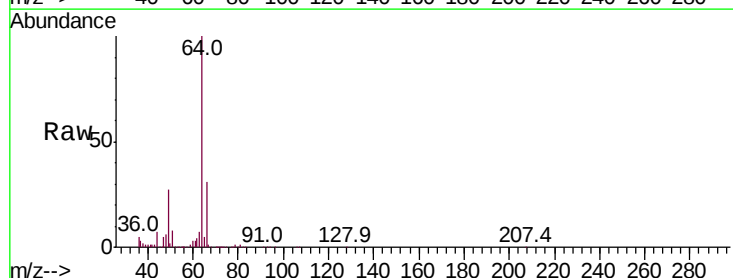
Acq: 20 Sep 2019 10:16

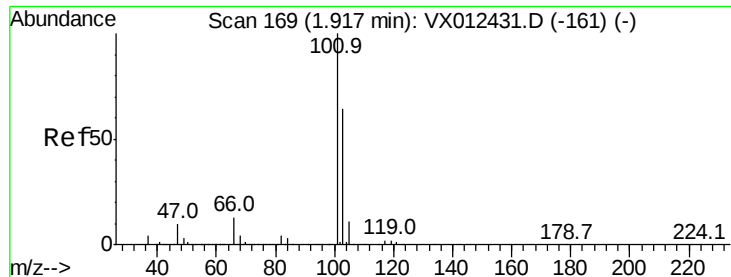
Tgt Ion: 64 Resp: 38198

Ion Ratio Lower Upper

64 100

66 31.6 24.0 36.0



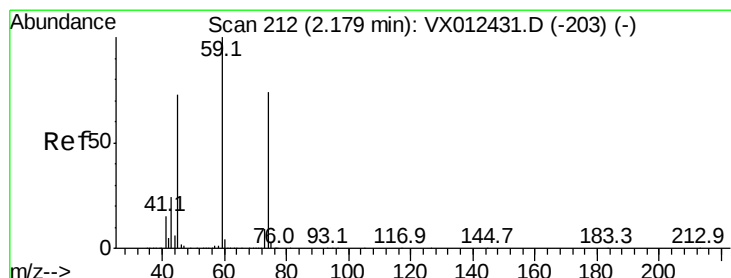
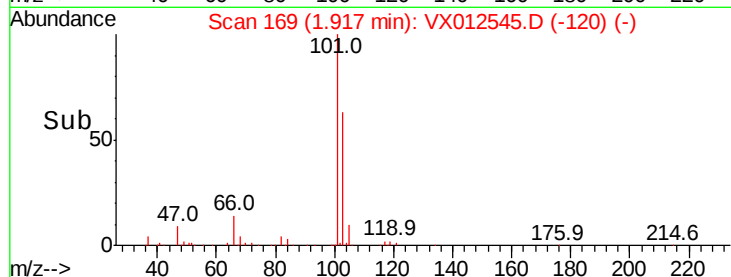
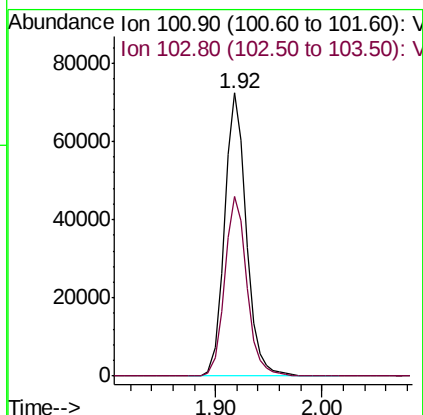
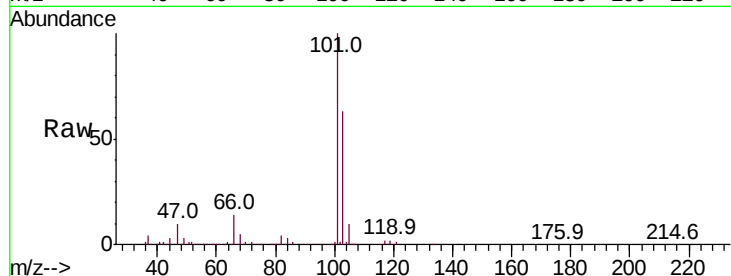


#7

Trichlorofluoromethane
Concen: 51.153 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

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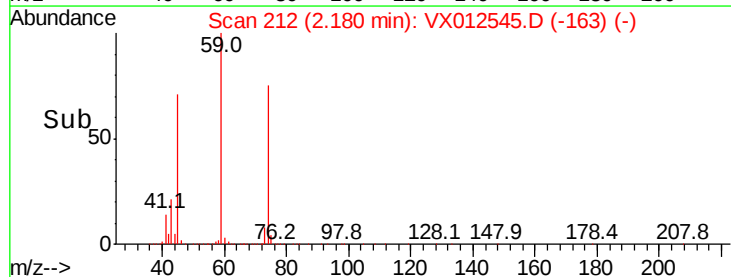
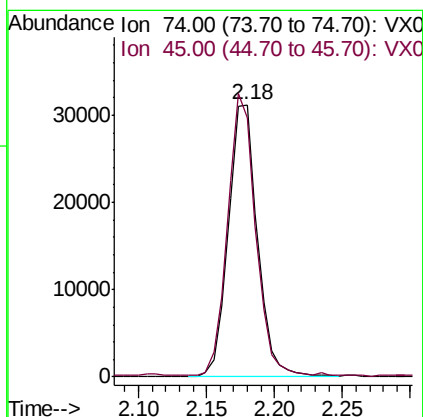
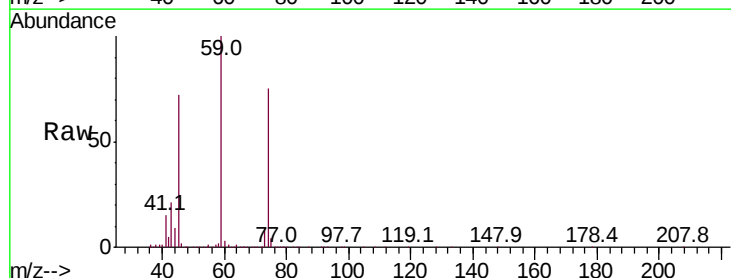
Tot Ion:101 Resp: 103883
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4

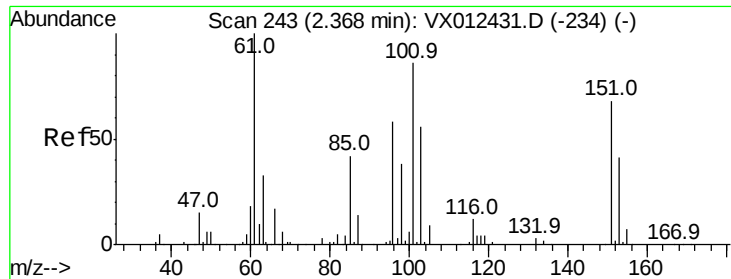


#8

Diethyl Ether
Concen: 50.710 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 74 Resp: 46515
Ion Ratio Lower Upper
74 100
45 100.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.100 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

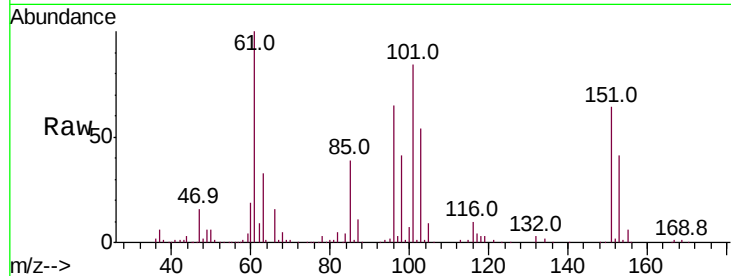
Tot Ion:101 Resp: 66269

Ion Ratio Lower Upper

101 100

85 45.6 37.3 55.9

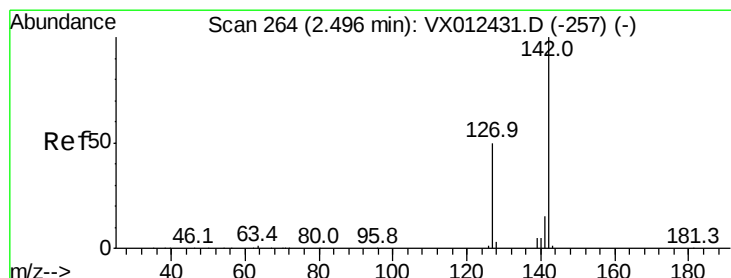
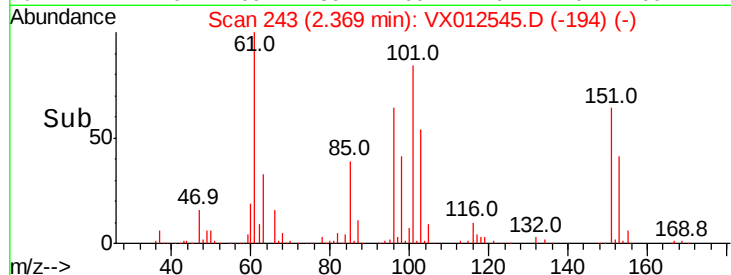
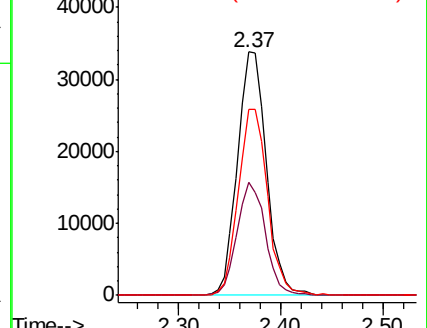
151 77.0 61.0 91.4



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: 47.239 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

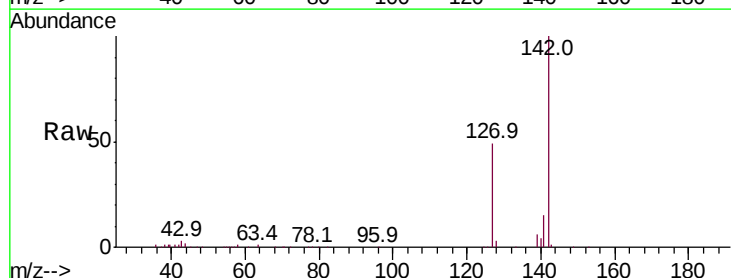
Tgt Ion:142 Resp: 59226

Ion Ratio Lower Upper

142 100

127 48.9 40.8 61.2

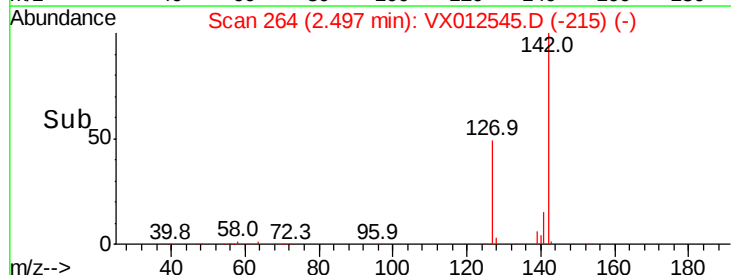
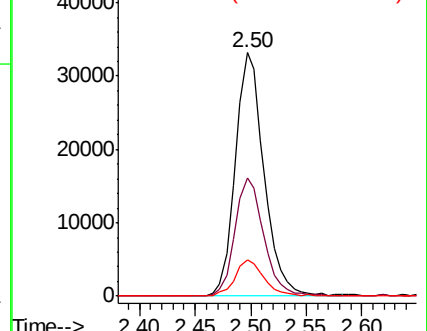
141 15.0 12.1 18.1

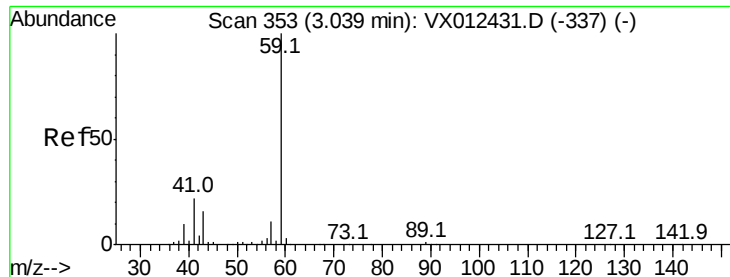


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

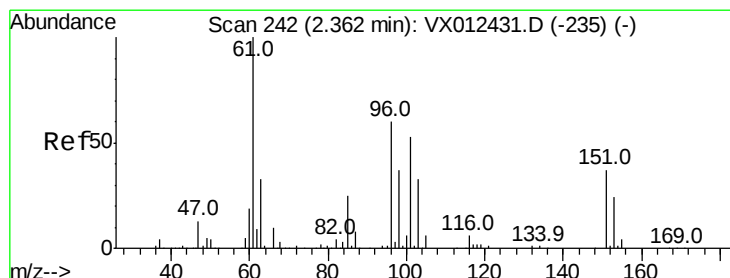
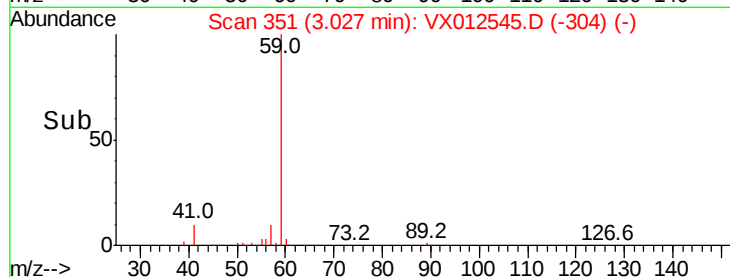
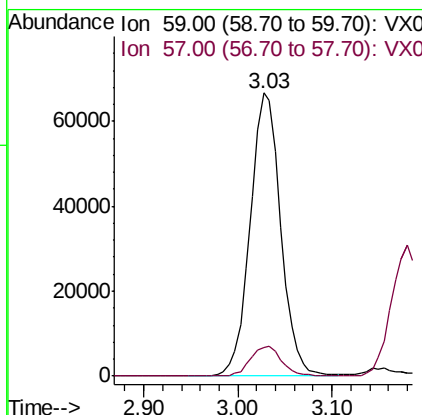
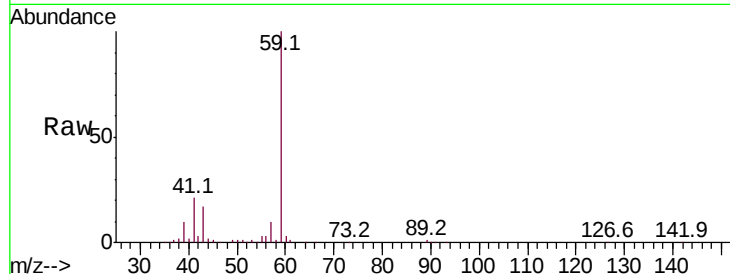




#11
Tert butyl alcohol
Concen: 222.989 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

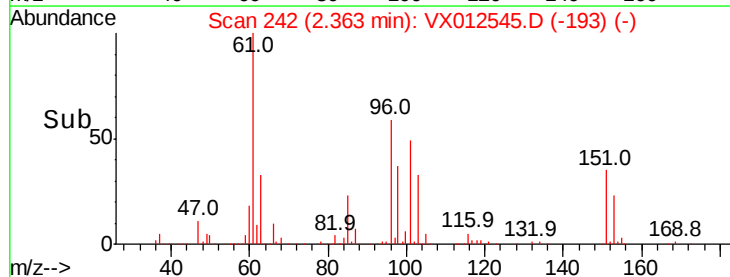
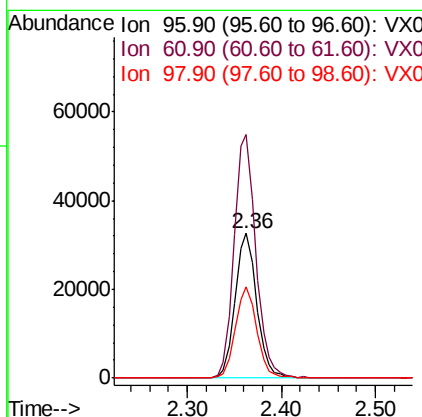
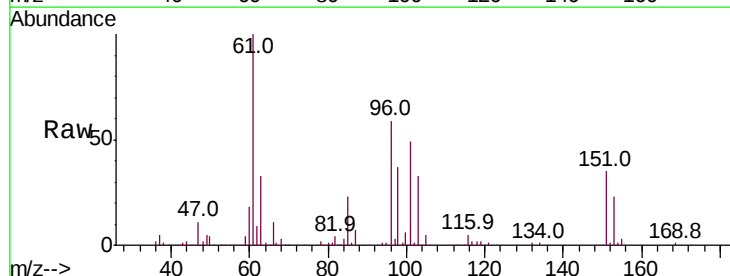
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

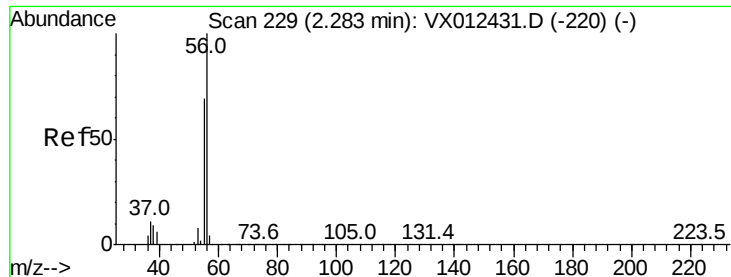
Tot Ion: 59 Resp: 151532
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.470 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 96 Resp: 52126
Ion Ratio Lower Upper
96 100
61 168.1 133.8 200.6
98 62.7 49.9 74.9





#13

Acrolein

Concen: 236.438 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

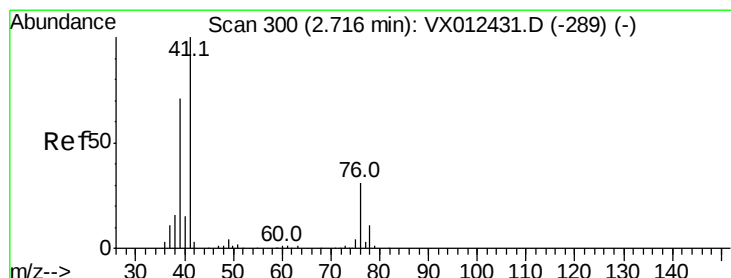
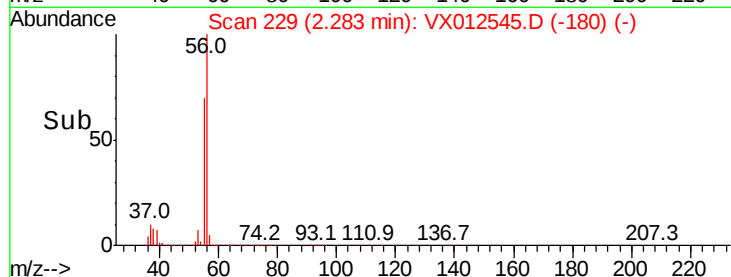
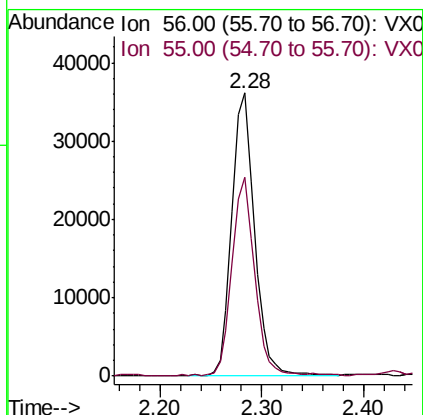
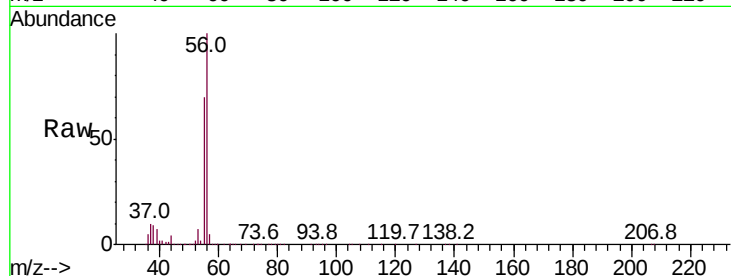
VSTDCCC050

Tot Ion: 56 Resp: 55498

Ion Ratio Lower Upper

56 100

55 69.5 55.8 83.8



#14

Allyl chloride

Concen: 49.658 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

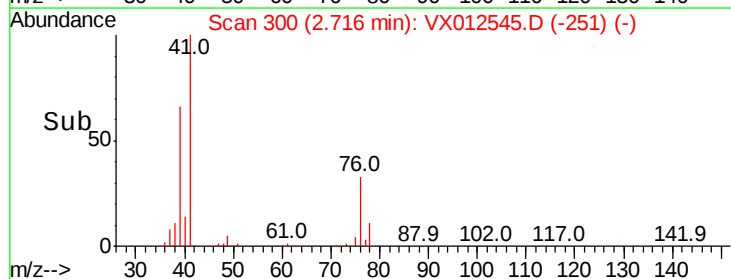
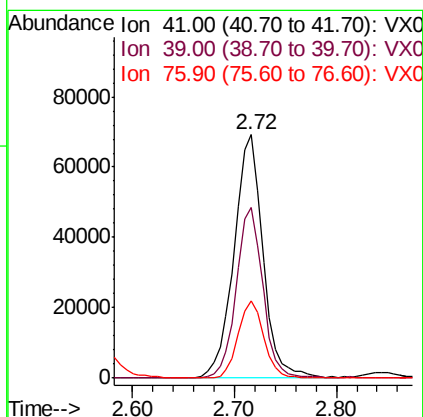
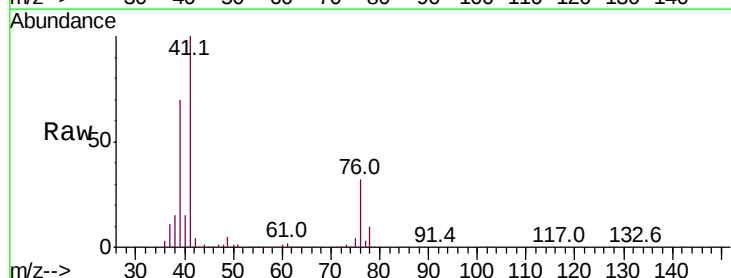
Tgt Ion: 41 Resp: 135517

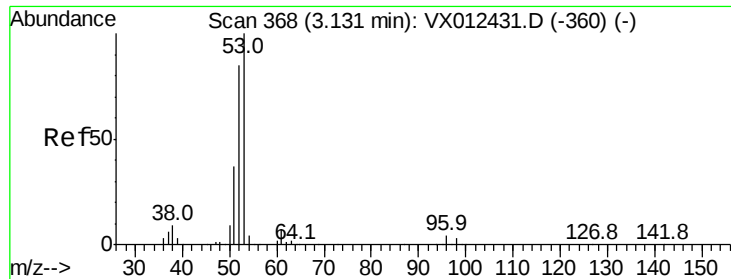
Ion Ratio Lower Upper

41 100

39 64.1 51.3 76.9

76 28.4 22.6 33.8





#15

Acrylonitrile

Concen: 249.232 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

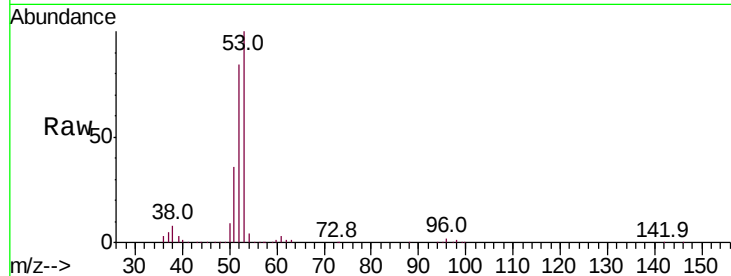
Tot Ion: 53 Resp: 288590

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

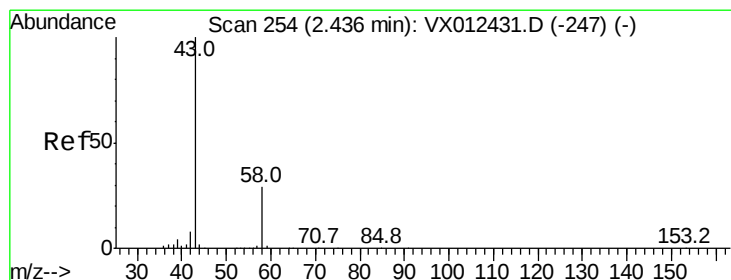
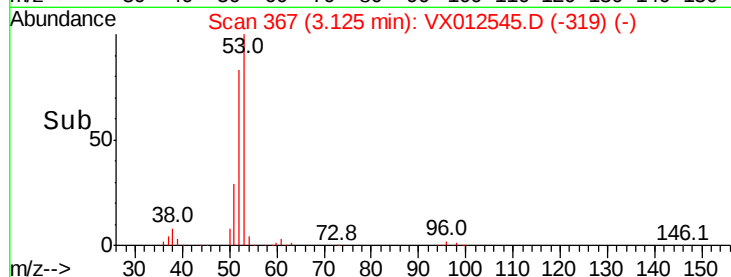
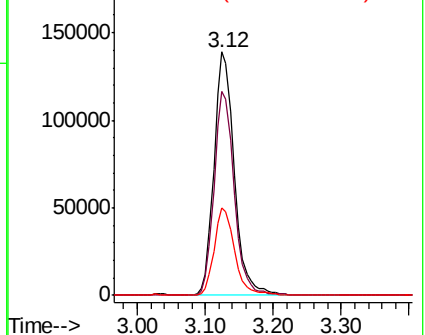
51 36.3 29.6 44.4



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: 272.192 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012545.D

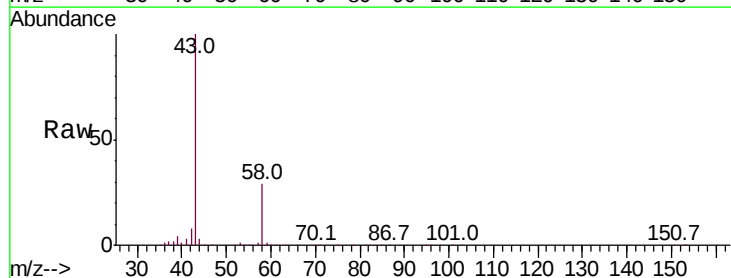
Acq: 20 Sep 2019 10:16

Tgt Ion: 43 Resp: 331467

Ion Ratio Lower Upper

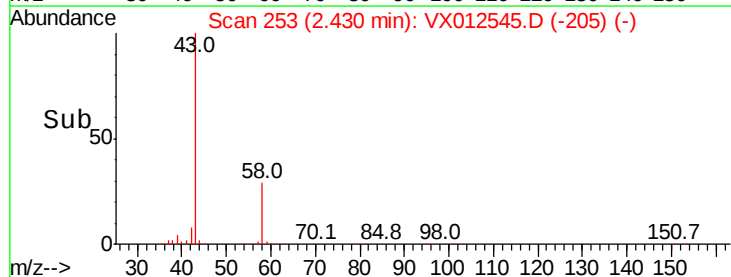
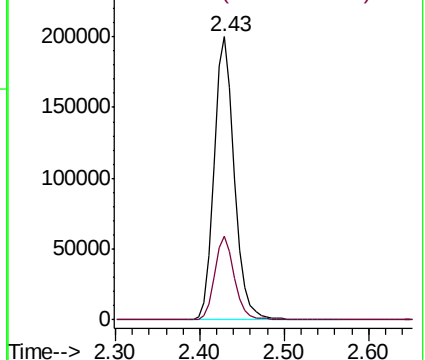
43 100

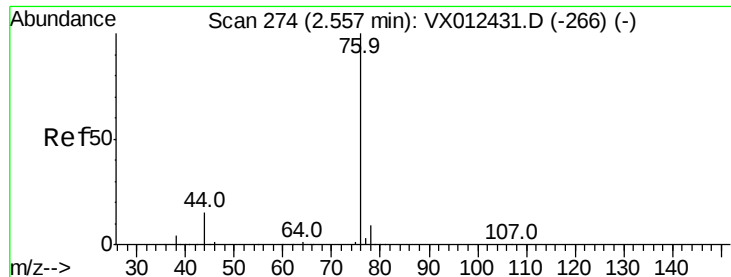
58 29.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.980 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

