

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013546.D
 Acq On : 22 Nov 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 22:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	603645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	949210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	432325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	334532	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
35) Dibromofluoromethane	5.49	113	272883	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	8.71	98	1050311	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	384426	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	286654	41.214	ug/l	99
3) Chloromethane	1.31	50	336954	44.674	ug/l	100
4) Vinyl Chloride	1.40	62	399682	46.546	ug/l	100
5) Bromomethane	1.63	94	262839	43.924	ug/l	98
6) Chloroethane	1.71	64	225017	45.740	ug/l	100
7) Trichlorofluoromethane	1.92	101	450104	44.368	ug/l	99
8) Diethyl Ether	2.18	74	218261	48.652	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273401	48.352	ug/l	98
10) Methyl Iodide	2.50	142	343871	49.120	ug/l	98
11) Tert butyl alcohol	3.04	59	423785	224.832	ug/l	100
12) 1,1-Dichloroethene	2.36	96	275482	49.752	ug/l	98
13) Acrolein	2.28	56	281468	275.527	ug/l	97
14) Allyl chloride	2.72	41	504930	50.188	ug/l	93
15) Acrylonitrile	3.13	53	982208	278.964	ug/l	98
16) Acetone	2.43	43	780406	218.783	ug/l	100
17) Carbon Disulfide	2.56	76	632980	42.710	ug/l	99
18) Methyl Acetate	2.76	43	627047	63.674	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1019977	55.229	ug/l	97
20) Methylene Chloride	2.84	84	327909	49.755	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	294678	48.877	ug/l	96
22) Diisopropyl ether	3.84	45	1063967	54.777	ug/l	95
23) Vinyl Acetate	3.80	43	3261093	196.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	574313	52.856	ug/l	99
25) 2-Butanone	4.66	43	1351987	258.364	ug/l	99
26) 2,2-Dichloropropane	4.58	77	392783	45.441	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	366389	54.250	ug/l	96
28) Bromochloromethane	5.00	49	171926	55.728	ug/l	99
29) Tetrahydrofuran	5.12	42	885601	274.629	ug/l	100
30) Chloroform	5.20	83	567081	52.854	ug/l	97
31) Cyclohexane	5.57	56	470223	48.094	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	472544	51.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	404685	49.697	ug/l	99
37) Ethyl Acetate	4.82	43	516361	51.318	ug/l	100
38) Carbon Tetrachloride	5.78	117	394853	49.587	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	469660	46.288	ug/l	100
40) Benzene	6.13	78	1280047	50.464	ug/l	98
41) Methacrylonitrile	5.03	41	291911	51.759	ug/l	97
42) 1,2-Dichloroethane	6.18	62	455255	49.758	ug/l	99
43) Isopropyl Acetate	6.43	43	847814	54.110	ug/l	99
44) Trichloroethene	7.20	130	360737	51.665	ug/l	97
45) 1,2-Dichloropropane	7.51	63	344348	53.280	ug/l	100
46) Dibromomethane	7.65	93	221895	50.285	ug/l	98
47) Bromodichloromethane	7.89	83	443376	53.283	ug/l	94
48) Methyl methacrylate	7.76	41	414578	53.006	ug/l	97
49) 1,4-Dioxane	7.73	88	165359	923.189	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2760858	268.570	ug/l	99
52) Toluene	8.78	92	810509	51.555	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	477980	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	526975	51.774	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	345994	53.097	ug/l	98
56) Ethyl methacrylate	9.17	69	571345	51.316	ug/l	97
57) 1,3-Dichloropropane	9.37	76	580838	52.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1172717	263.205	ug/l	100
59) 2-Hexanone	9.49	43	2119417	266.793	ug/l	98
60) Dibromochloromethane	9.58	129	360766	54.133	ug/l	99
61) 1,2-Dibromoethane	9.67	107	362210	52.346	ug/l	100
64) Tetrachloroethene	9.33	164	490821	79.881	ug/l	96
65) Chlorobenzene	10.14	112	889163	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	335471	52.579	ug/l	100
67) Ethyl Benzene	10.24	91	1551429	51.730	ug/l	99
68) m/p-Xylenes	10.35	106	1175168	103.610	ug/l	100
69) o-Xylene	10.70	106	580161	52.246	ug/l	99
70) Styrene	10.71	104	1003131	54.041	ug/l	99
71) Bromoform	10.85	173	283261	48.017	ug/l #	100
73) Isopropylbenzene	11.01	105	1543463	53.847	ug/l	99
74) N-amyl acetate	10.89	43	758148	57.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	528848	50.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	638361	72.697	ug/l	79
77) Bromobenzene	11.25	156	404521	52.938	ug/l	99
78) n-propylbenzene	11.35	91	1720678	53.889	ug/l	99
79) 2-Chlorotoluene	11.42	91	1036640	53.886	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1295296	54.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	175111	51.330	ug/l	95
82) 4-Chlorotoluene	11.51	91	1173084	52.092	ug/l	98
83) tert-Butylbenzene	11.76	119	1129414	46.992	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1310344	54.710	ug/l	100
85) sec-Butylbenzene	11.94	105	1501072	54.343	ug/l	99
86) p-Isopropyltoluene	12.06	119	1387395	54.546	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	719921	52.854	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	721012	51.955	ug/l	99
89) n-Butylbenzene	12.38	91	1192274	53.720	ug/l	100
90) Hexachloroethane	12.59	117	244434	53.937	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	733517	53.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125623	49.309	ug/l	97

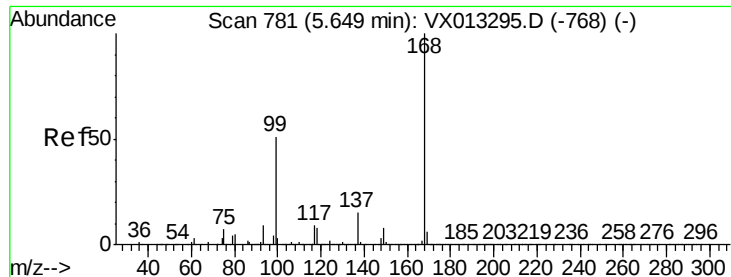
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	521332	54.892	ug/l	97
94) Hexachlorobutadiene	13.77	225	239928	51.637	ug/l	100
95) Naphthalene	13.83	128	1701601	57.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	521282	54.730	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

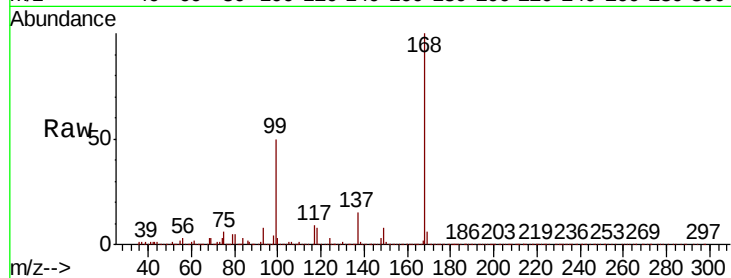
VSTDCCC050EC

Tot Ion:168 Resp: 603645

Ion Ratio Lower Upper

168 100

99 49.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

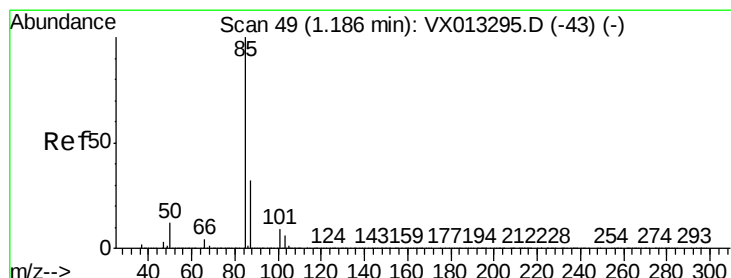
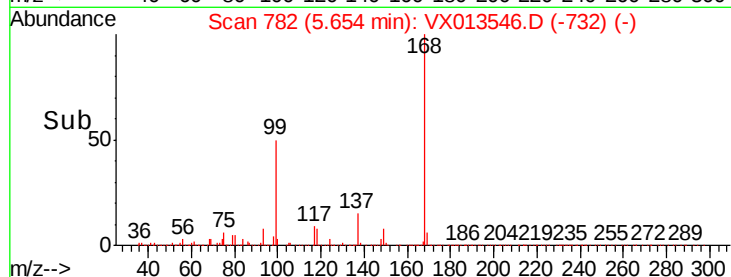
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.214 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013546.D

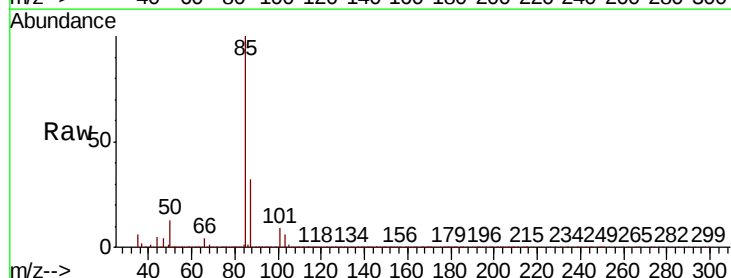
Acq: 22 Nov 2019 20:14

Tgt Ion: 85 Resp: 286654

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

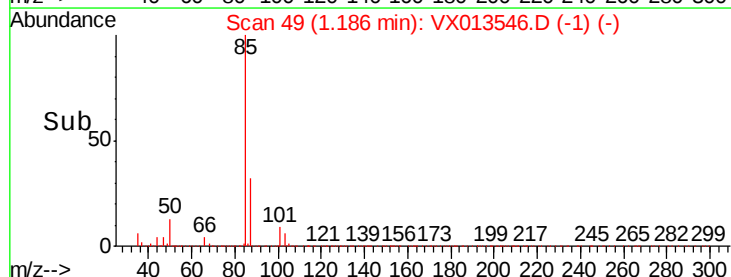
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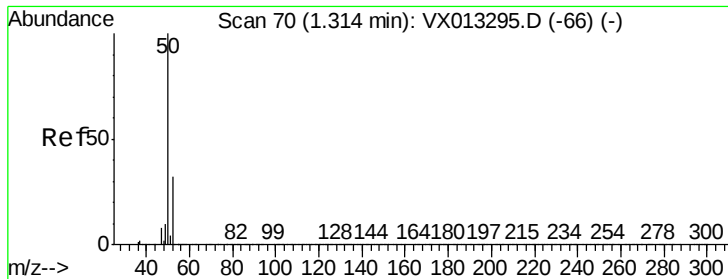
100000

50000

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Time-->





#3

Chloromethane

Concen: 44.674 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

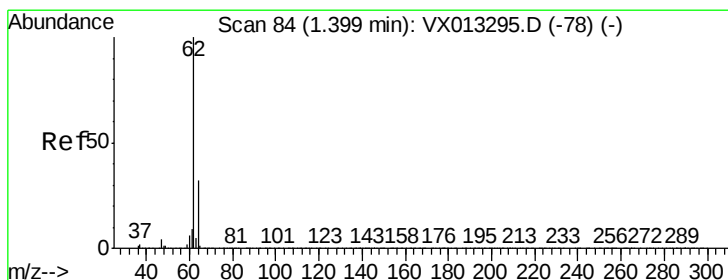
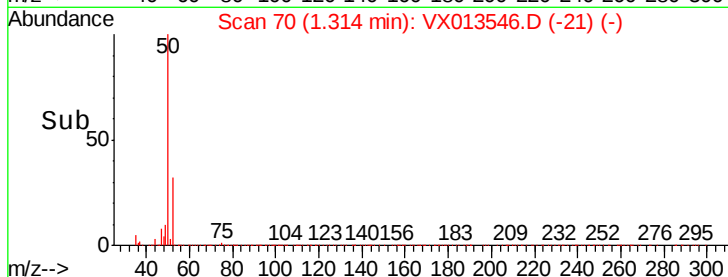
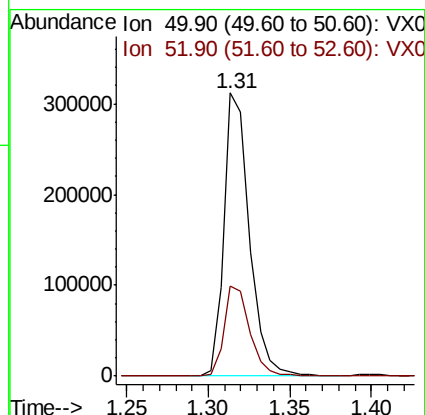
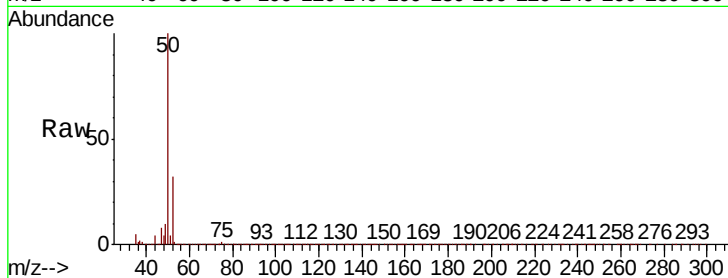
VSTDCCC050EC

Tot Ion: 50 Resp: 336954

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 46.546 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013546.D

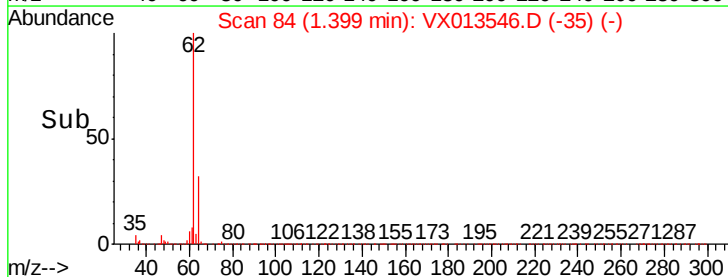
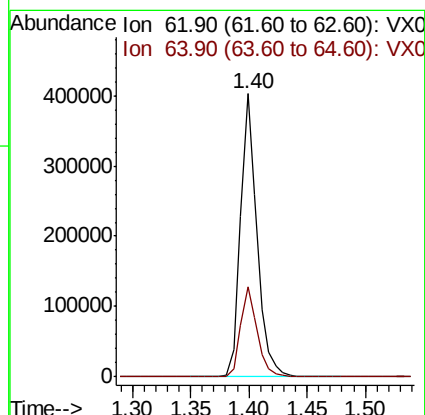
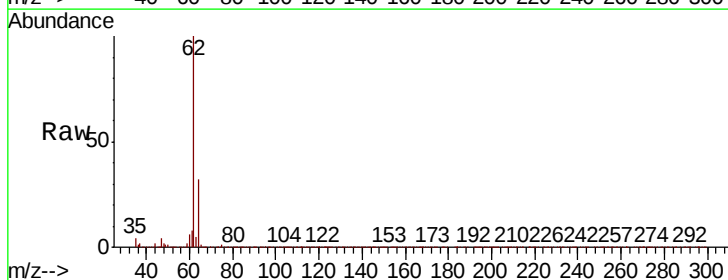
Acq: 22 Nov 2019 20:14

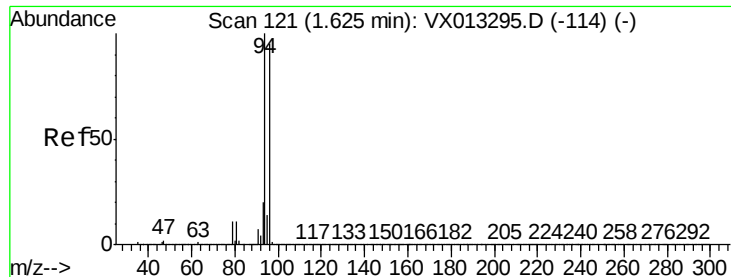
Tgt Ion: 62 Resp: 399682

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 43.924 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

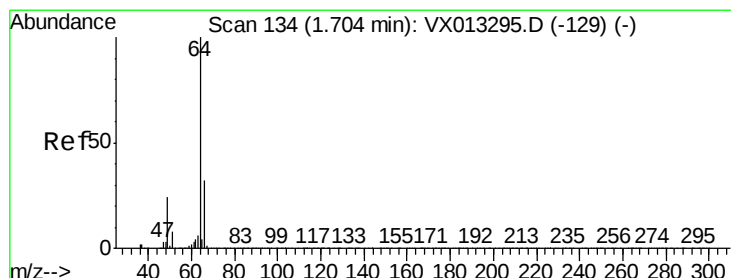
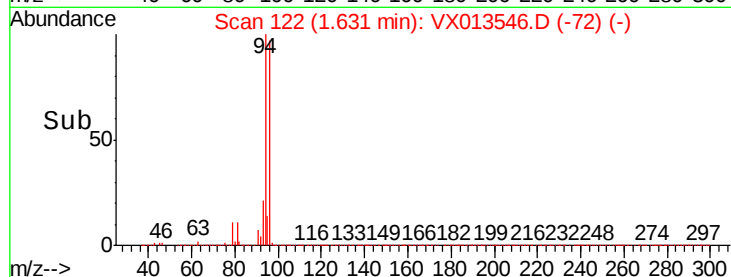
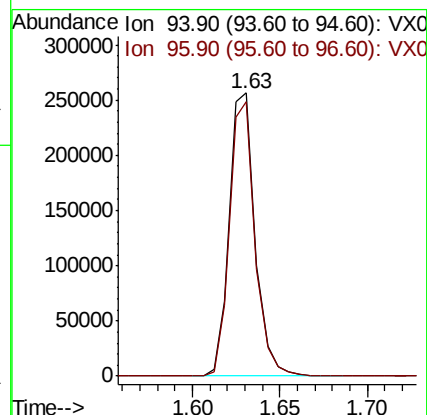
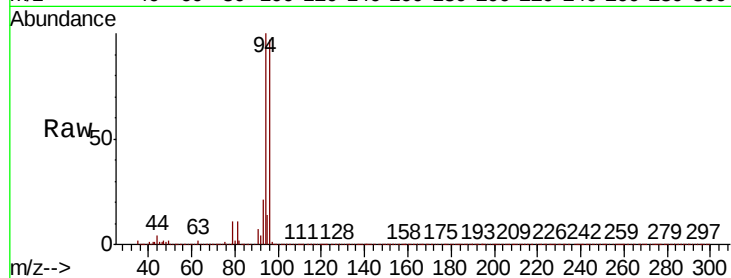
VSTDCCC050EC

Tot Ion: 94 Resp: 262839

Ion Ratio Lower Upper

94 100

96 97.1 75.8 113.8



#6

Chloroethane

Concen: 45.740 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013546.D

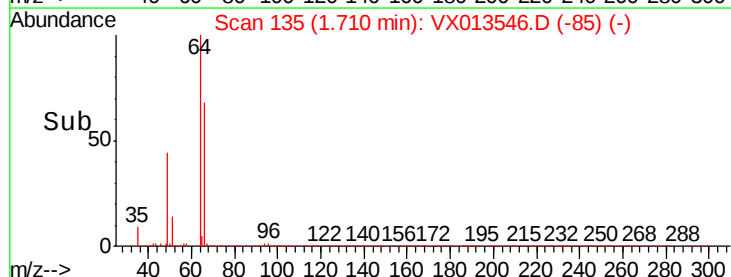
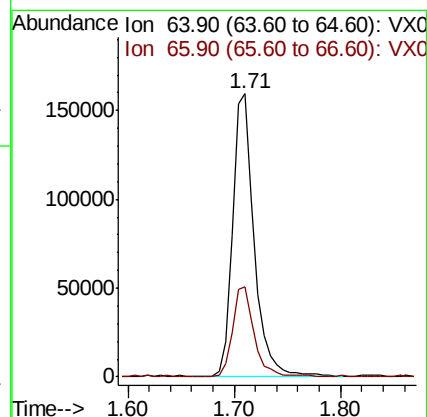
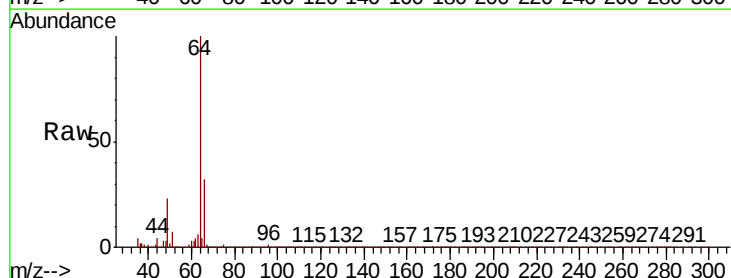
Acq: 22 Nov 2019 20:14

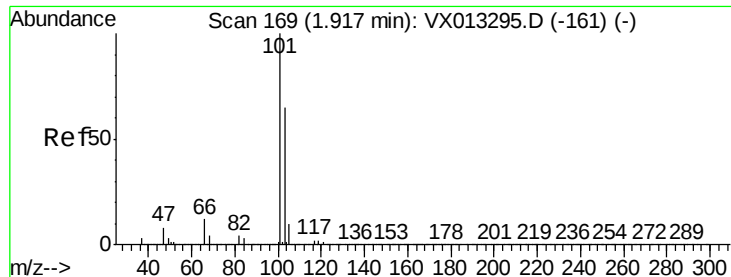
Tgt Ion: 64 Resp: 225017

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



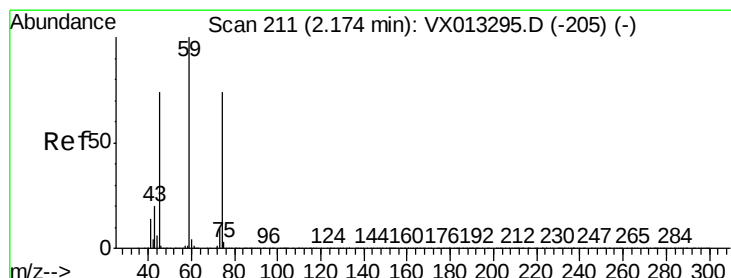
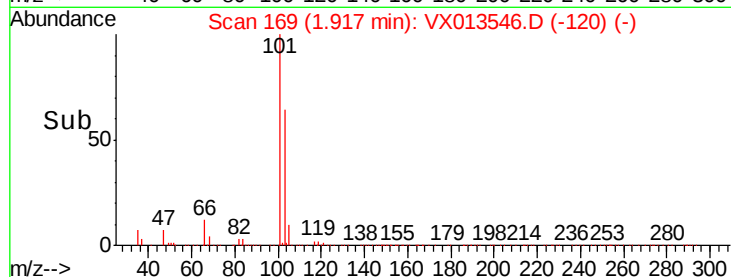
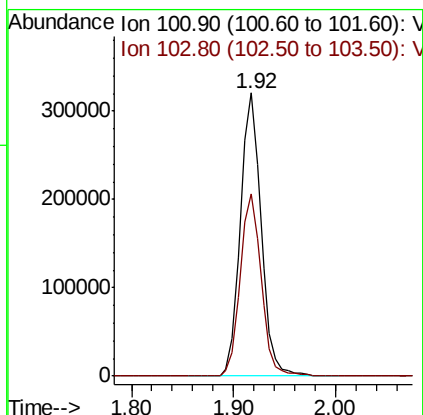
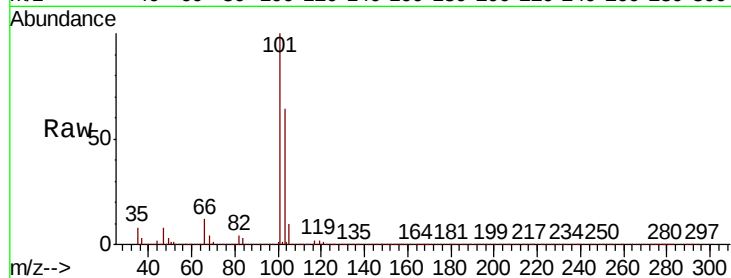


#7

Trichlorofluoromethane
Concen: 44.368 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
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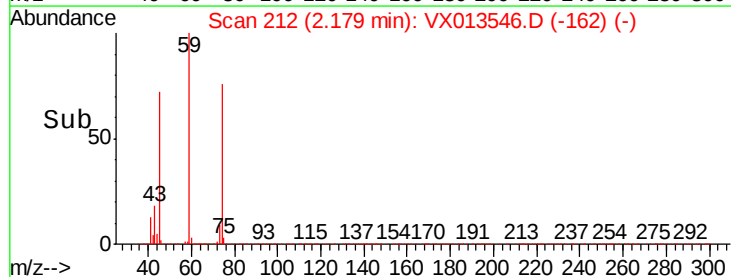
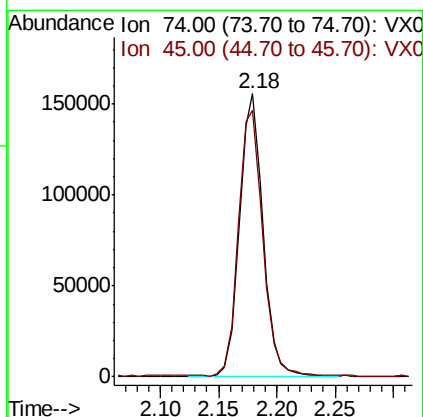
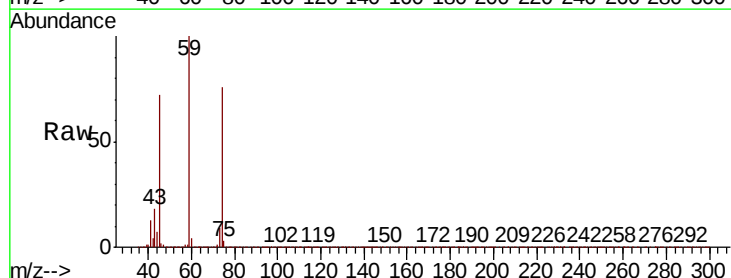
Tot Ion:101 Resp: 450104
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

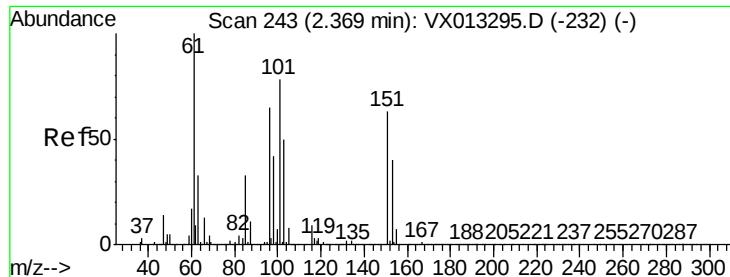


#8

Diethyl Ether
Concen: 48.652 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 74 Resp: 218261
Ion Ratio Lower Upper
74 100
45 98.7 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.352 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