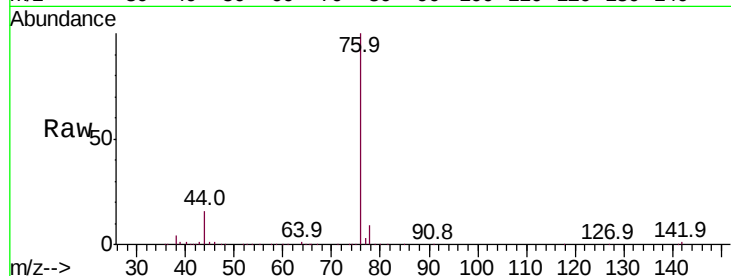
VSTDCCC050

Tot Ion: 76 Resp: 70813

Ion Ratio Lower Upper

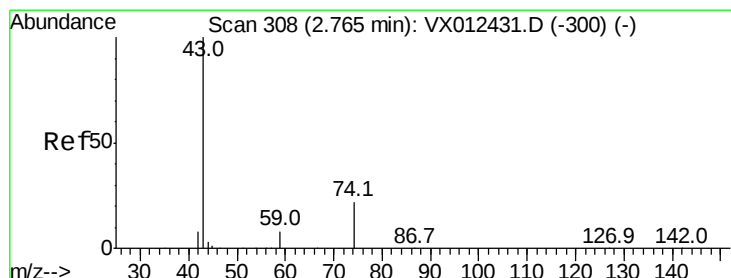
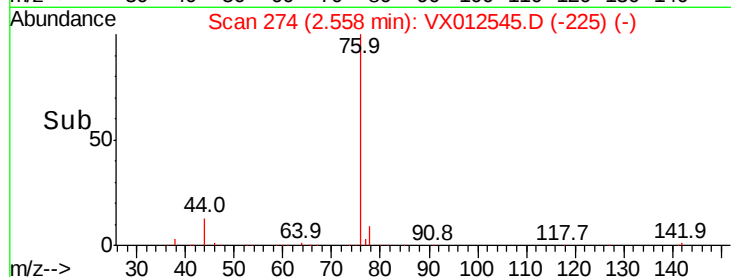
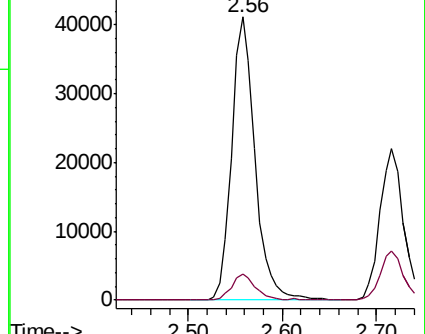
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.369 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012545.D

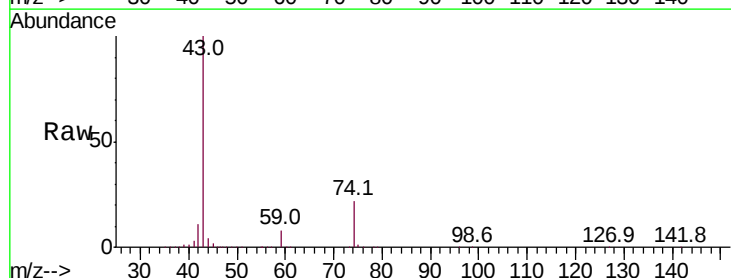
Acq: 20 Sep 2019 10:16

Tgt Ion: 43 Resp: 137464

Ion Ratio Lower Upper

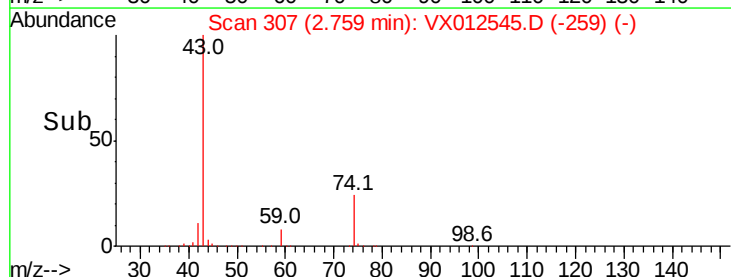
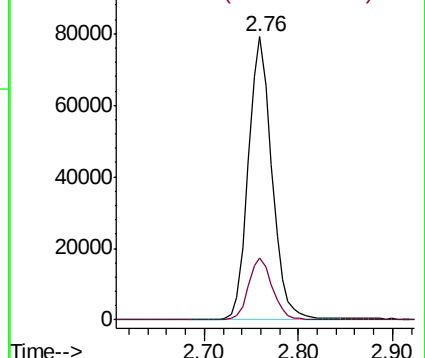
43 100

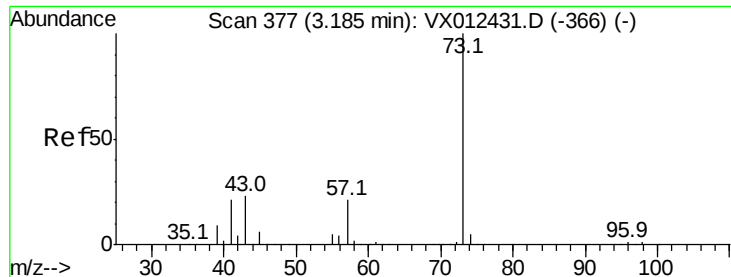
74 22.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



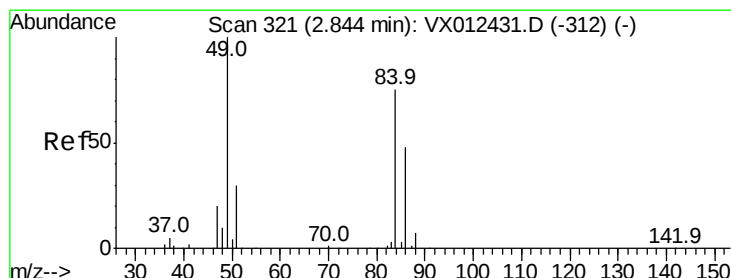
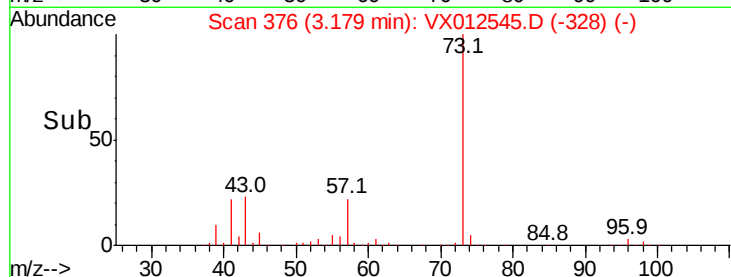
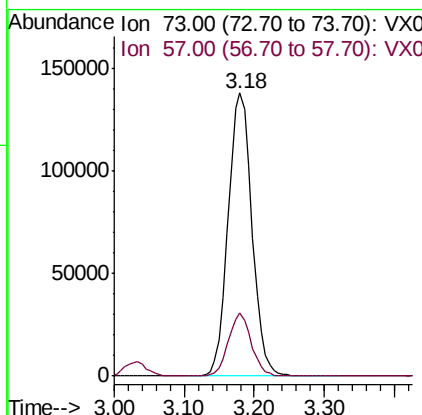
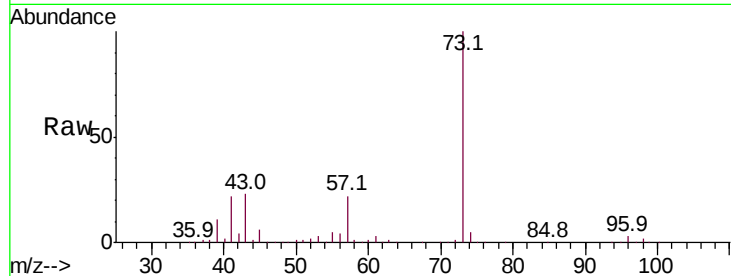


#19

Methyl tert-butyl Ether
 Concen: 51.096 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

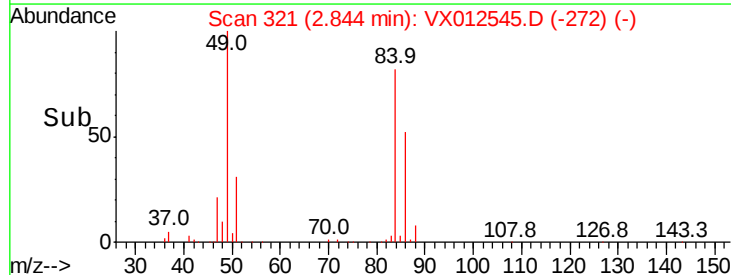
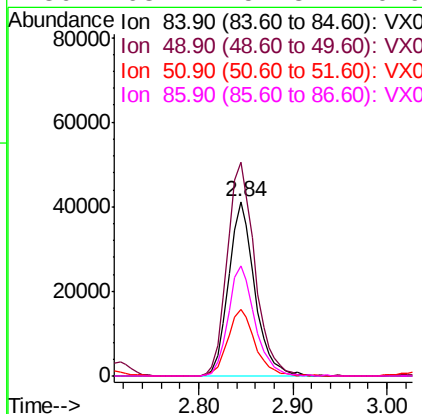
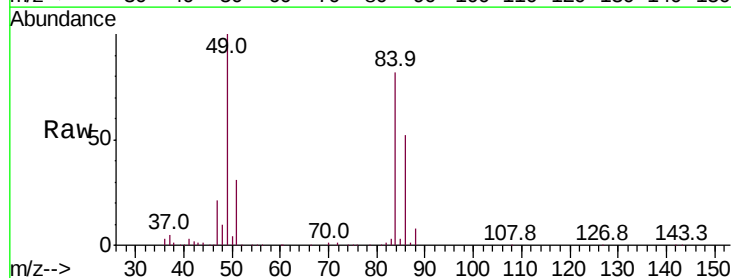
Tot Ion: 73 Resp: 326561
 Ion Ratio Lower Upper
 73 100
 57 22.3 16.8 25.2

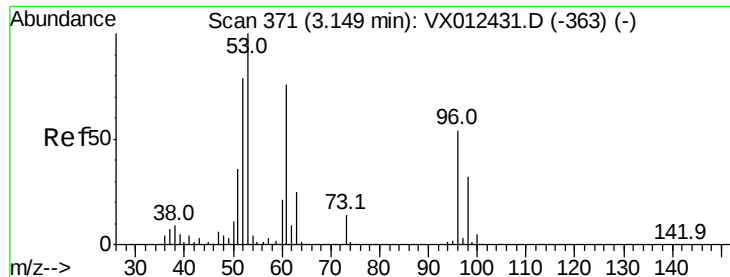


#20

Methylene Chloride
 Concen: 49.147 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 84 Resp: 79478
 Ion Ratio Lower Upper
 84 100
 49 122.3 106.8 160.2
 51 37.8 32.3 48.5
 86 63.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.709 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

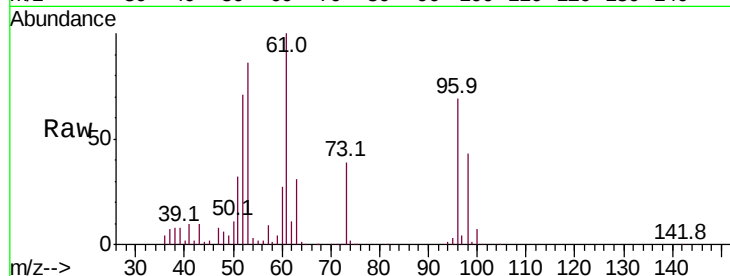
Tot Ion: 96 Resp: 60507

Ion Ratio Lower Upper

96 100

61 145.0 112.0 168.0

98 63.0 47.8 71.8

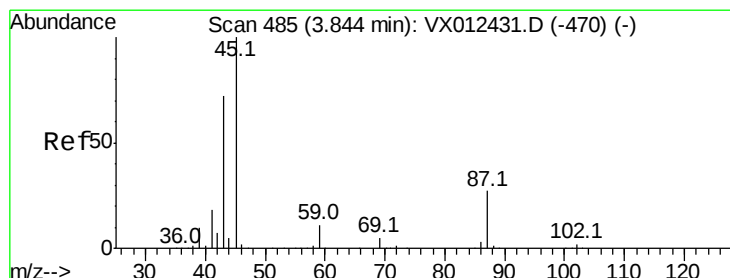
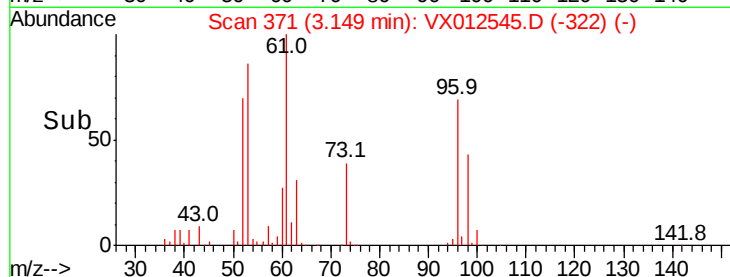
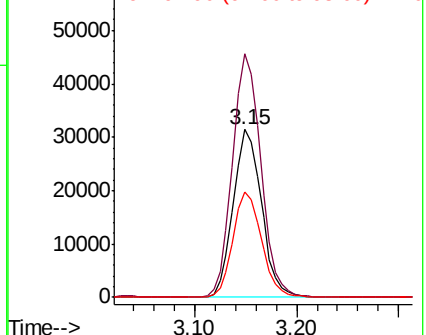


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.565 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Tgt Ion: 45 Resp: 323095

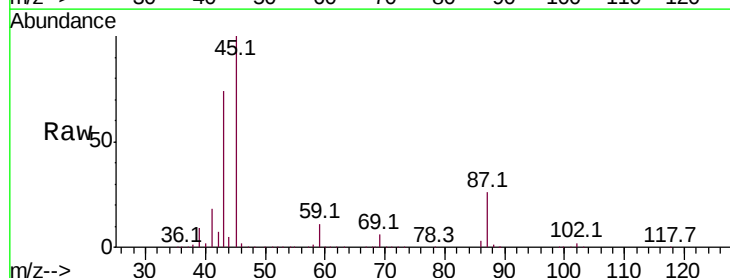
Ion Ratio Lower Upper

45 100

43 73.6 57.8 86.8

87 25.7 21.3 31.9

59 11.2 8.5 12.7



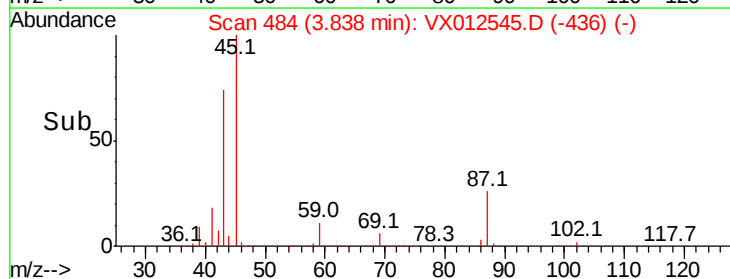
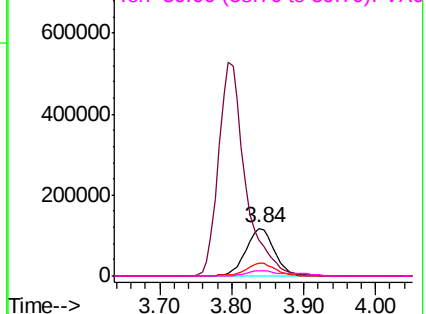
Abundance

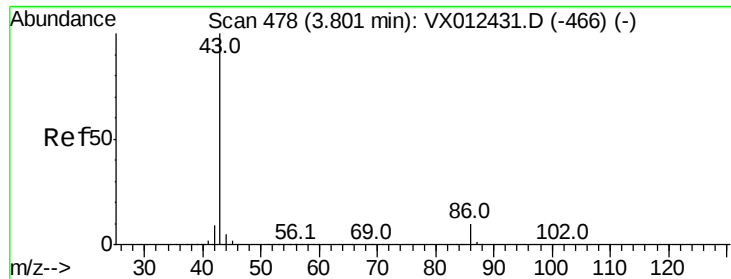
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.247 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

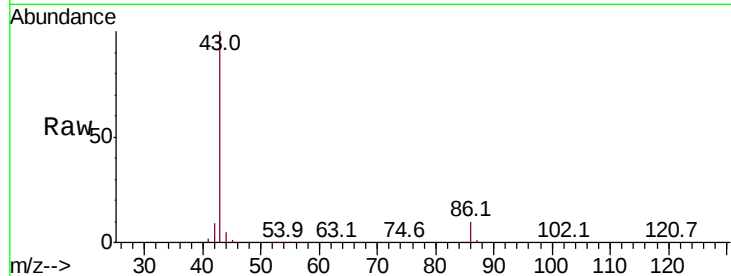
VSTDCCC050

Tot Ion: 43 Resp: 1373168

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

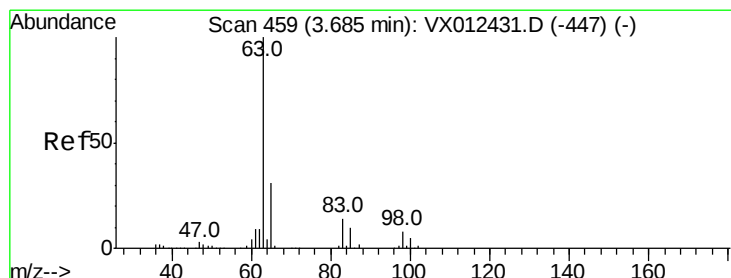
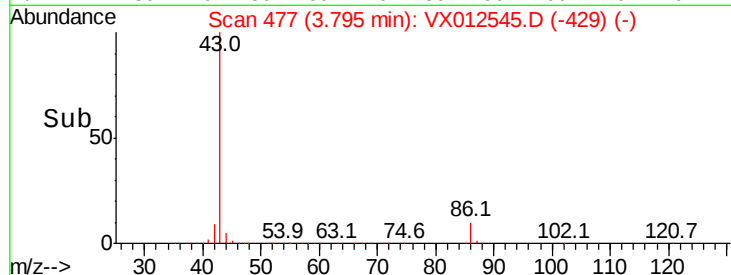
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.241 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

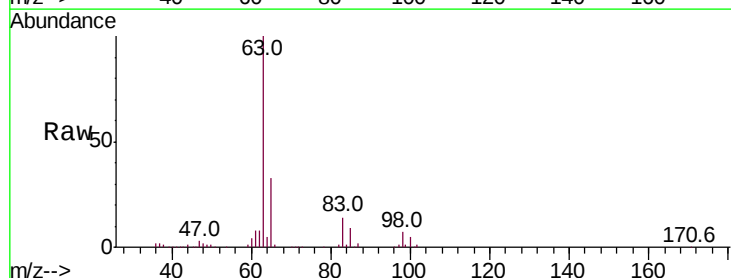
Tgt Ion: 63 Resp: 153597

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

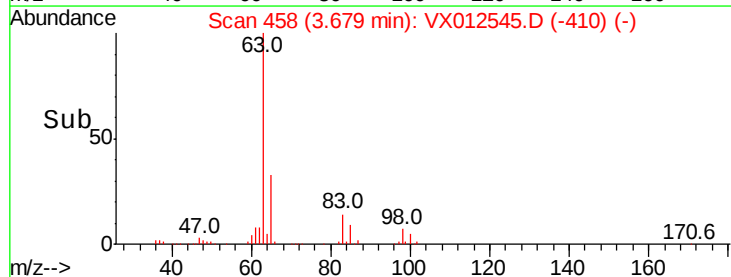
60000

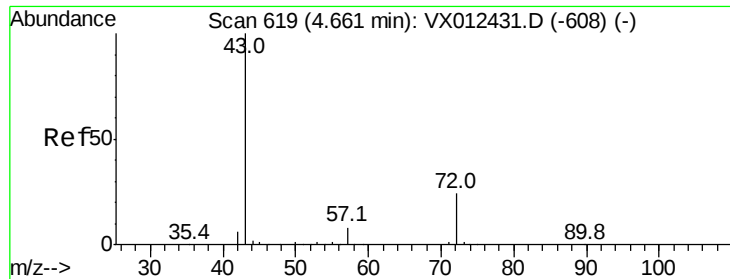
40000

20000

0

Time-->





#25

2-Butanone

Concen: 245.678 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

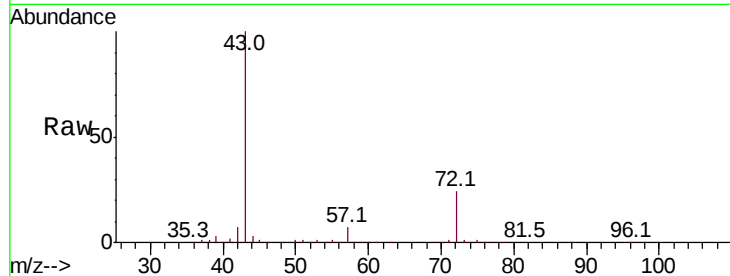
VSTDCCC050

Tot Ion: 43 Resp: 455371

Ion Ratio Lower Upper

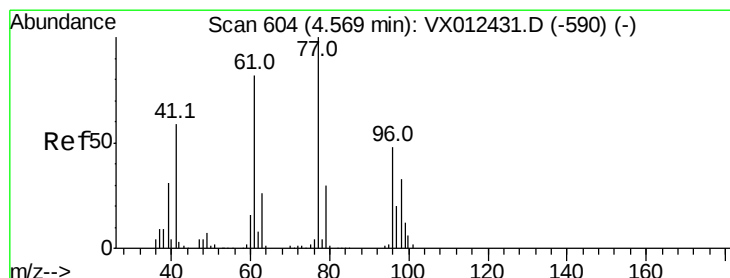
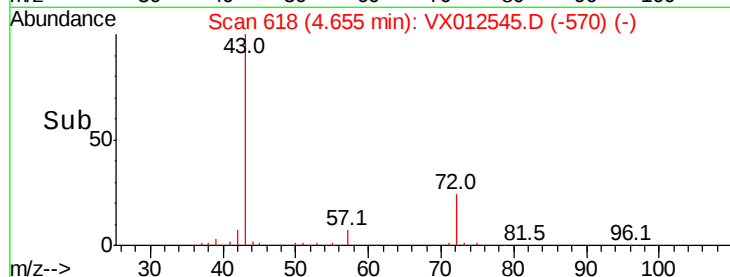
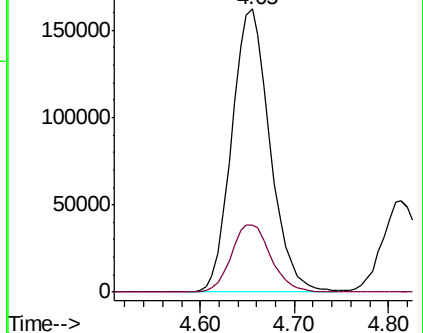
43 100

72 23.7 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: 46.625 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012545.D

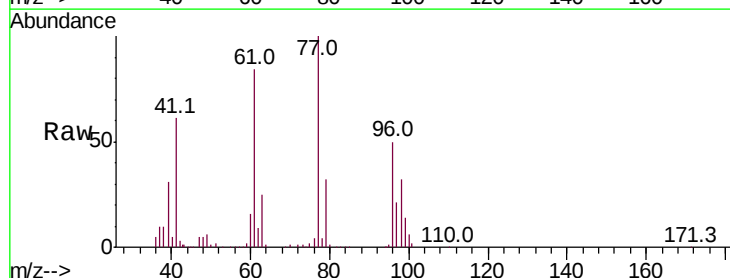
Acq: 20 Sep 2019 10:16

Tgt Ion: 77 Resp: 140188

Ion Ratio Lower Upper

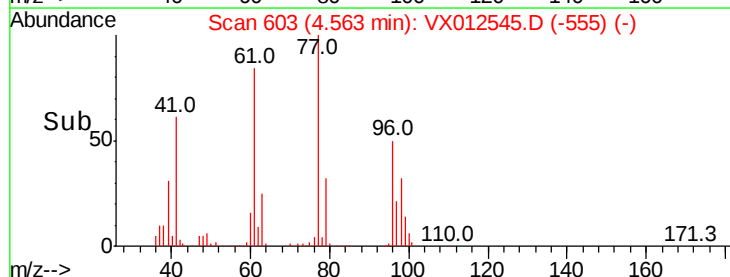
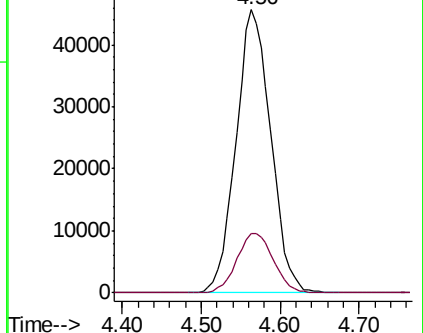
77 100

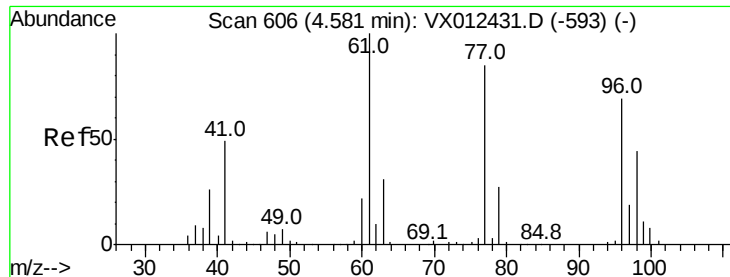
97 22.2 10.5 31.6



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: 50.794 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

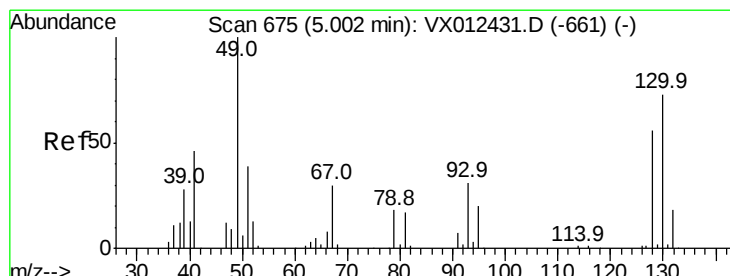
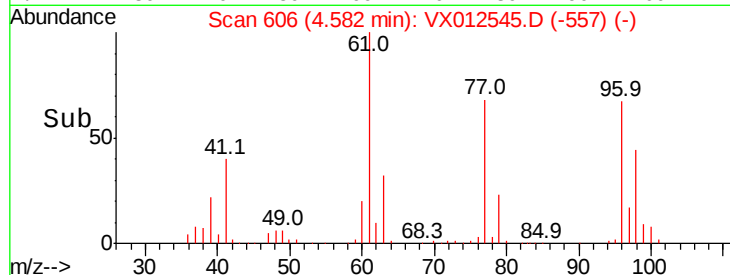
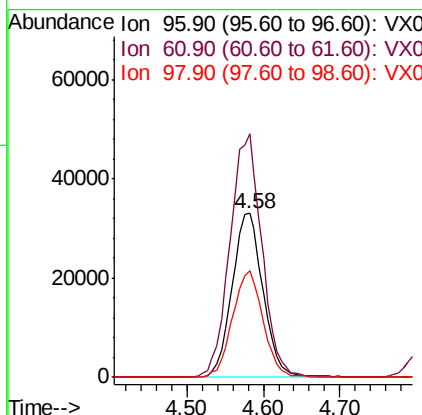
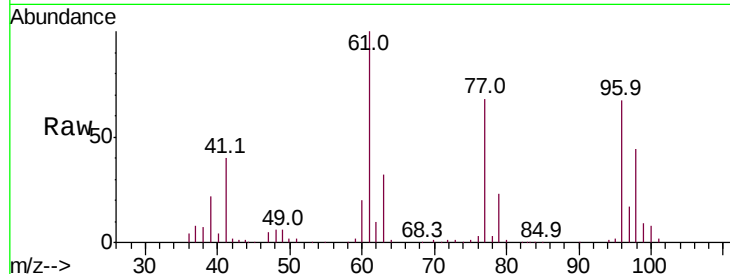
Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 92360

Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	319.4
98	64.2	0.0	130.6



#28

Bromochloromethane

Concen: 49.983 ug/l

RT: 5.00 min Scan# 674

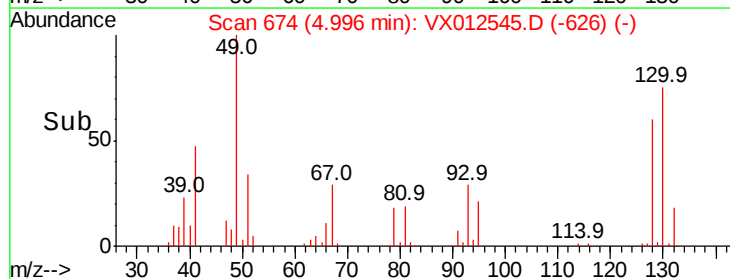
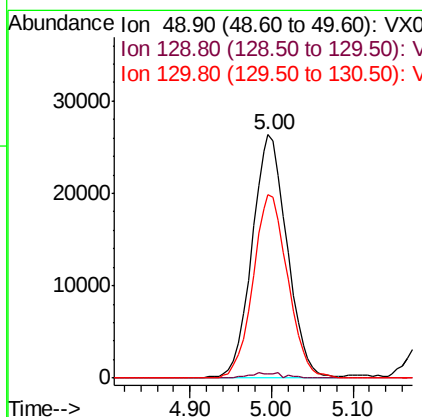
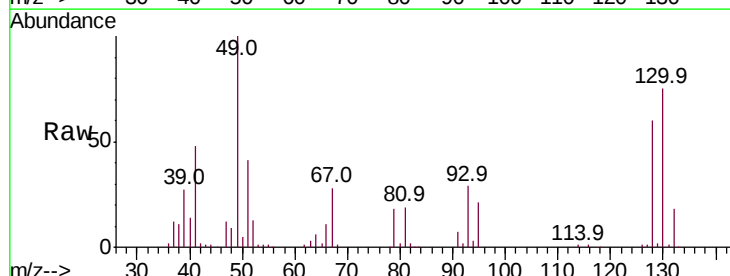
Delta R.T. -0.01 min

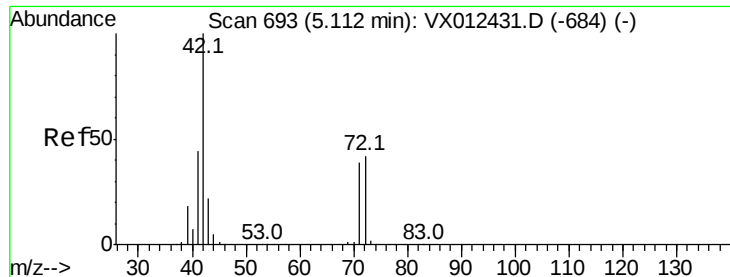
Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Tgt Ion: 49 Resp: 78779

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.7	58.2	87.4





#29

Tetrahydrofuran

Concen: 250.713 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

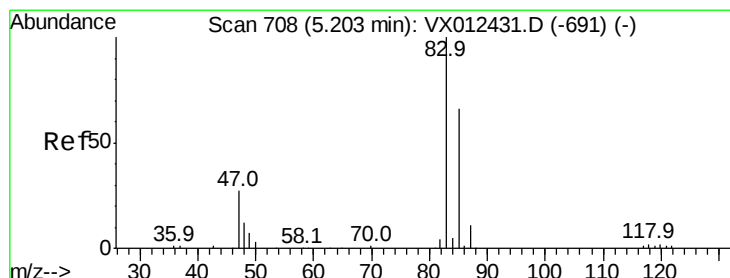
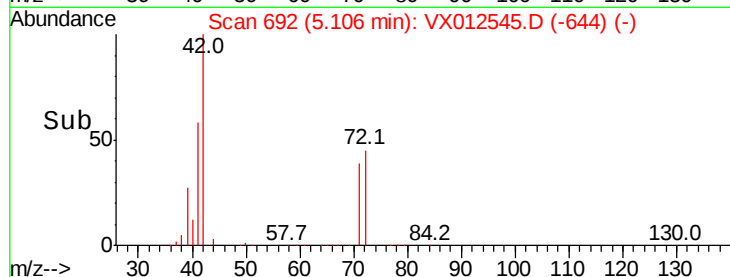
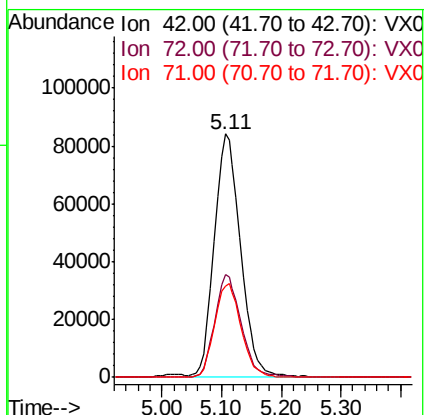
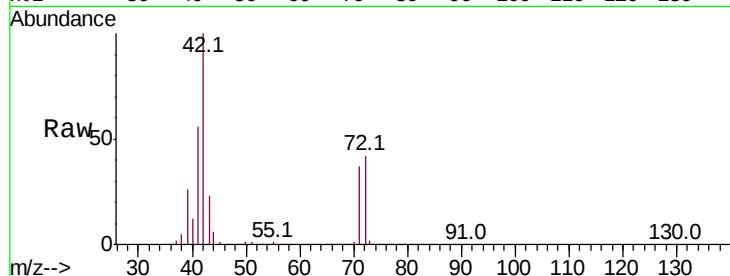
Tot Ion: 42 Resp: 256720

Ion Ratio Lower Upper

42 100

72 42.4 34.0 51.0

71 38.9 31.5 47.3



#30

Chloroform

Concen: 48.280 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012545.D

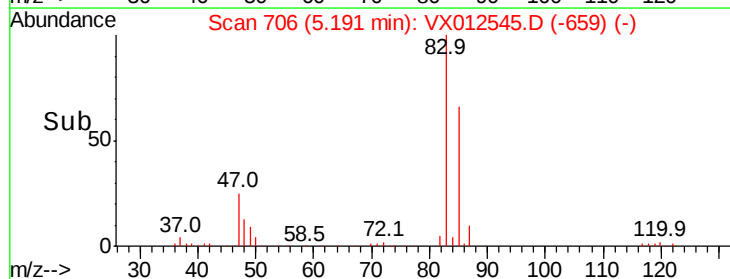
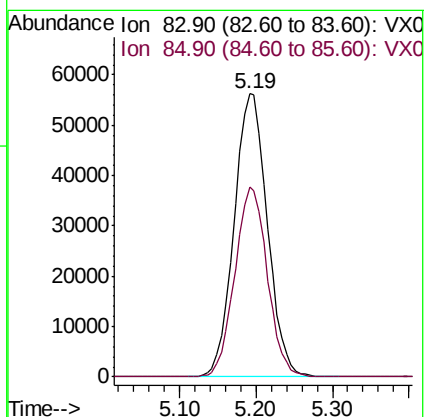
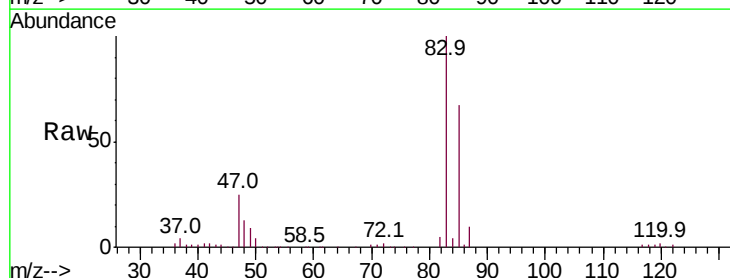
Acq: 20 Sep 2019 10:16

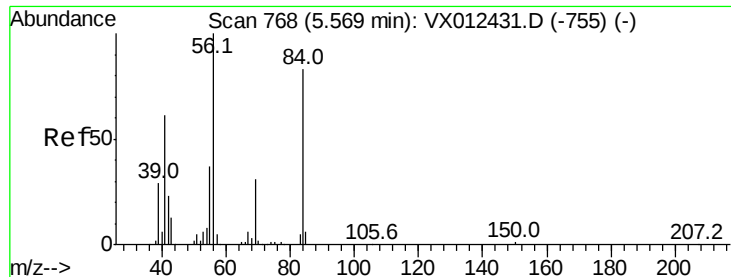
Tgt Ion: 83 Resp: 169517

Ion Ratio Lower Upper

83 100

85 67.2 53.0 79.4

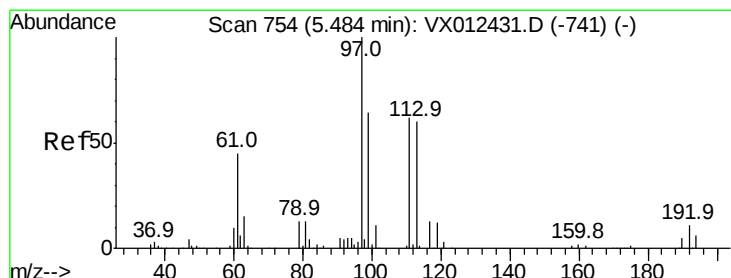
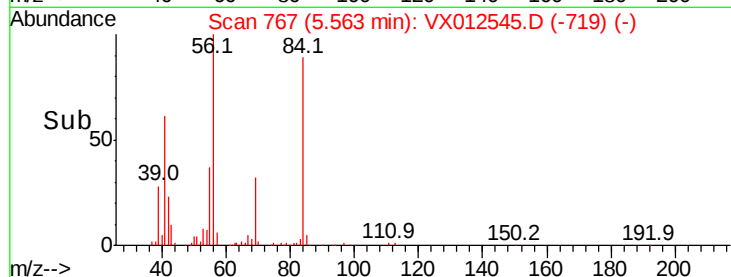
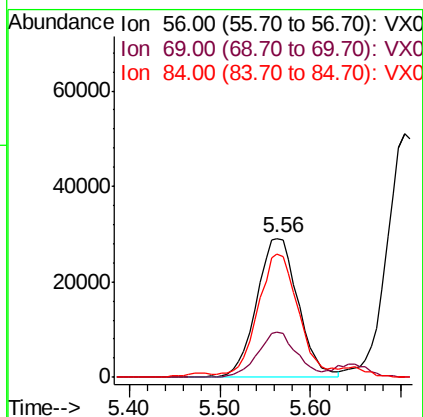
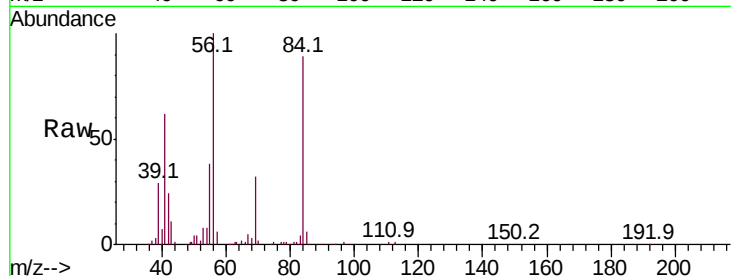




#31
Cyclohexane
Concen: 50.122 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

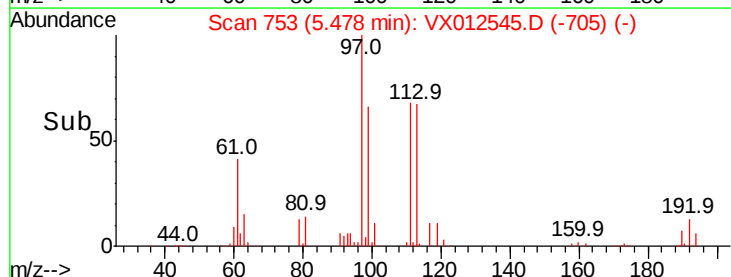
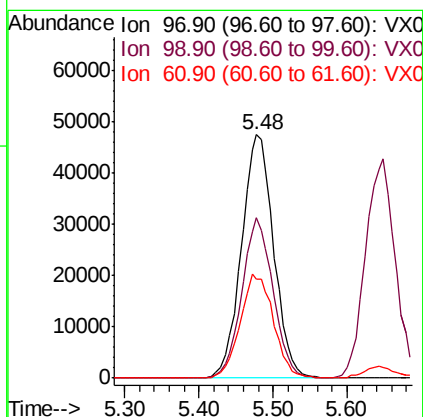
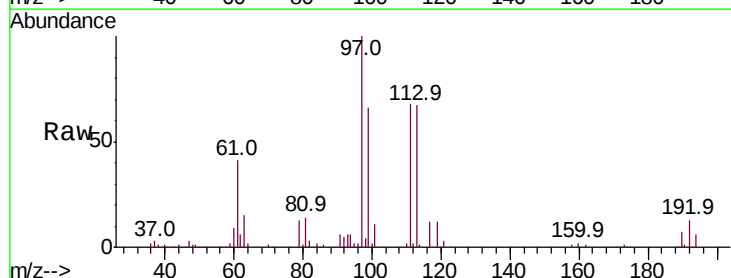
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

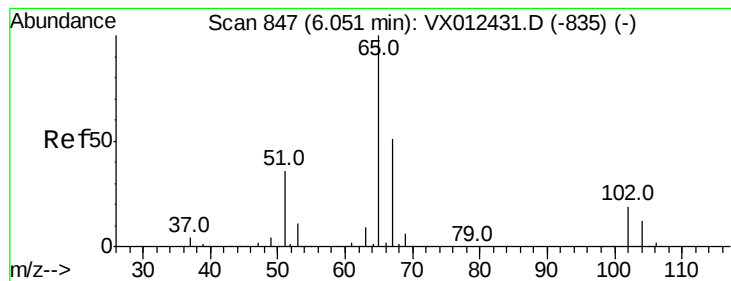
Tot Ion: 56 Resp: 92502
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.6
84 86.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.931 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 97 Resp: 143591
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 44.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.701 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

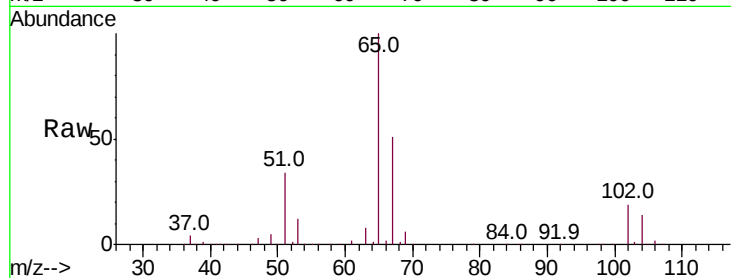
VSTDCCC050

Tot Ion: 65 Resp: 127460

Ion Ratio Lower Upper

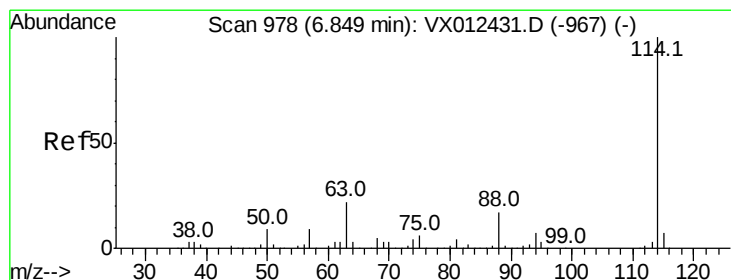
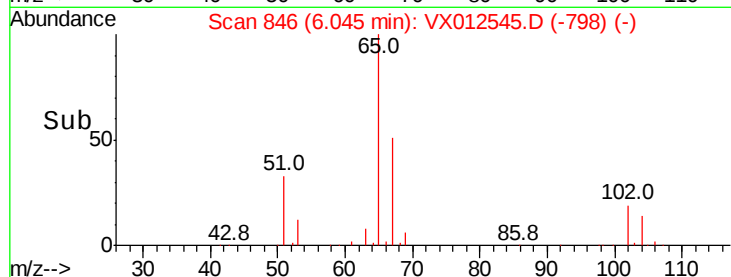
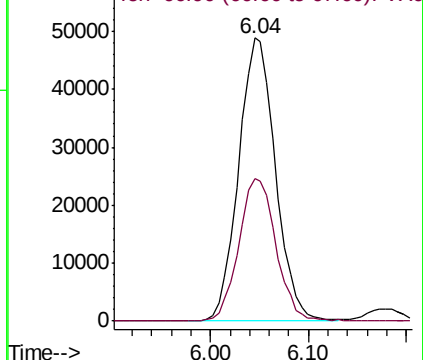
65 100

67 51.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

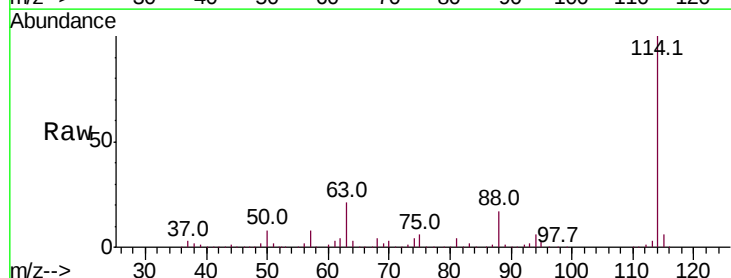
Tgt Ion: 114 Resp: 305691

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

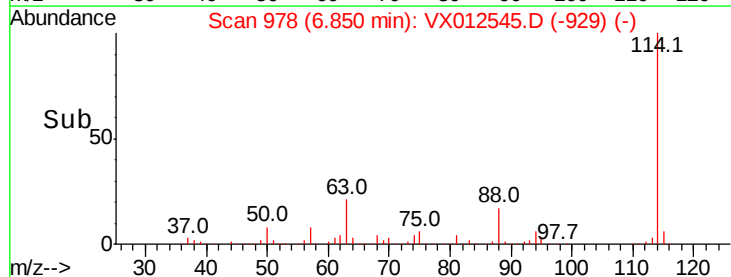
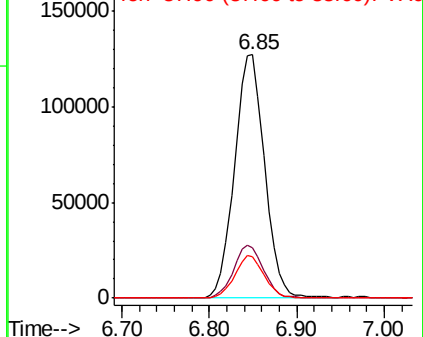
88 16.8 0.0 33.2

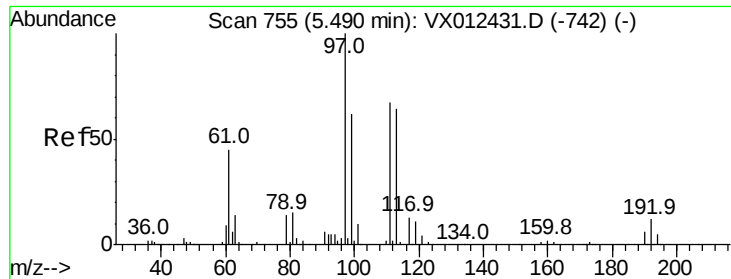


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

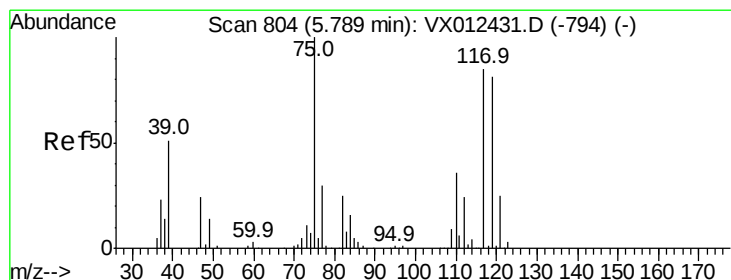
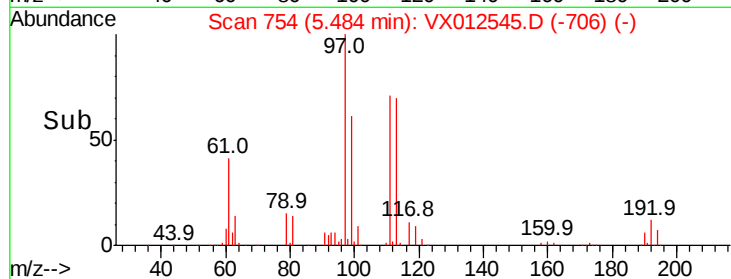
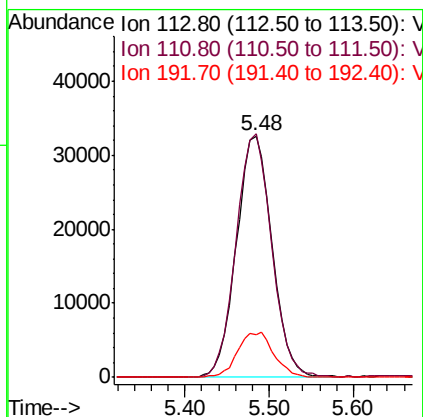
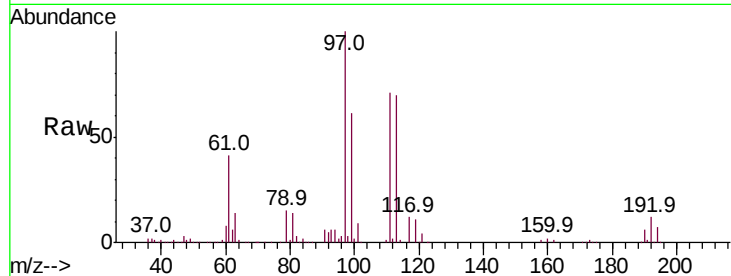




#35
 Dibromofluoromethane
 Concen: 50.510 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

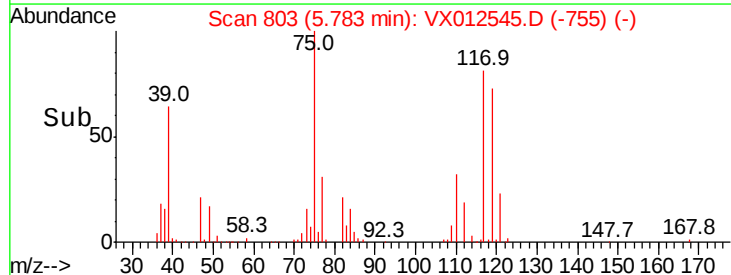
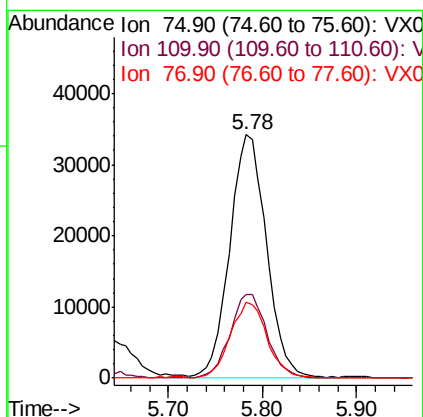
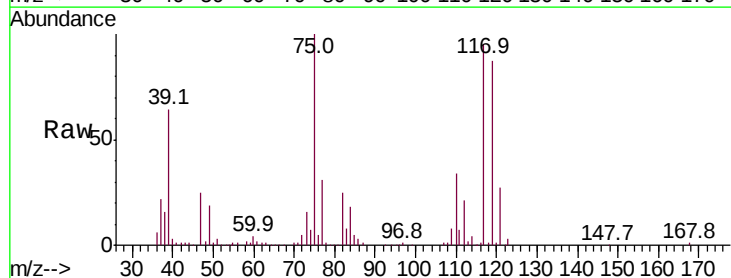
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

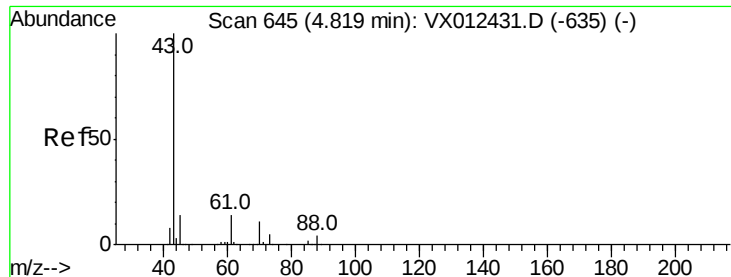
Tot Ion:113 Resp: 93455
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.4 125.2
 192 18.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 49.685 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 75 Resp: 92308
 Ion Ratio Lower Upper
 75 100
 110 34.9 16.7 50.0
 77 31.4 24.2 36.2

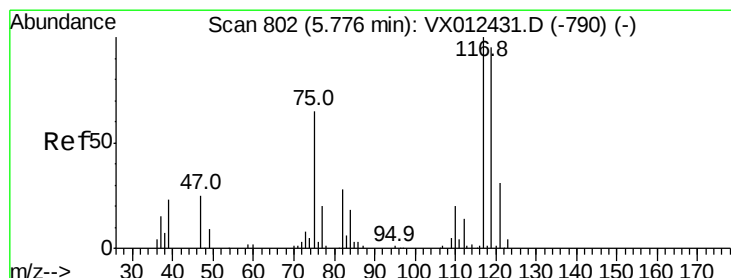
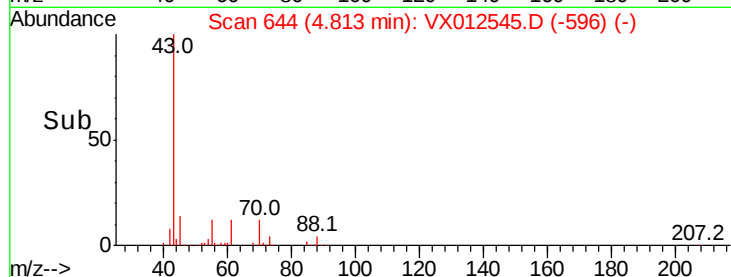
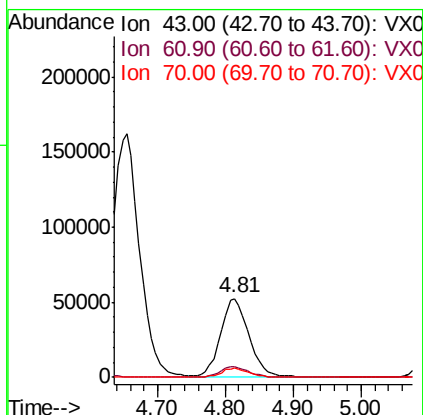
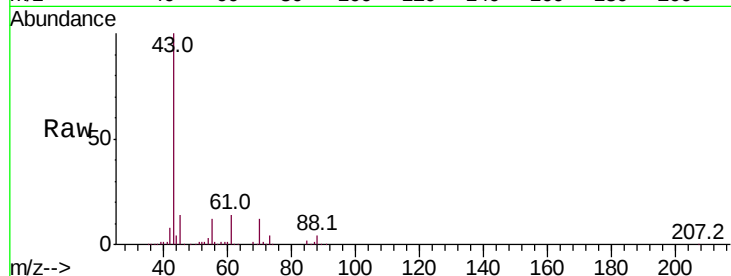




#37
Ethyl Acetate
Concen: 53.104 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

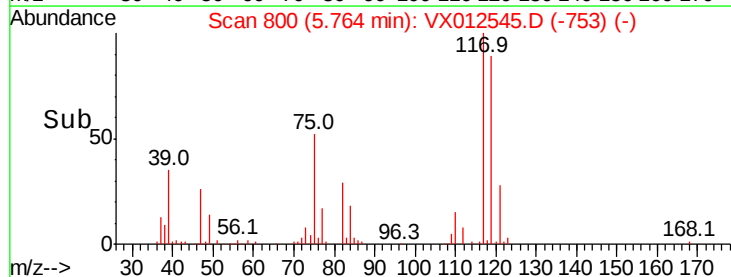
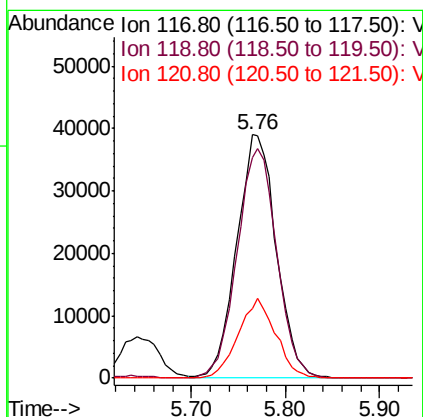
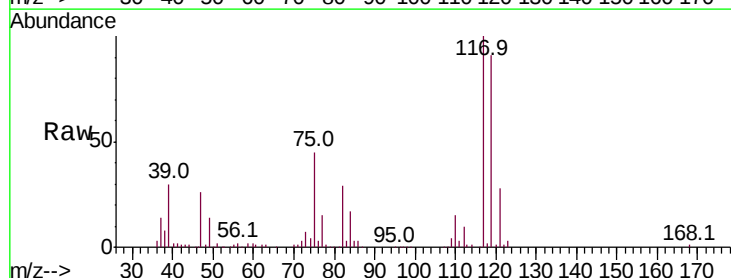
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

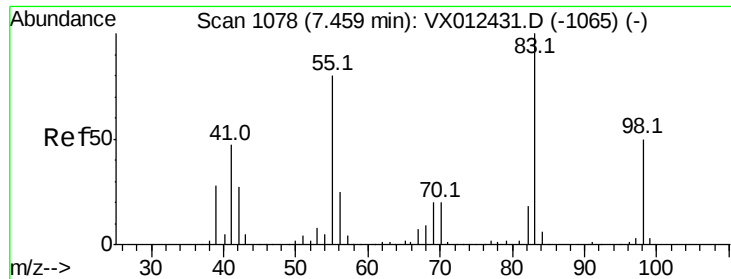
Tot Ion: 43 Resp: 151441
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.4
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.234 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 117 Resp: 113762
Ion Ratio Lower Upper
117 100
119 90.7 75.7 113.5
121 28.4 24.2 36.4

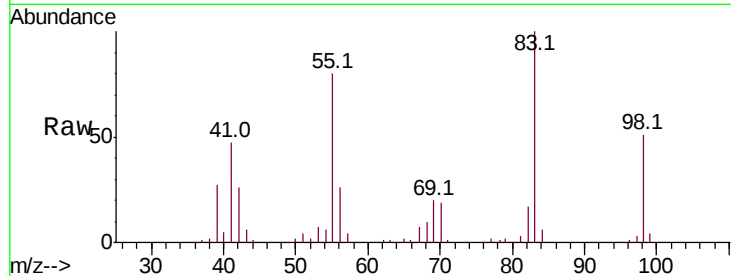




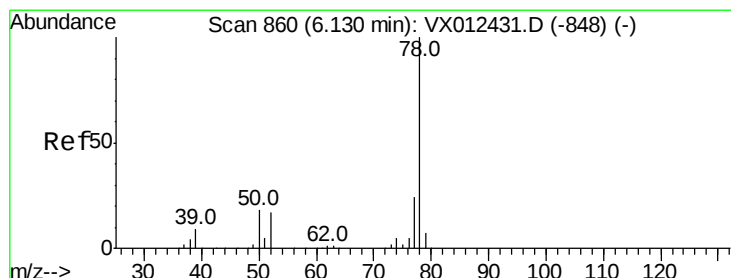
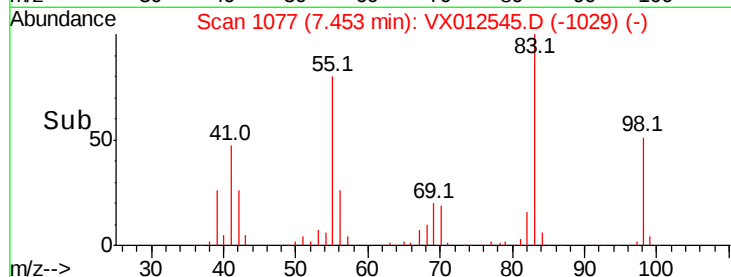
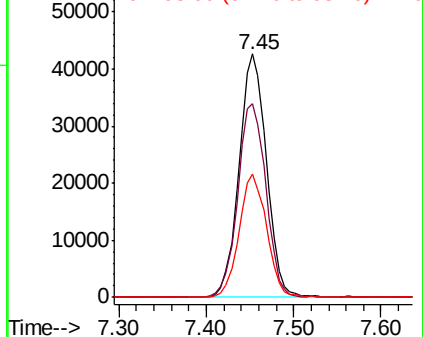
#39
Methvlcvclohexane
Concen: 51.342 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 92728
Ion Ratio Lower Upper
83 100
55 79.6 64.4 96.6
98 50.8 40.1 60.1