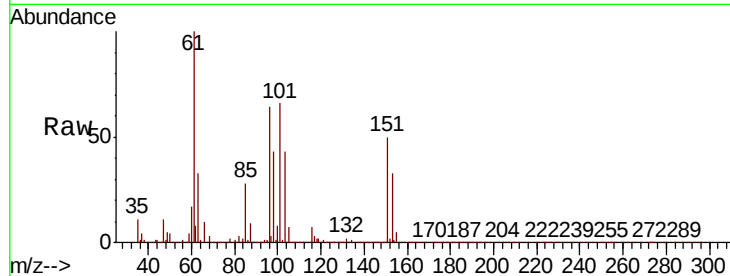
Tot Ion:101 Resp: 273401

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

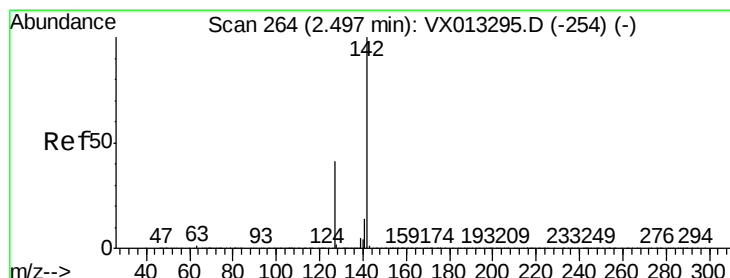
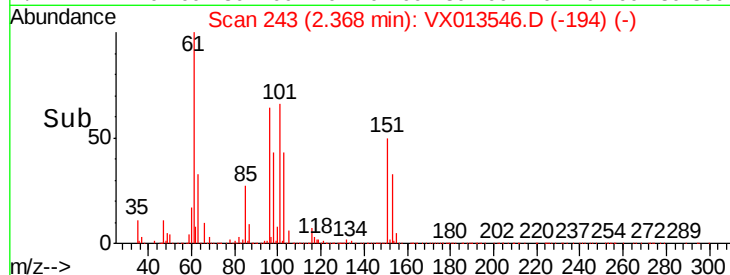
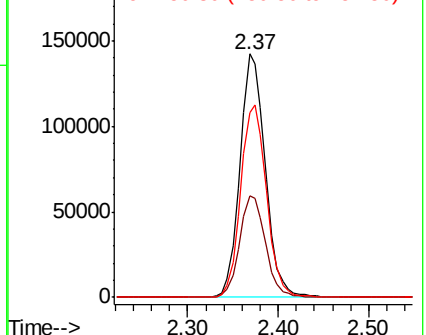
151 81.2 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.120 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

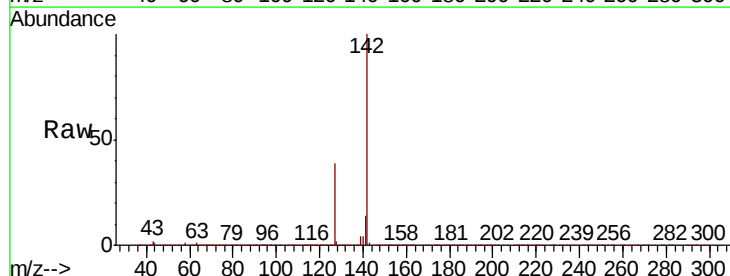
Tgt Ion:142 Resp: 343871

Ion Ratio Lower Upper

142 100

127 39.0 32.6 49.0

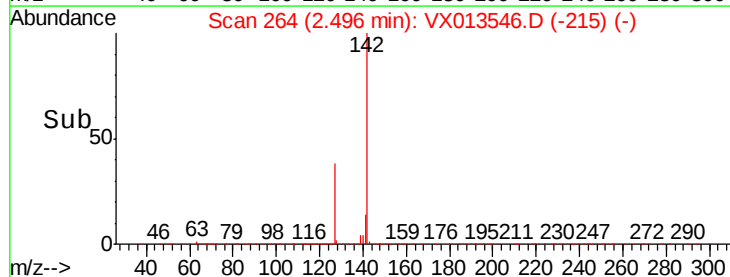
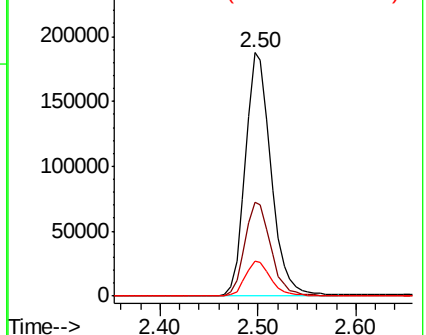
141 14.2 11.6 17.4

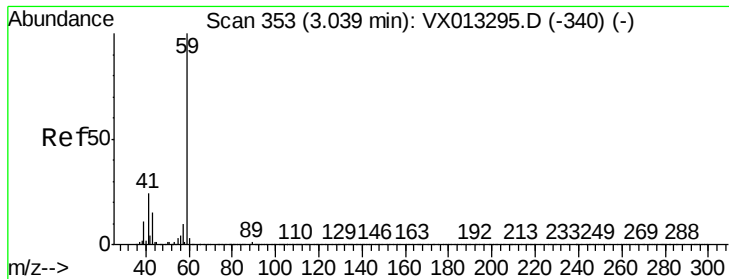


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

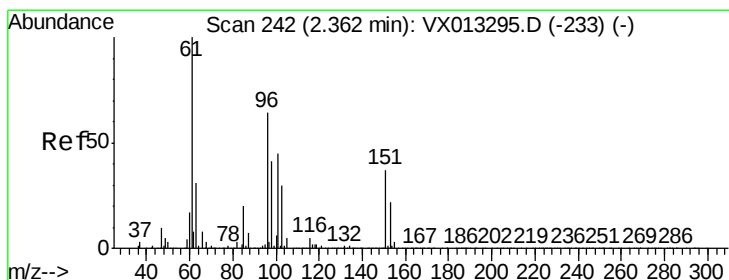
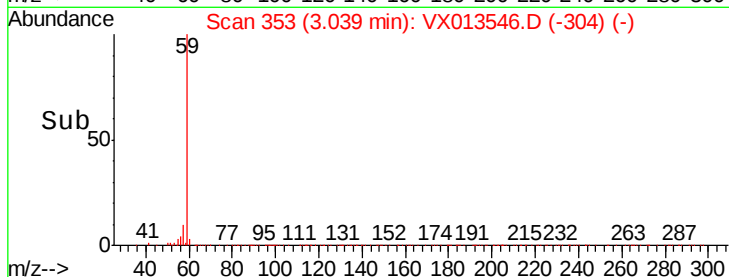
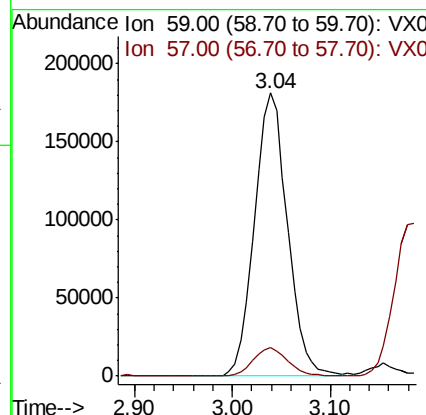
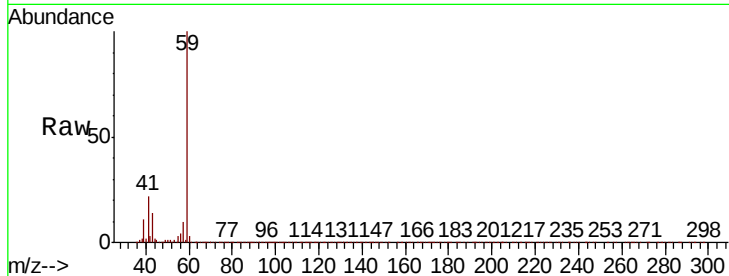




#11
Tert butyl alcohol
Concen: 224.832 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

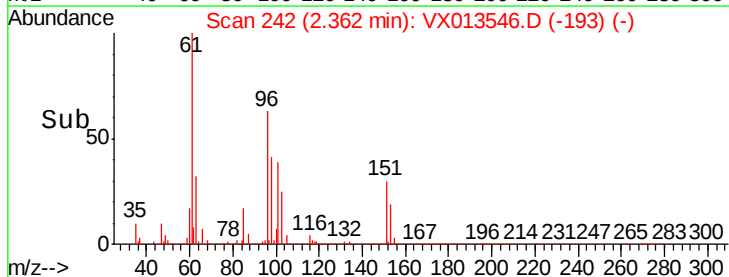
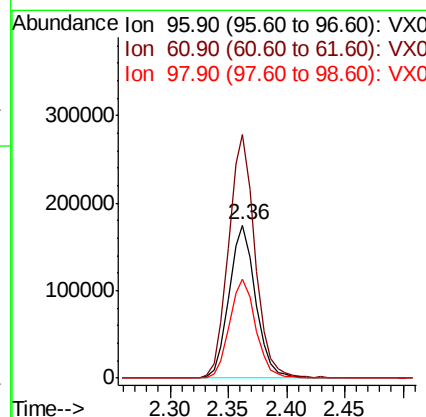
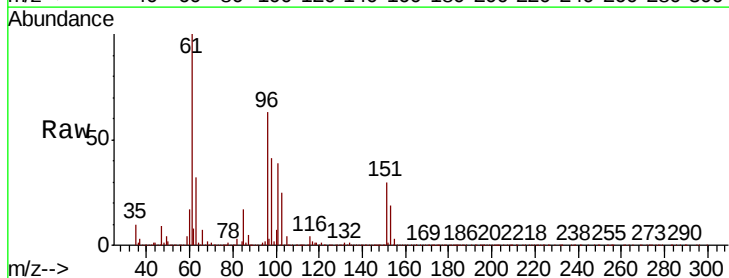
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

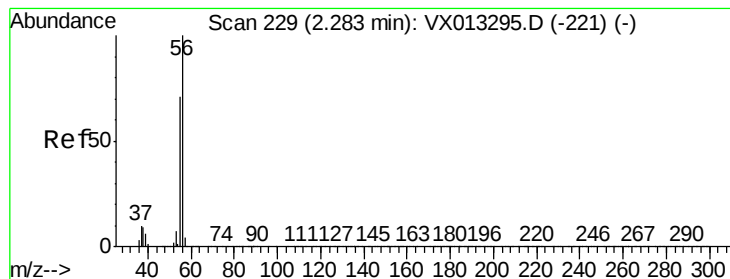
Tot Ion: 59 Resp: 423785
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.752 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 96 Resp: 275482
Ion Ratio Lower Upper
96 100
61 159.4 125.0 187.6
98 64.6 50.7 76.1





#13

Acrolein

Concen: 275.527 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

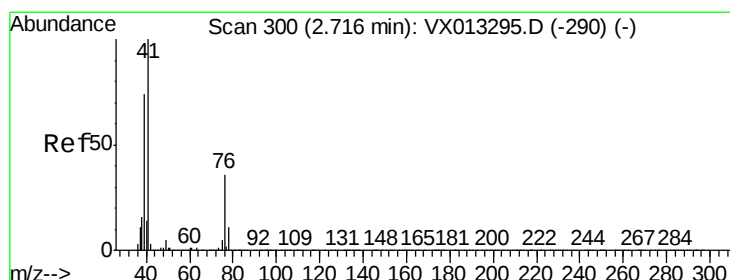
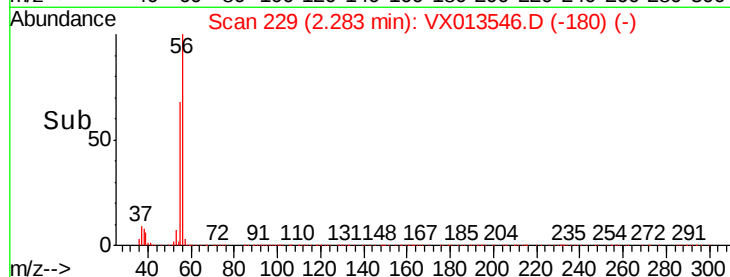
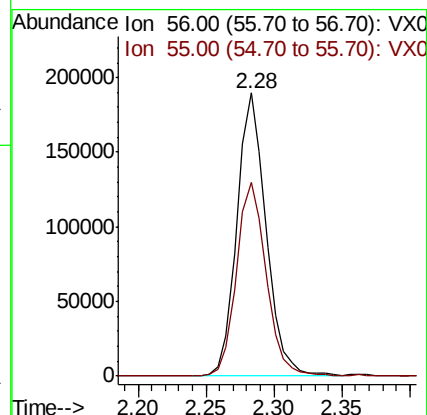
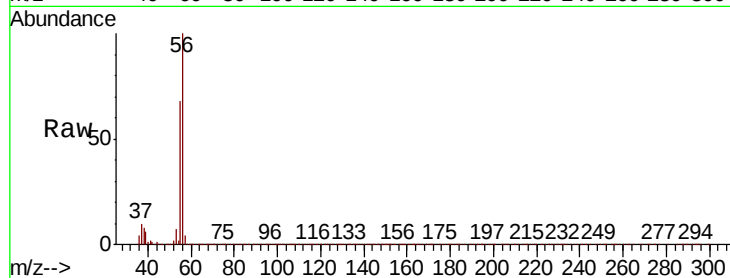
VSTDCCC050EC

Tot Ion: 56 Resp: 281468

Ion Ratio Lower Upper

56 100

55 69.6 57.4 86.0



#14

Allyl chloride

Concen: 50.188 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

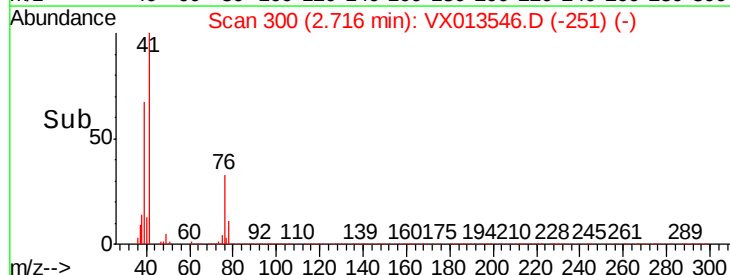
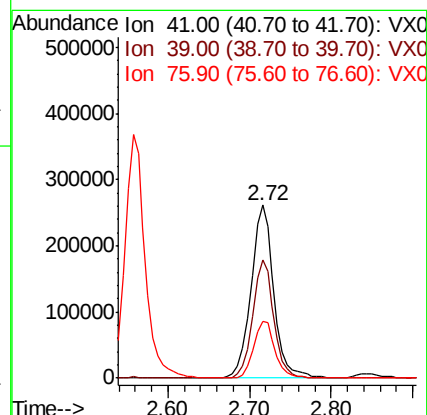
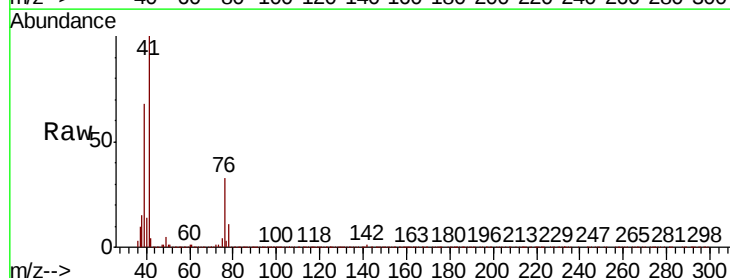
Tgt Ion: 41 Resp: 504930

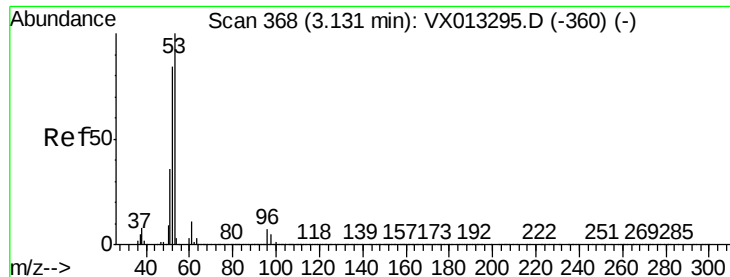
Ion Ratio Lower Upper

41 100

39 63.4 55.8 83.8

76 30.7 26.4 39.6





#15

Acrylonitrile

Concen: 278.964 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

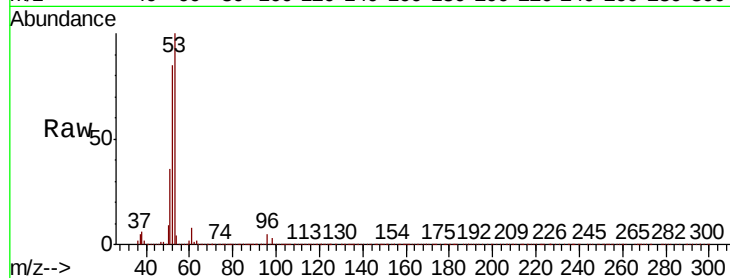
Tot Ion: 53 Resp: 982208

Ion Ratio Lower Upper

53 100

52 82.5 67.4 101.0

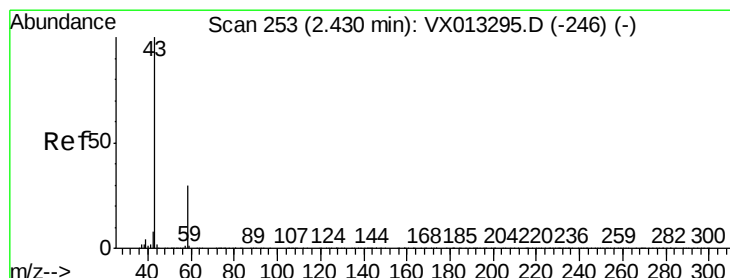
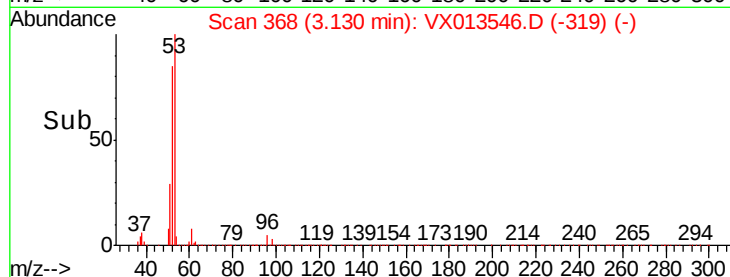
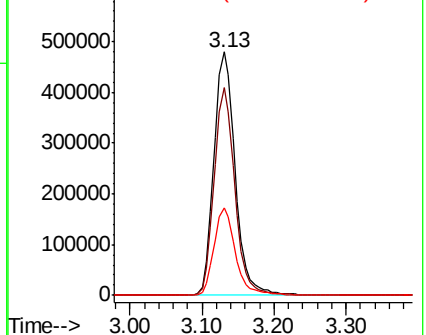
51 35.9 29.4 44.2



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: 218.783 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013546.D

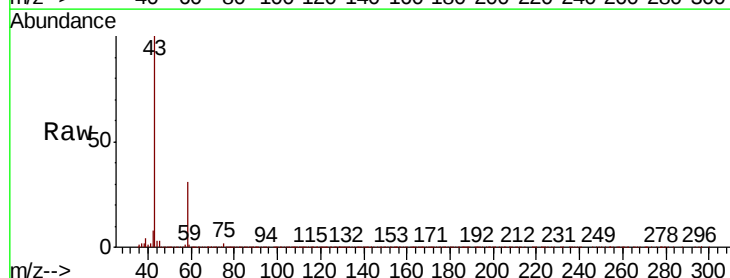
Acq: 22 Nov 2019 20:14

Tgt Ion: 43 Resp: 780406

Ion Ratio Lower Upper

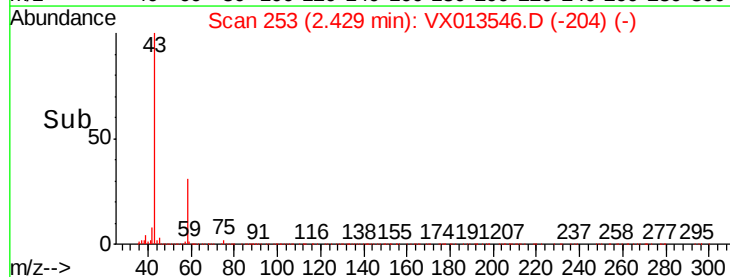
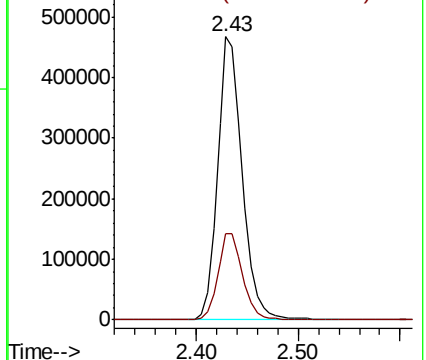
43 100

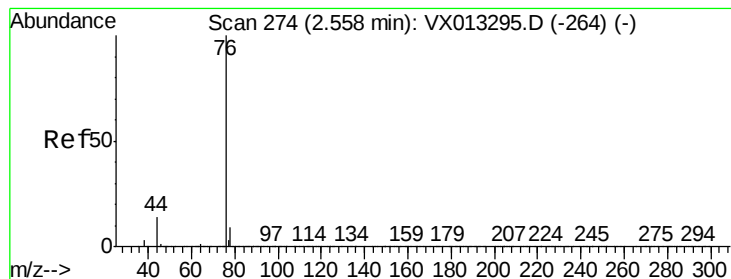
58 30.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.710 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

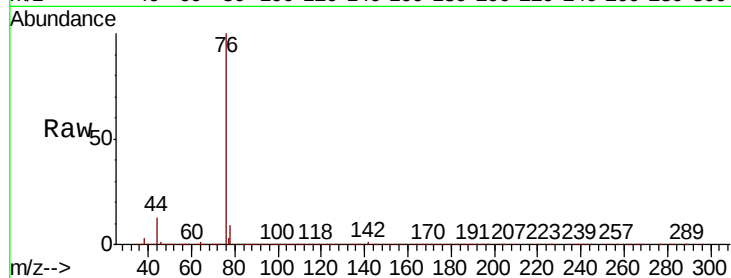
VSTDCCC050EC

Tot Ion: 76 Resp: 632980

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

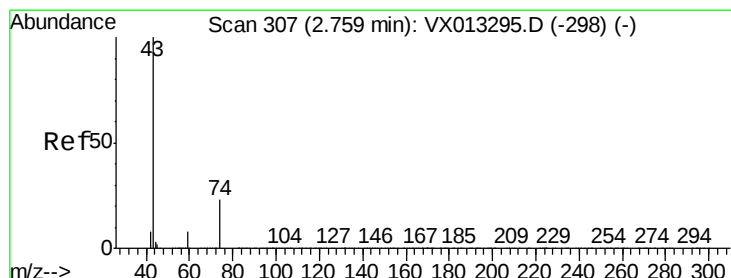
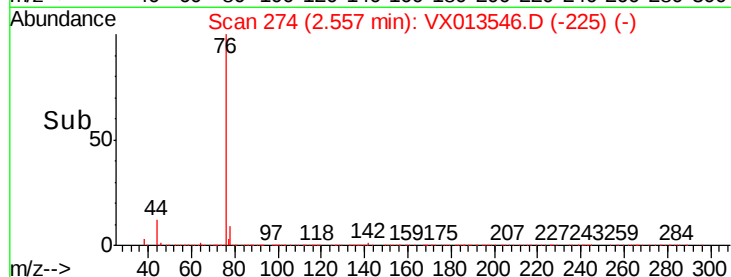
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 63.674 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013546.D