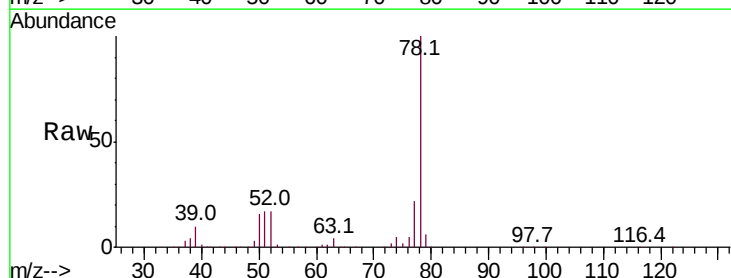


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

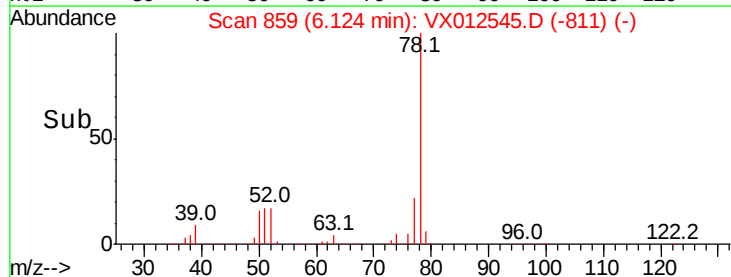
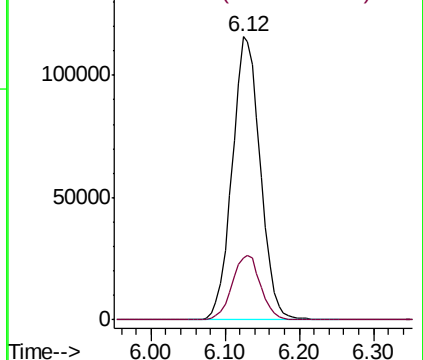


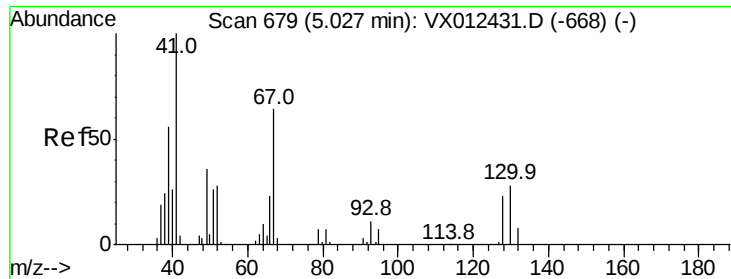
#40
Benzene
Concen: 51.736 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 78 Resp: 305646
Ion Ratio Lower Upper
78 100
77 22.0 19.2 28.8



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

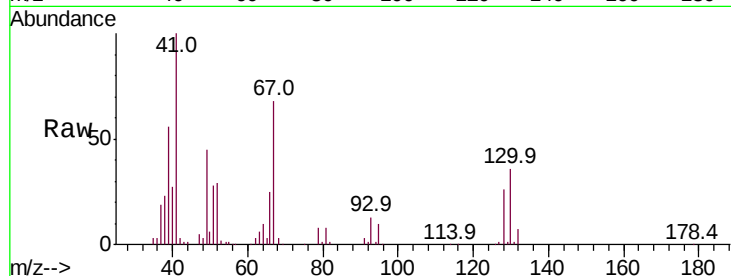




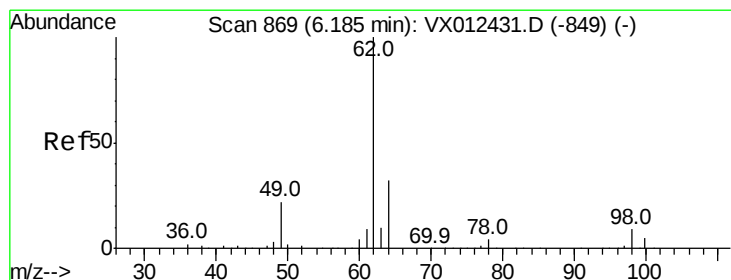
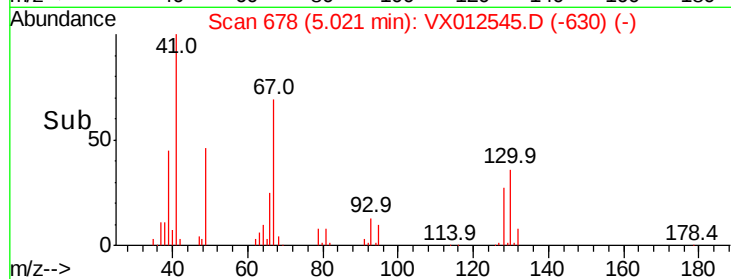
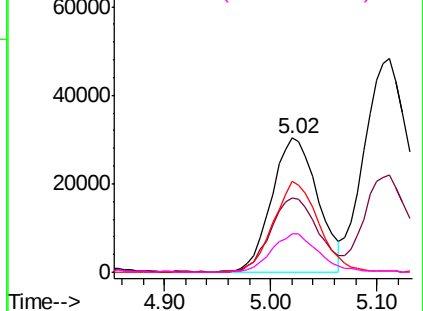
#41
Methacrylonitrile
Concen: 49.276 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	90484
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.0	69.0
67	67.0	52.2	78.2
52	29.1	22.7	34.1

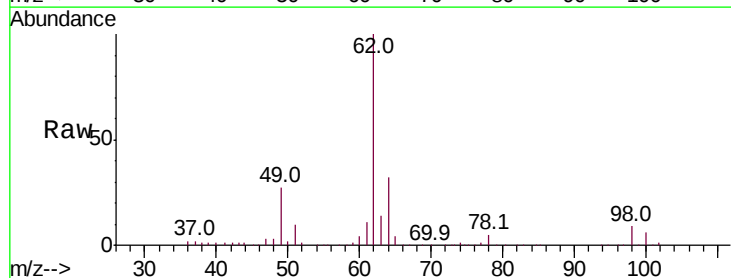


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

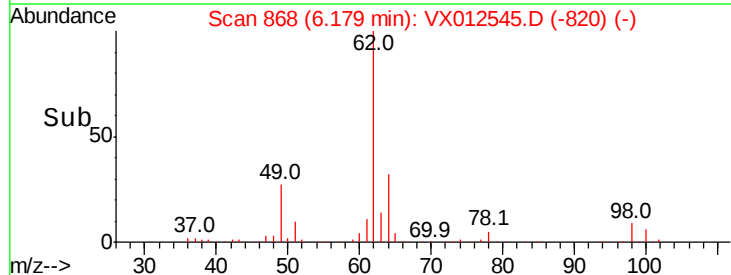
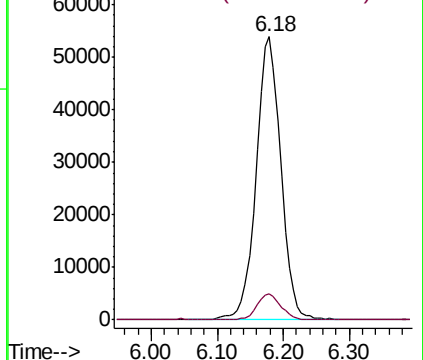


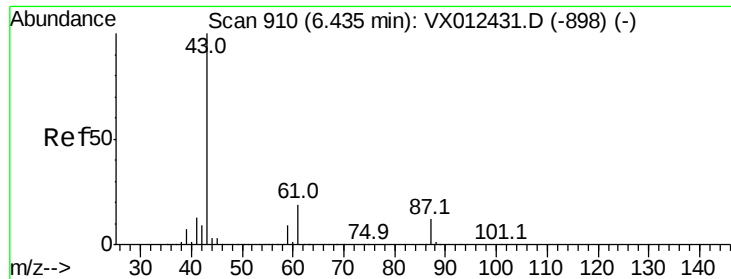
#42
1,2-Dichloroethane
Concen: 51.174 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion:	62	Resp:	140224
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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



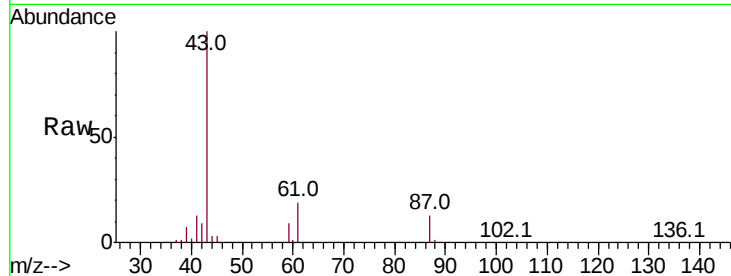


#43

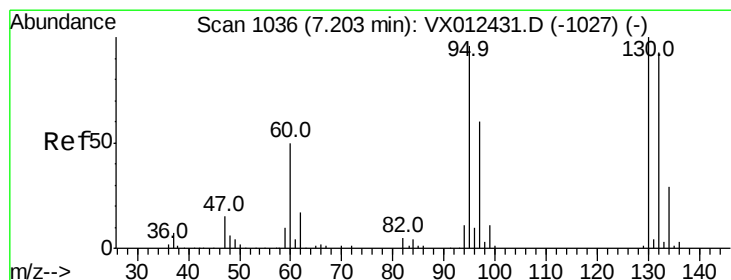
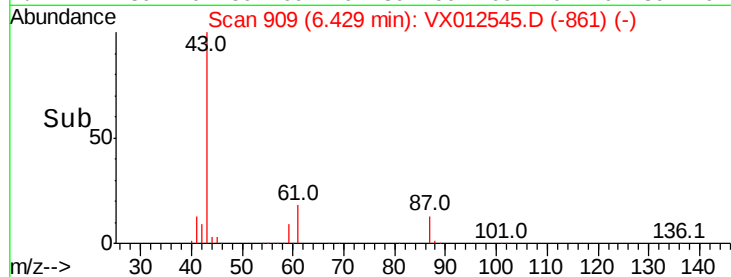
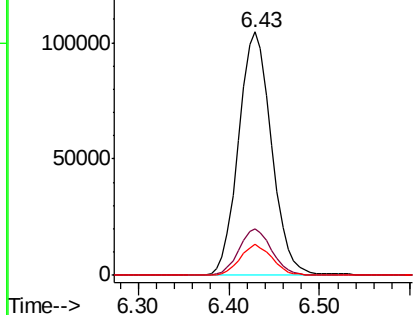
Isopropyl Acetate
 Concen: 51.502 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 263609
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.4 23.0
 87 12.4 9.8 14.8



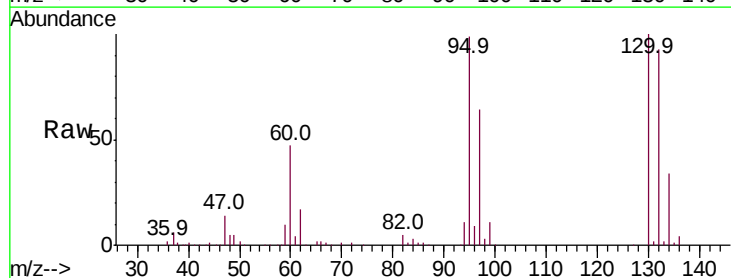
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



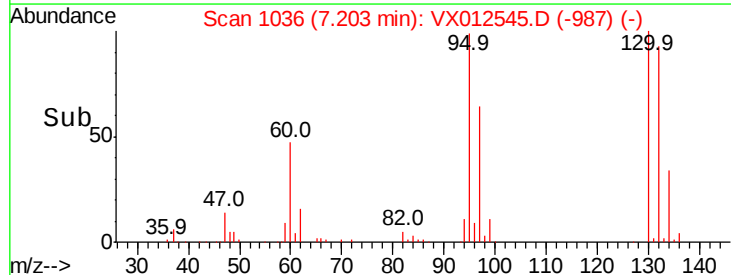
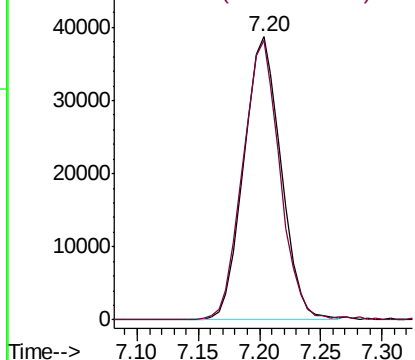
#44

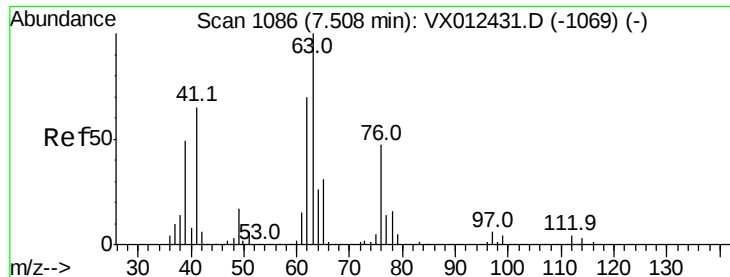
Trichloroethene
 Concen: 52.740 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion:130 Resp: 81962
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 193.0



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

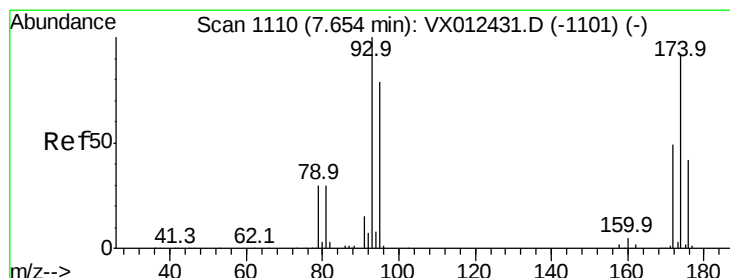
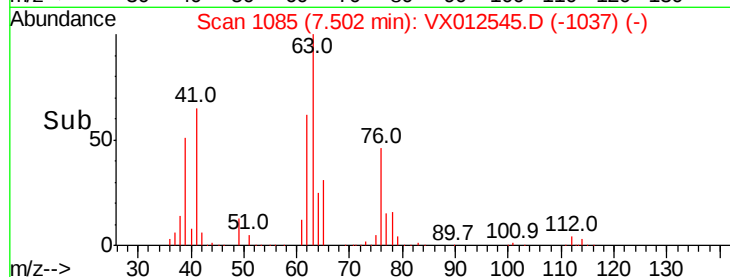
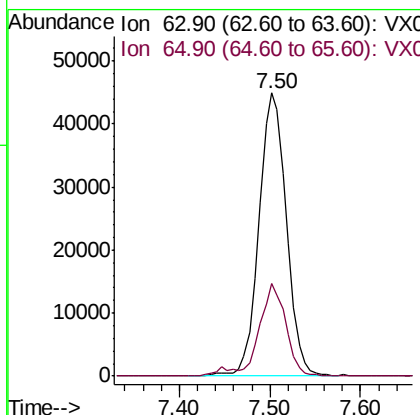
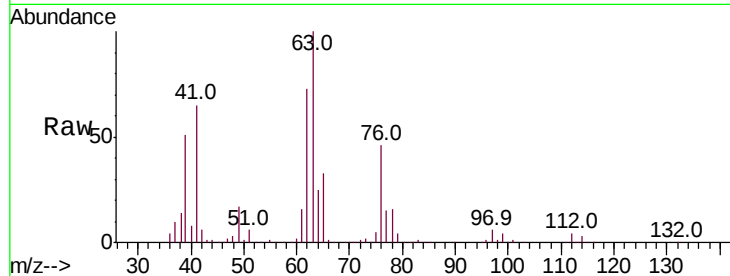




#45
 1,2-Dichloropropane
 Concen: 51.769 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

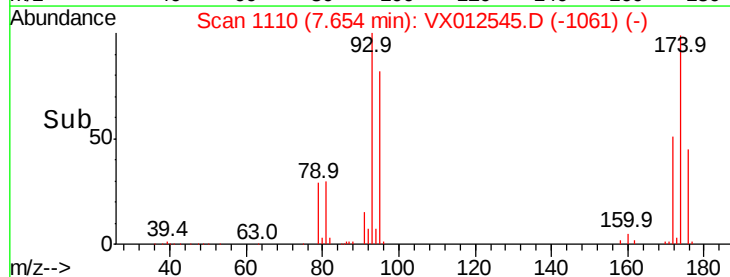
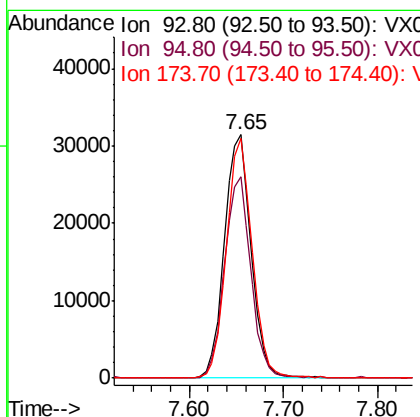
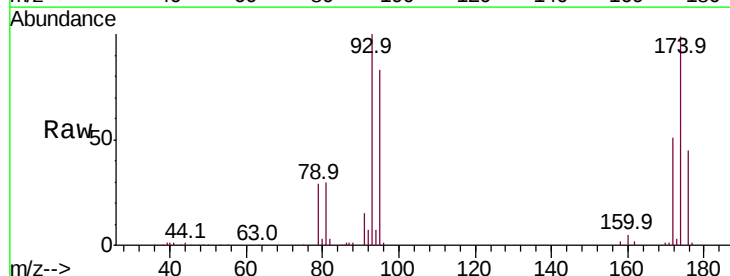
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

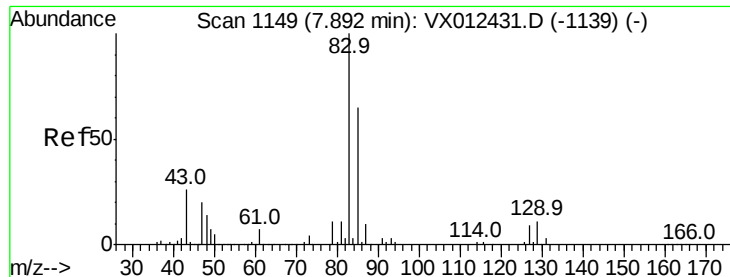
Tot Ion: 63 Resp: 93963
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.0 37.6



#46
 Dibromomethane
 Concen: 52.470 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 93 Resp: 61629
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.6 100.0
 174 95.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.917 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

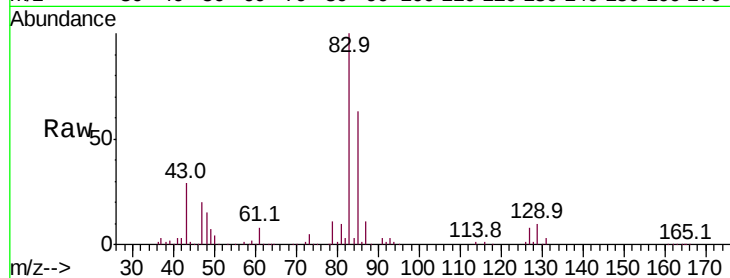
Tot Ion: 83 Resp: 138392

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

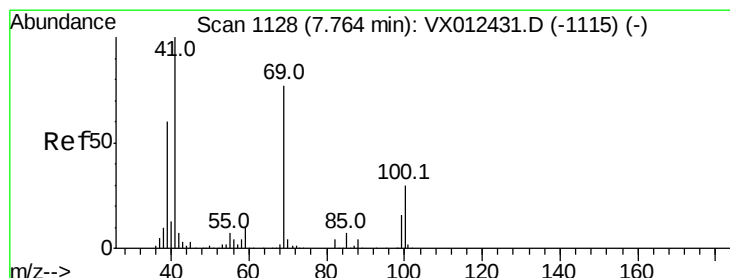
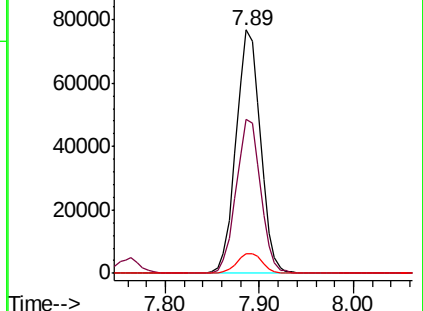
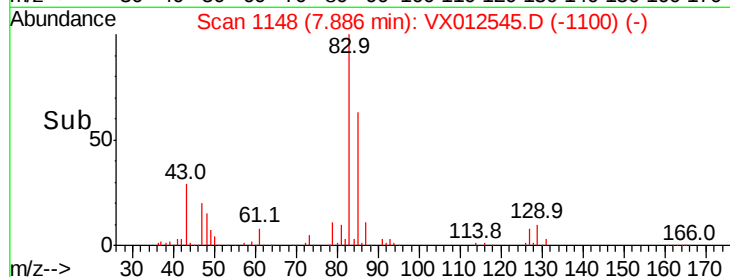
127 8.0 7.3 10.9



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: 51.722 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

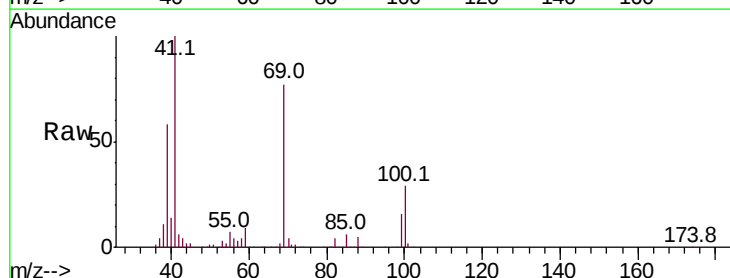
Tgt Ion: 41 Resp: 124793

Ion Ratio Lower Upper

41 100

69 75.9 59.9 89.9

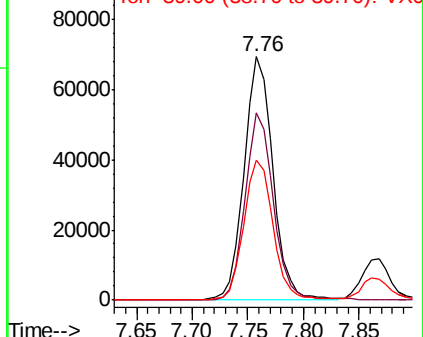
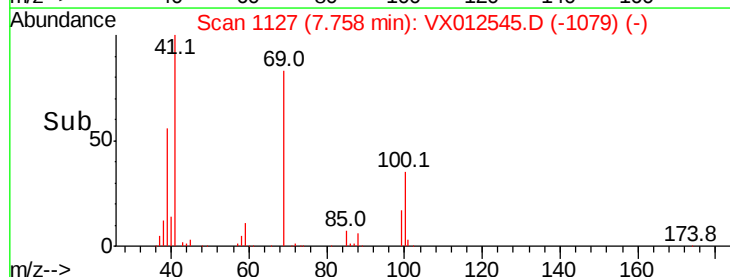
39 58.6 47.8 71.6

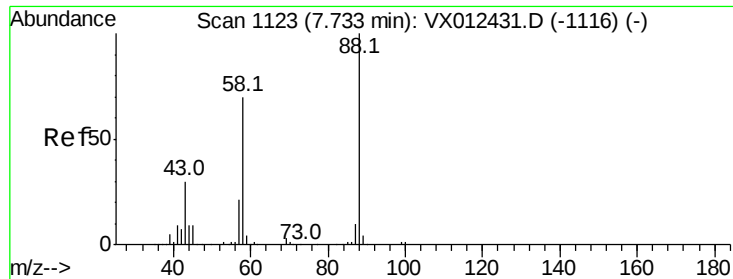


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 990.058 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

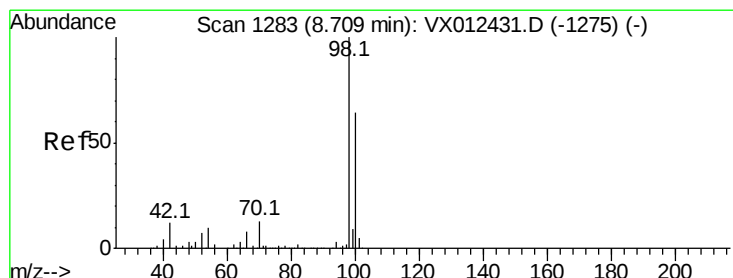
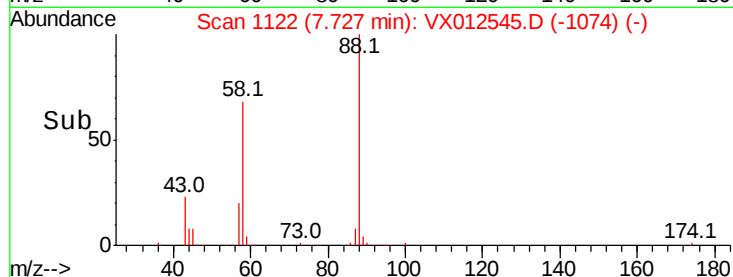
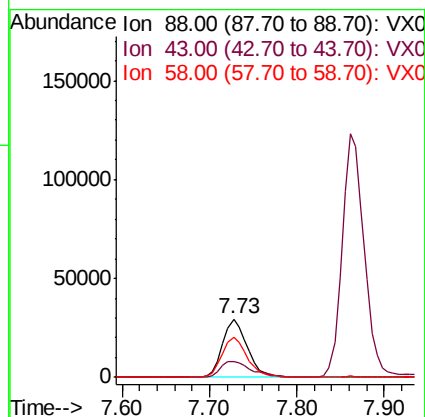
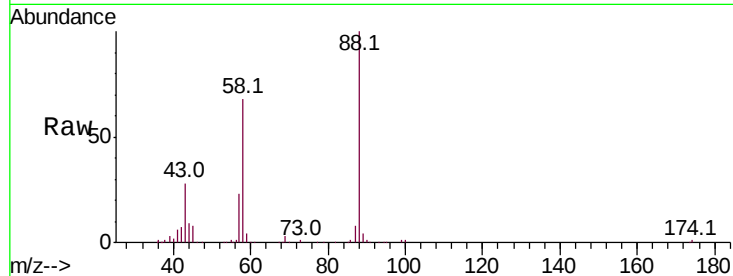
Tot Ion: 88 Resp: 58139

Ion Ratio Lower Upper

88 100

43 33.9 29.4 44.0

58 70.5 57.5 86.3



#50

Toluene-d8

Concen: 49.469 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012545.D

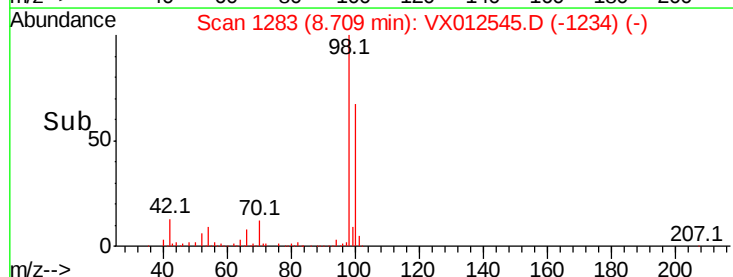
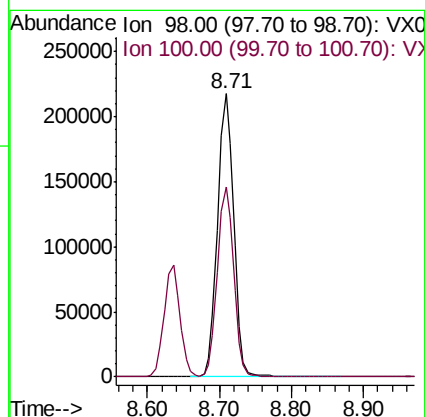
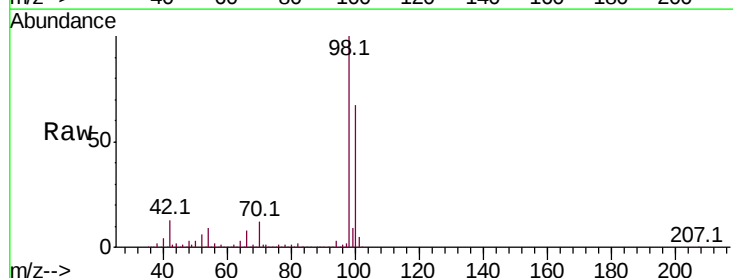
Acq: 20 Sep 2019 10:16