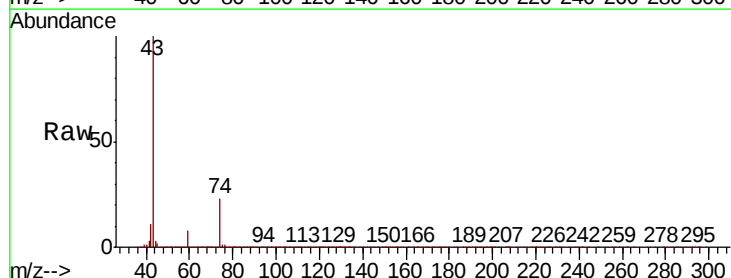
Acq: 22 Nov 2019 20:14

Tgt Ion: 43 Resp: 627047

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

400000

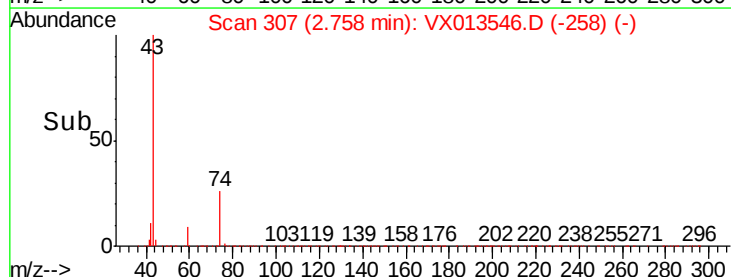
300000

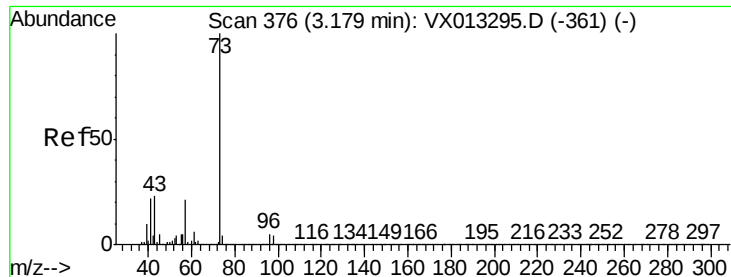
200000

100000

0

Time-->

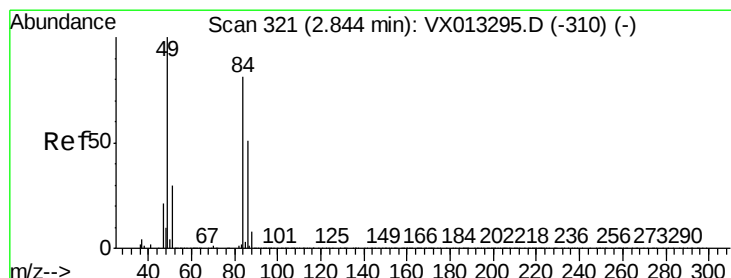
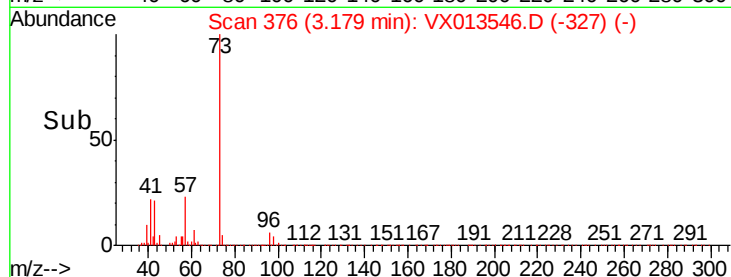
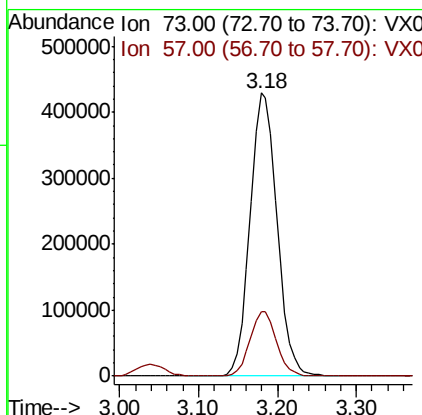
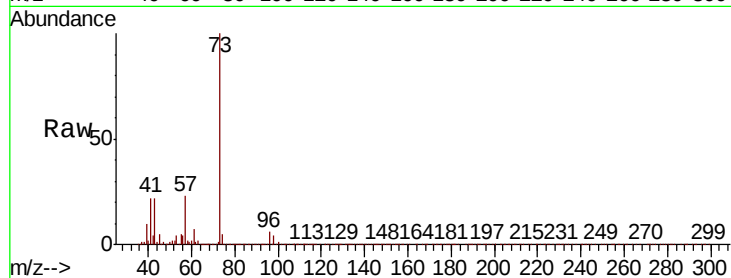




#19
Methvl tert-butvl Ether
Concen: 55.229 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

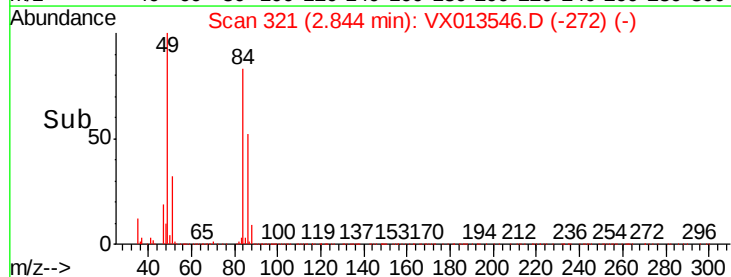
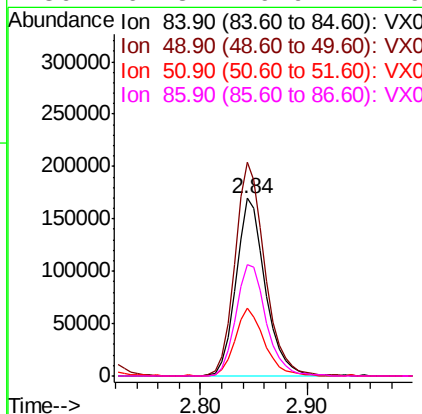
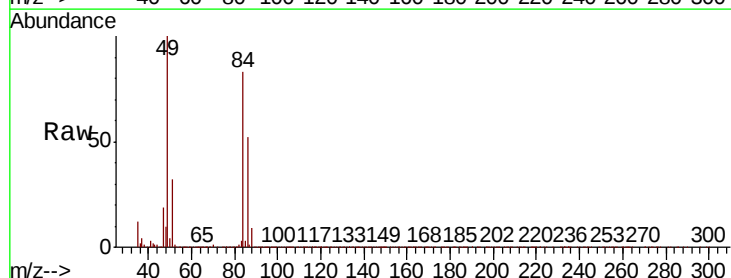
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

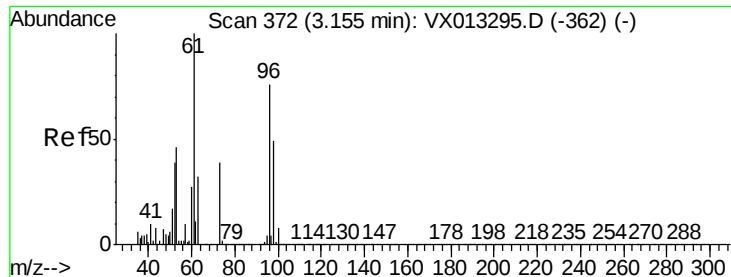
Tot Ion: 73 Resp: 1019977
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 49.755 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 84 Resp: 327909
Ion Ratio Lower Upper
84 100
49 119.9 98.2 147.4
51 38.1 29.9 44.9
86 62.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.877 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

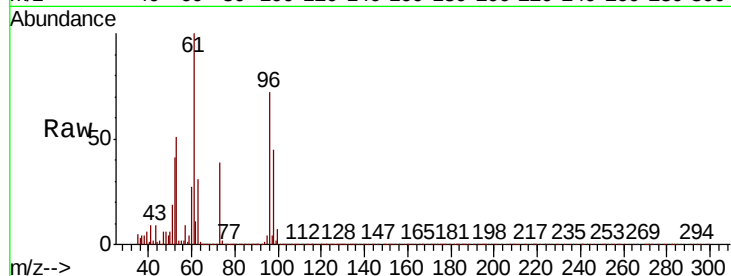
Tot Ion: 96 Resp: 294678

Ion Ratio Lower Upper

96 100

61 138.1 105.8 158.6

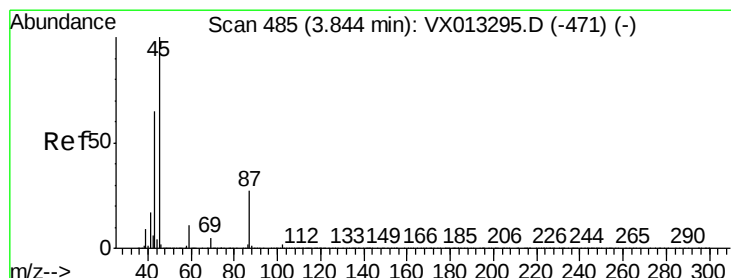
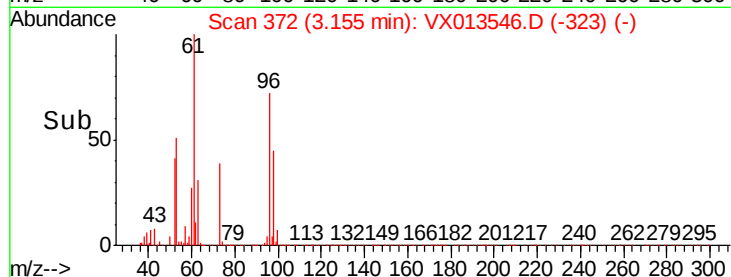
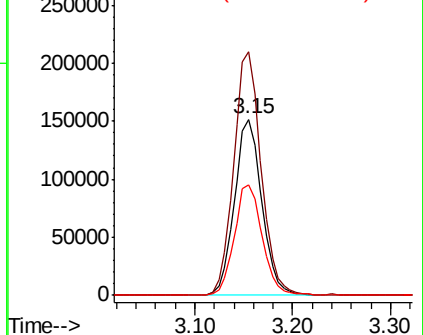
98 62.4 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.777 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion: 45 Resp: 1063967

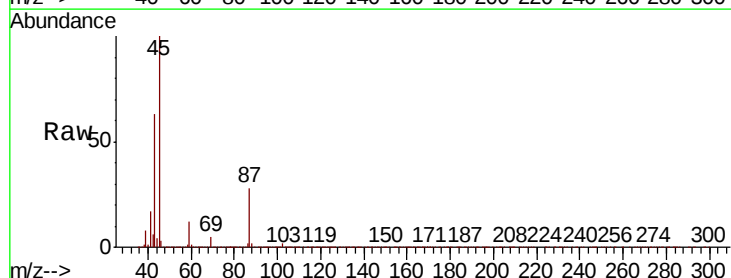
Ion Ratio Lower Upper

45 100

43 62.6 54.2 81.2

87 28.0 21.8 32.8

59 11.6 8.5 12.7

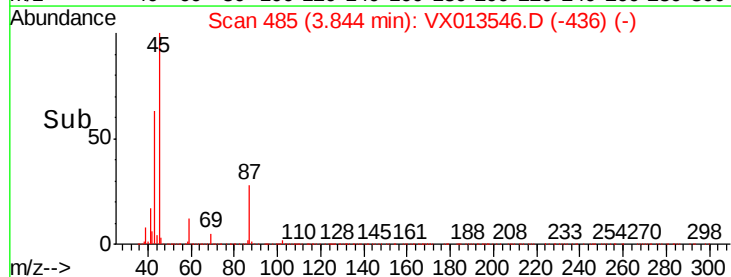
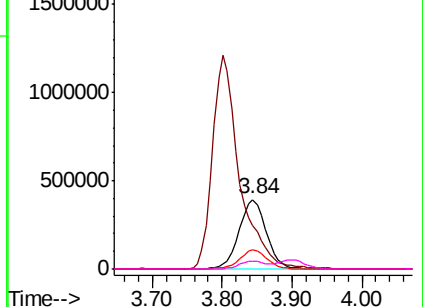


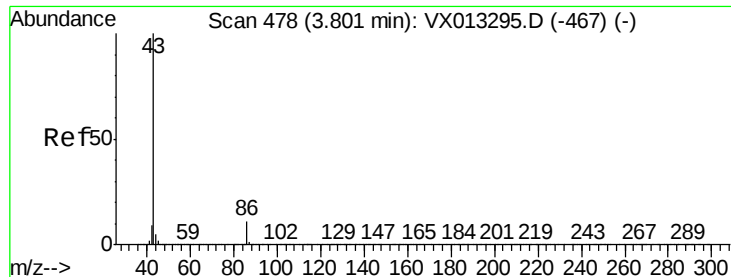
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 196.208 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

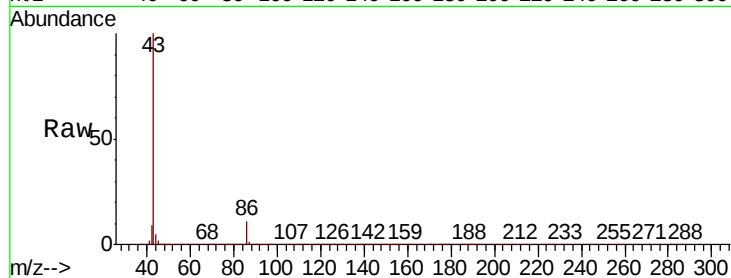
VSTDCCC050EC

Tot Ion: 43 Resp: 3261093

Ion Ratio Lower Upper

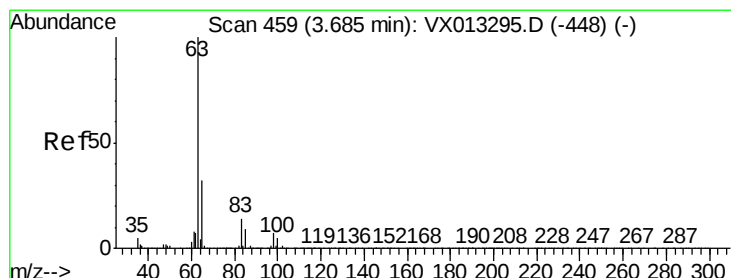
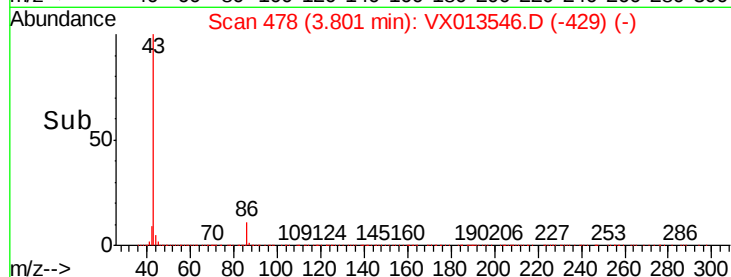
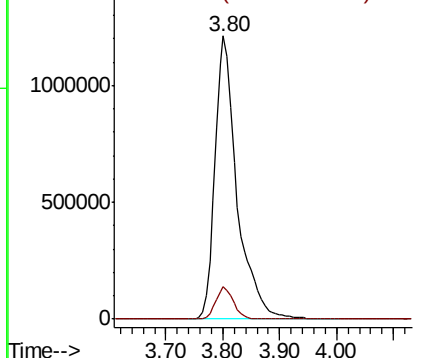
43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.856 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

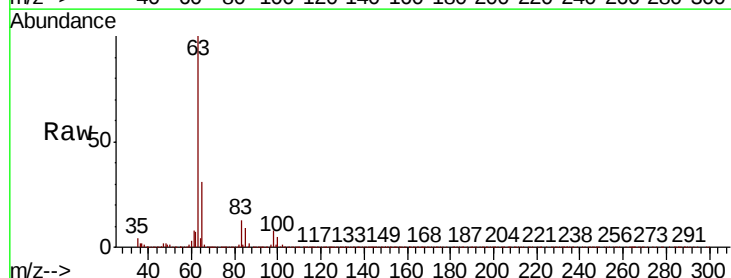
Tgt Ion: 63 Resp: 574313

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

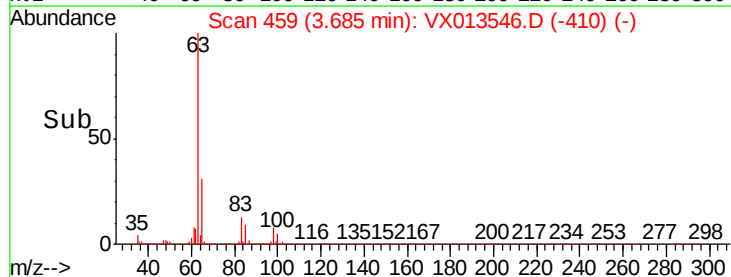
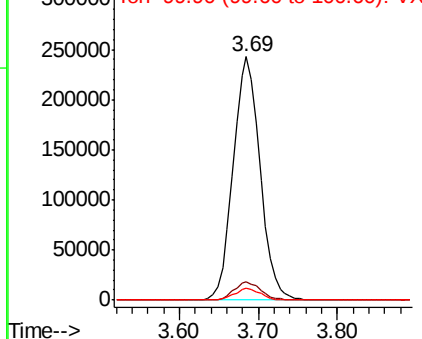
100 4.9 2.4 7.2

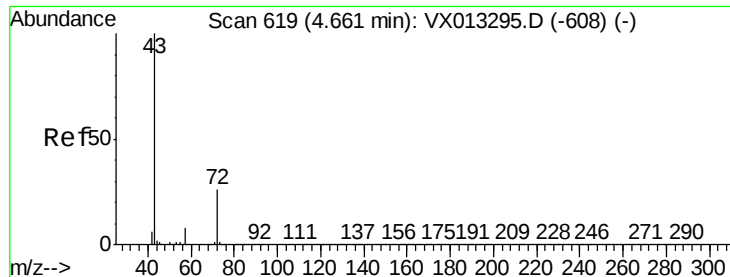


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.364 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

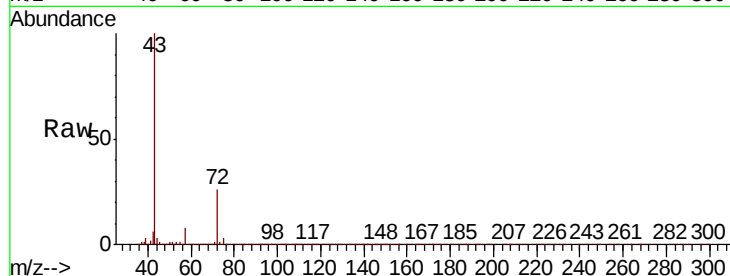
VSTDCCC050EC

Tot Ion: 43 Resp: 1351987

Ion Ratio Lower Upper

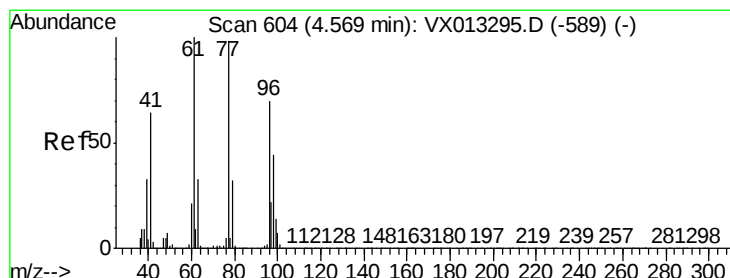
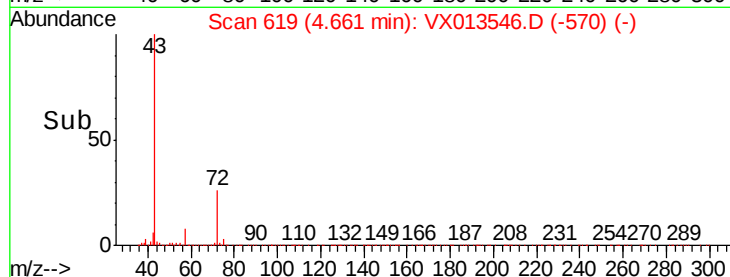
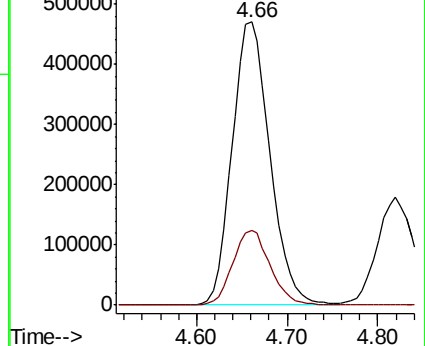
43 100

72 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.441 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013546.D

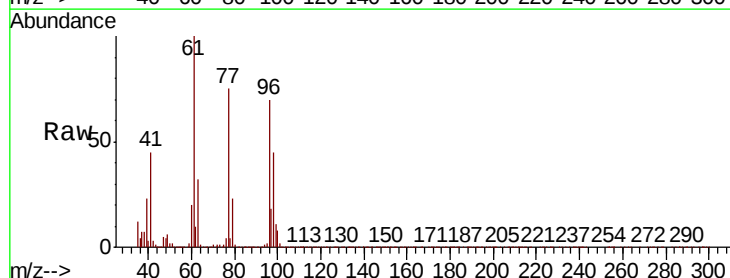
Acq: 22 Nov 2019 20:14

Tgt Ion: 77 Resp: 392783

Ion Ratio Lower Upper

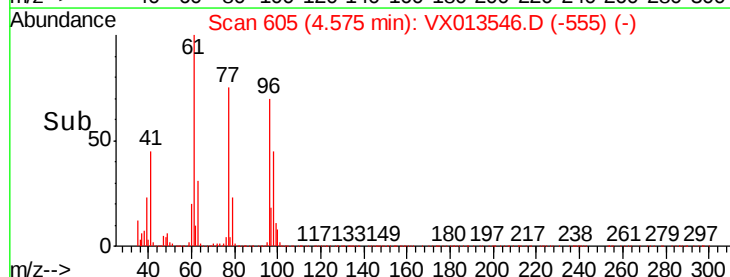
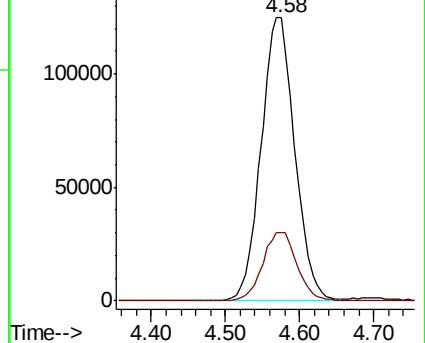
77 100

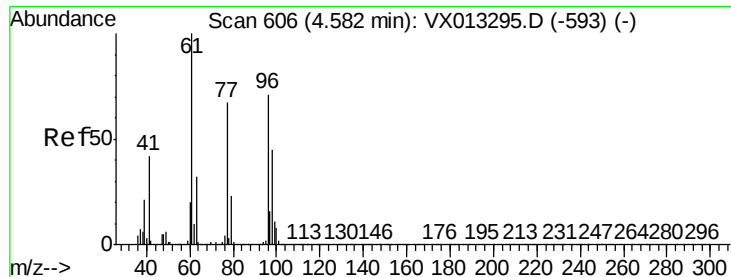
97 24.8 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



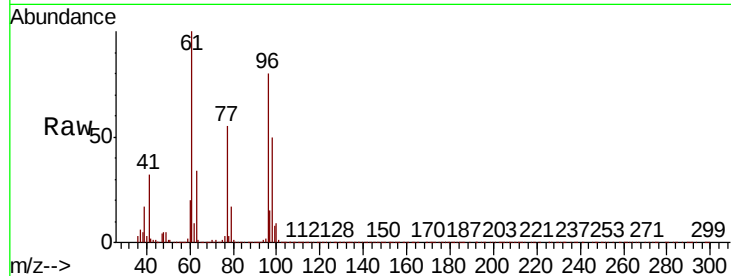


#27

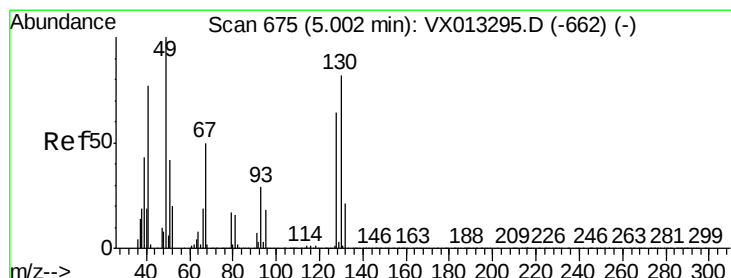
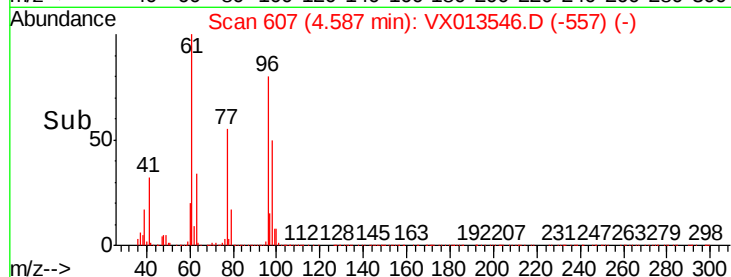
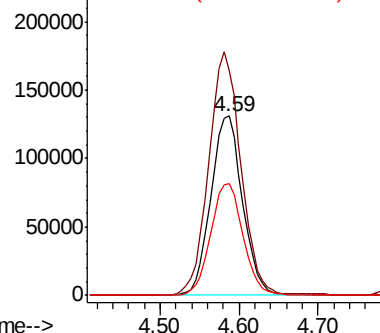
cis-1,2-Dichloroethene
Concen: 54.250 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	288.0
98	63.4	0.0	129.6



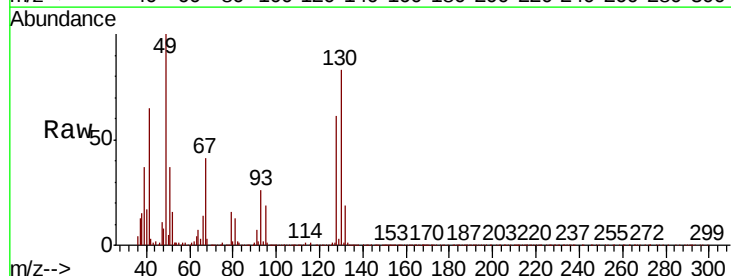
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



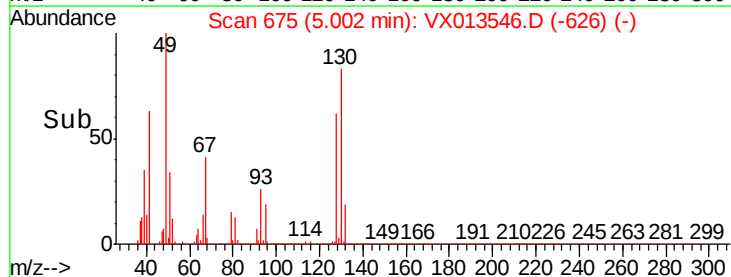
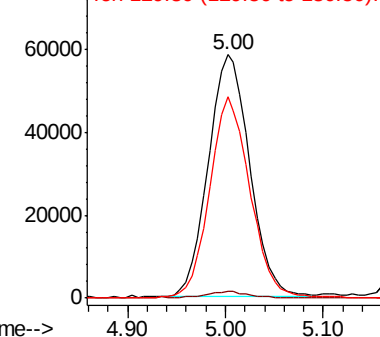
#28

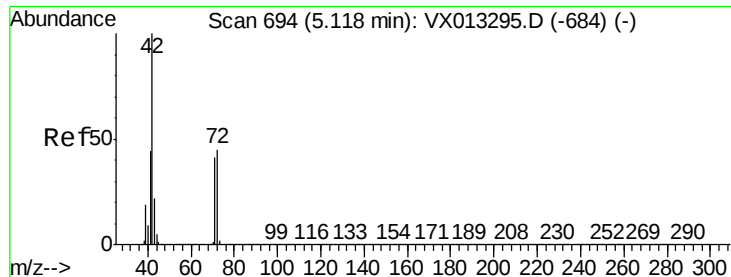
Bromochloromethane
Concen: 55.728 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	81.0	63.8	95.6