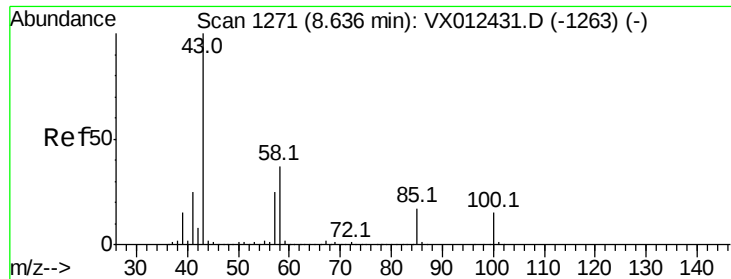
Tgt Ion: 98 Resp: 338789

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2

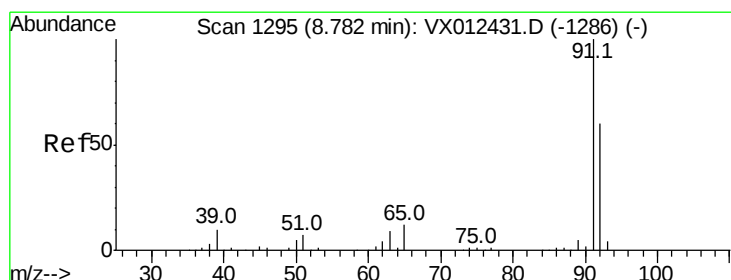
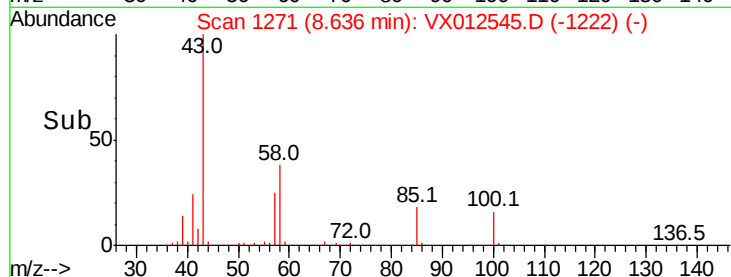
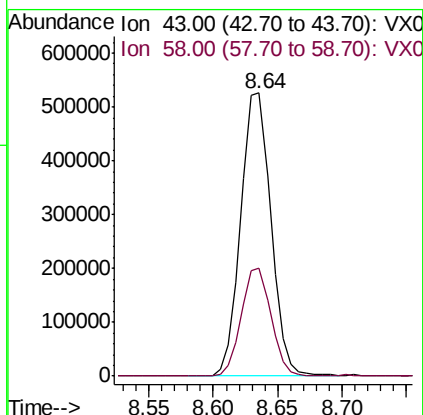
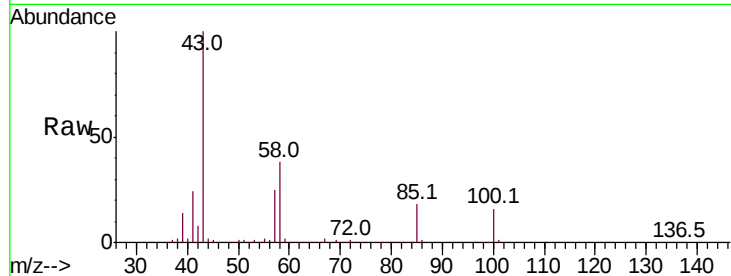




#51
 4-Methyl-2-Pentanone
 Concen: 254.303 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

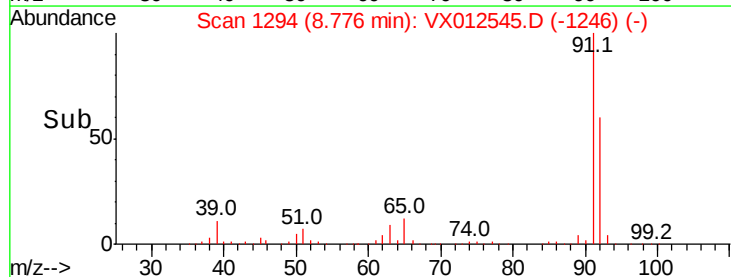
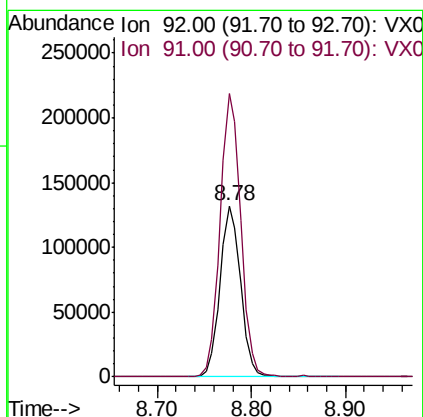
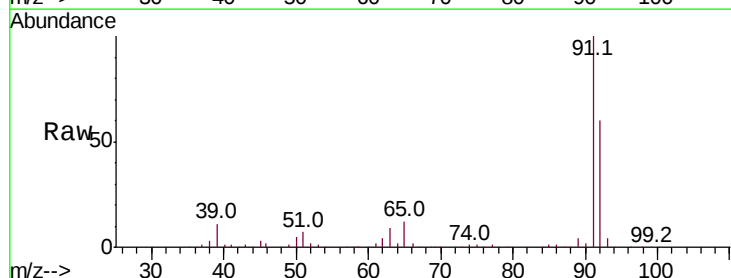
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

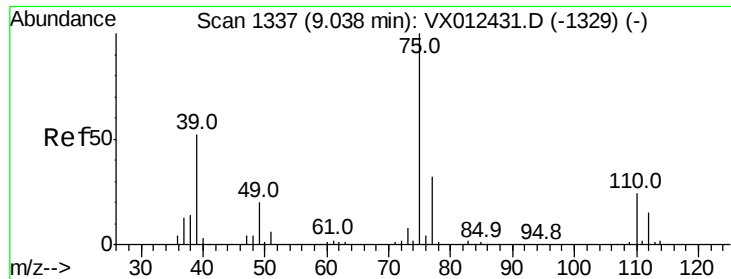
Tot Ion: 43 Resp: 853602
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.8 44.6



#52
 Toluene
 Concen: 52.563 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 92 Resp: 200101
 Ion Ratio Lower Upper
 92 100
 91 166.6 135.4 203.0

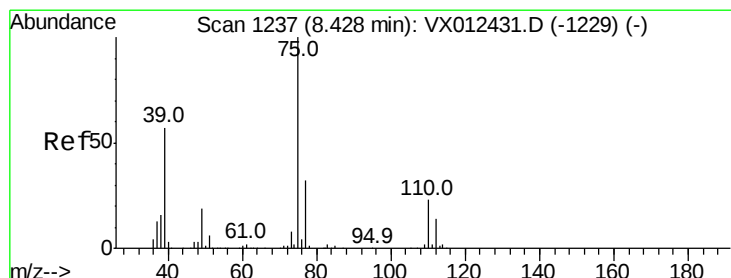
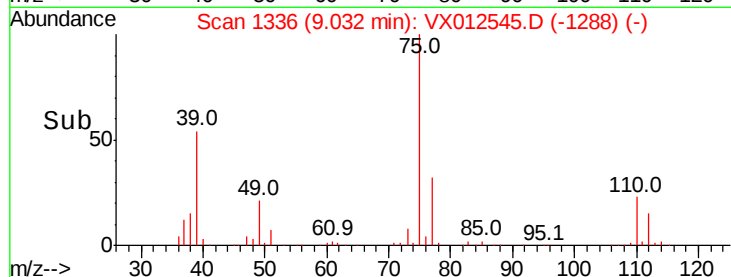
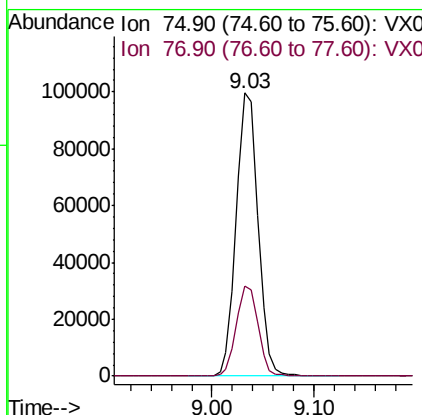
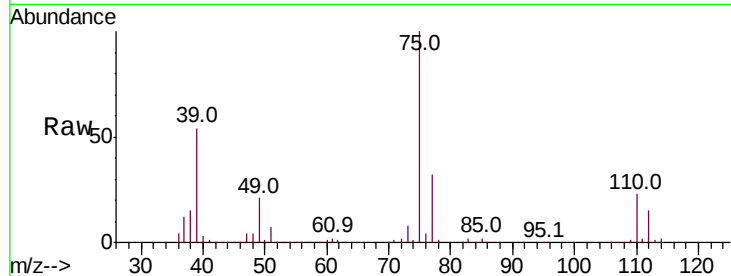




#53
 t-1,3-Dichloropropene
 Concen: 53.908 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

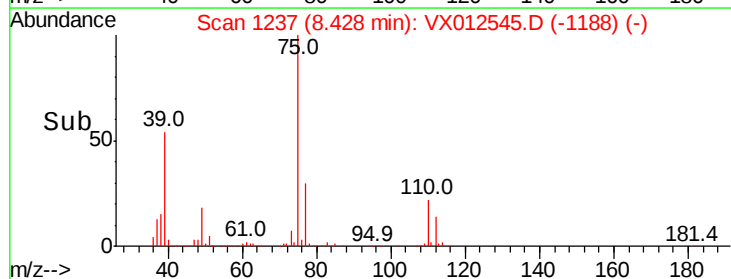
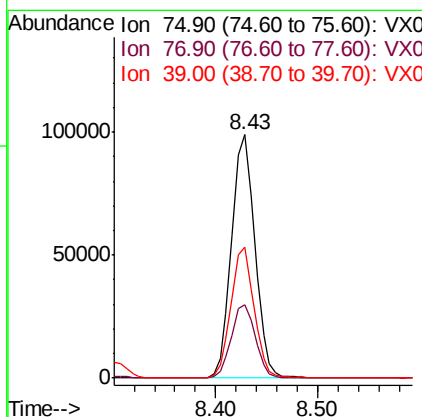
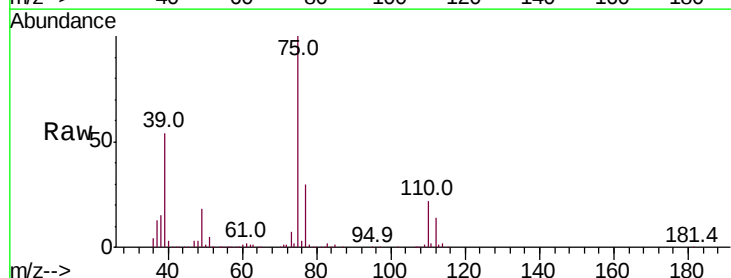
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

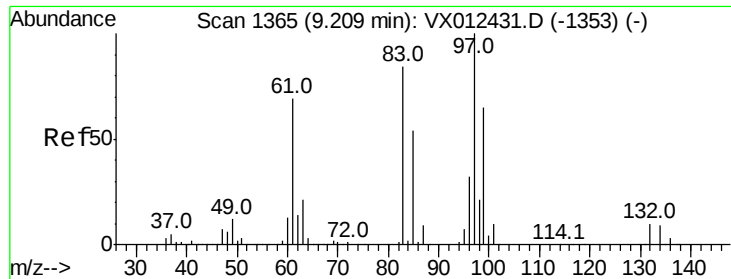
Tot Ion: 75 Resp: 146553
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.486 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 75 Resp: 156163
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 53.6 45.5 68.3

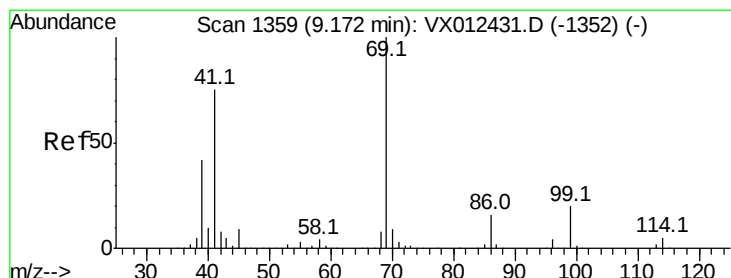
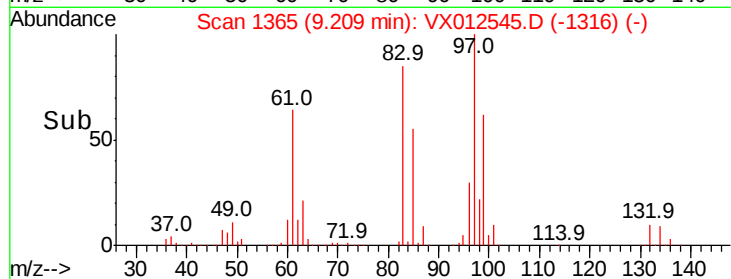
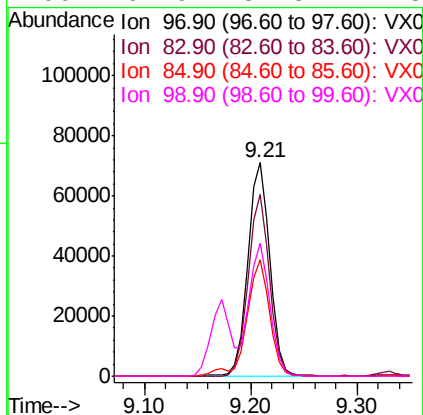
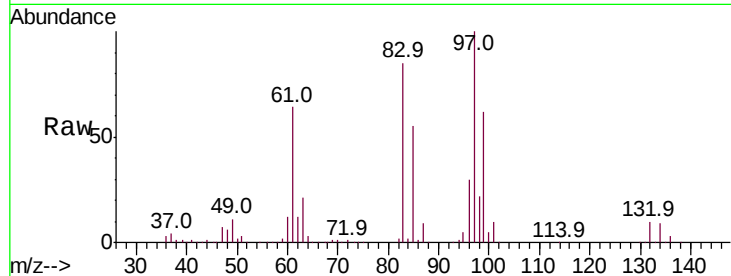




#55
 1,1,2-Trichloroethane
 Concen: 52.578 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

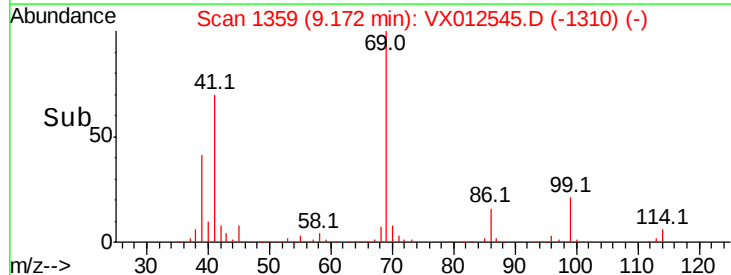
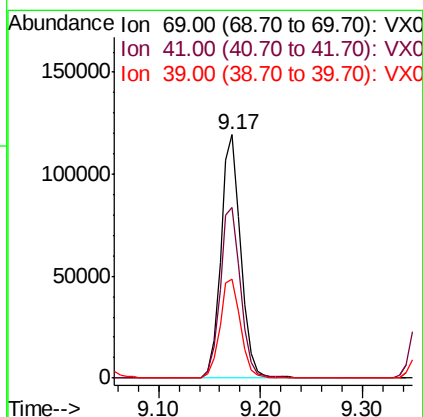
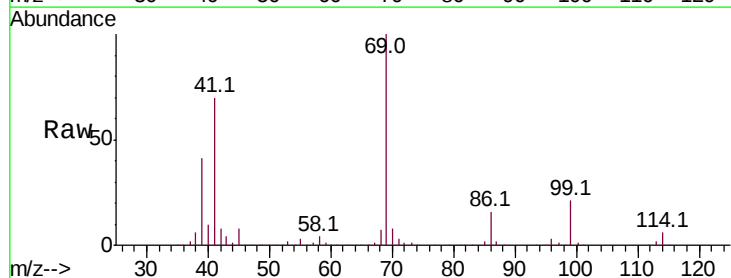
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

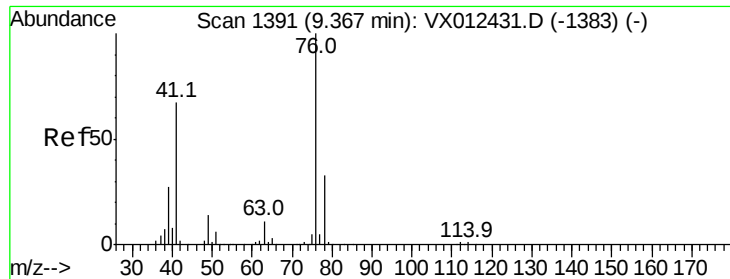
Tot Ion:	97	Resp:	103119
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.2
85	54.7	43.5	65.3
99	61.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 52.762 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion:	69	Resp:	161792
Ion	Ratio	Lower	Upper
69	100		
41	72.0	58.4	87.6
39	42.1	33.4	50.0





#57

1,3-Dichloropropane

Concen: 52.994 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

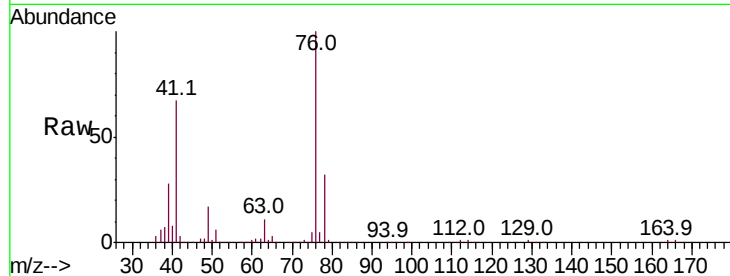
VSTDCCC050

Tot Ion: 76 Resp: 165831

Ion Ratio Lower Upper

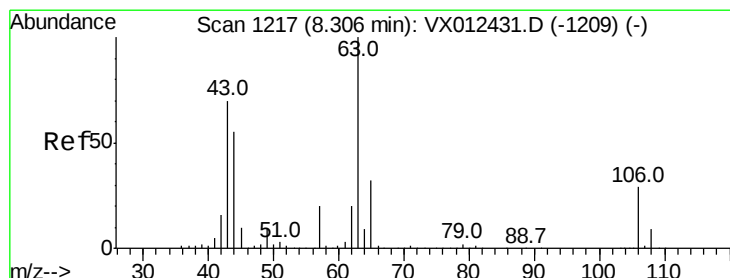
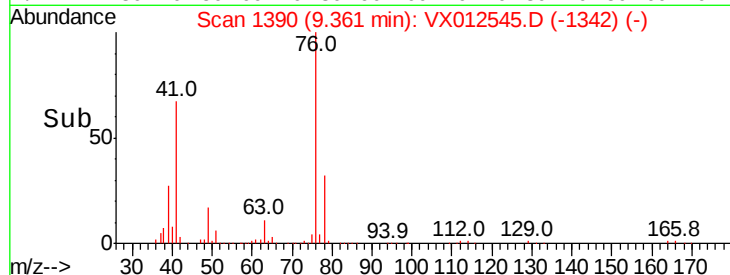
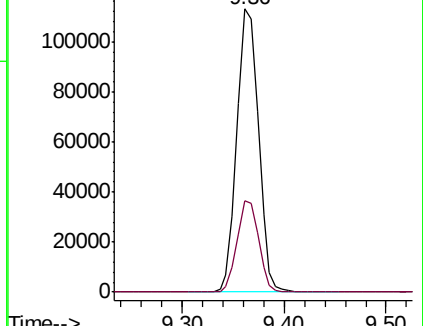
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 277.593 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012545.D

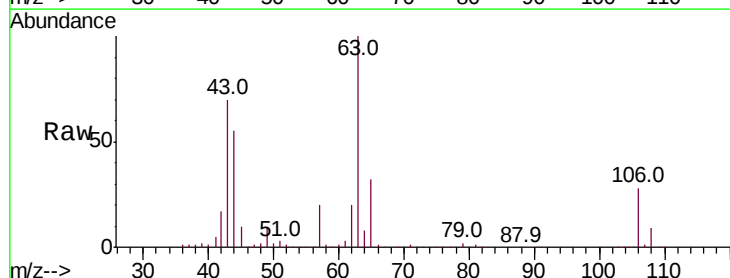
Acq: 20 Sep 2019 10:16

Tgt Ion: 63 Resp: 440625

Ion Ratio Lower Upper

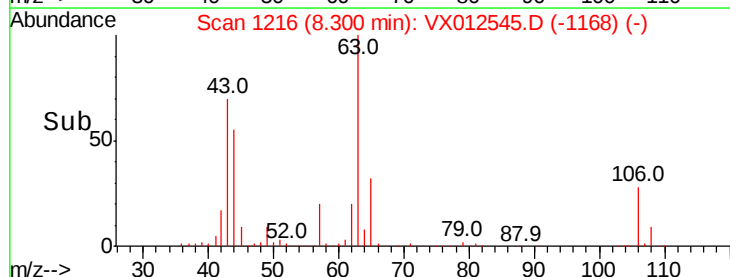
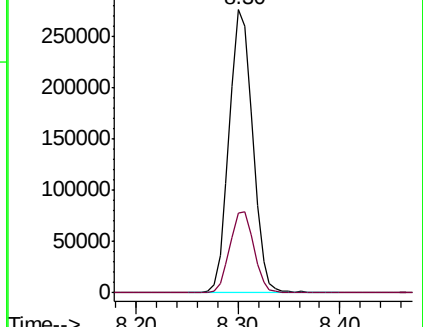
63 100

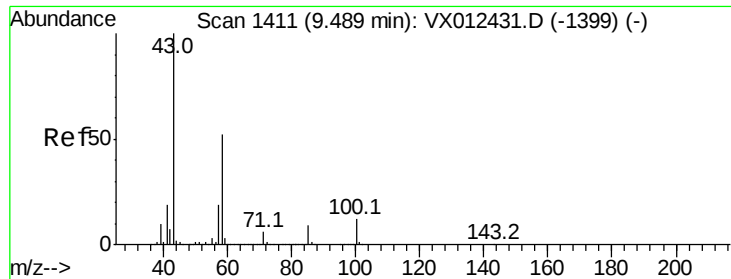
106 29.3 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

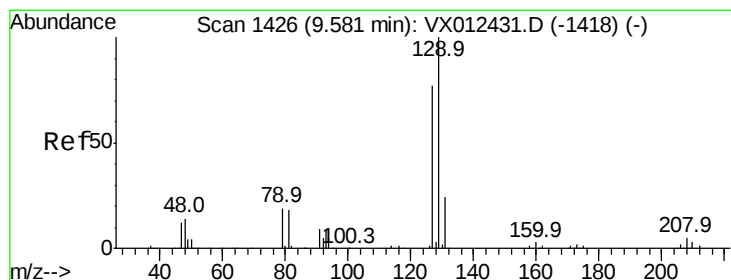
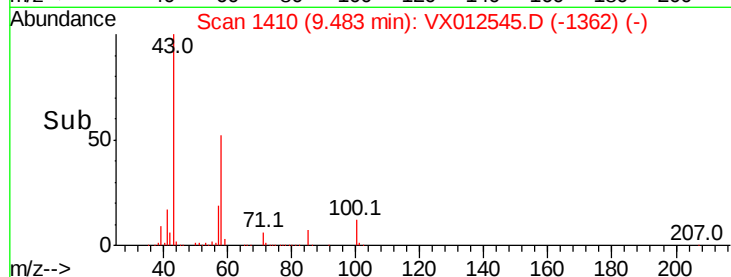
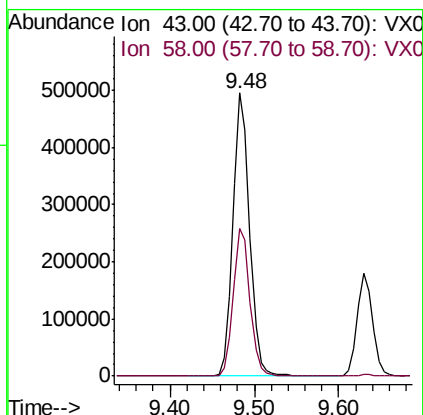
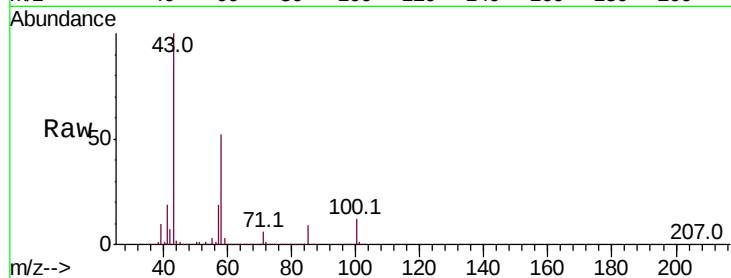




#59
2-Hexanone
Concen: 253.818 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

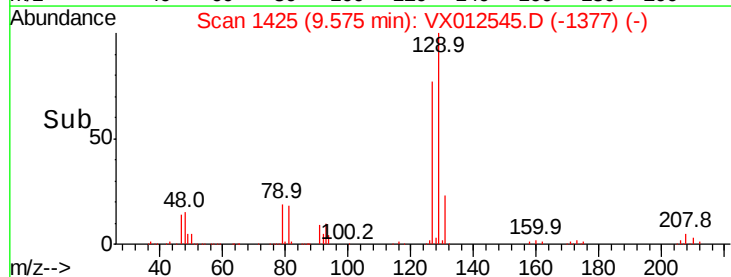
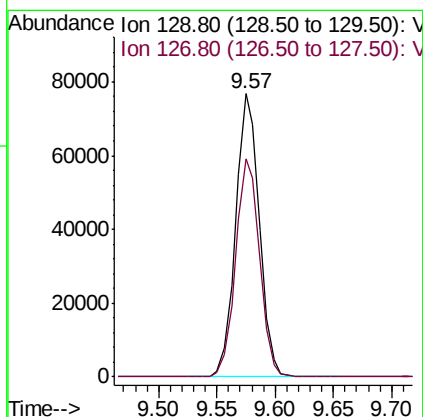
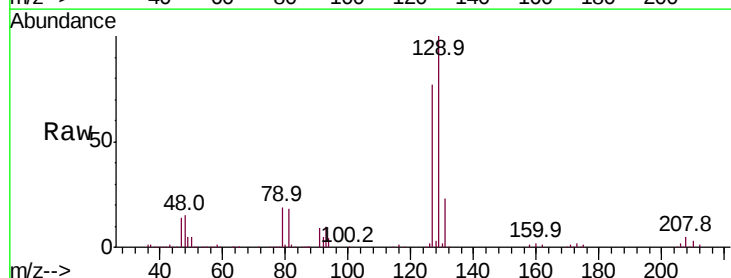
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

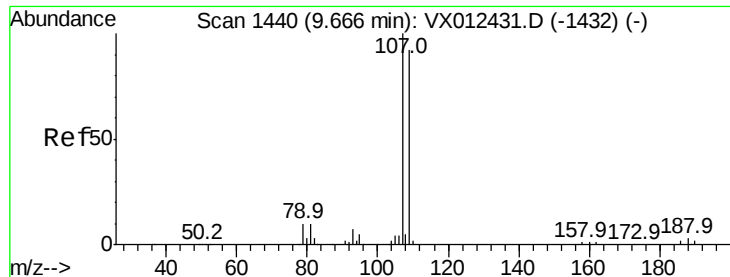
Tot Ion: 43 Resp: 664680
Ion Ratio Lower Upper
43 100
58 52.6 25.7 77.1



#60
Dibromochloromethane
Concen: 54.376 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 129 Resp: 108630
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.432 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

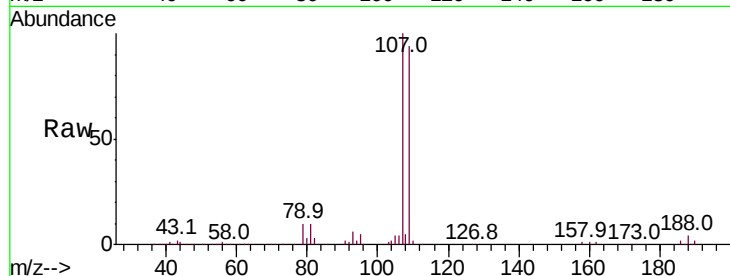
VSTDCCC050

Tot Ion:107 Resp: 97501

Ion Ratio Lower Upper

107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

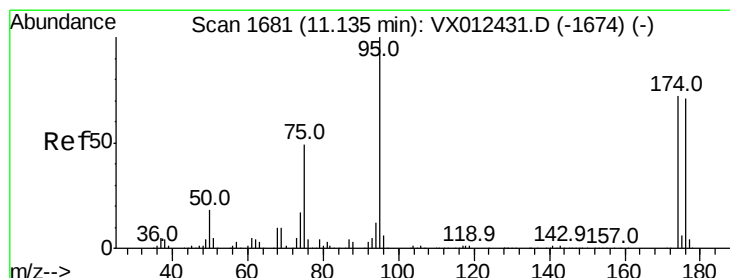
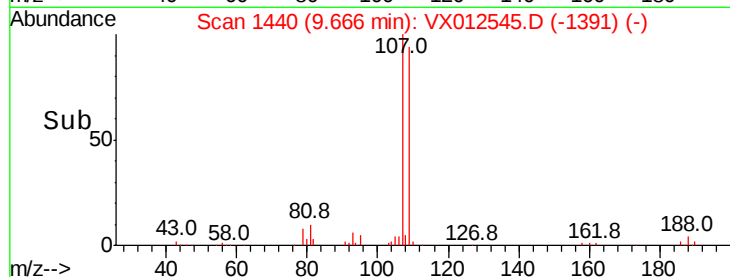
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.764 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

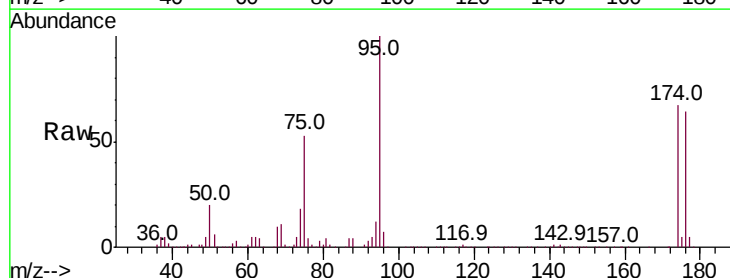
Tgt Ion: 95 Resp: 138664

Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.0

176 69.1 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

150000

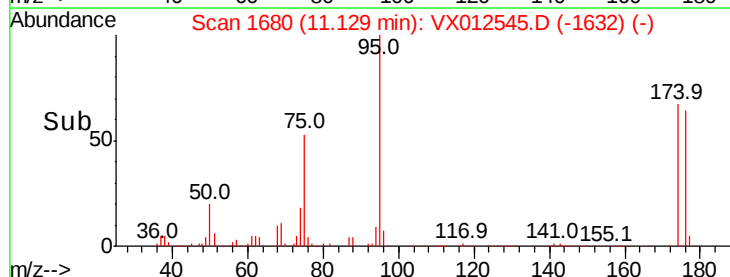
100000

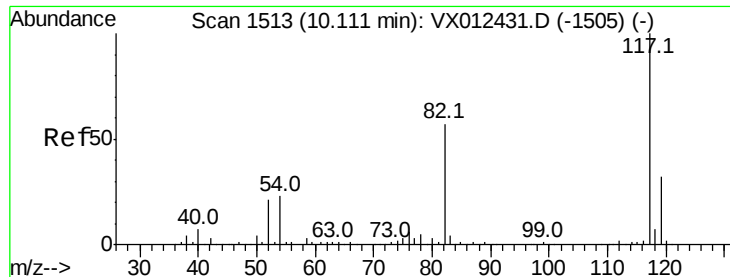
50000

0

Time-->

11.10 11.20

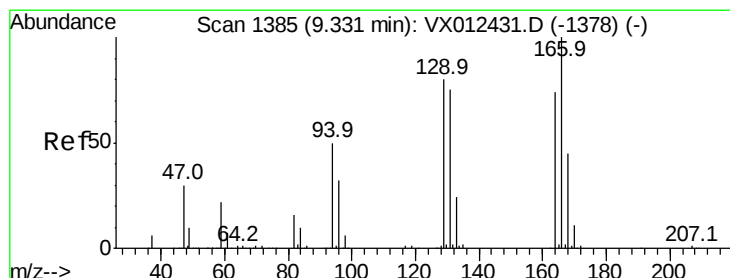
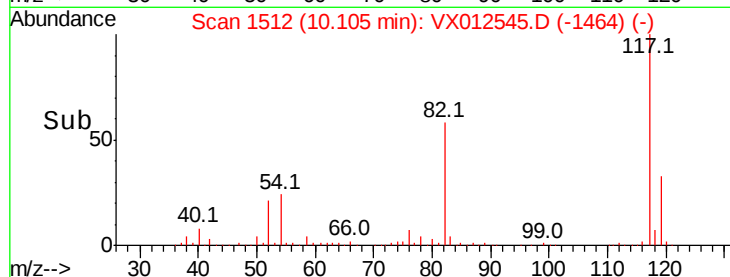
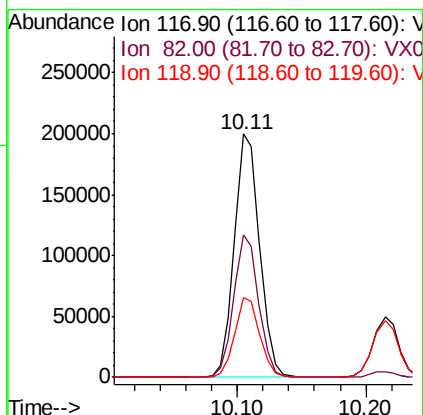
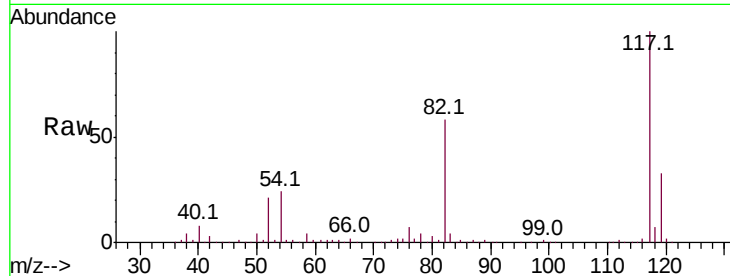




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

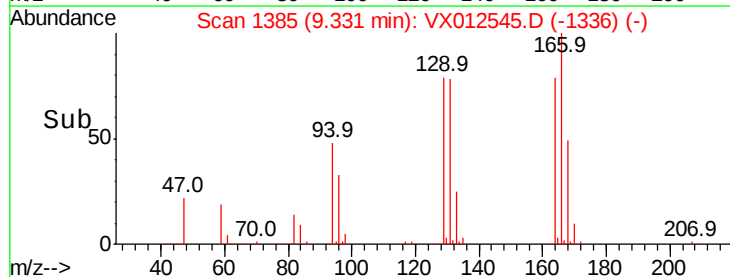
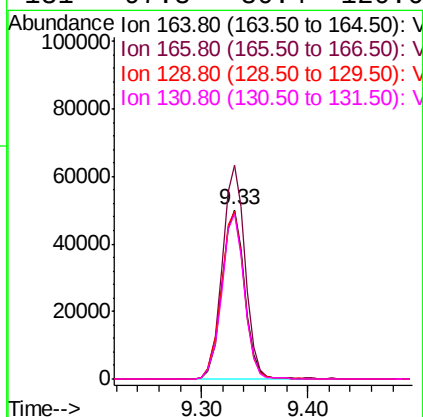
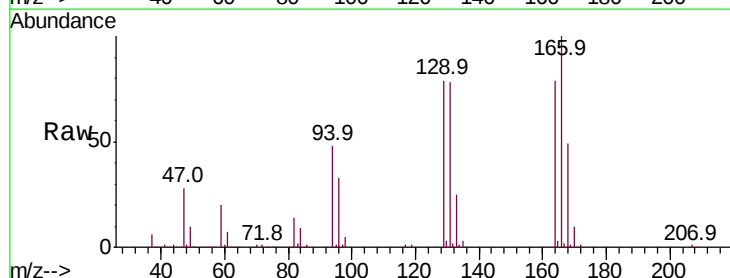
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

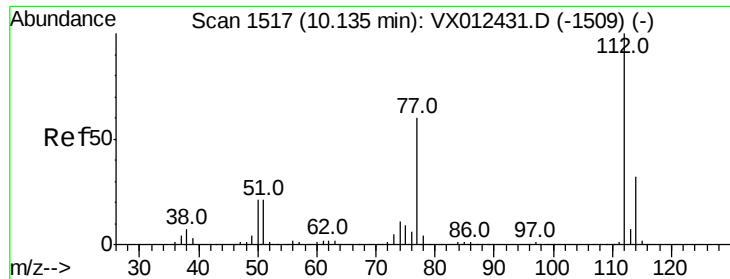
Tot Ion:117 Resp: 274572
Ion Ratio Lower Upper
117 100
82 58.3 45.9 68.9
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 59.386 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion:164 Resp: 74719
Ion Ratio Lower Upper
164 100
166 126.0 107.8 161.6
129 99.1 86.2 129.2
131 97.8 80.4 120.6





#65

Chlorobenzene

Concen: 52.251 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

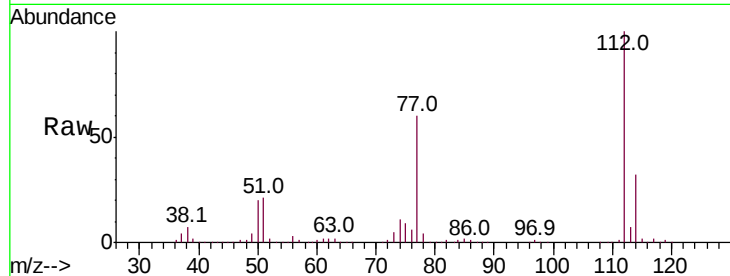
VSTDCCC050

Tot Ion:112 Resp: 236792

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

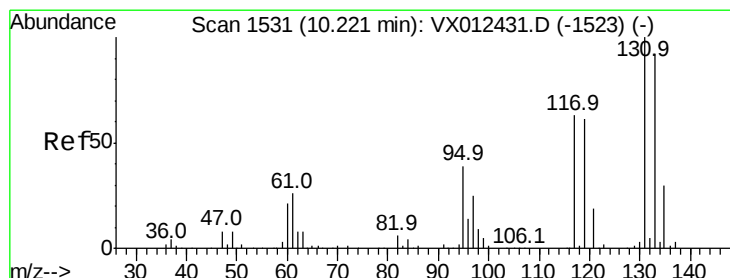
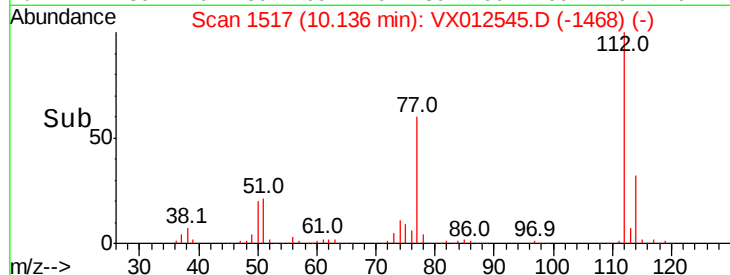
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 54.629 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

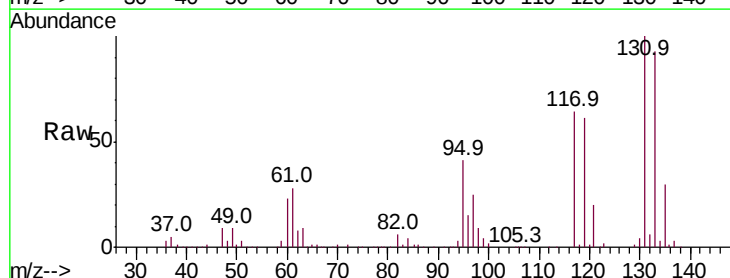
Tgt Ion:131 Resp: 102746

Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.9

119 61.8 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

10.21

100000

80000

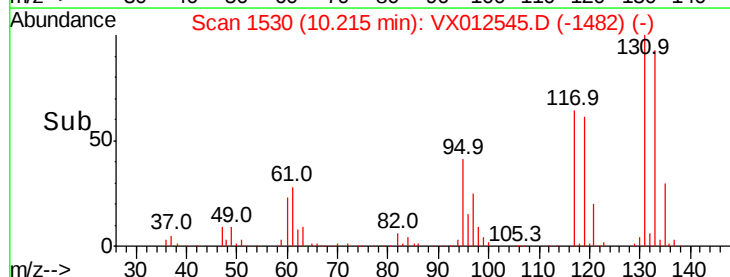
60000

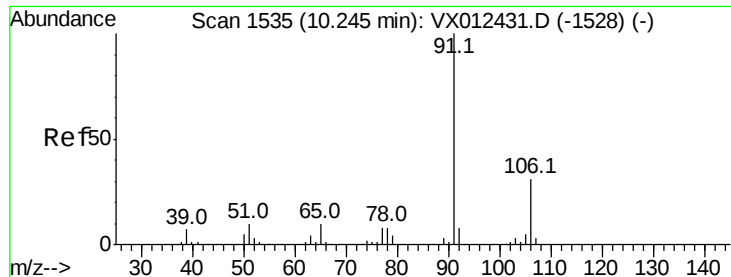
40000

20000

0

Time--> 10.20 10.30

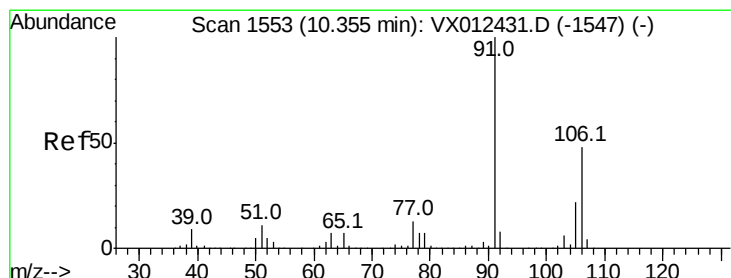
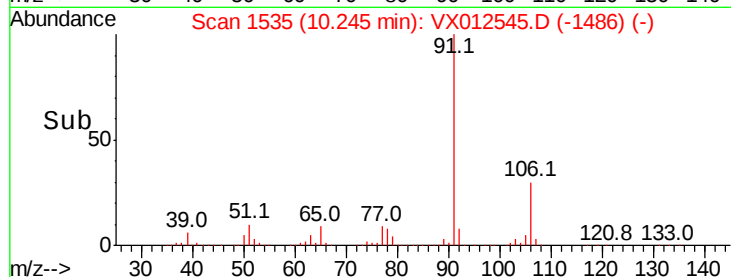
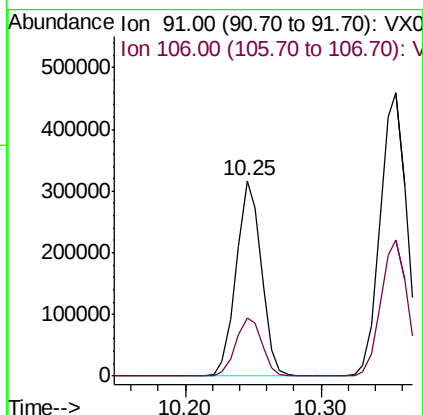
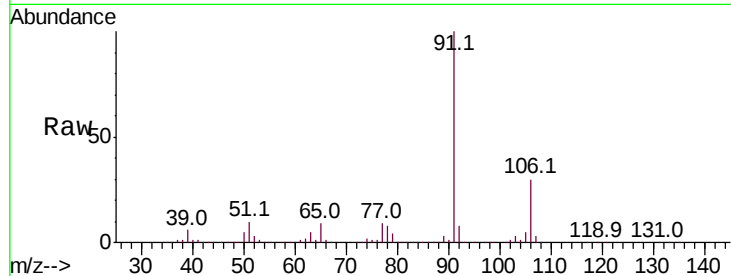




#67
Ethyl Benzene
Concen: 52.440 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

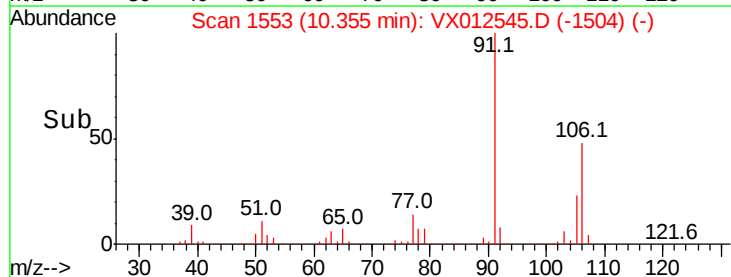
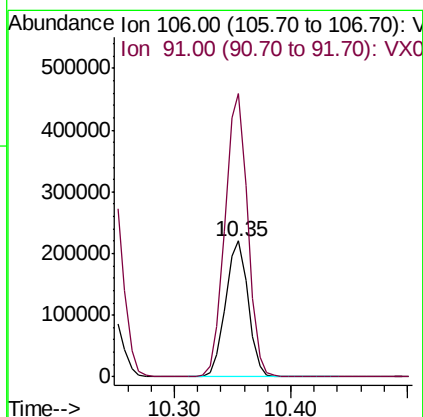
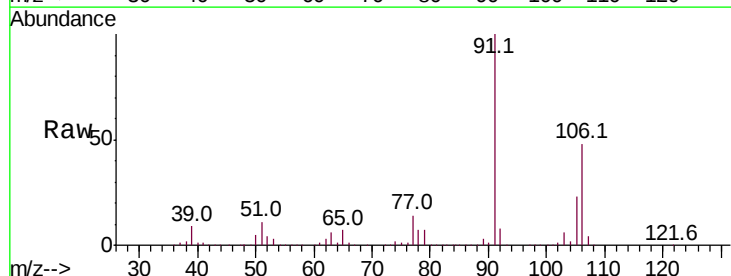
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

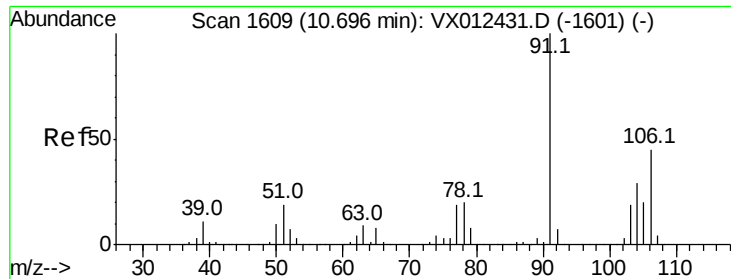
Tot Ion: 91 Resp: 408294
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0



#68
m/p-Xylenes
Concen: 105.160 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 106 Resp: 297909
Ion Ratio Lower Upper
106 100
91 208.3 166.6 250.0

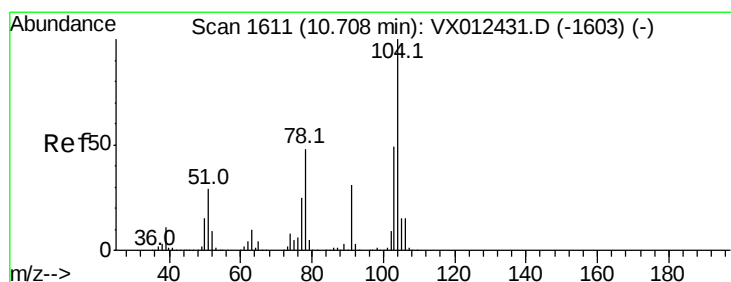
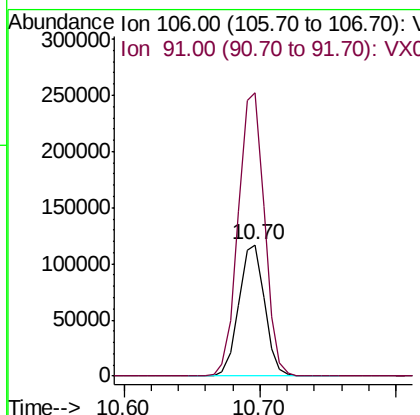
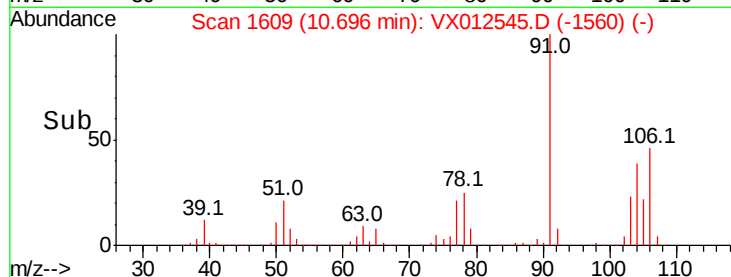
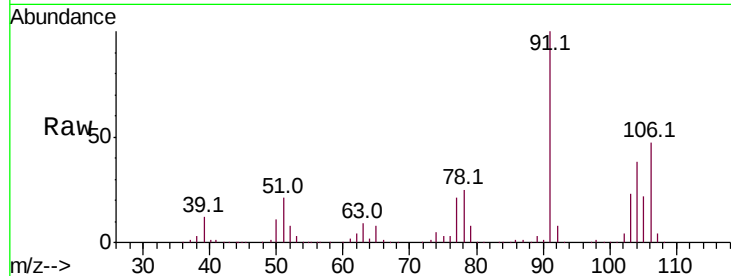




#69
o-Xylene
Concen: 52.734 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

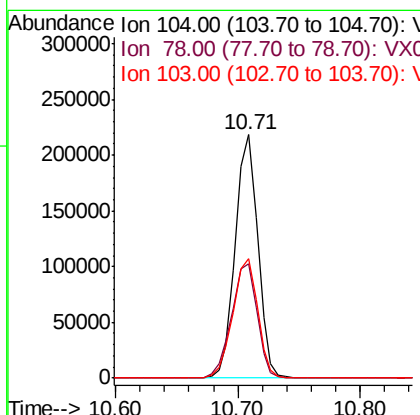
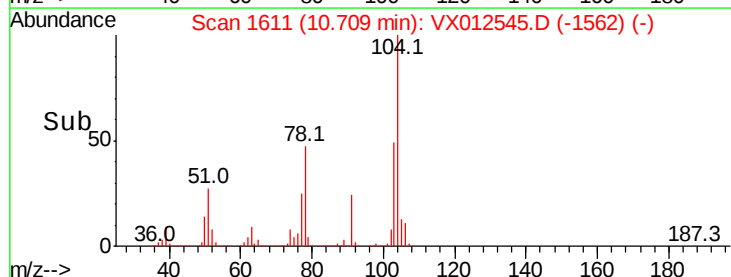
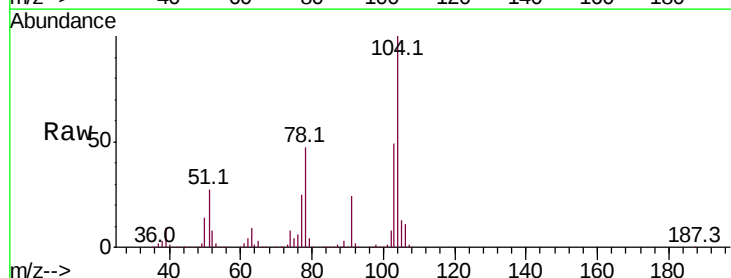
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

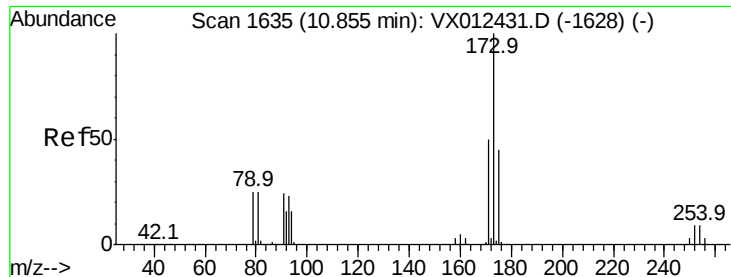
Tot Ion:106 Resp: 153636
Ion Ratio Lower Upper
106 100
91 220.6 109.4 328.2



#70
Styrene
Concen: 53.902 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion:104 Resp: 277844
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 54.4 43.3 64.9





#71

Bromoform

Concen: 48.619 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

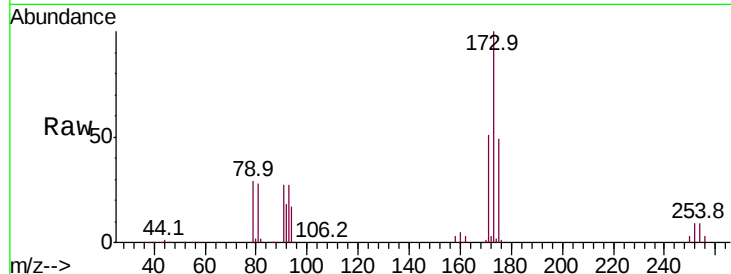
Tot Ion:173 Resp: 78598

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

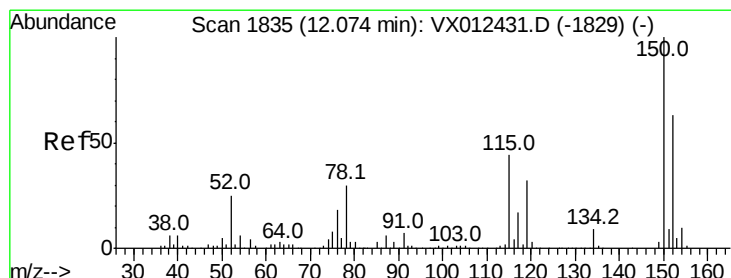
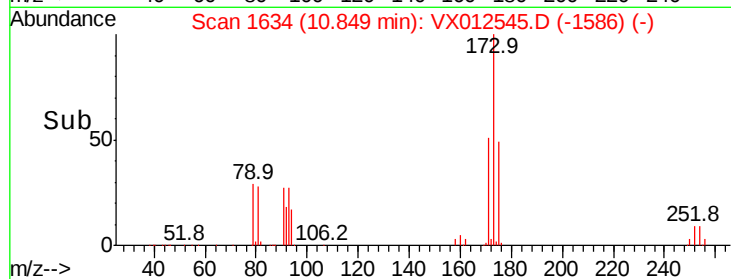
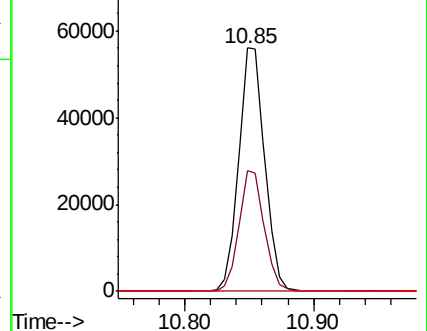
254 0.3 0.1 0.1#



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: VX012545.D

Acq: 20 Sep 2019 10:16

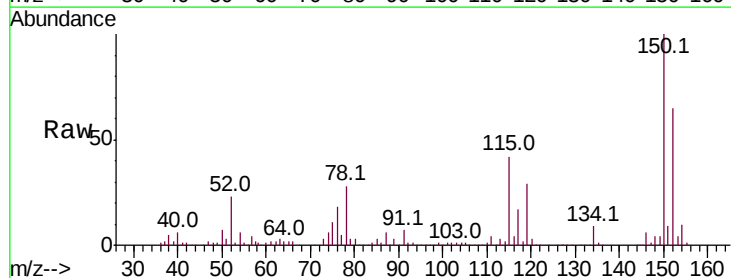
Tgt Ion:152 Resp: 136527

Ion Ratio Lower Upper

152 100

115 85.0 44.1 132.3

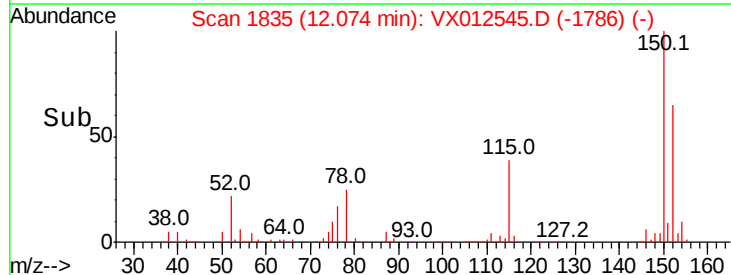
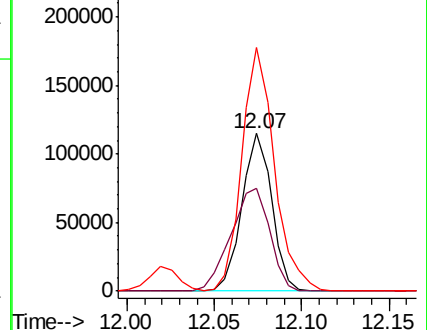
150 169.0 0.0 343.8

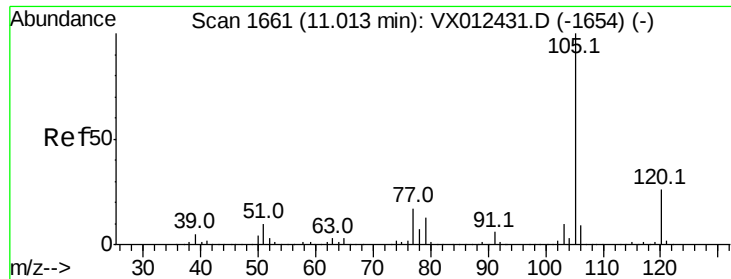


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.518 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

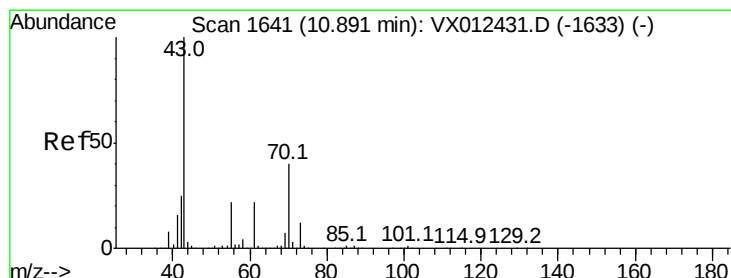
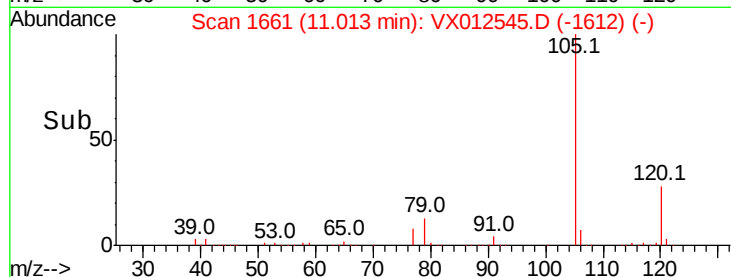
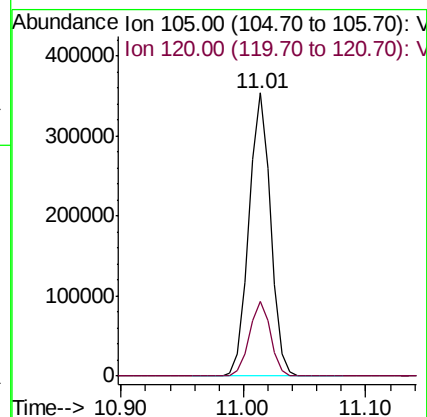
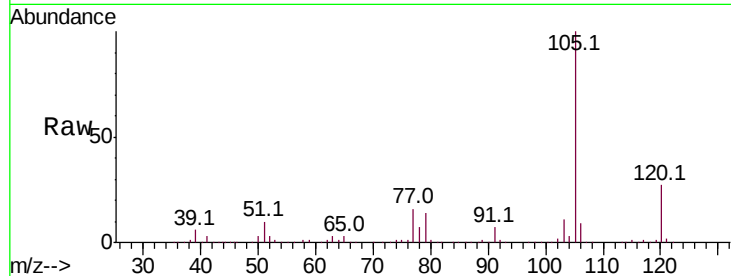
VSTDCCC050