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

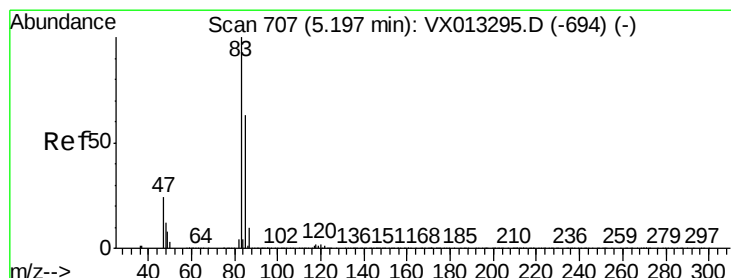
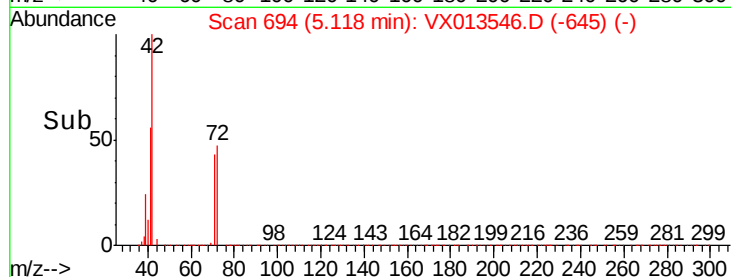
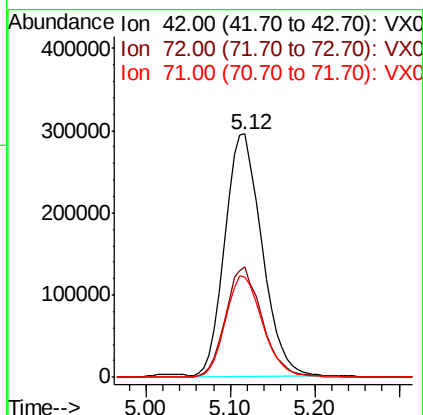
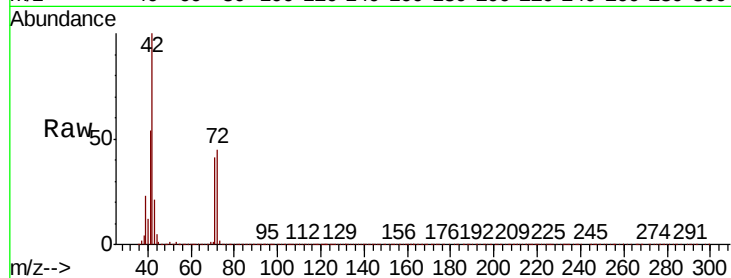




#29
Tetrahydrofuran
Concen: 274.629 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

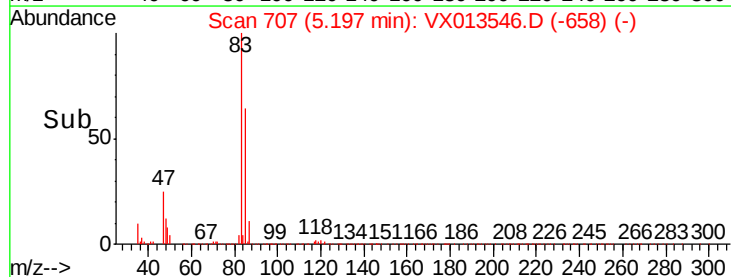
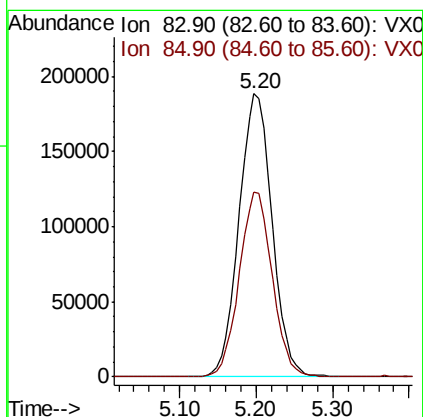
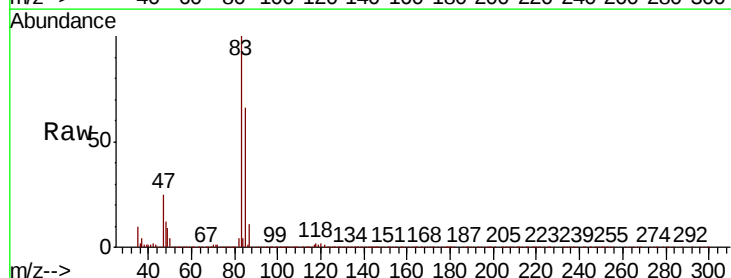
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

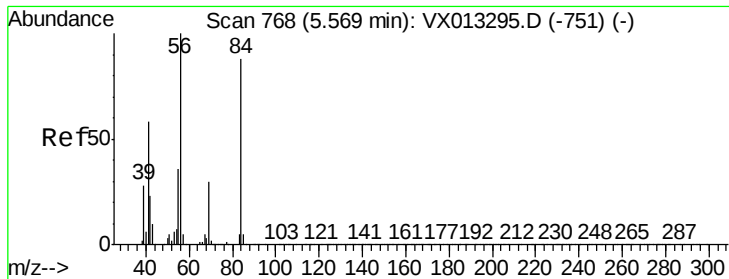
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	42.0	33.4	50.0



#30
Chloroform
Concen: 52.854 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4

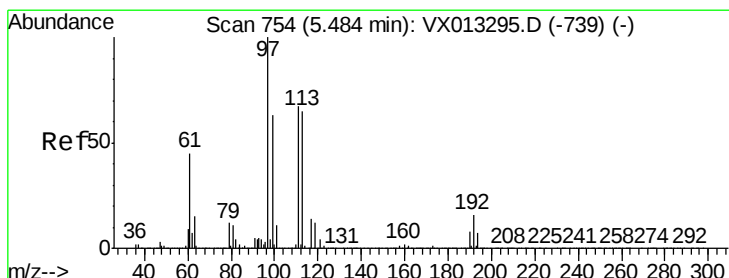
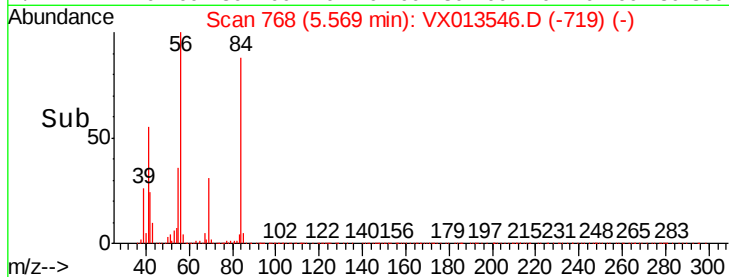
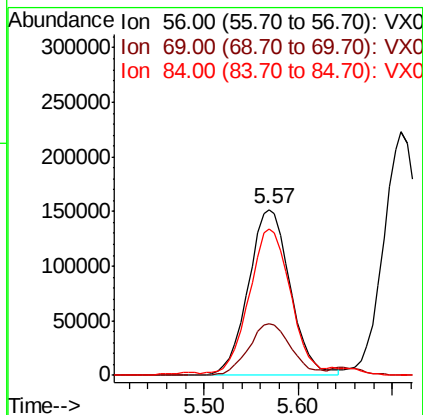
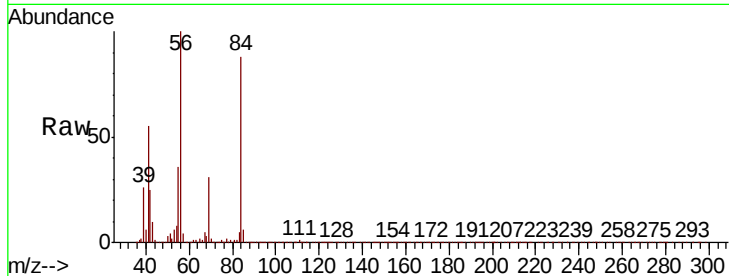




#31
Cyclohexane
Concen: 48.094 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

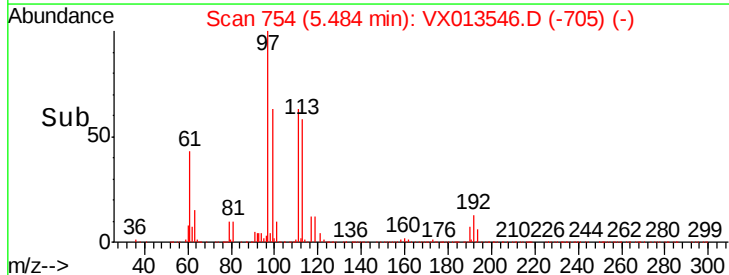
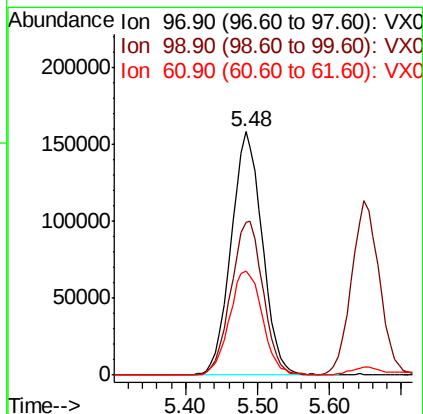
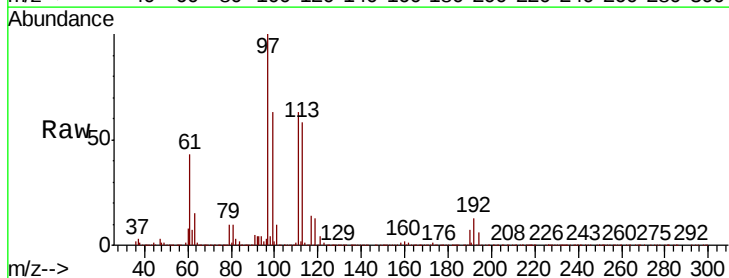
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

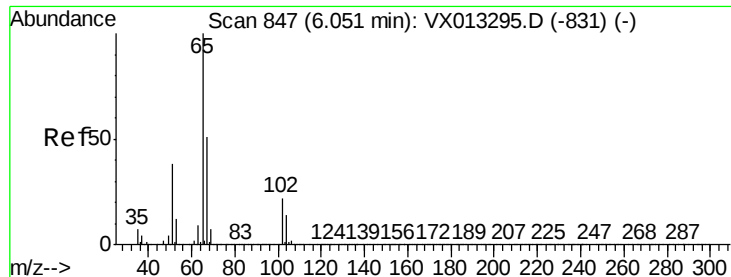
Tot Ion: 56 Resp: 470223
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 86.3 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 51.177 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 97 Resp: 472544
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 45.2 36.5 54.7

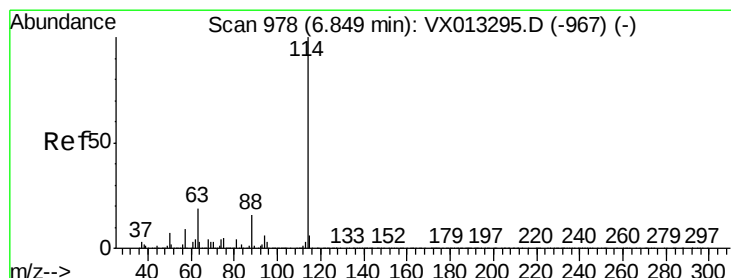
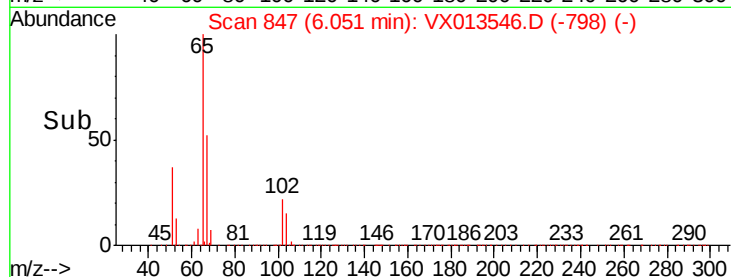
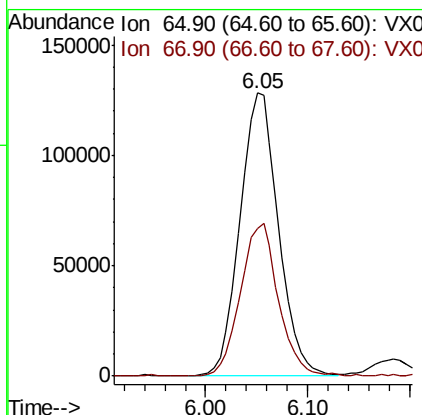
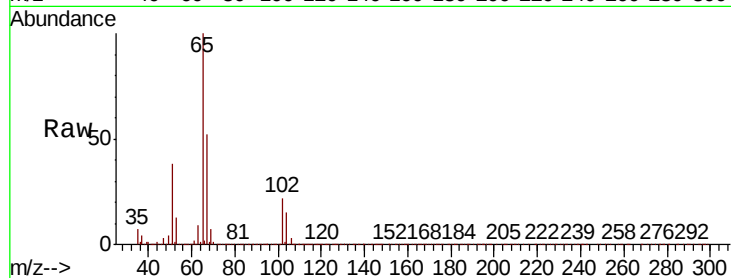




#33
 1,2-Dichloroethane-d4
 Concen: 46.779 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

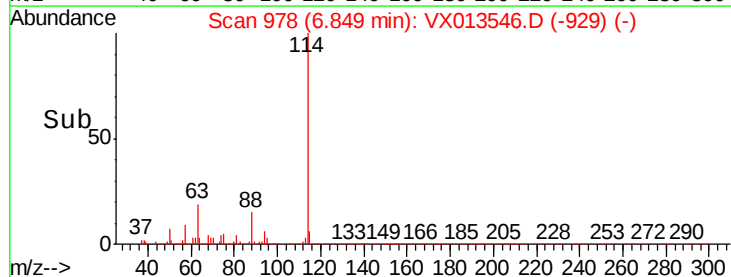
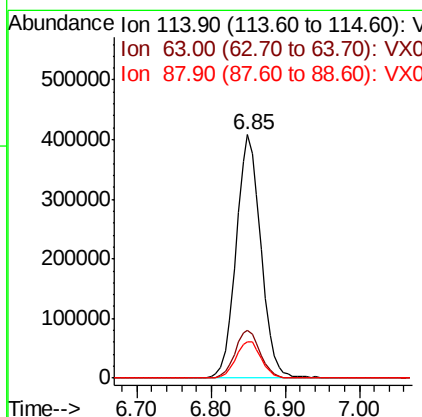
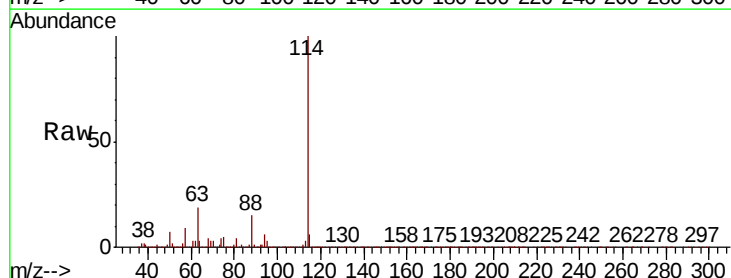
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

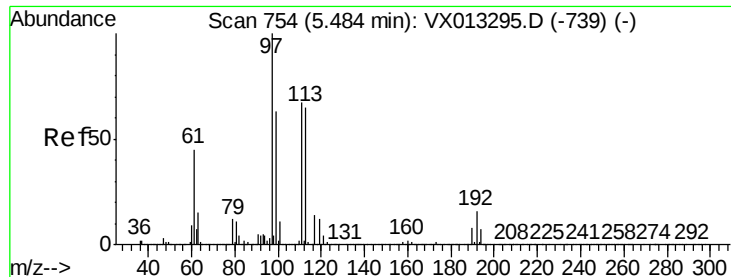
Tot Ion: 65 Resp: 334532
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion: 114 Resp: 949210
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.0 0.0 32.2

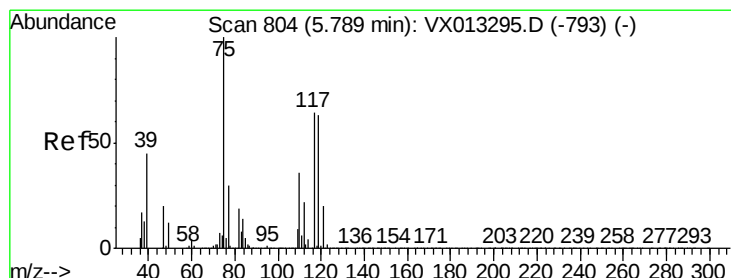
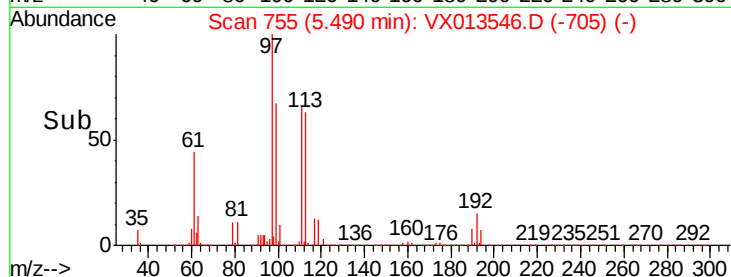
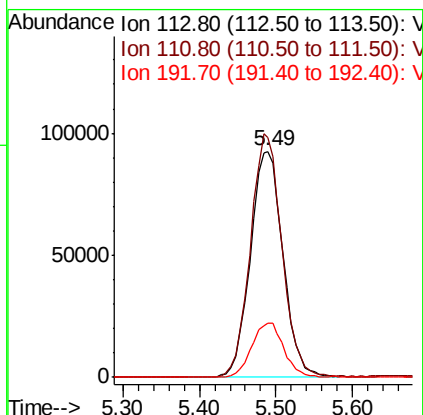
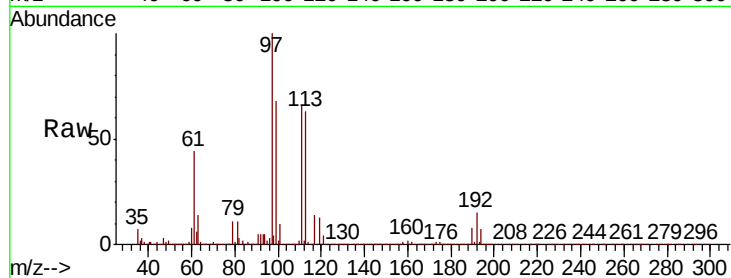




#35
Dibromofluoromethane
Concen: 45.835 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

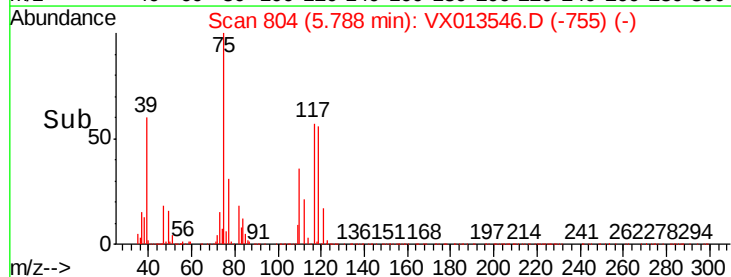
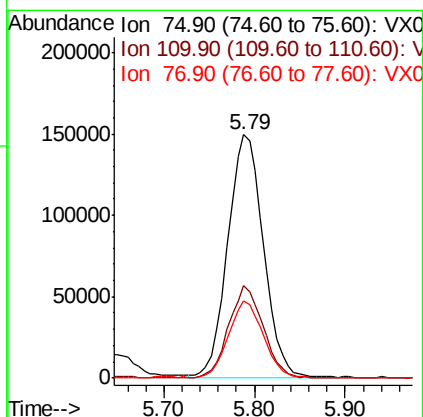
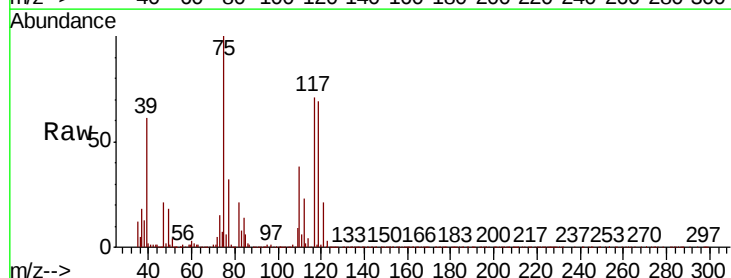
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

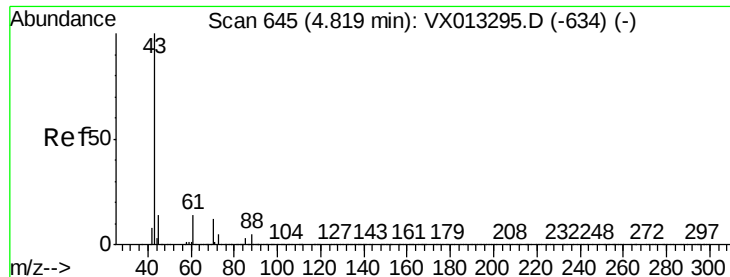
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.9	122.9
192	24.1	19.1	28.7



#36
1,1-Dichloropropene
Concen: 49.697 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.0	25.0	37.4

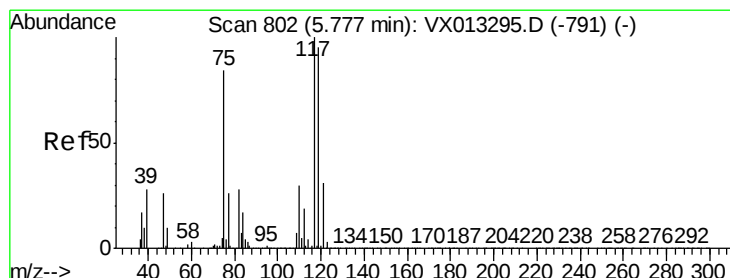
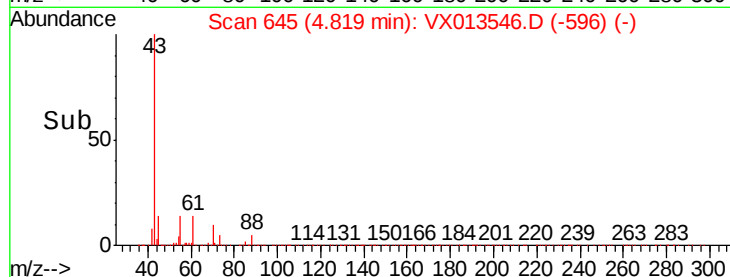
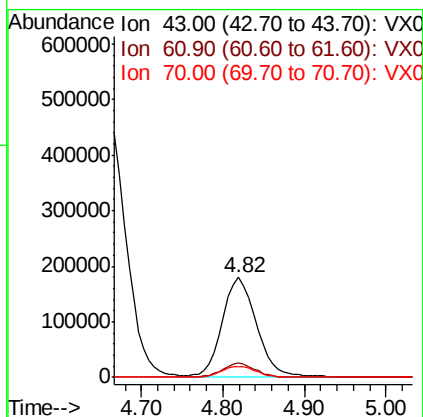
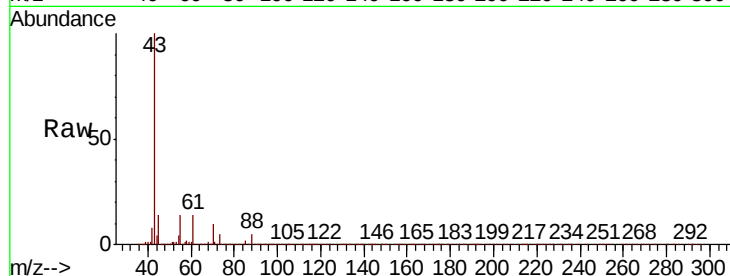




#37
Ethyl Acetate
Concen: 51.318 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

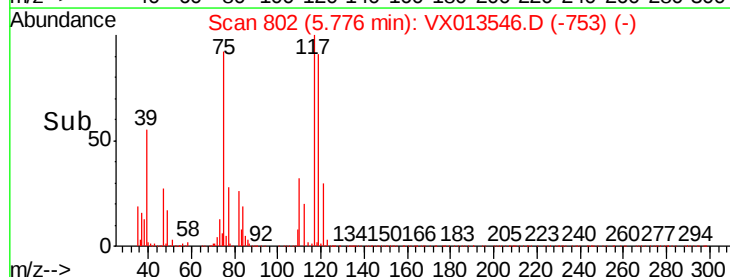
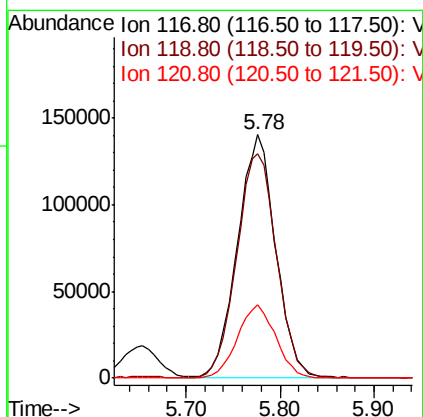
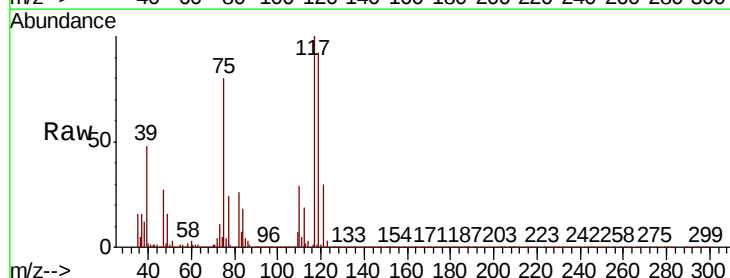
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

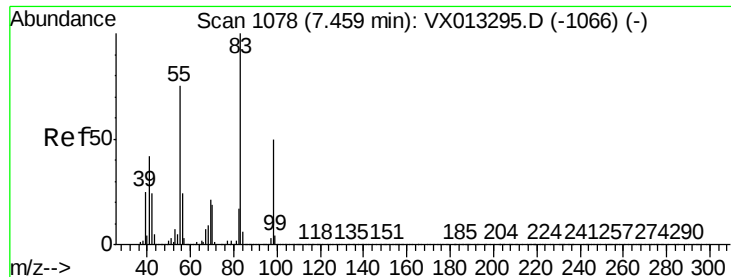
Tot Ion: 43 Resp: 516361
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.587 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 117 Resp: 394853
Ion Ratio Lower Upper
117 100
119 92.4 76.1 114.1
121 29.8 24.6 37.0

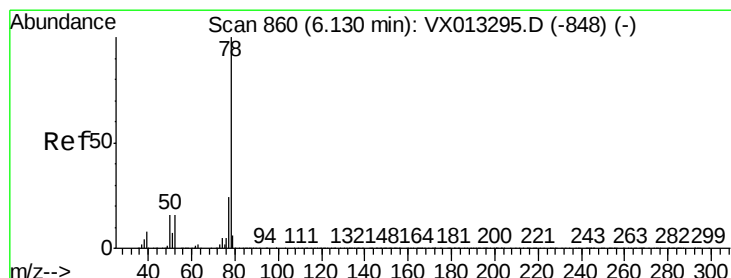
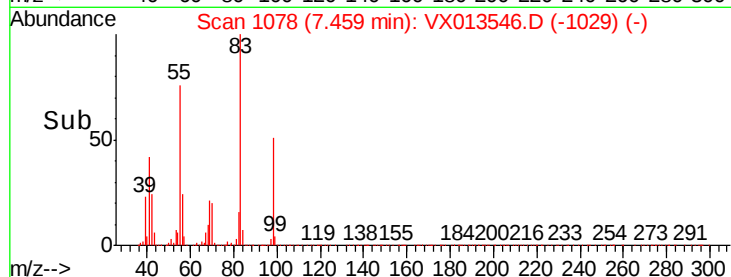
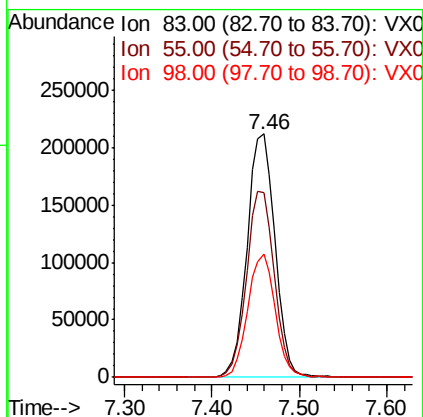
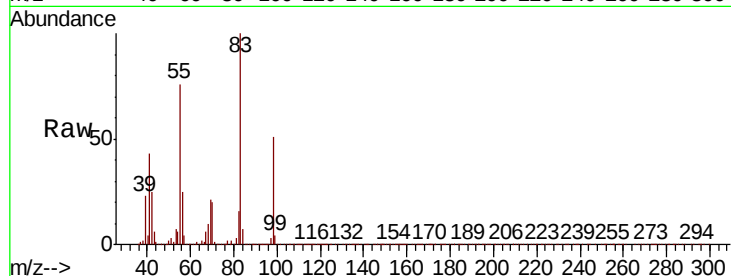




#39
Methvlcvclohexane
Concen: 46.288 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

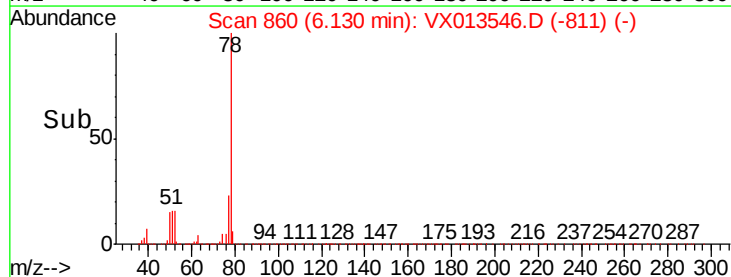
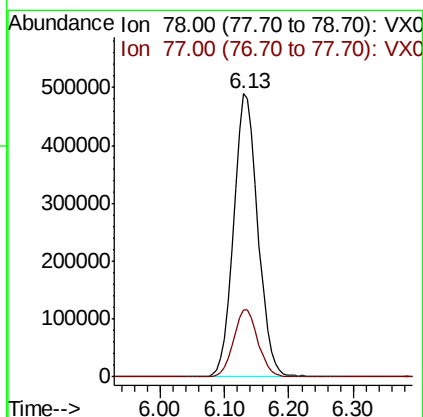
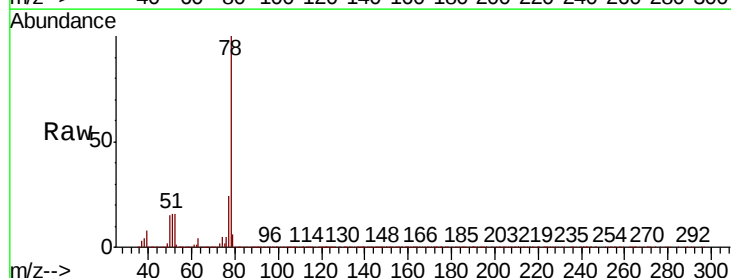
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

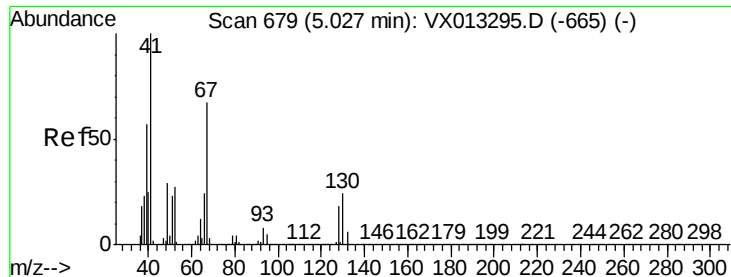
Tot Ion	83	Resp	469660
Ion Ratio	Lower	Upper	
83	100		
55	75.8	60.3	90.5
98	50.6	40.3	60.5



#40
Benzene
Concen: 50.464 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	78	Resp	1280047
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.5	29.3

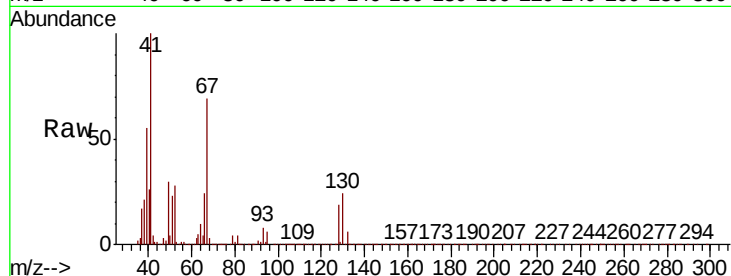




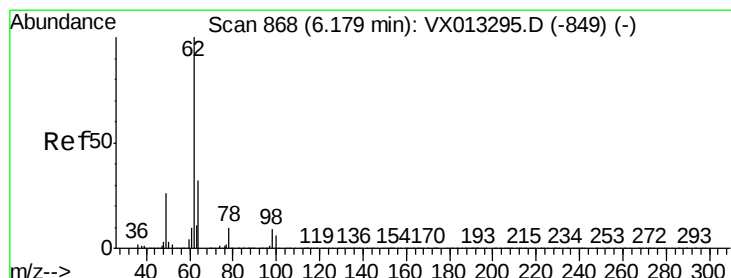
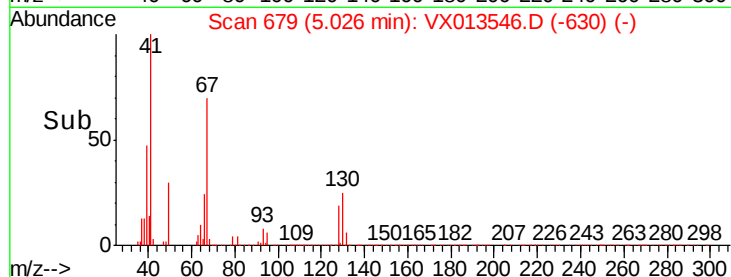
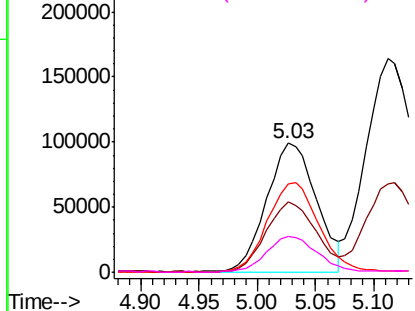
#41
Methacrylonitrile
Concen: 51.759 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	291911
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.0	67.6
67	71.5	55.4	83.2
52	28.1	23.1	34.7

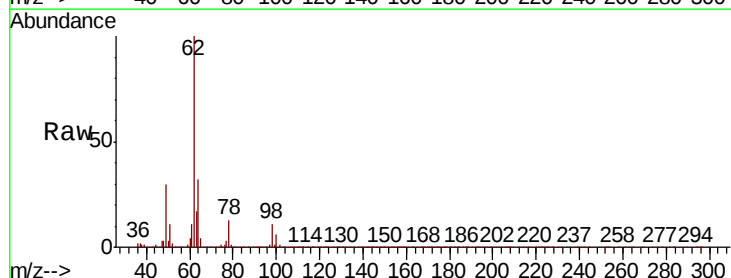


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

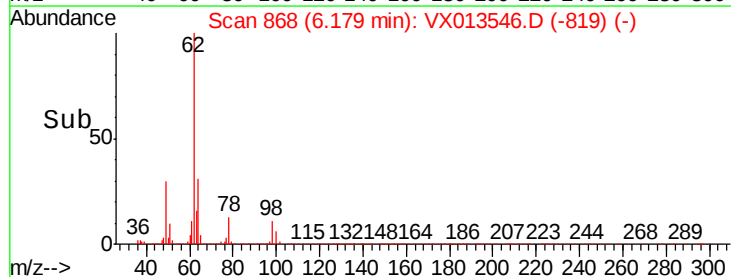
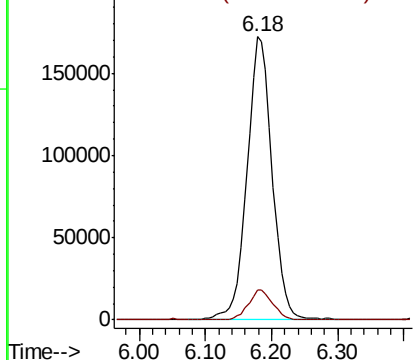


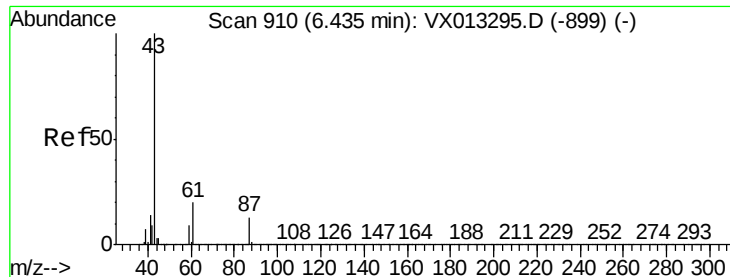
#42
1,2-Dichloroethane
Concen: 49.758 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:	62	Resp:	455255
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 54.110 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

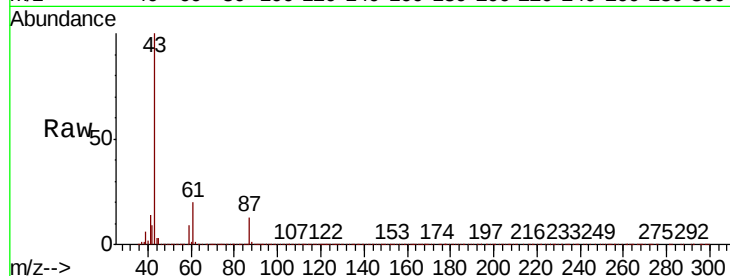
Tot Ion: 43 Resp: 847814

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

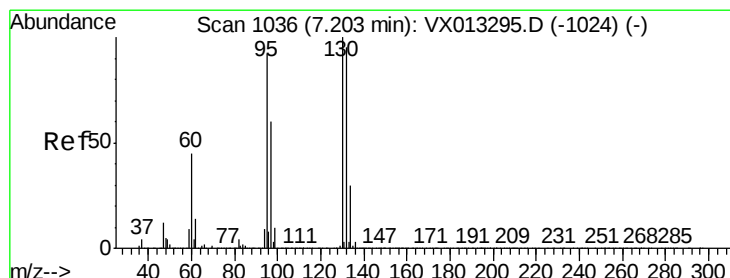
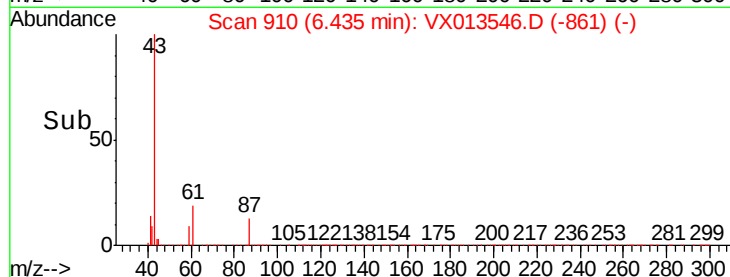
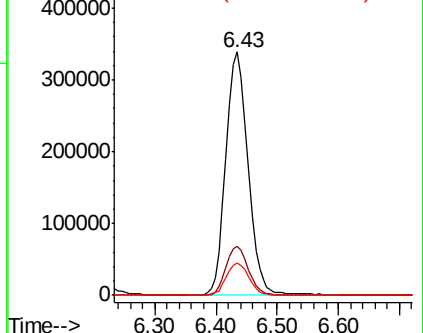
87 13.6 10.4 15.6



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: 51.665 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013546.D

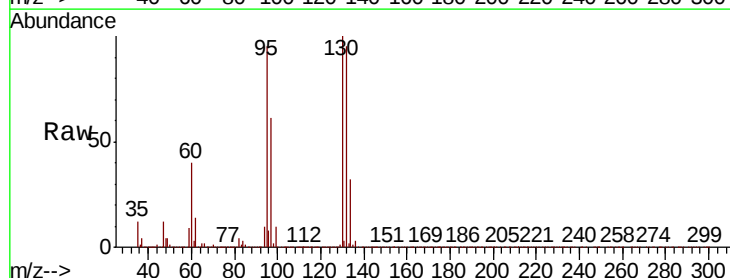
Acq: 22 Nov 2019 20:14

Tgt Ion:130 Resp: 360737

Ion Ratio Lower Upper

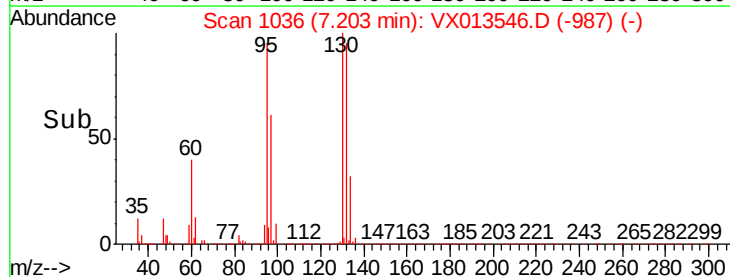
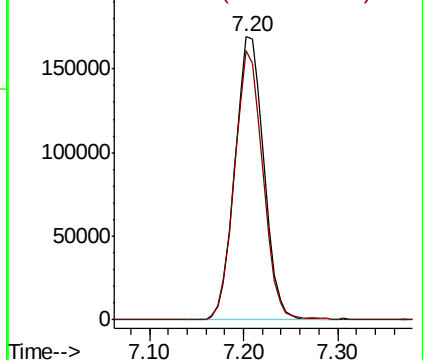
130 100

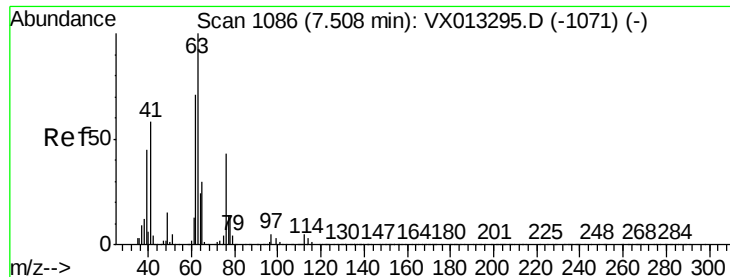
95 95.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.280 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

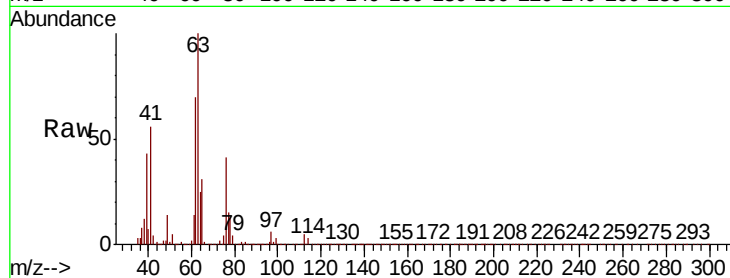
VSTDCCC050EC

Tot Ion: 63 Resp: 344348

Ion Ratio Lower Upper

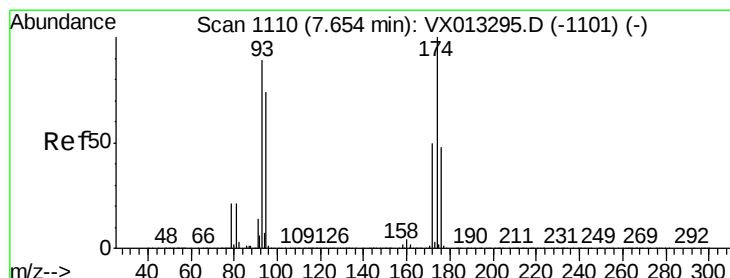
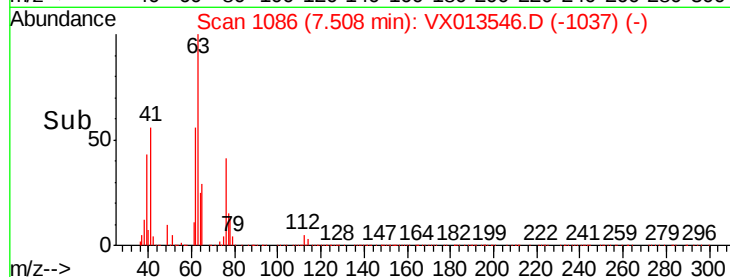
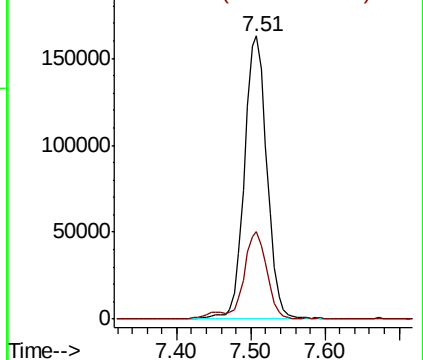
63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.285 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

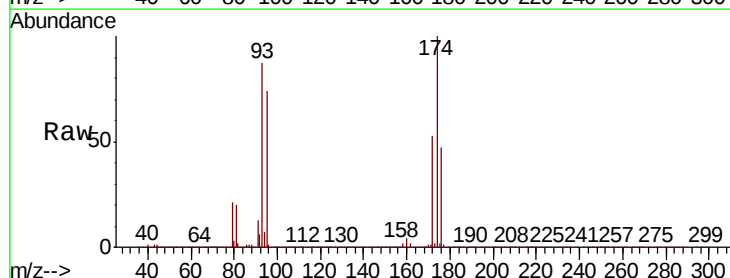
Tgt Ion: 93 Resp: 221895

Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.6

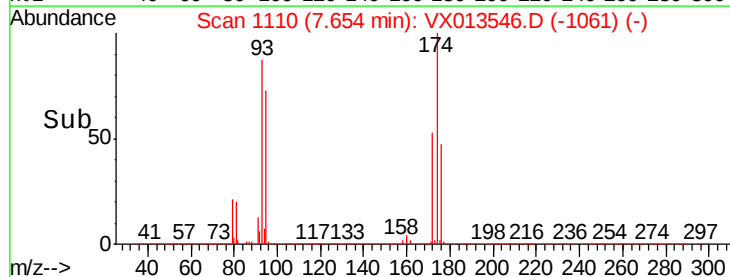
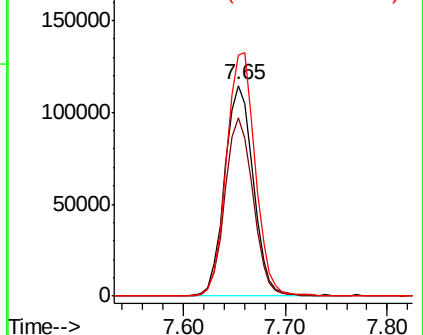
174 116.3 90.4 135.6

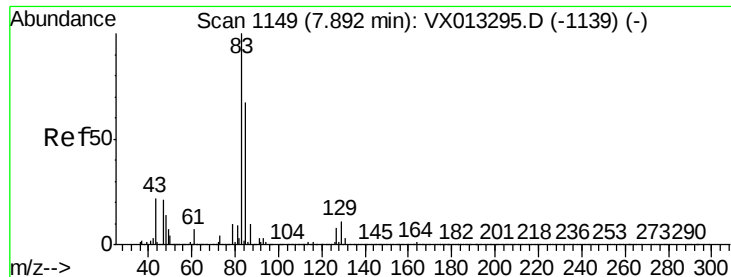


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.283 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

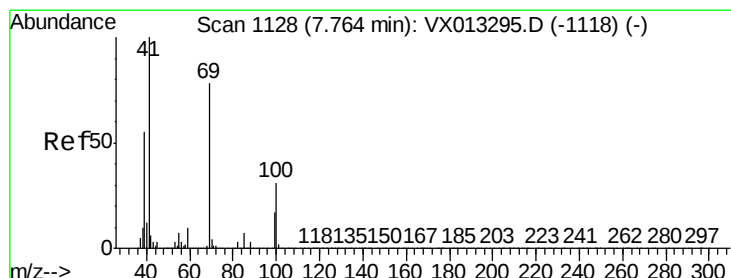
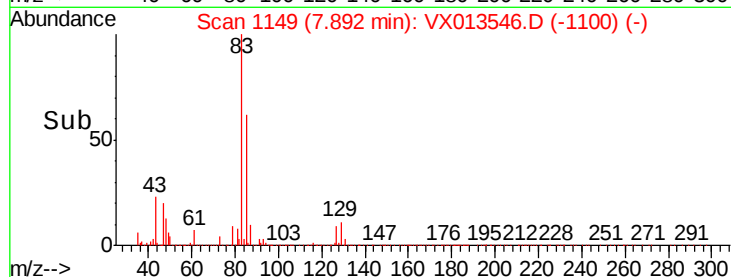
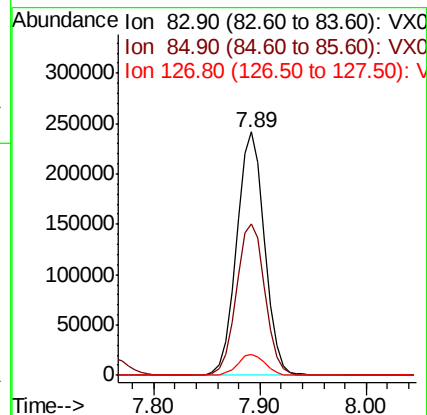
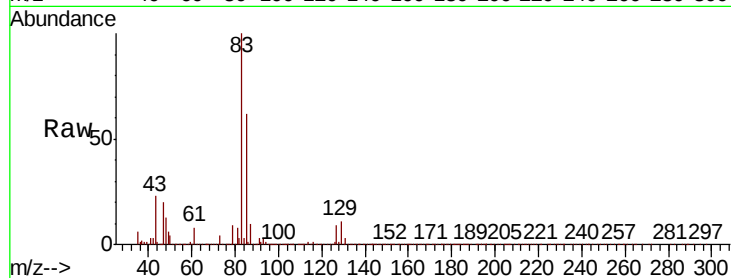
Tot Ion: 83 Resp: 443376

Ion Ratio Lower Upper

83 100

85 62.1 53.7 80.5

127 8.5 6.4 9.6



#48

Methyl methacrylate

Concen: 53.006 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

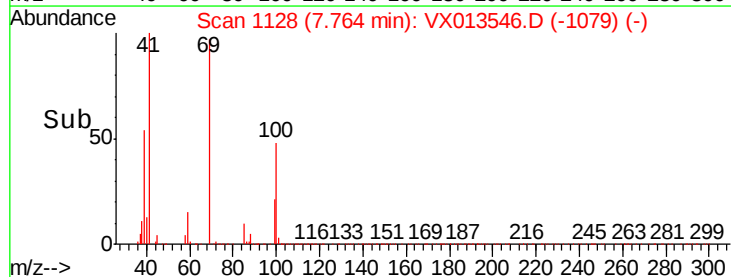
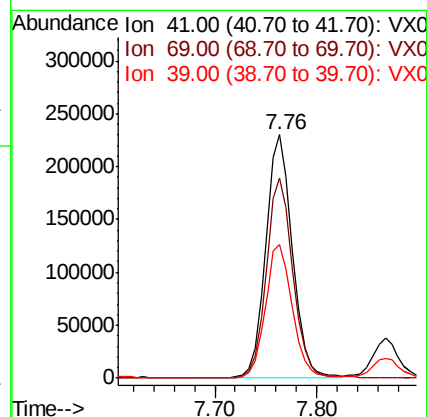
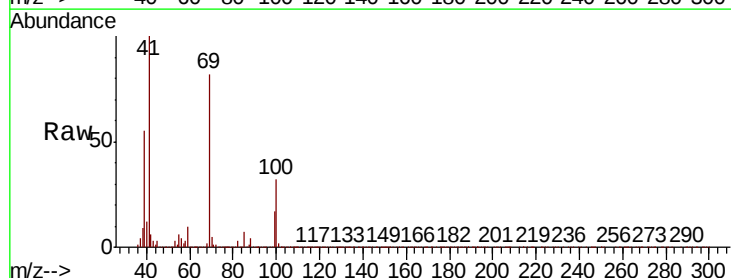
Tgt Ion: 41 Resp: 414578