Tot Ion:105 Resp: 432750

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 51.737 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Tgt Ion: 43 Resp: 238607

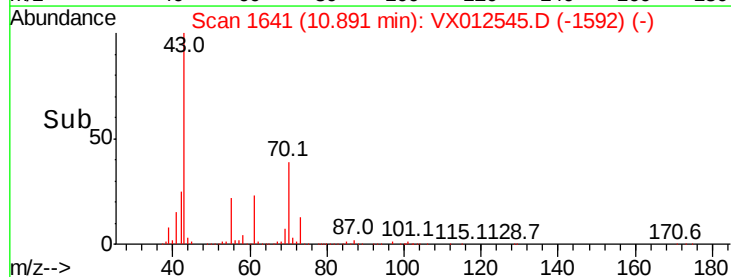
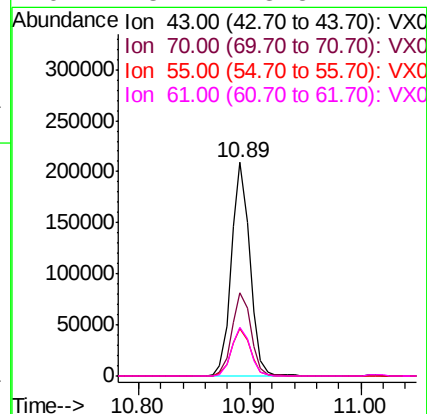
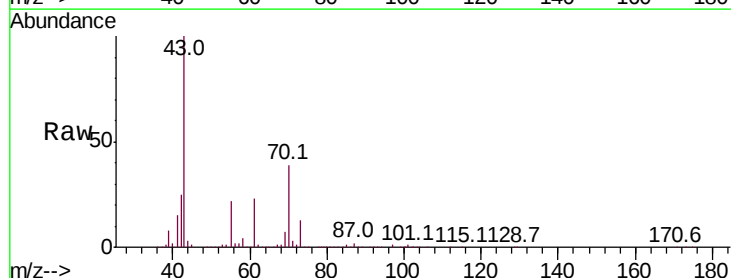
Ion Ratio Lower Upper

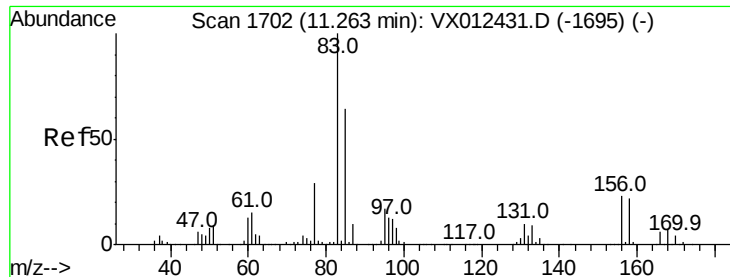
43 100

70 40.3 32.4 48.6

55 23.0 18.2 27.4

61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.739 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

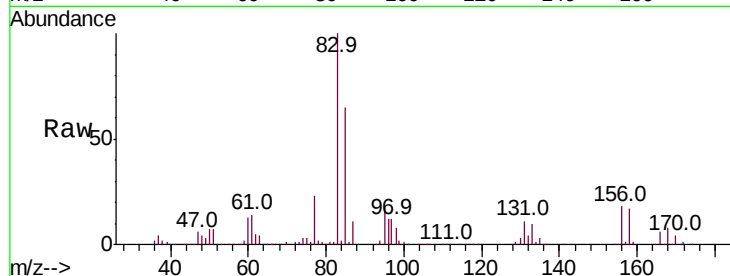
Tot Ion: 83 Resp: 167139

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

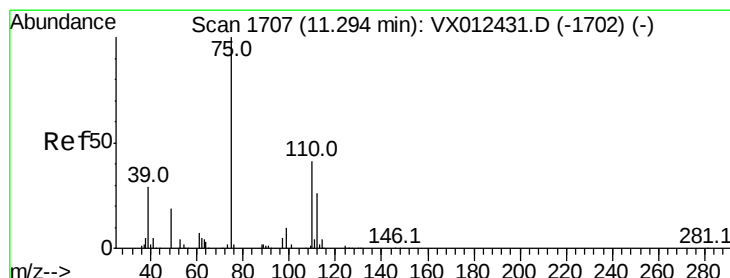
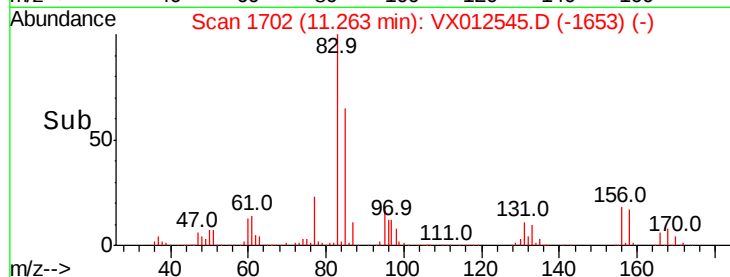
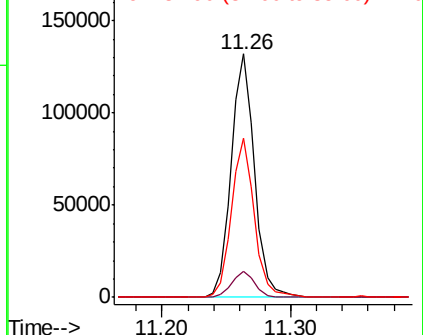
85 64.3 32.0 96.0



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: 63.026 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012545.D

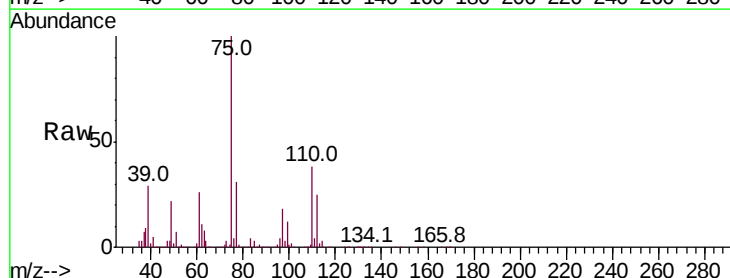
Acq: 20 Sep 2019 10:16

Tgt Ion: 75 Resp: 197657

Ion Ratio Lower Upper

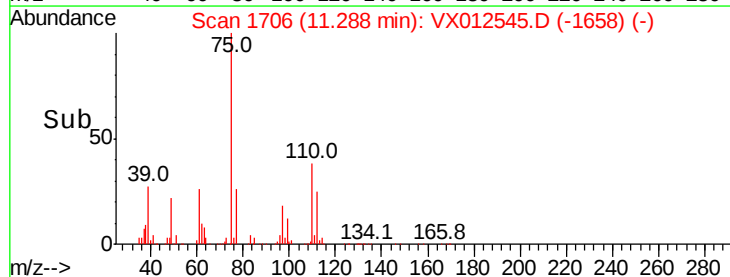
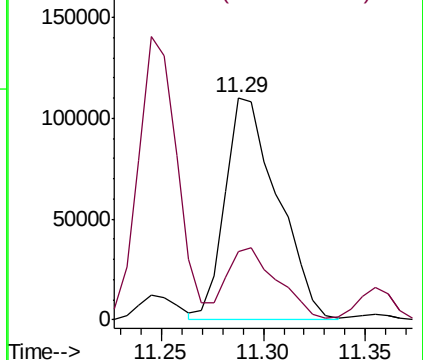
75 100

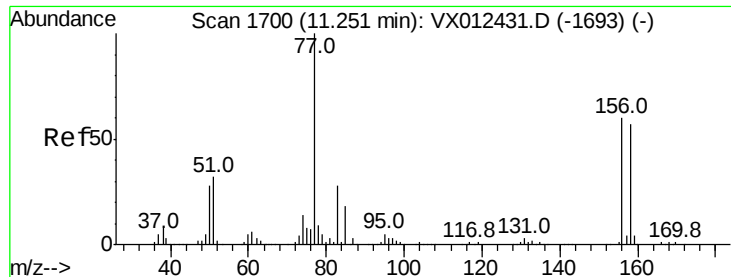
77 30.5 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

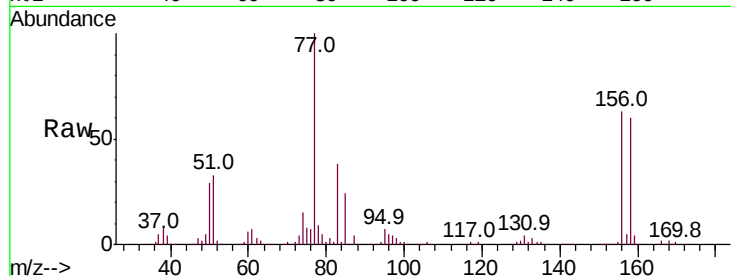
Tot Ion:156 Resp: 107458

Ion Ratio Lower Upper

156 100

77 173.8 87.3 261.8

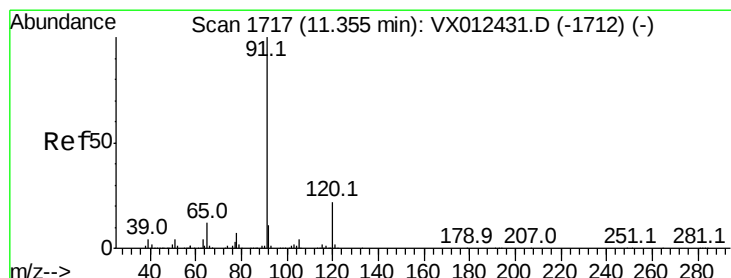
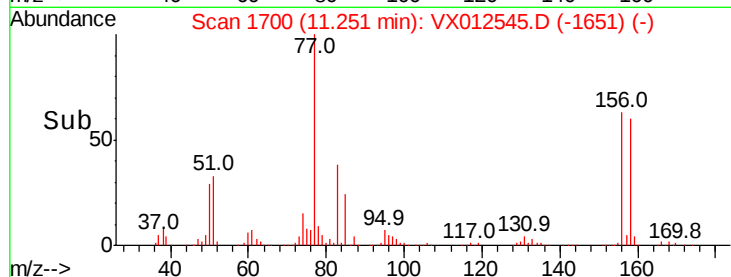
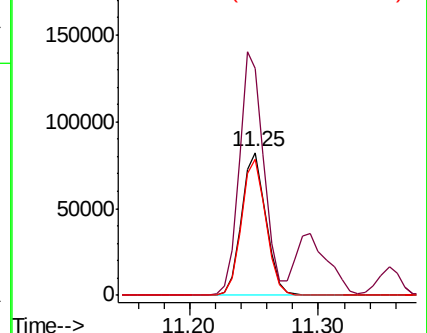
158 95.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.915 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012545.D

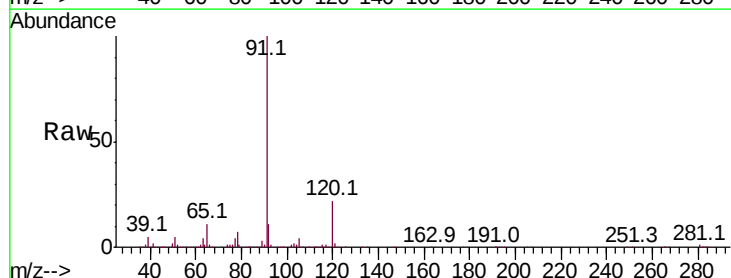
Acq: 20 Sep 2019 10:16

Tgt Ion: 91 Resp: 486113

Ion Ratio Lower Upper

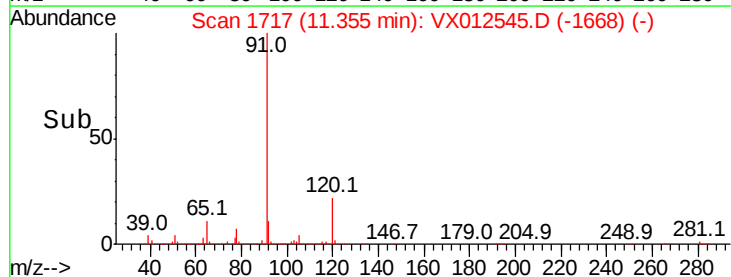
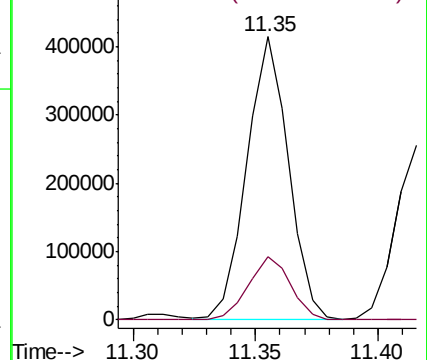
91 100

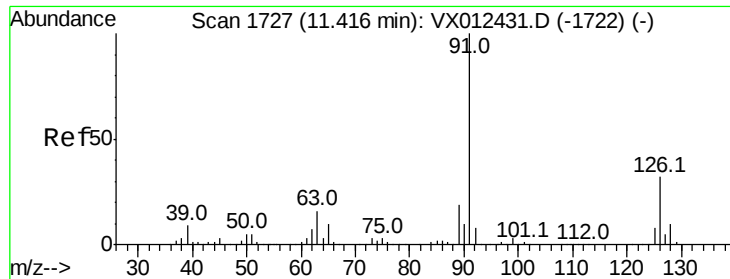
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

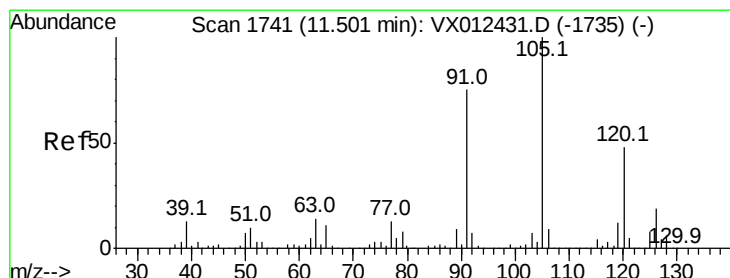
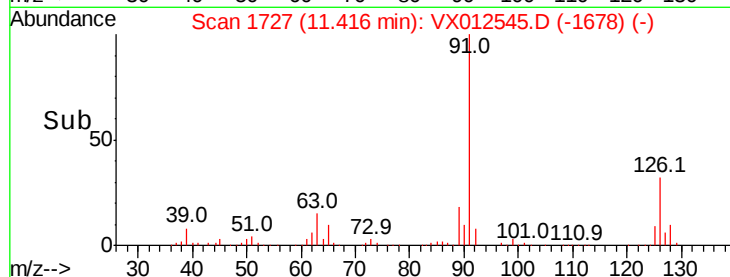
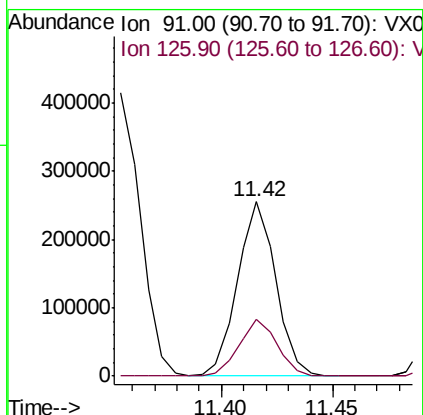
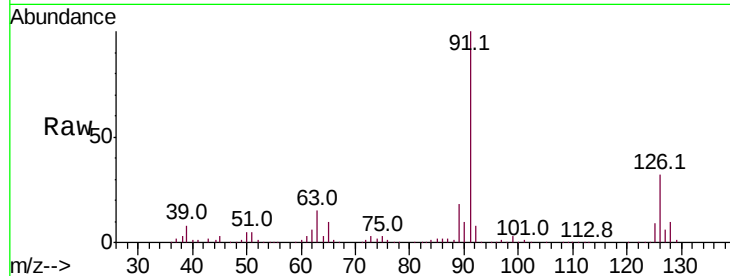




#79
 2-Chlorotoluene
 Concen: 49.093 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

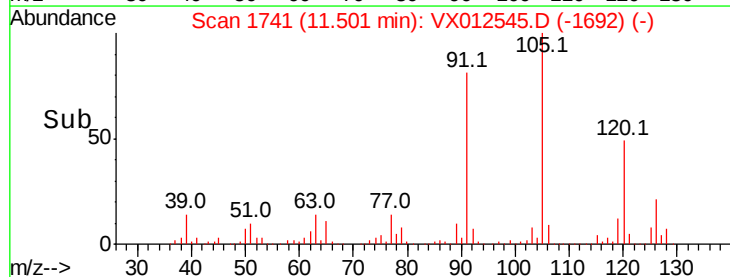
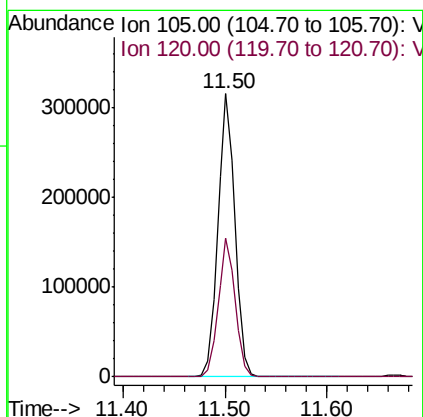
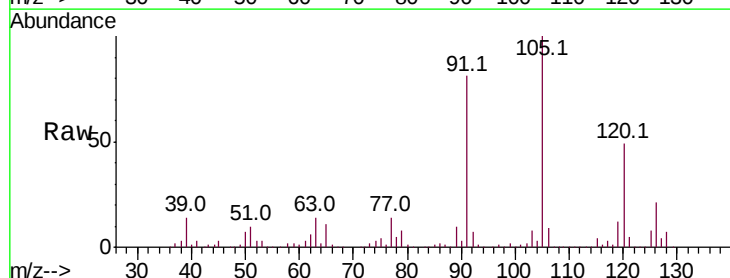
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

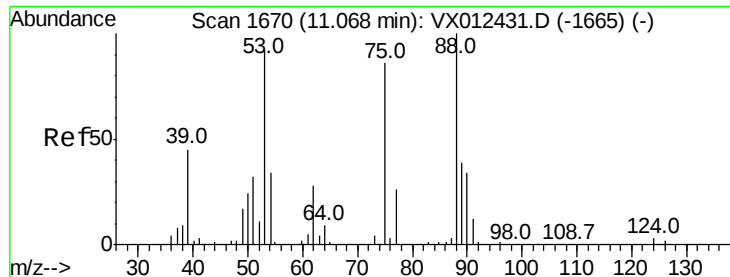
Tot Ion: 91 Resp: 304928
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.716 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 105 Resp: 370511
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.616 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

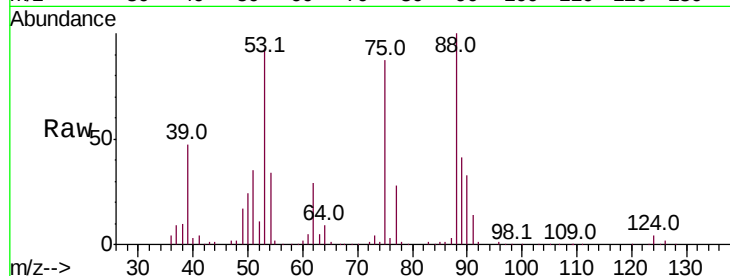
Tot Ion: 75 Resp: 52996

Ion Ratio Lower Upper

75 100

53 106.6 83.6 125.4

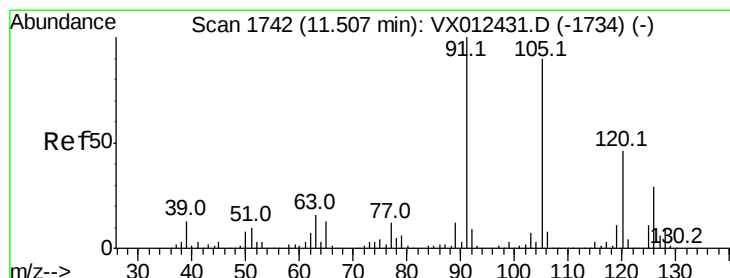
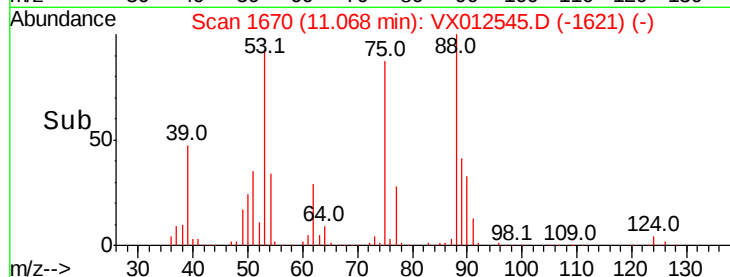
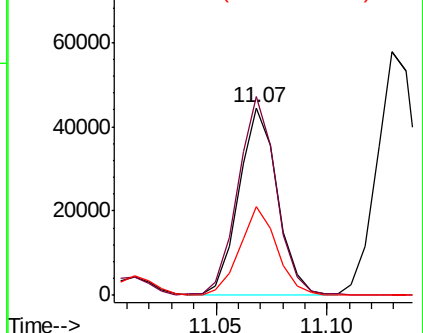
89 46.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.688 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012545.D

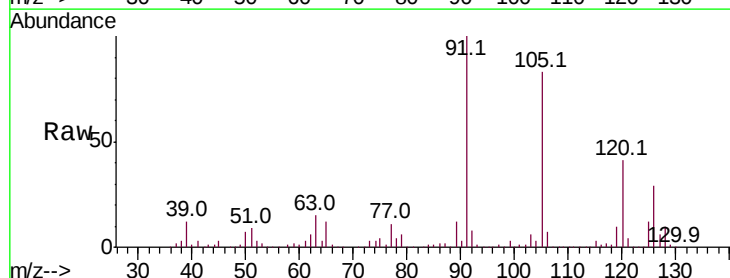
Acq: 20 Sep 2019 10:16

Tgt Ion: 91 Resp: 361332

Ion Ratio Lower Upper

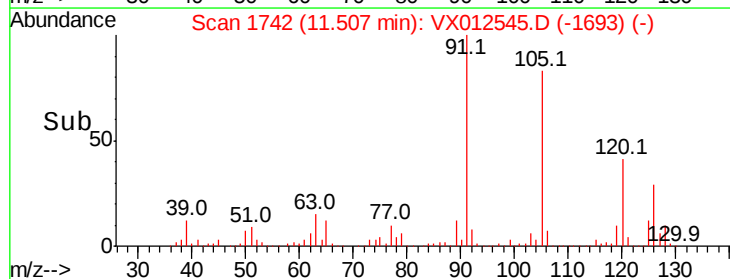
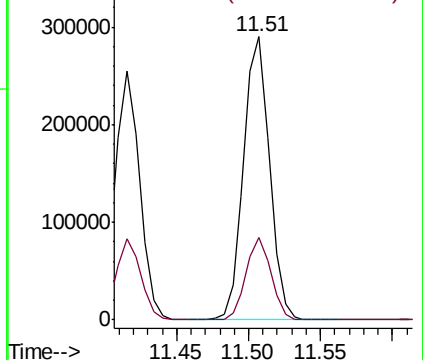
91 100

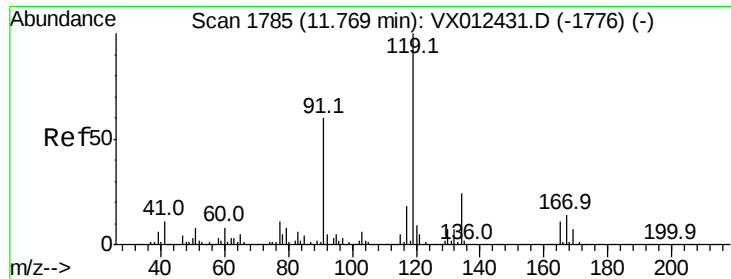
126 28.2 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.771 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

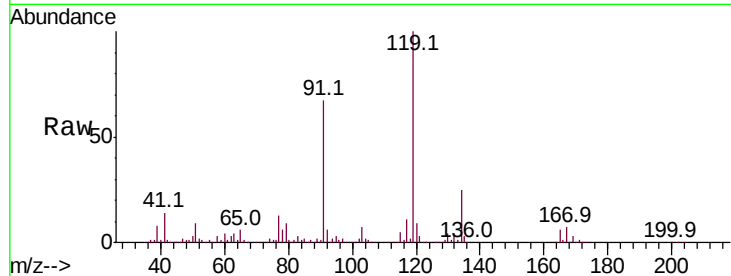
Tot Ion:119 Resp: 381798

Ion Ratio Lower Upper

119 100

91 60.2 30.0 90.0

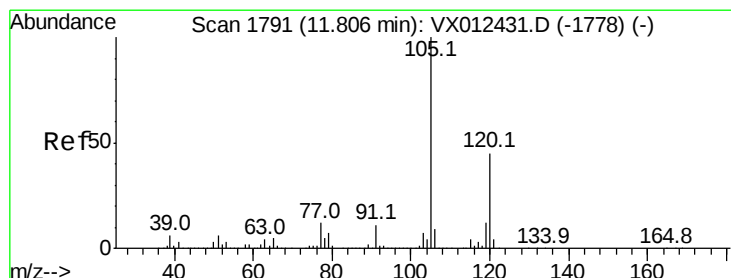
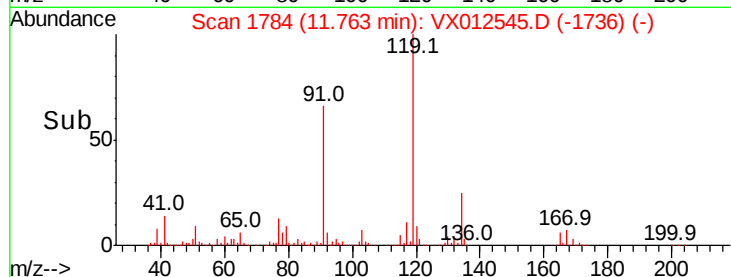
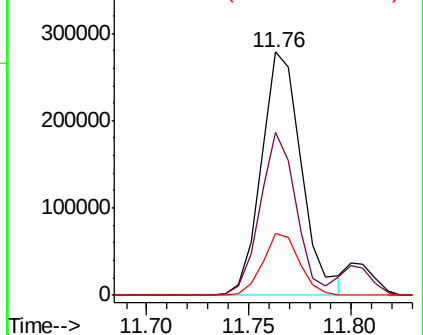
134 23.4 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.886 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012545.D

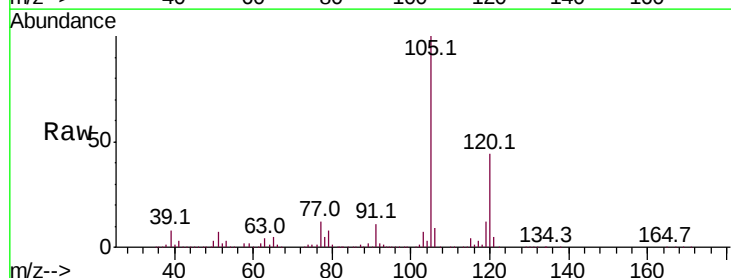
Acq: 20 Sep 2019 10:16

Tgt Ion:105 Resp: 381708

Ion Ratio Lower Upper

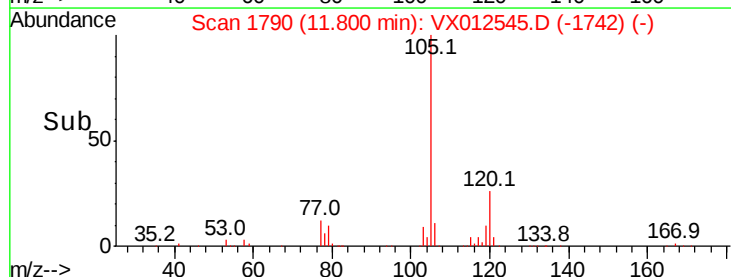
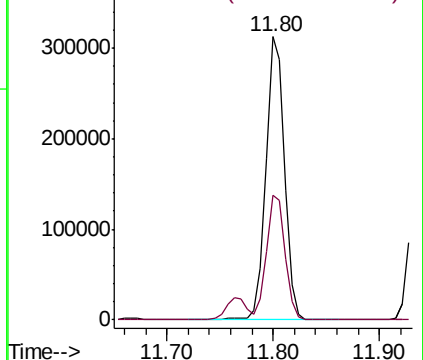
105 100

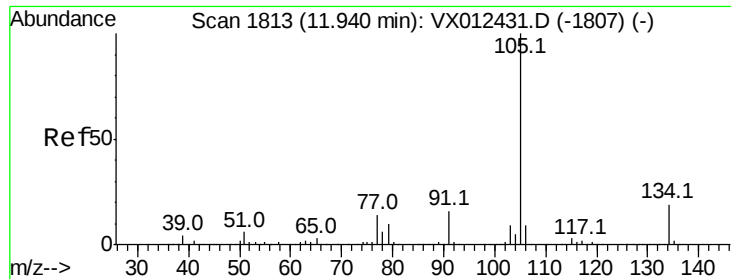
120 43.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.360 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