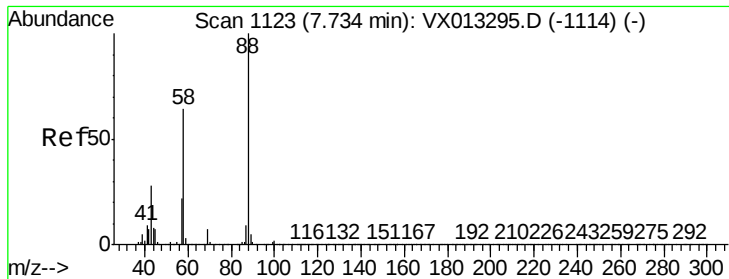
Ion Ratio Lower Upper

41 100

69 82.7 63.0 94.6

39 56.0 45.9 68.9





#49

1,4-Dioxane

Concen: 923.189 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

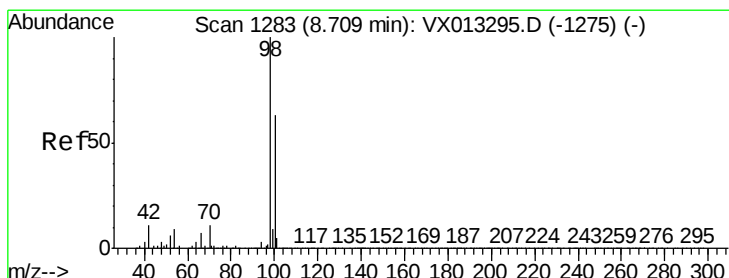
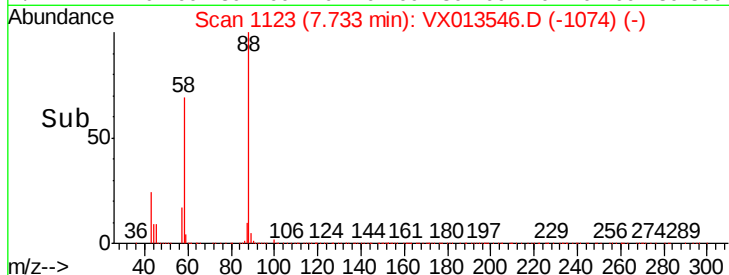
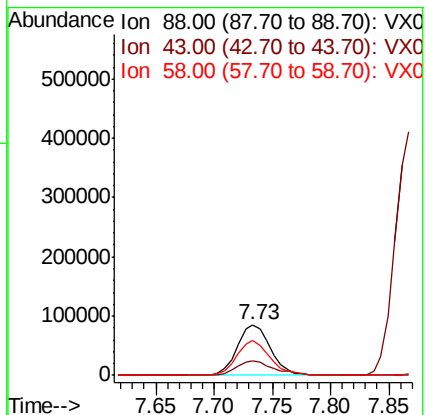
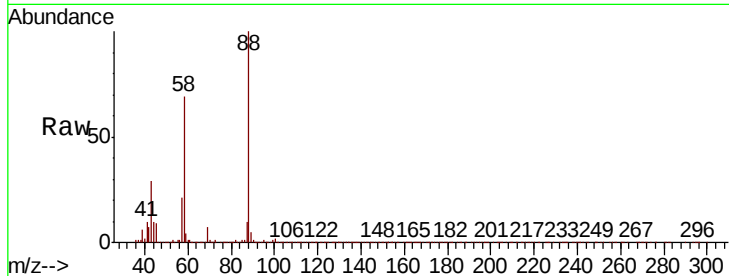
Tot Ion: 88 Resp: 165359

Ion Ratio Lower Upper

88 100

43 32.3 26.6 39.8

58 70.1 55.0 82.6



#50

Toluene-d8

Concen: 46.796 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013546.D

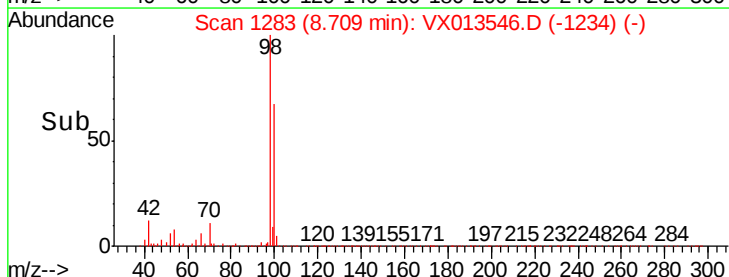
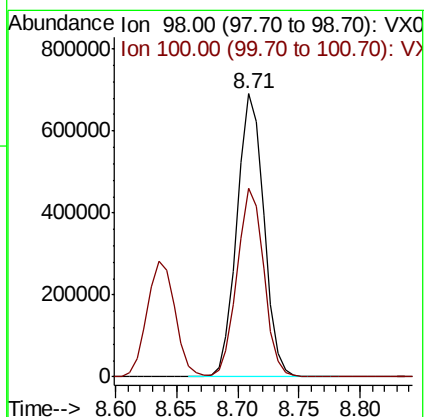
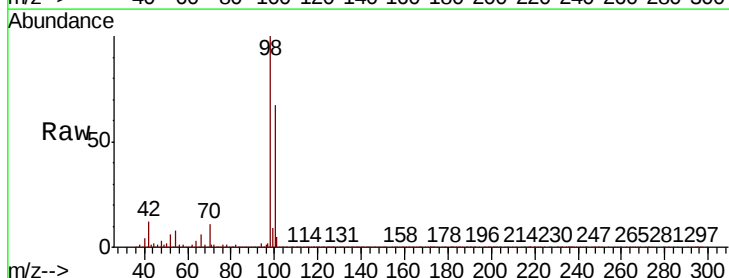
Acq: 22 Nov 2019 20:14

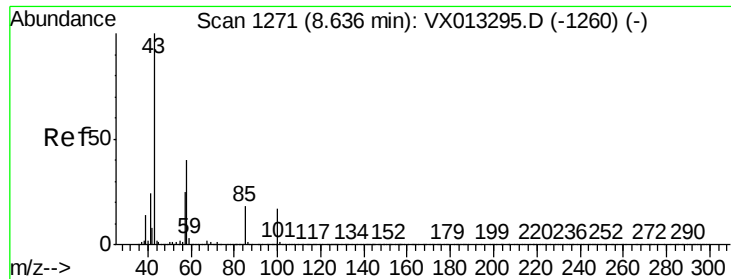
Tgt Ion: 98 Resp: 1050311

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 268.570 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

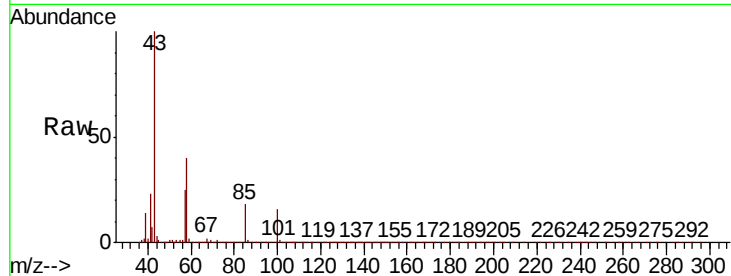
VSTDCCC050EC

Tot Ion: 43 Resp: 2760858

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

1500000

1000000

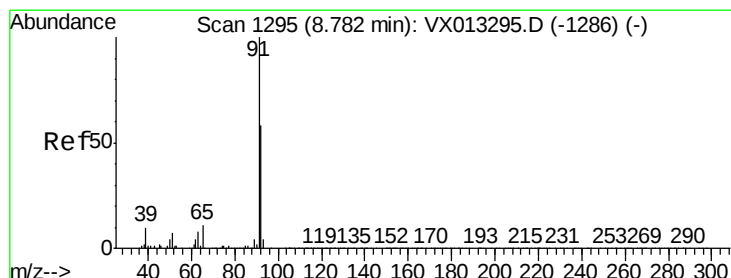
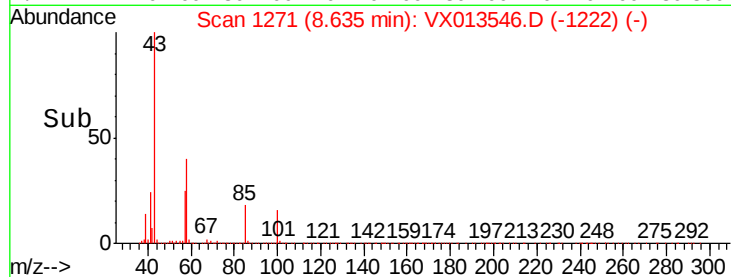
500000

0

8.64

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 51.555 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013546.D

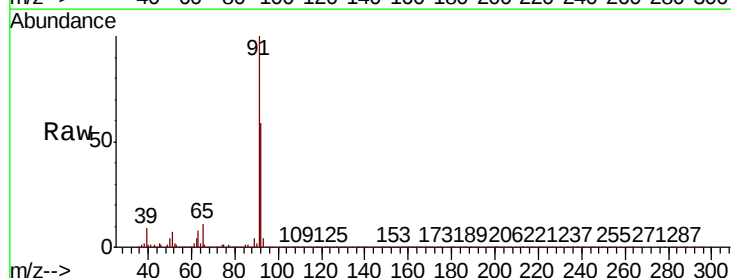
Acq: 22 Nov 2019 20:14

Tgt Ion: 92 Resp: 810509

Ion Ratio Lower Upper

92 100

91 170.7 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

400000

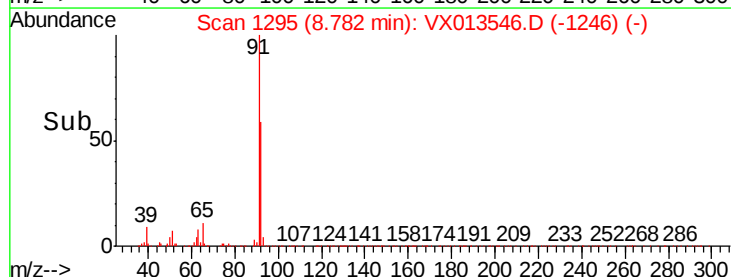
200000

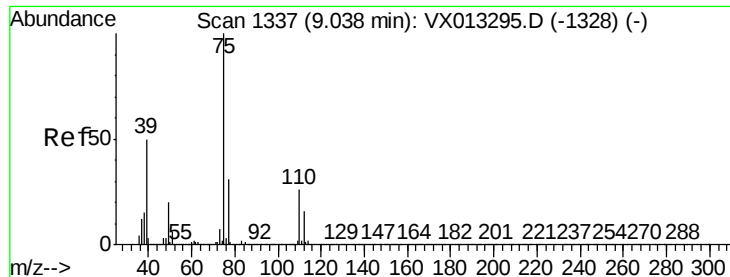
0

8.78

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.530 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

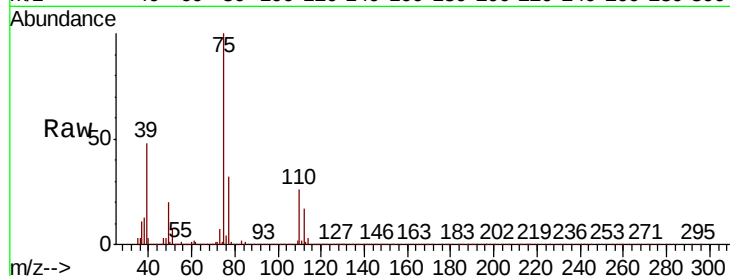
VSTDCCC050EC

Tot Ion: 75 Resp: 477980

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

300000

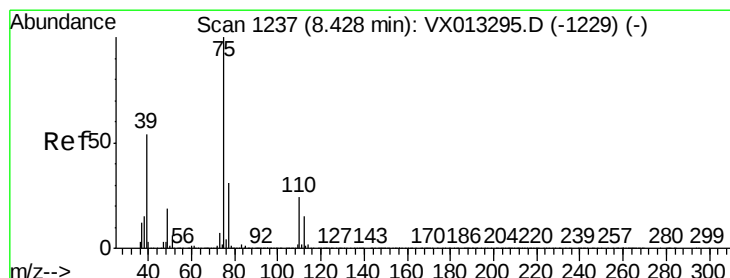
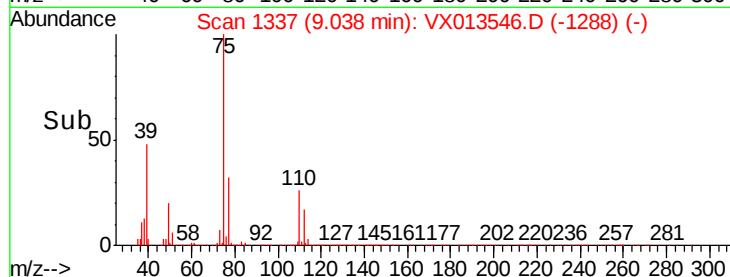
200000

100000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.774 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

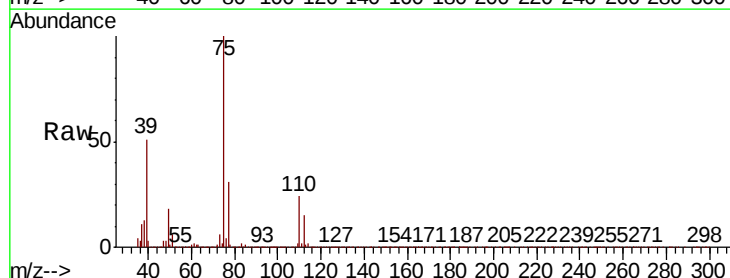
Tgt Ion: 75 Resp: 526975

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 50.5 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

300000

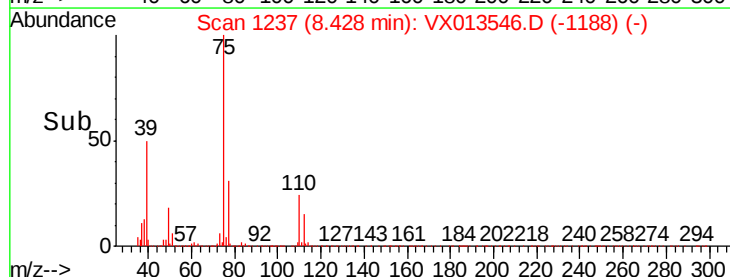
200000

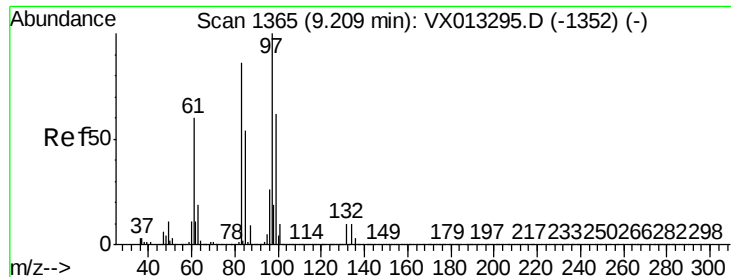
100000

0

8.30 8.40 8.50 8.60

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.097 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 345994

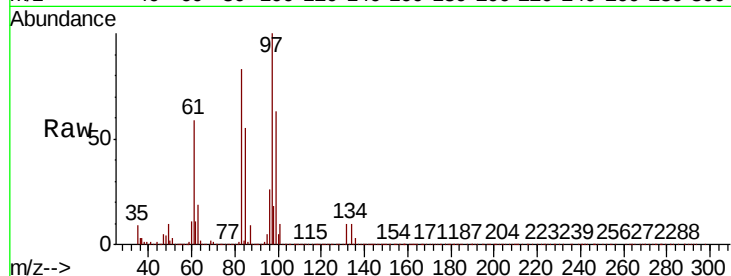
Ion Ratio Lower Upper

97 100

83 83.1 68.6 103.0

85 55.1 43.1 64.7

99 62.7 49.4 74.0

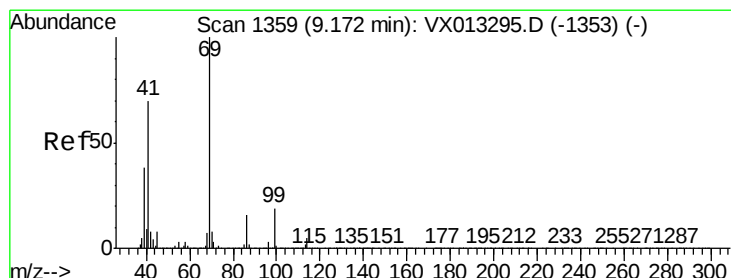
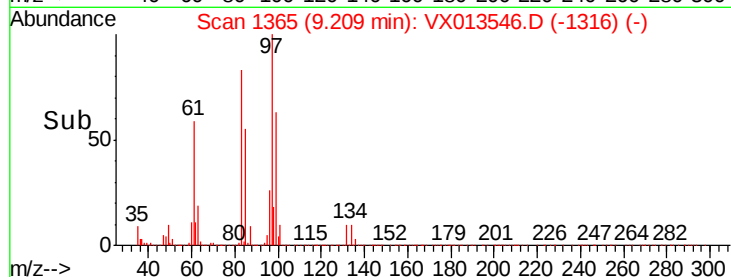
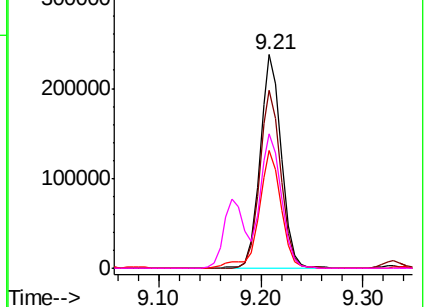


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.316 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

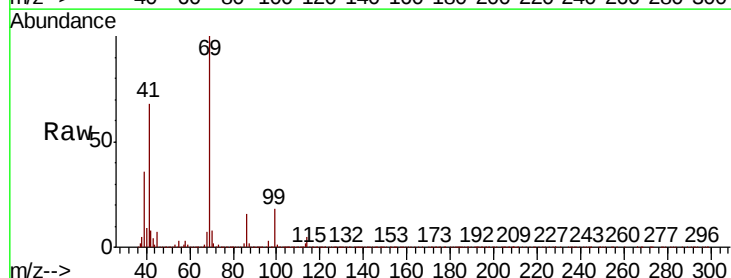
Tgt Ion: 69 Resp: 571345

Ion Ratio Lower Upper

69 100

41 67.8 56.2 84.2

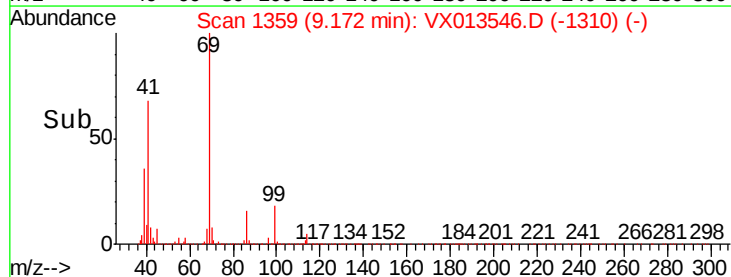
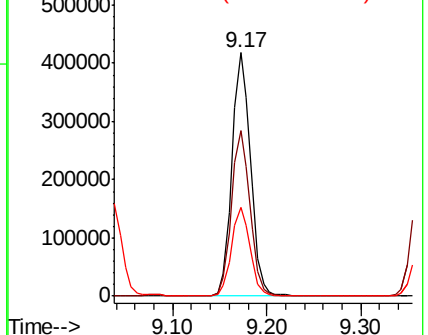
39 36.4 31.1 46.7

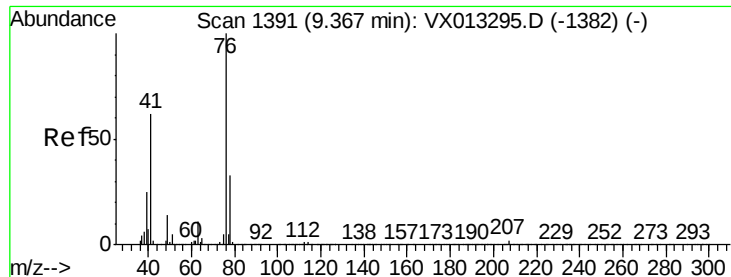


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.509 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

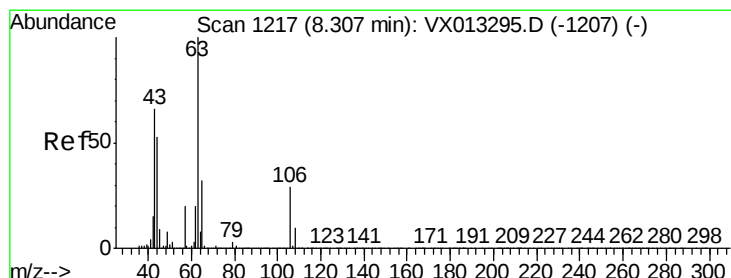
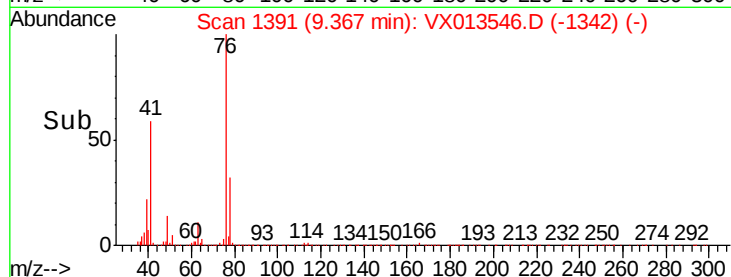
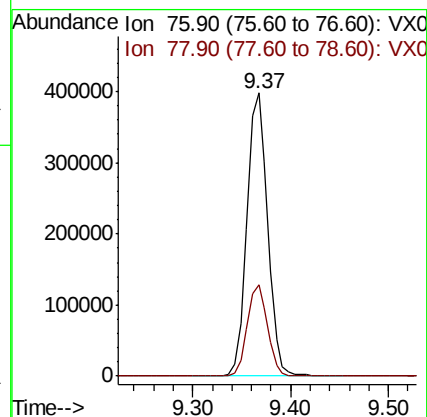
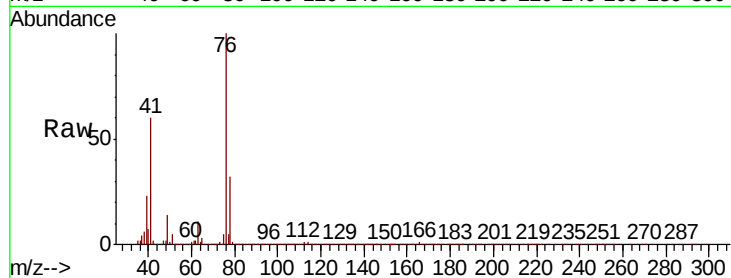
VSTDCCC050EC

Tot Ion: 76 Resp: 580838

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.205 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013546.D

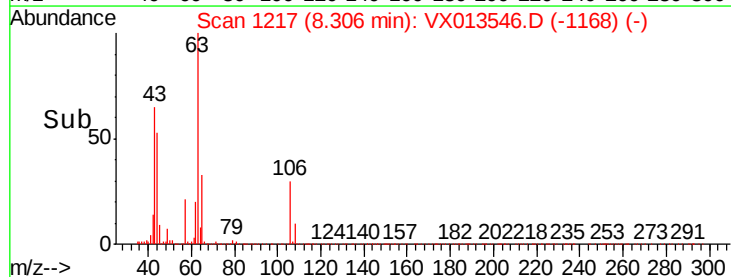
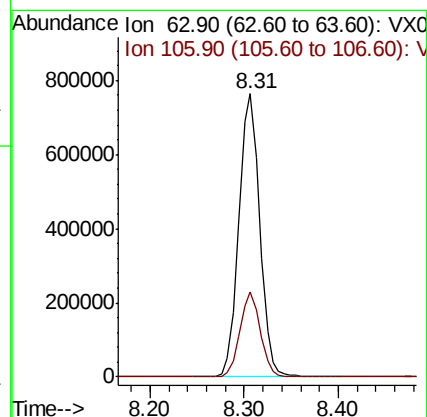
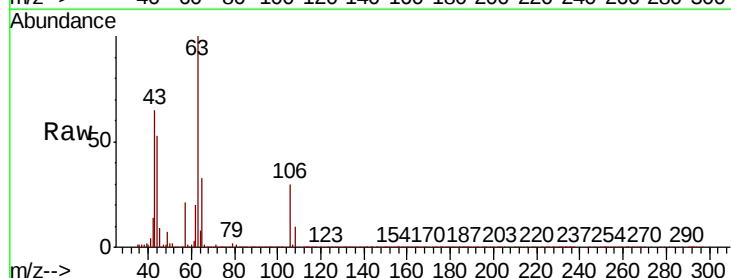
Acq: 22 Nov 2019 20:14

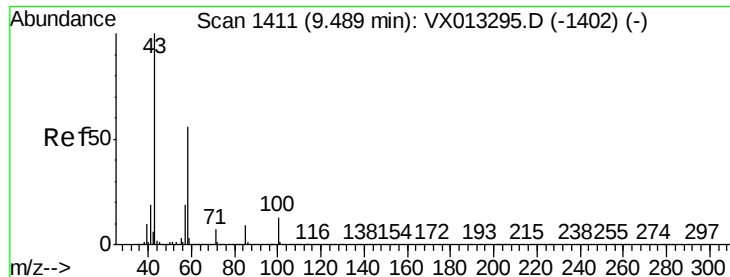
Tgt Ion: 63 Resp: 1172717

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2

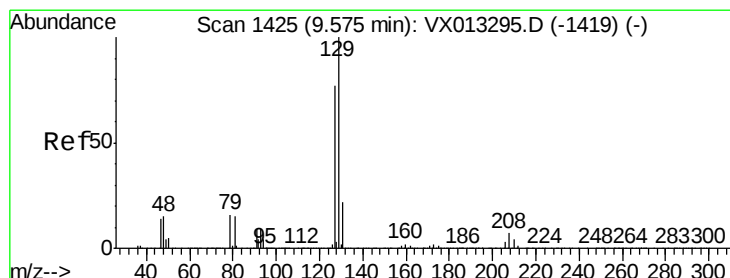
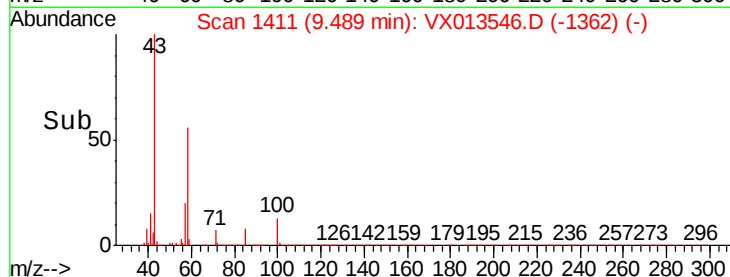
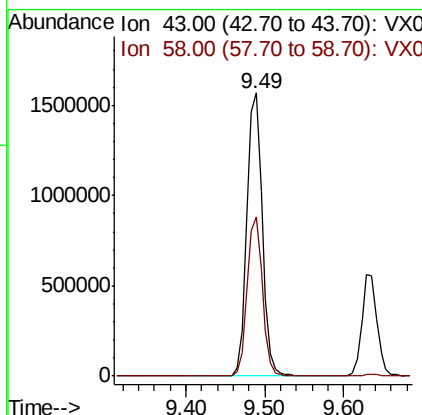
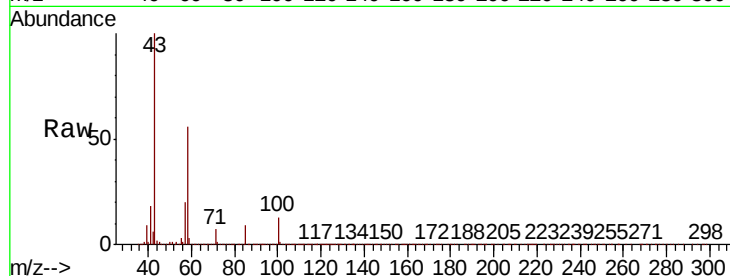




#59
2-Hexanone
Concen: 266.793 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

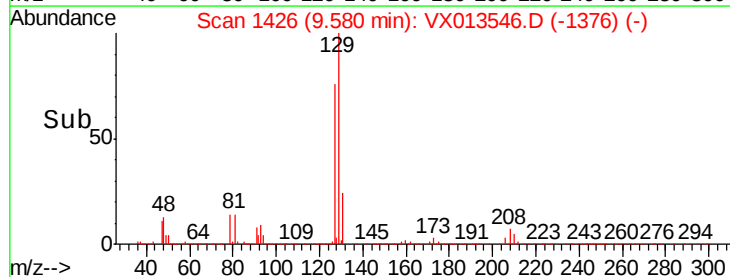
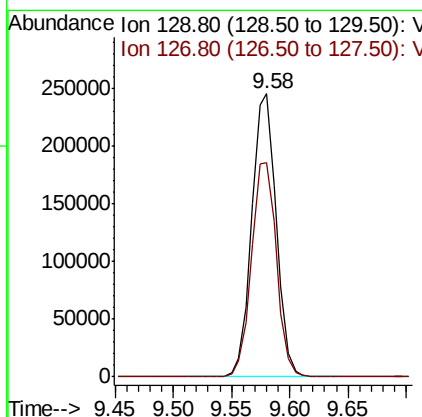
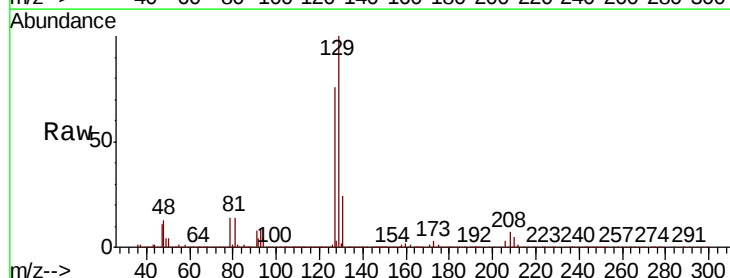
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

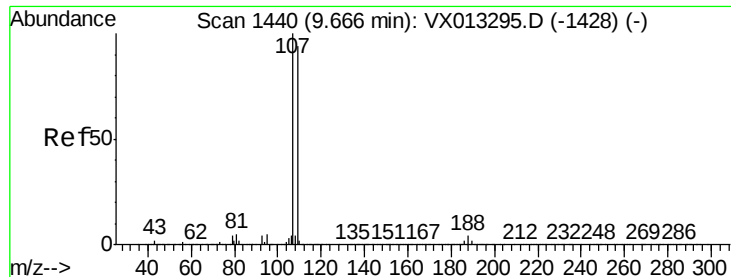
Tot Ion: 43 Resp: 2119417
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 54.133 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 129 Resp: 360766
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.346 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

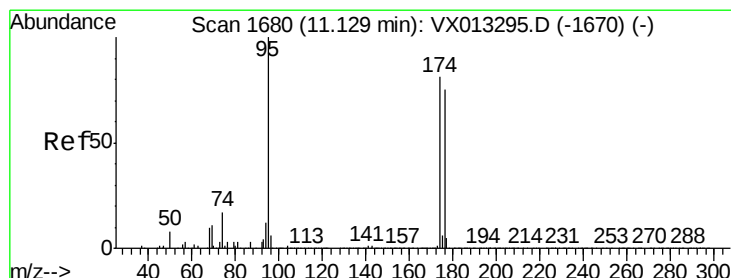
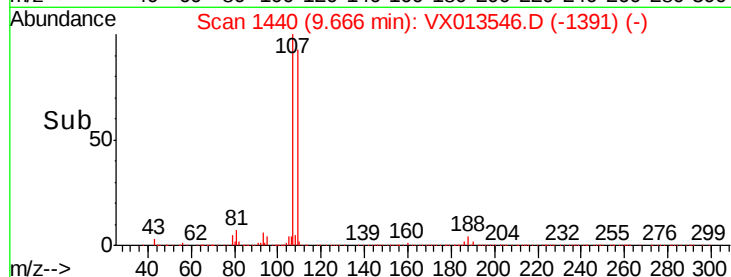
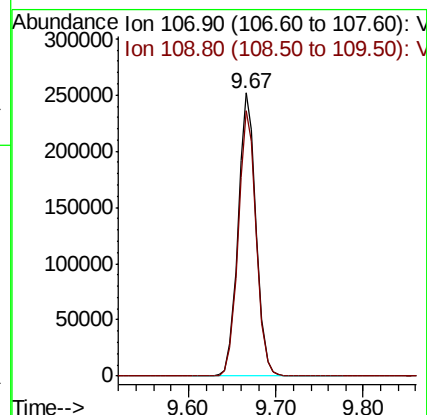
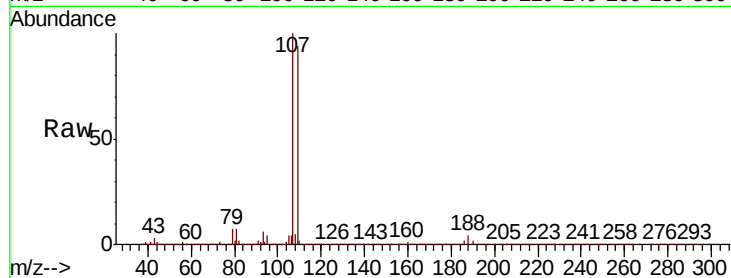
VSTDCCC050EC

Tot Ion:107 Resp: 362210

Ion Ratio Lower Upper

107 100

109 93.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 47.458 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

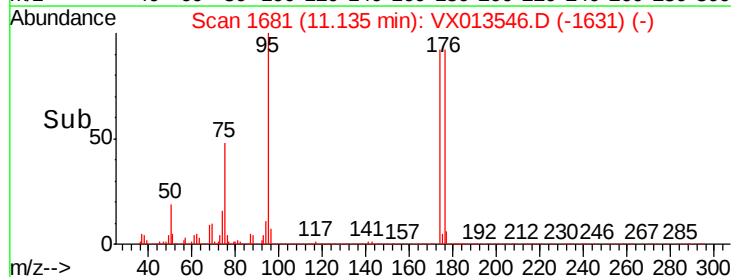
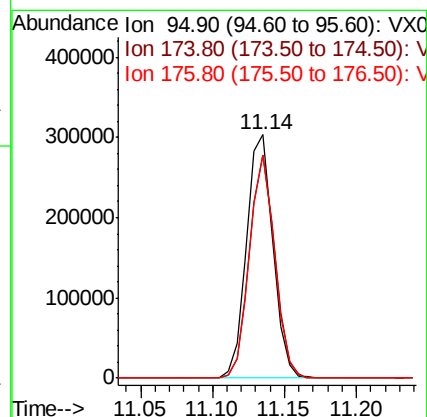
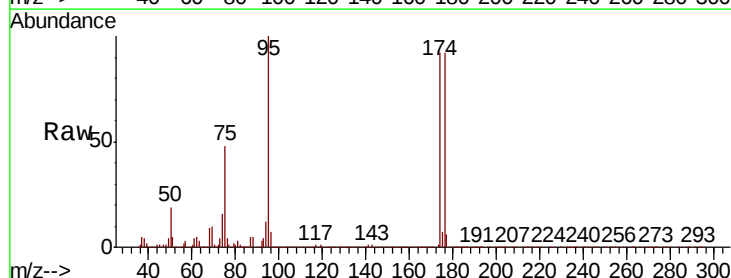
Tgt Ion: 95 Resp: 384426

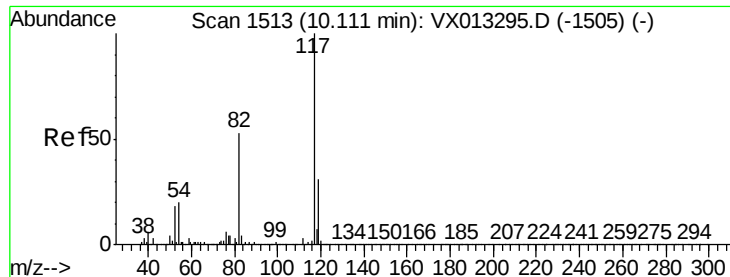
Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 87.5 0.0 173.0

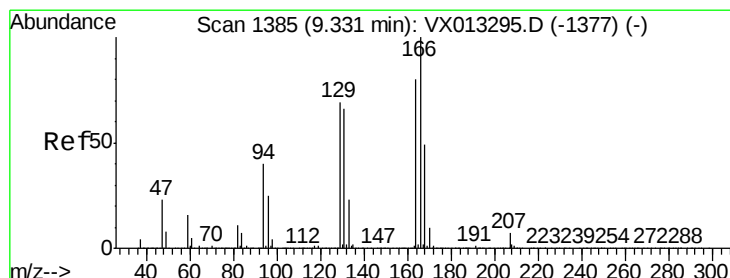
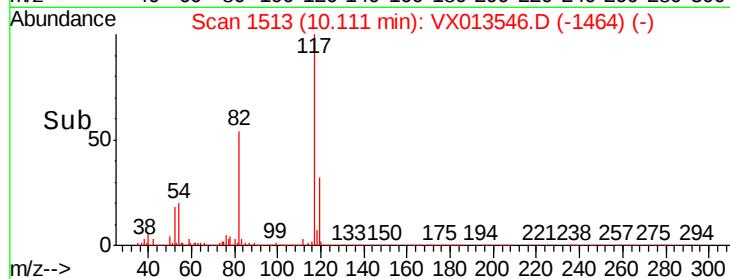
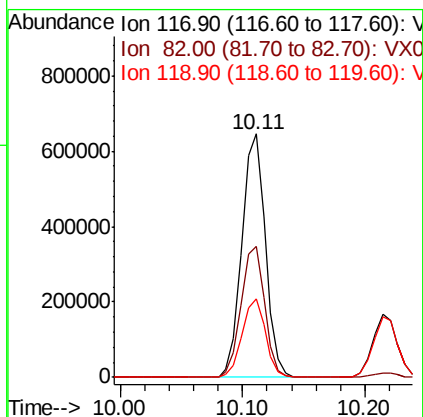
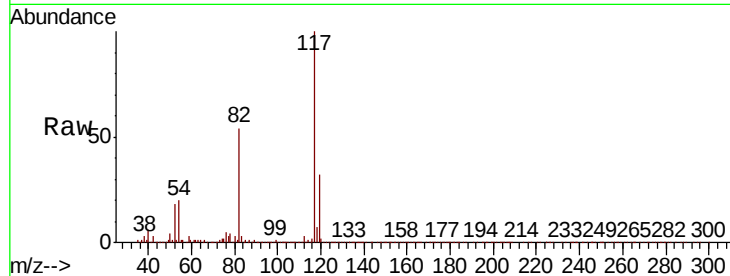




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

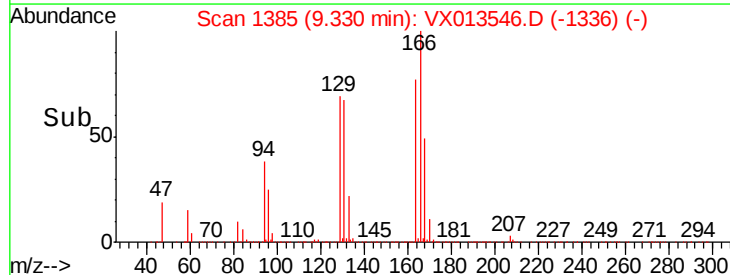
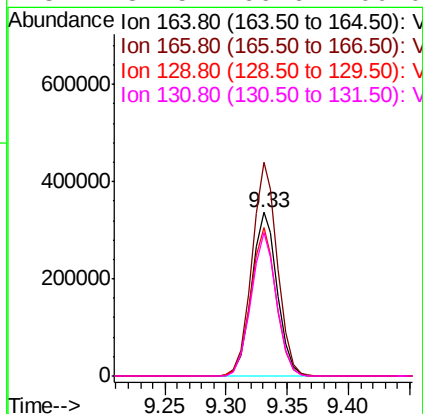
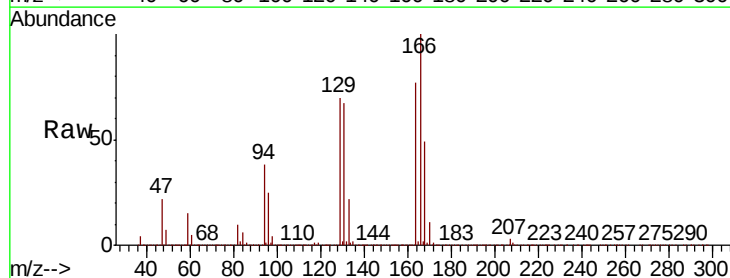
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

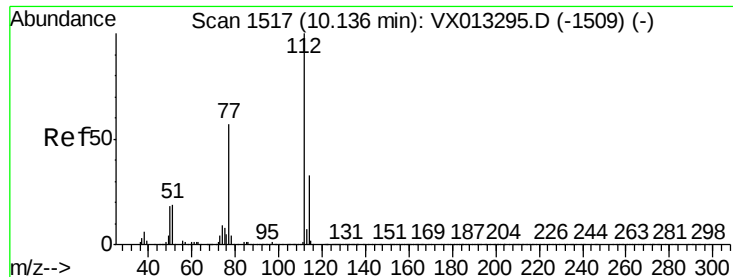
Tot Ion:117 Resp: 858313
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.0 24.8 37.2



#64
Tetrachloroethene
Concen: 79.881 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:164 Resp: 490821
Ion Ratio Lower Upper
164 100
166 130.6 100.4 150.6
129 90.7 69.4 104.2
131 87.5 66.6 100.0

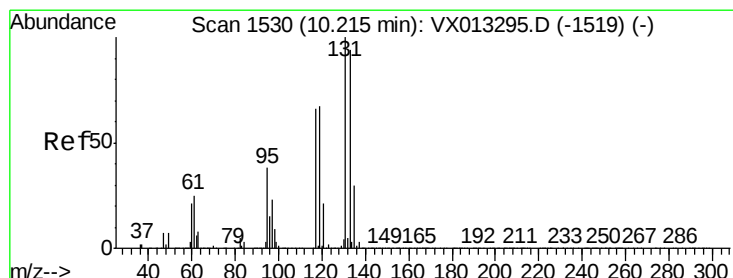
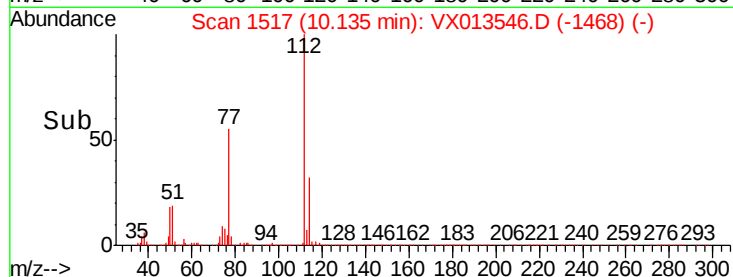
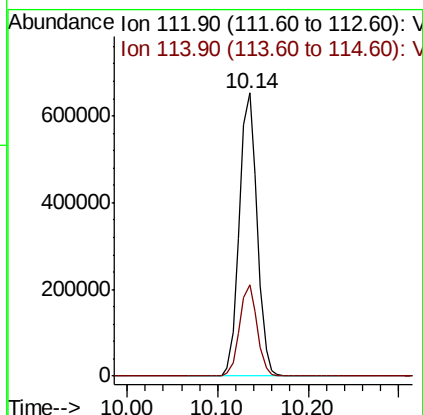
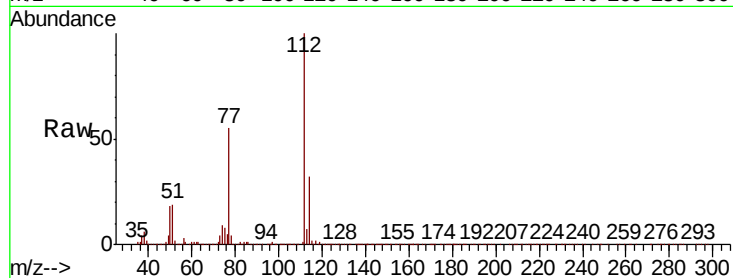




#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

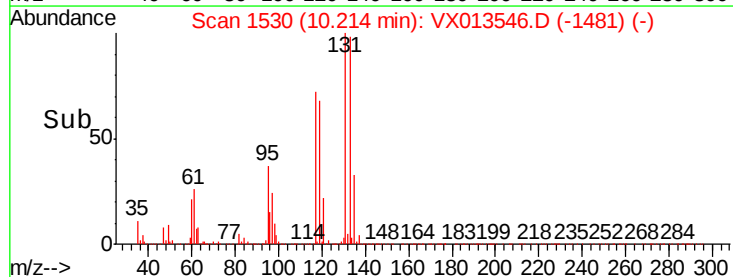
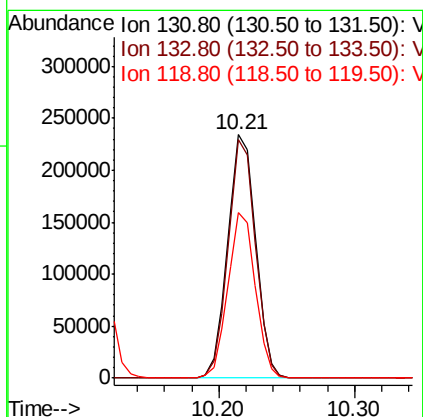
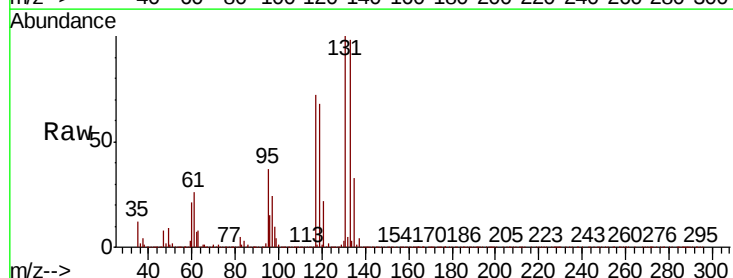
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

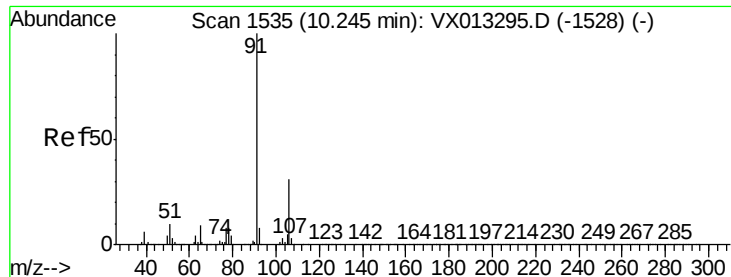
Tot Ion:112 Resp: 889163
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.579 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:131 Resp: 335471
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 66.7 33.0 99.0





#67

Ethyl Benzene

Concen: 51.730 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

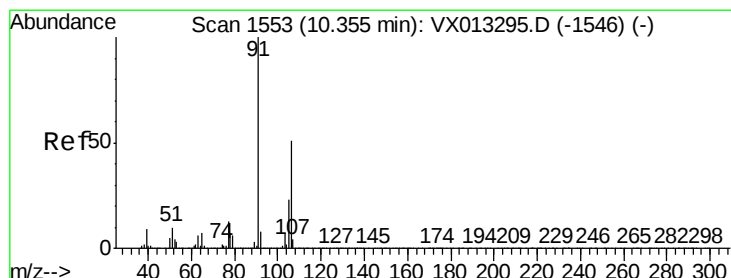
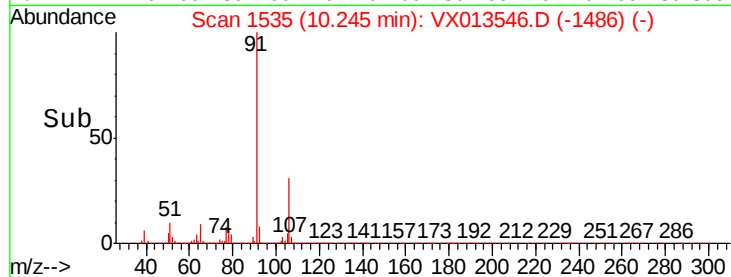
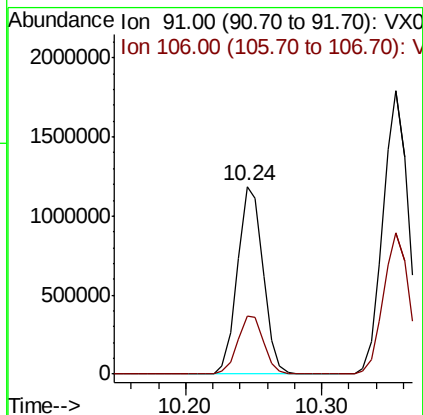
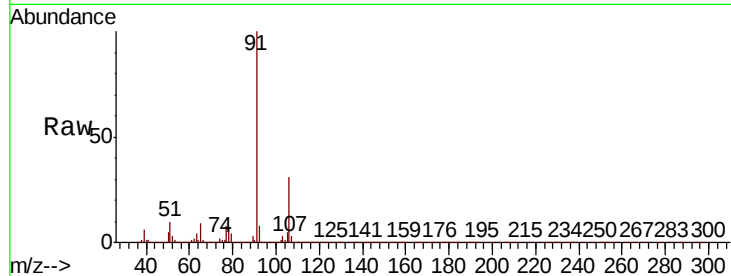
VSTDCCC050EC

Tot Ion: 91 Resp: 1551429

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 103.610 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013546.D

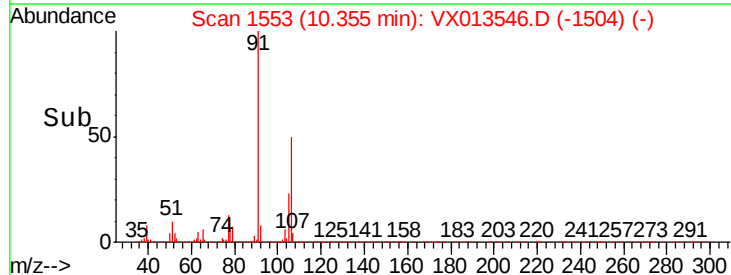
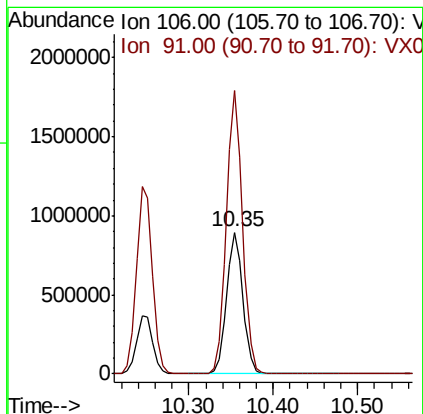
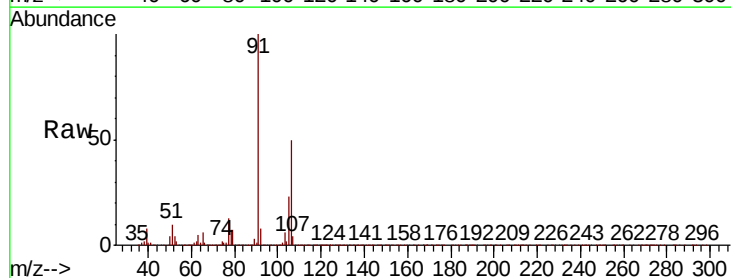
Acq: 22 Nov 2019 20:14