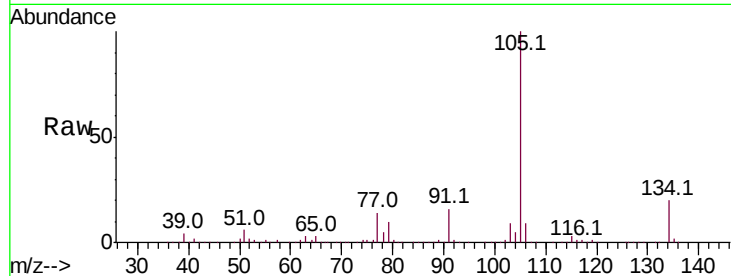
VSTDCCC050

Tot Ion:105 Resp: 434414

Ion Ratio Lower Upper

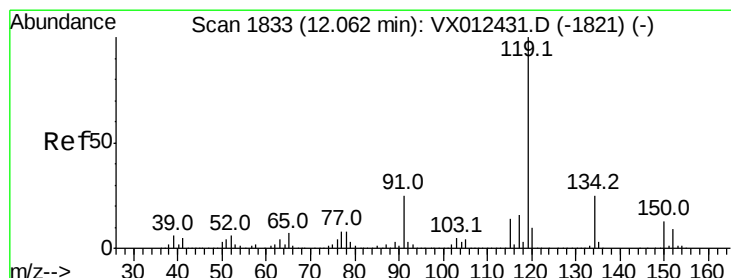
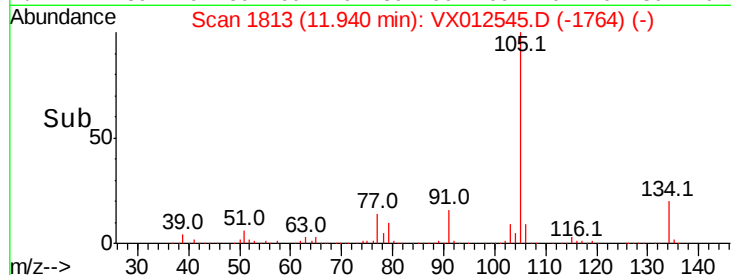
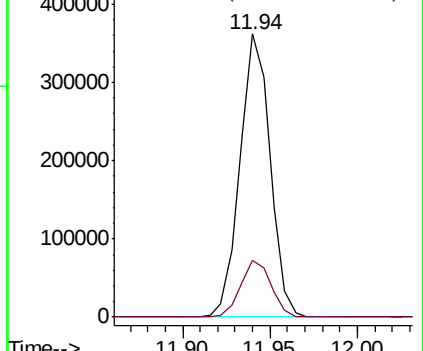
105 100

134 20.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.844 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

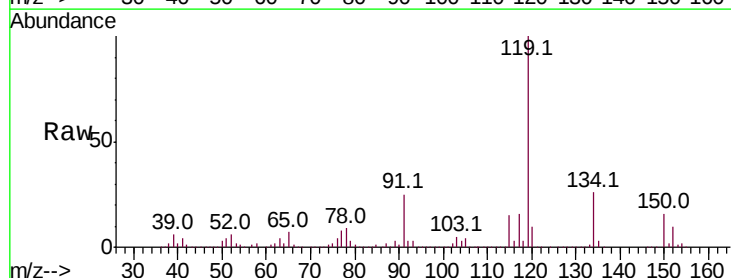
Tgt Ion:119 Resp: 402734

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

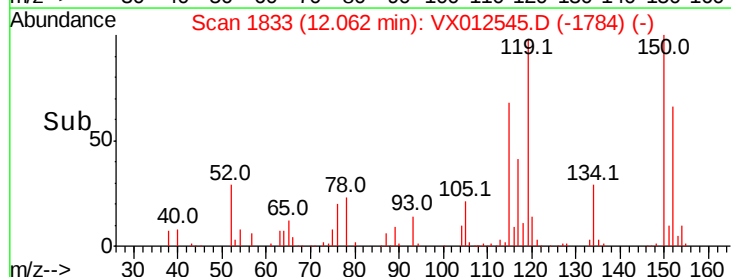
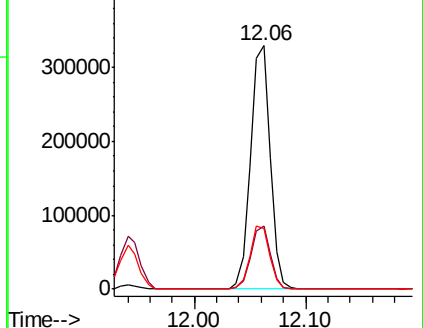
91 25.7 12.8 38.4

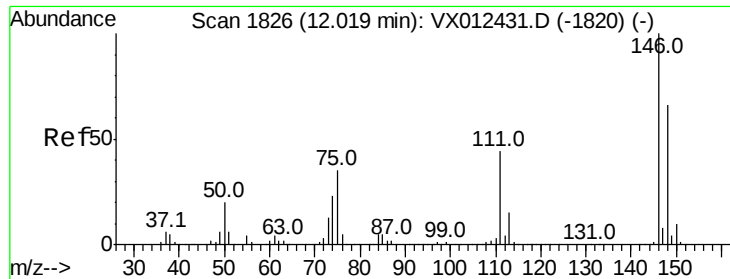


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

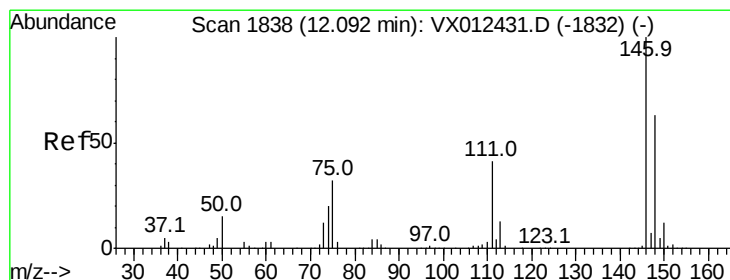
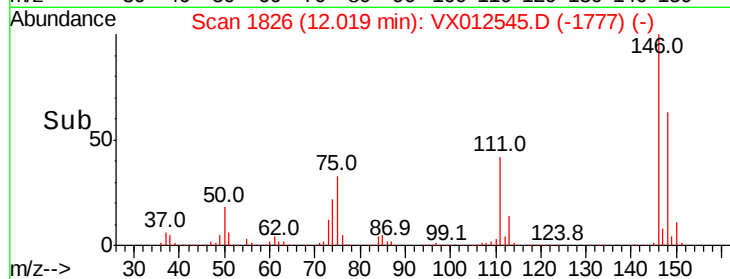
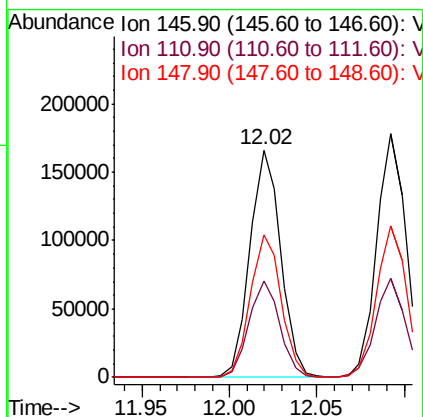
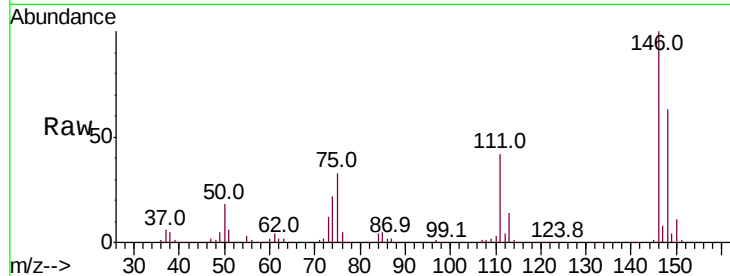




#87
 1,3-Dichlorobenzene
 Concen: 51.810 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

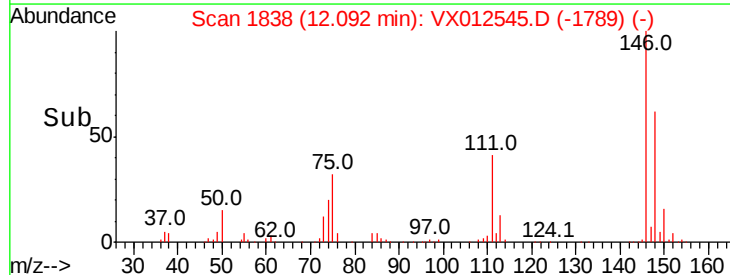
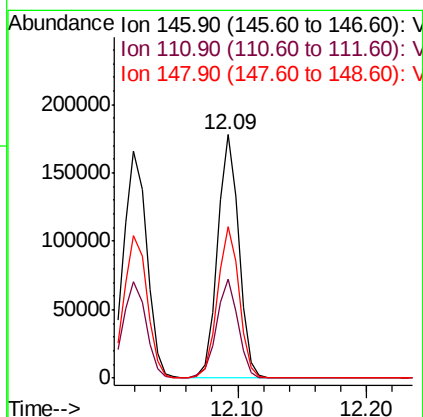
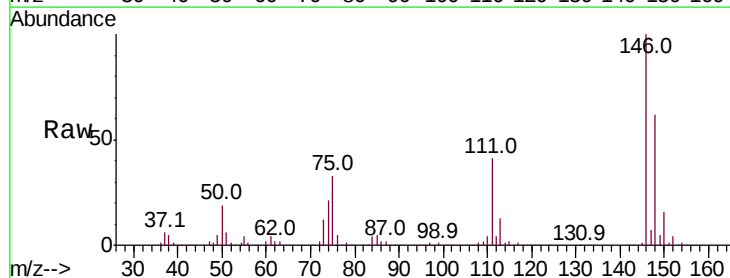
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

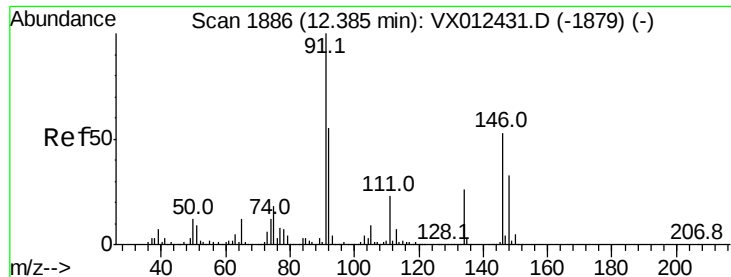
Tot Ion:146 Resp: 203608
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 64.0
 148 63.3 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 51.441 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion:146 Resp: 207657
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.3
 148 63.4 32.1 96.5

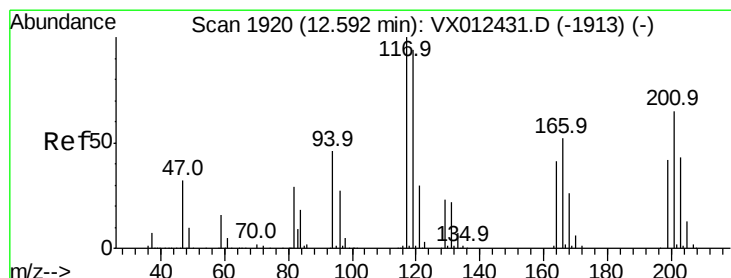
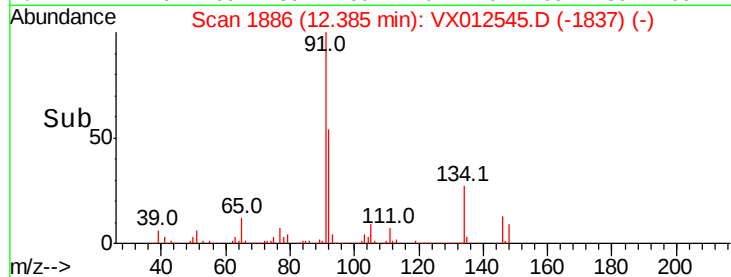
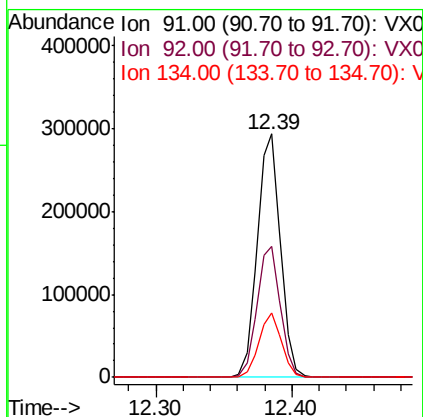
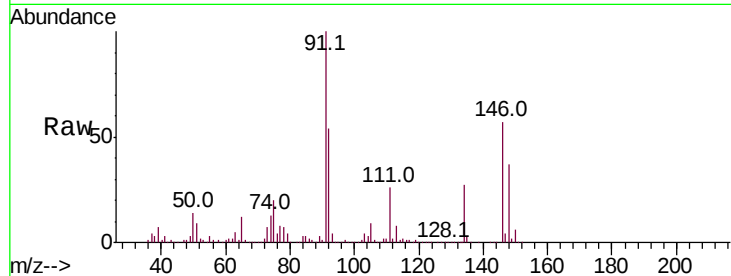




#89
n-Butylbenzene
Concen: 49.789 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

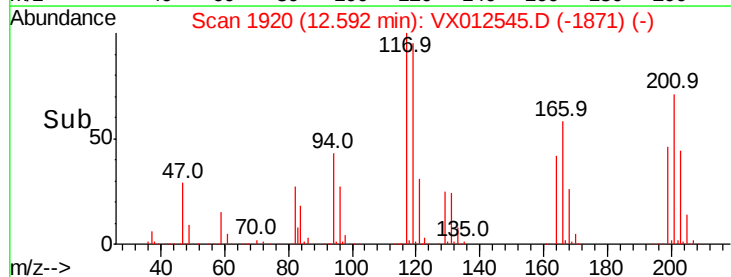
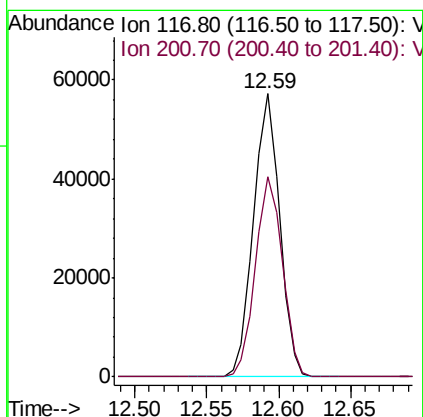
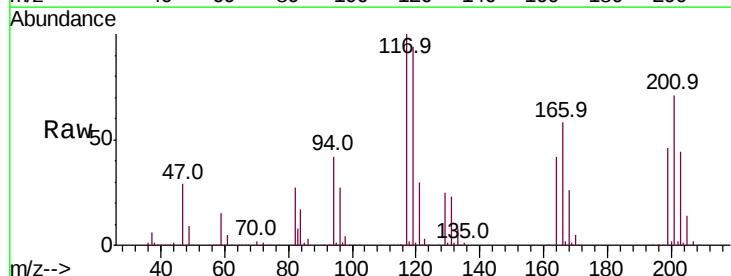
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

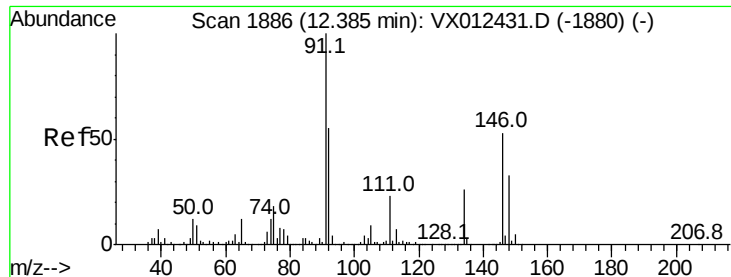
Tot Ion: 91 Resp: 351884
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 49.441 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion: 117 Resp: 71808
Ion Ratio Lower Upper
117 100
201 72.7 33.3 99.8

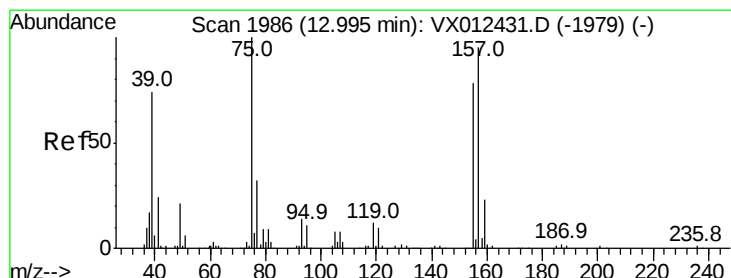
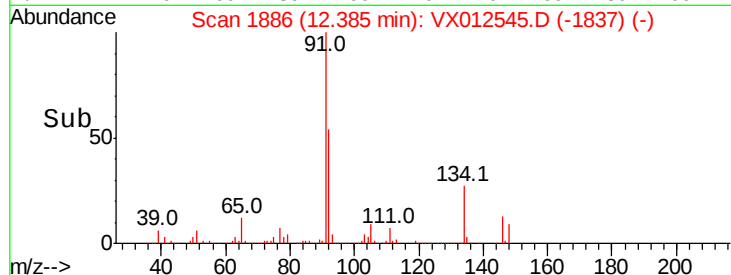
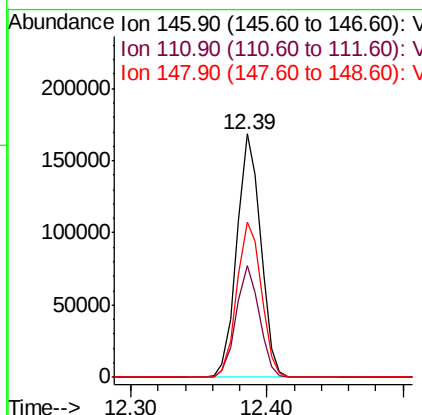
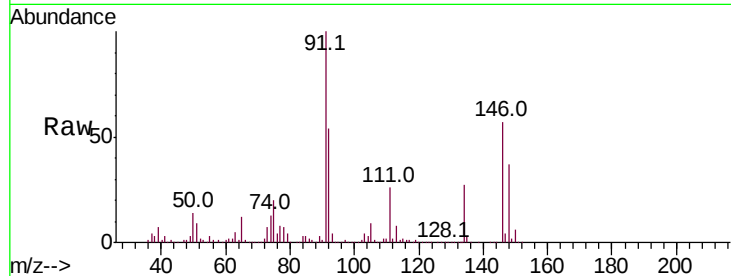




#91
 1,2-Dichlorobenzene
 Concen: 50.142 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

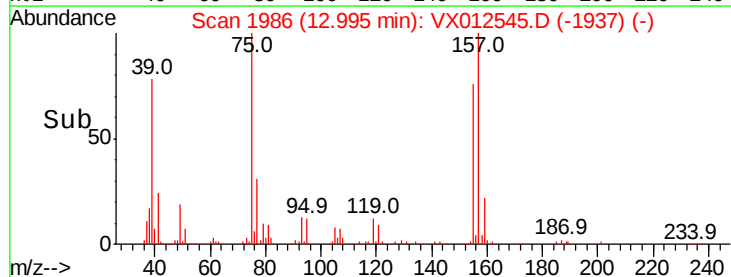
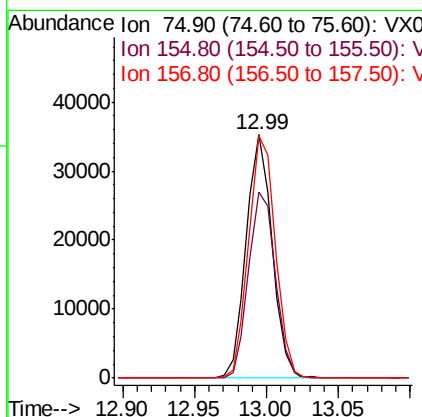
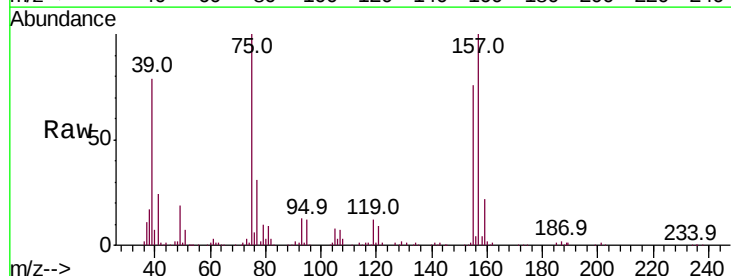
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

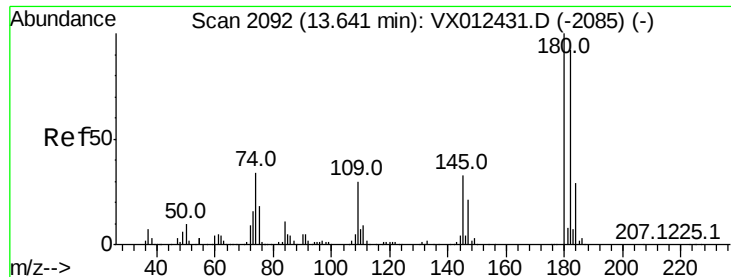
Tot Ion:146 Resp: 205955
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.1
 148 65.9 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.294 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012545.D
 Acq: 20 Sep 2019 10:16

Tgt Ion: 75 Resp: 43815
 Ion Ratio Lower Upper
 75 100
 155 79.0 38.6 115.8
 157 102.2 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 53.958 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

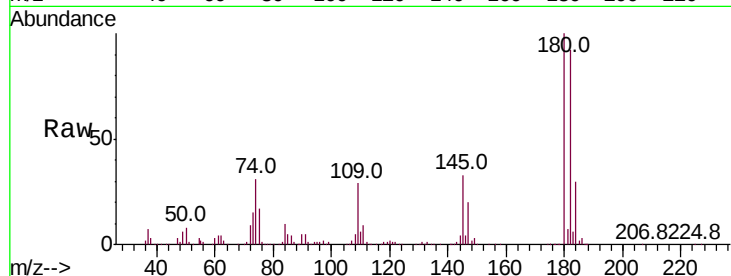
Tot Ion:180 Resp: 142755

Ion Ratio Lower Upper

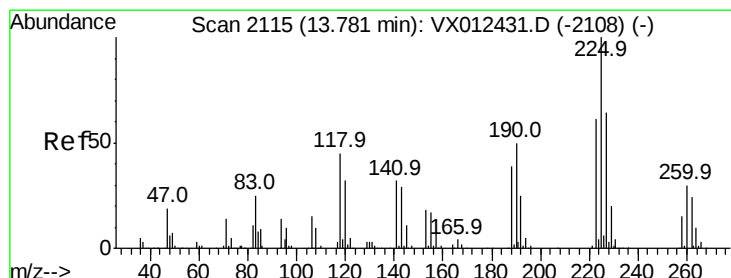
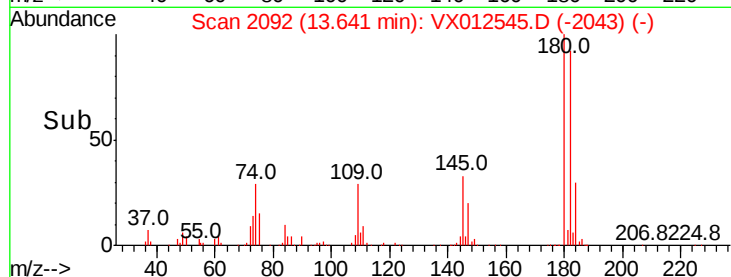
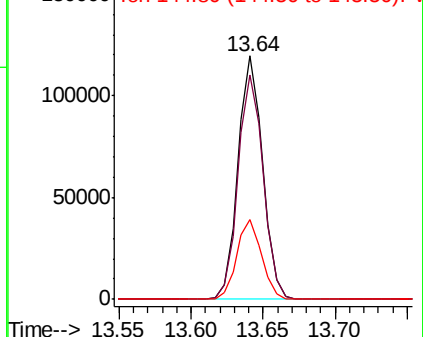
180 100

182 93.7 47.0 141.0

145 32.9 16.8 50.4



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



#94

Hexachlorobutadiene

Concen: 48.020 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012545.D

Acq: 20 Sep 2019 10:16

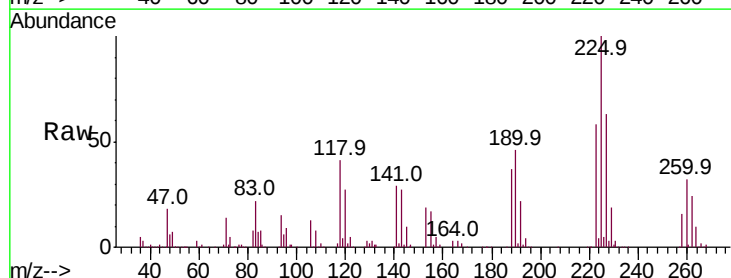
Tgt Ion:225 Resp: 59878

Ion Ratio Lower Upper

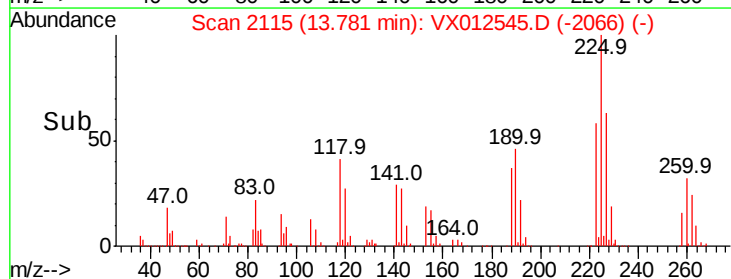
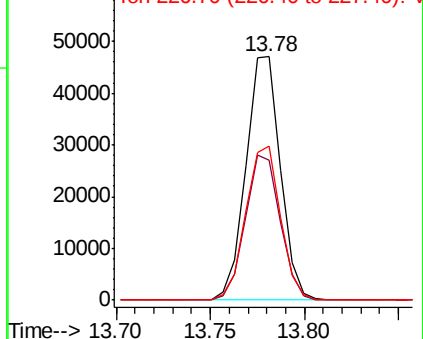
225 100

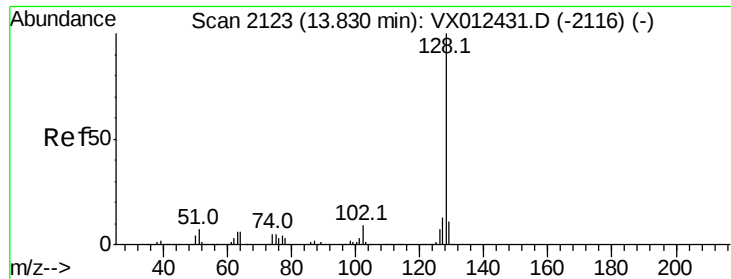
223 60.5 32.0 96.2

227 63.4 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

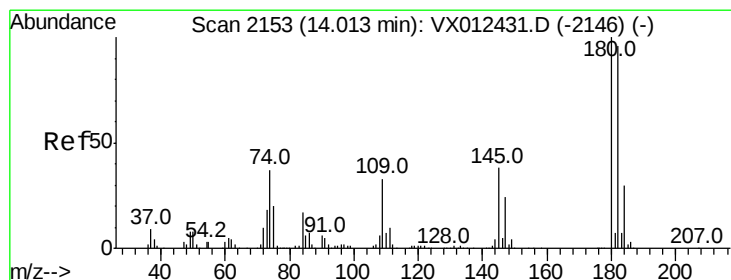
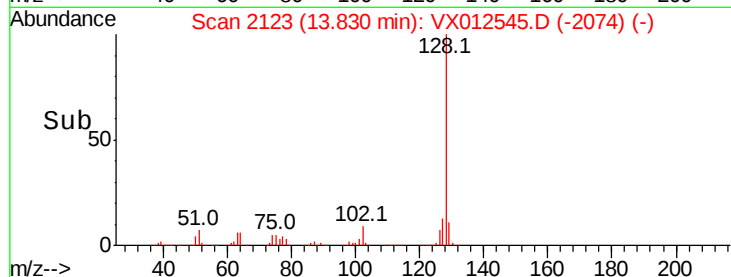
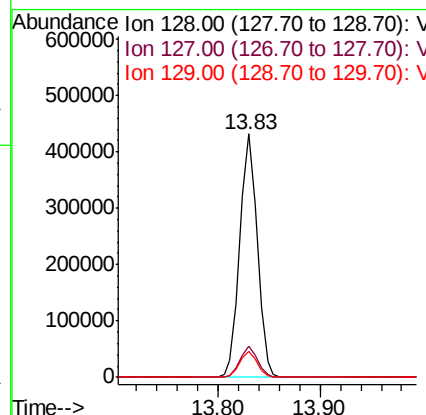
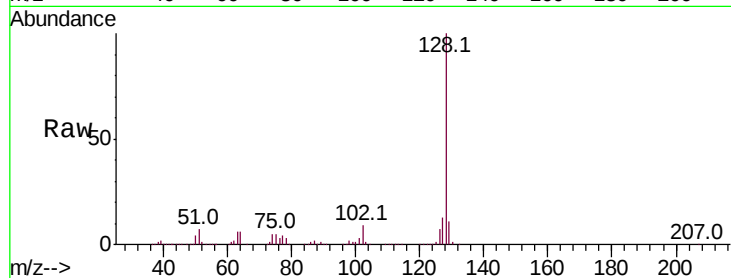




#95
Naphthalene
Concen: 54.079 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 509094
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.353 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012545.D
Acq: 20 Sep 2019 10:16

Tgt Ion:180 Resp: 143841
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.3
145 35.8 18.0 54.0