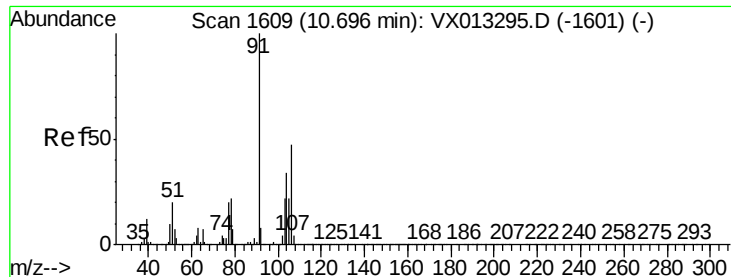
Tgt Ion: 106 Resp: 1175168

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9

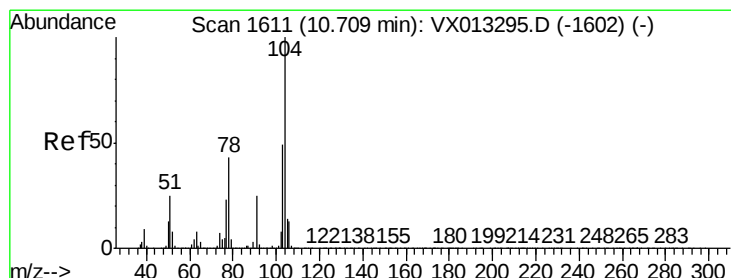
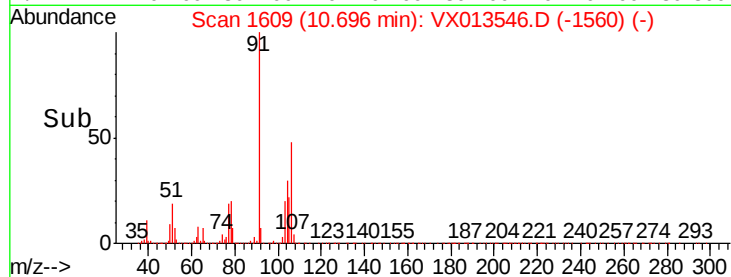
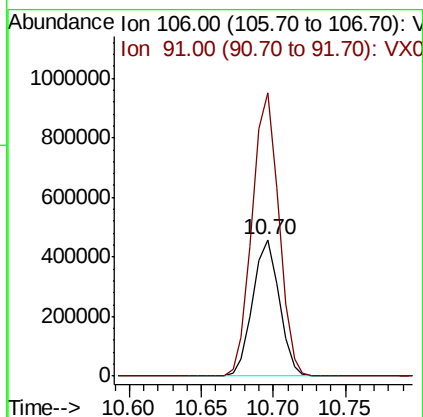
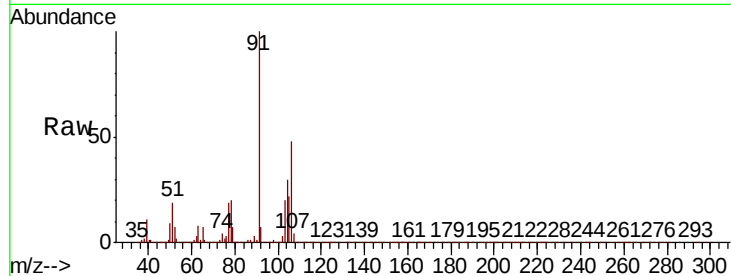




#69
o-Xylene
Concen: 52.246 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

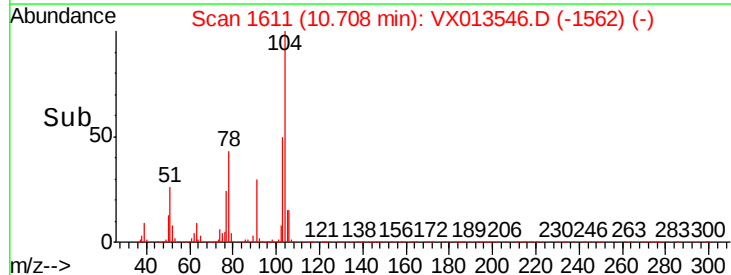
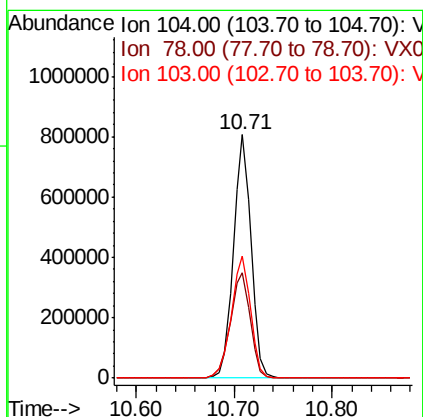
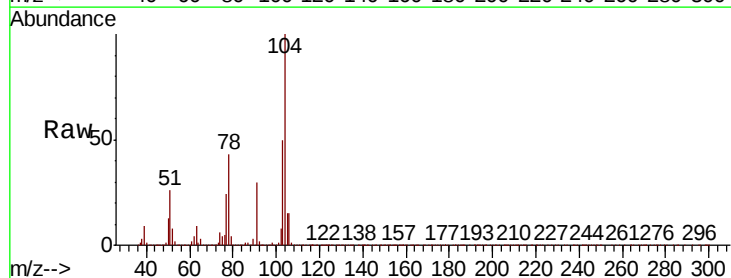
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

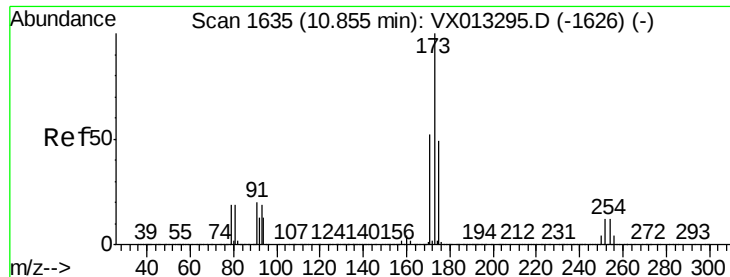
Tot Ion:106 Resp: 580161
Ion Ratio Lower Upper
106 100
91 209.8 105.7 317.0



#70
Styrene
Concen: 54.041 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:104 Resp: 1003131
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 54.8 44.1 66.1

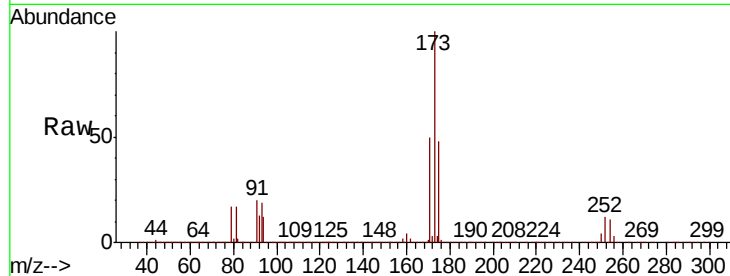




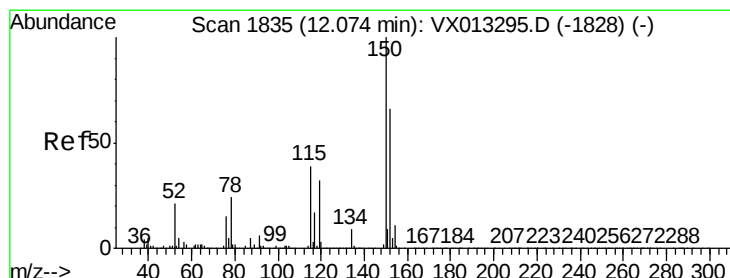
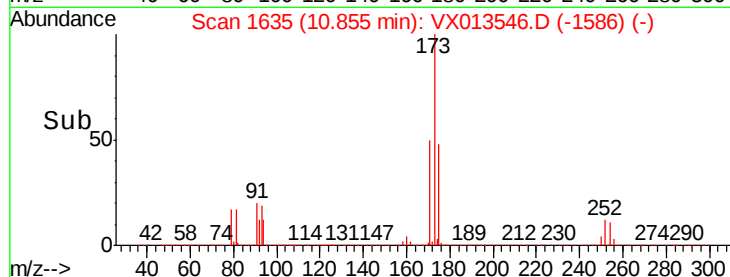
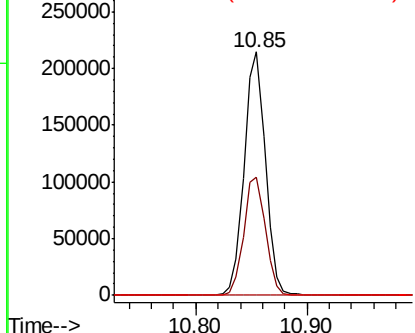
#71
Bromoform
Concen: 48.017 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 283261
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.4
254 0.1 0.2 0.2#

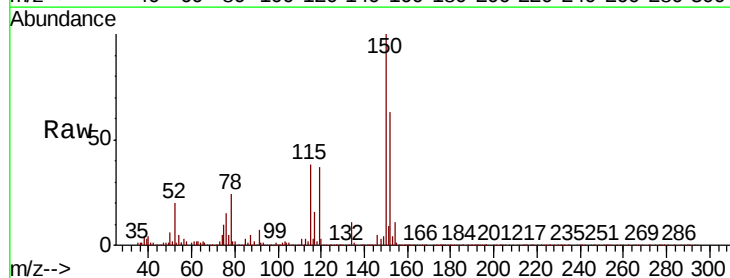


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

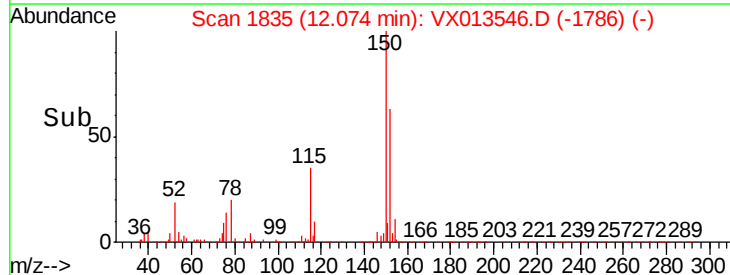
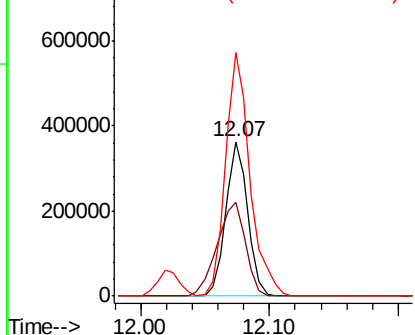


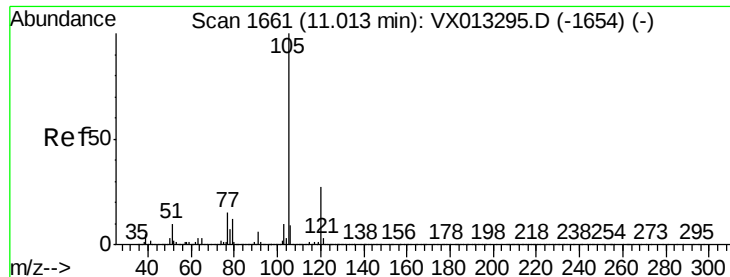
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:152 Resp: 432325
Ion Ratio Lower Upper
152 100
115 79.0 39.5 118.3
150 175.8 0.0 344.4



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





#73

Isopropylbenzene

Concen: 53.847 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

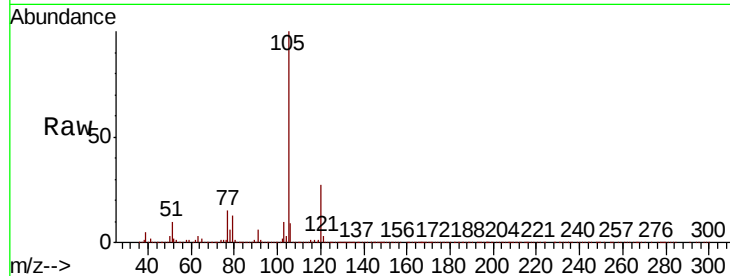
VSTDCCC050EC

Tot Ion:105 Resp: 1543463

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

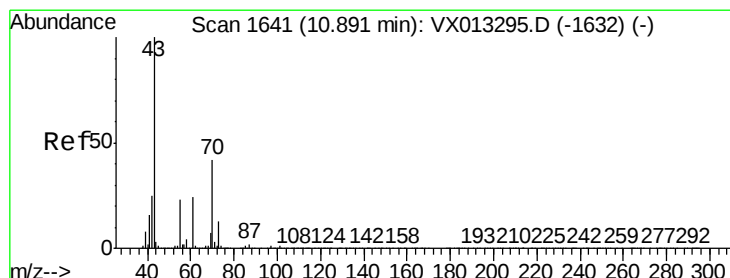
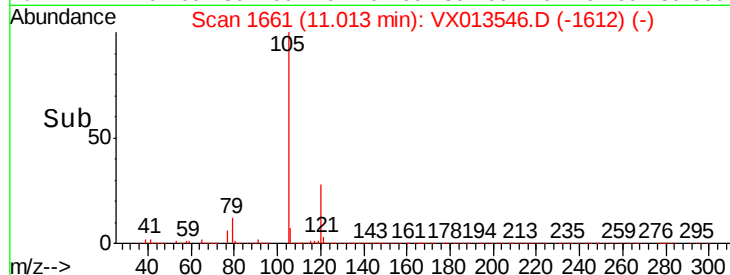
11.01

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 57.038 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion: 43 Resp: 758148

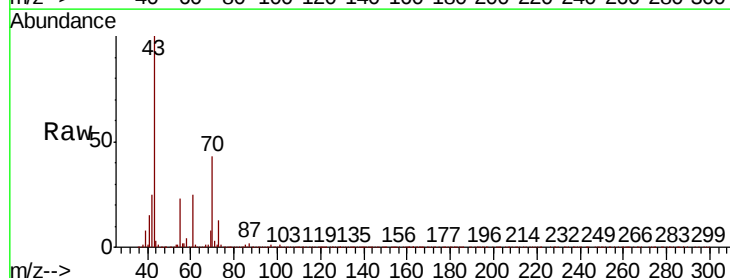
Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 24.0 18.9 28.3

61 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

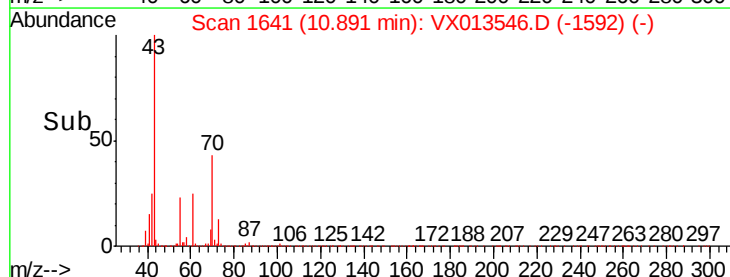
600000

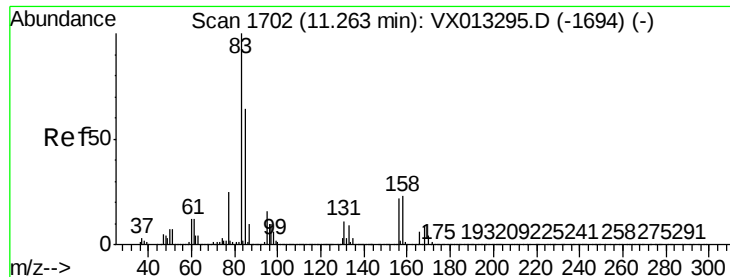
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.574 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

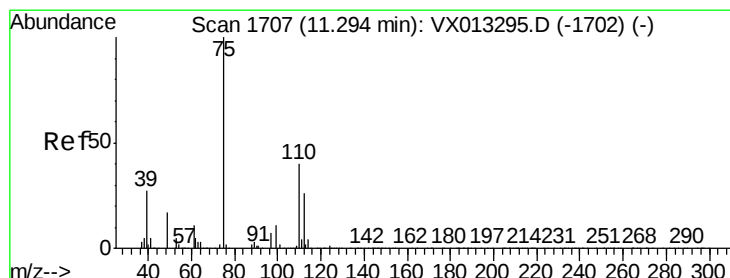
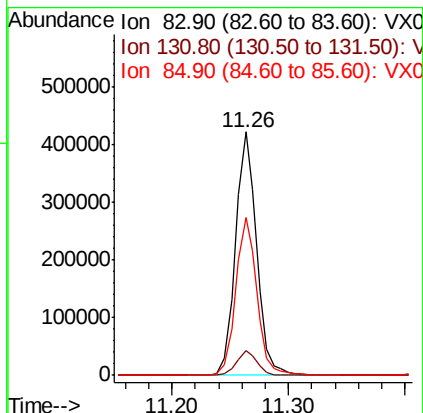
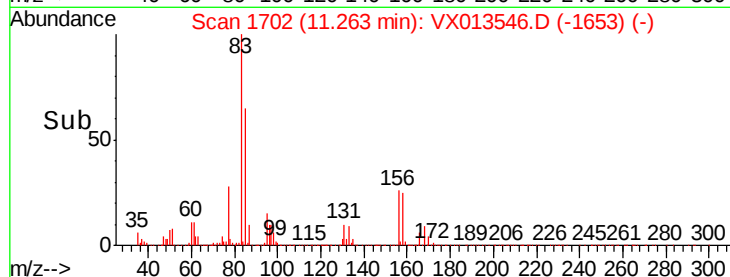
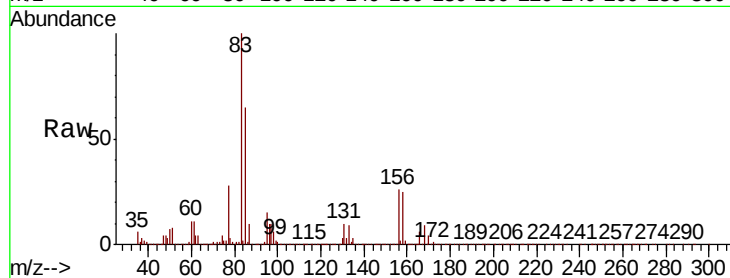
Tot Ion: 83 Resp: 528848

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 72.697 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013546.D

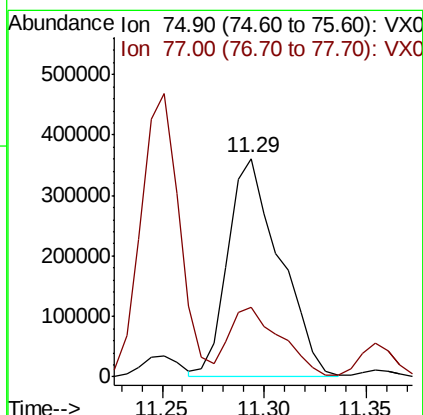
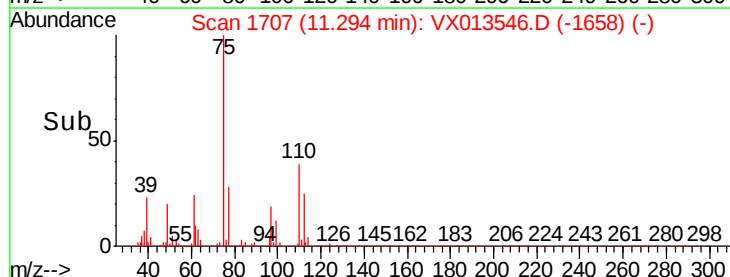
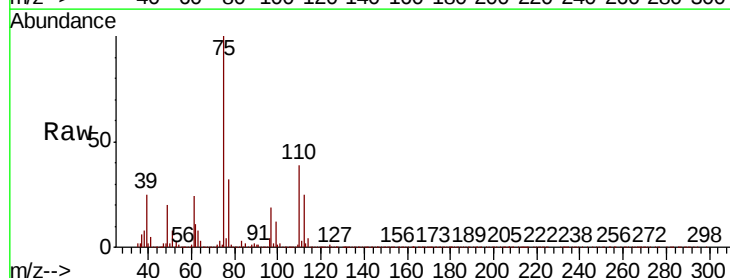
Acq: 22 Nov 2019 20:14

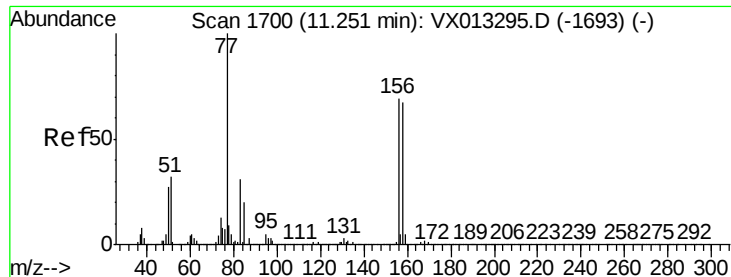
Tgt Ion: 75 Resp: 638361

Ion Ratio Lower Upper

75 100

77 31.2 22.3 66.8

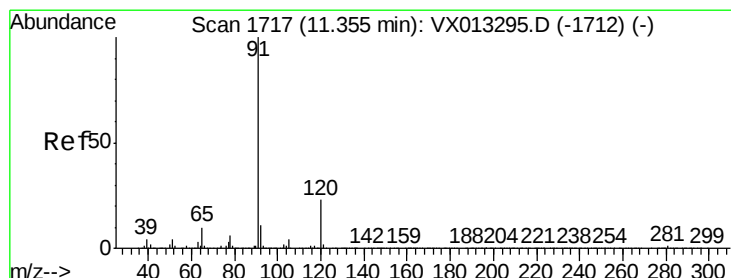
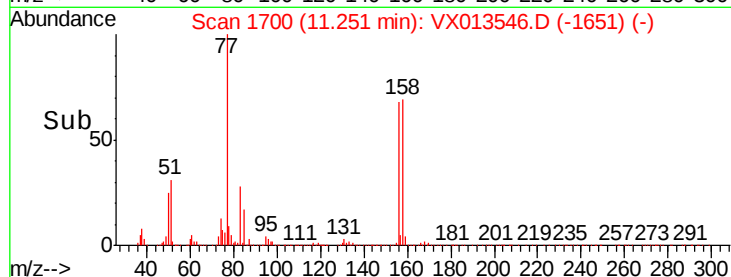
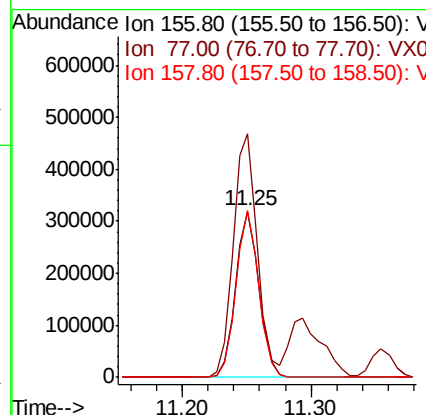
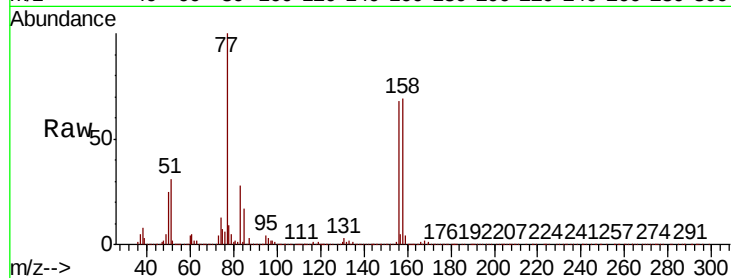




#77
Bromobenzene
Concen: 52.938 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

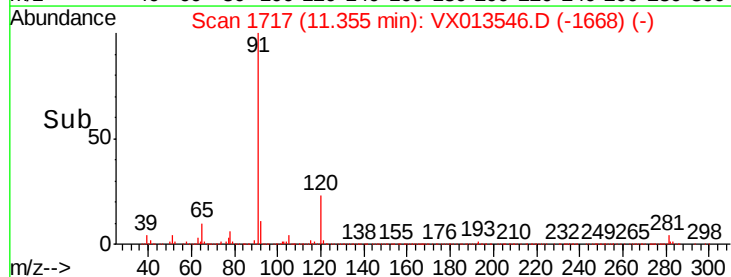
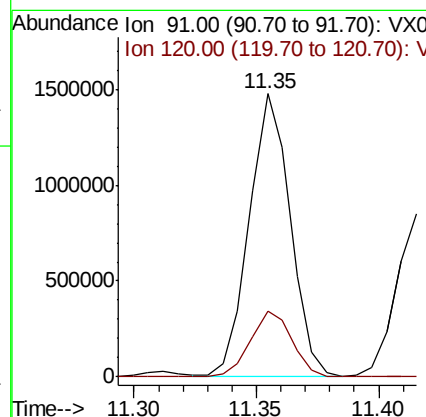
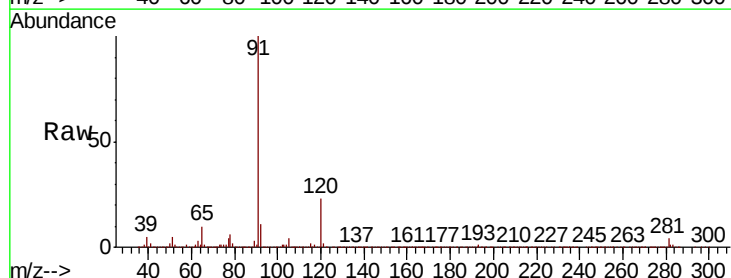
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

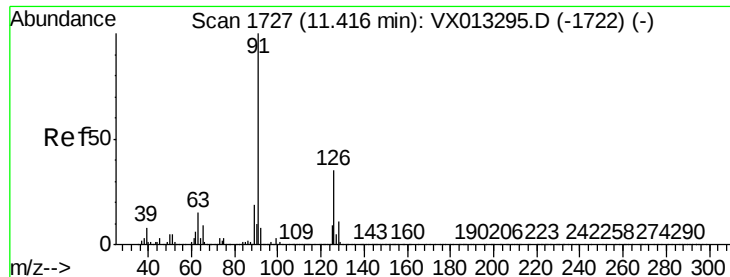
Tot Ion:156 Resp: 404521
Ion Ratio Lower Upper
156 100
77 151.8 75.8 227.4
158 98.5 47.6 142.8



#78
n-propylbenzene
Concen: 53.889 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 91 Resp: 1720678
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

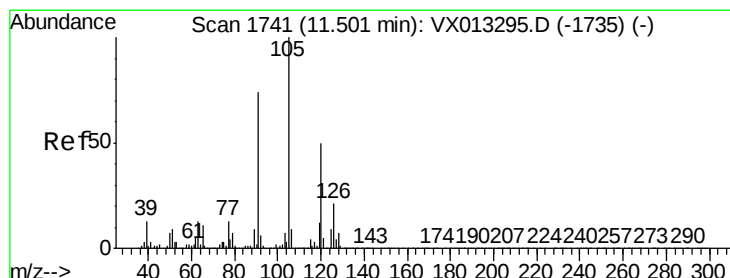
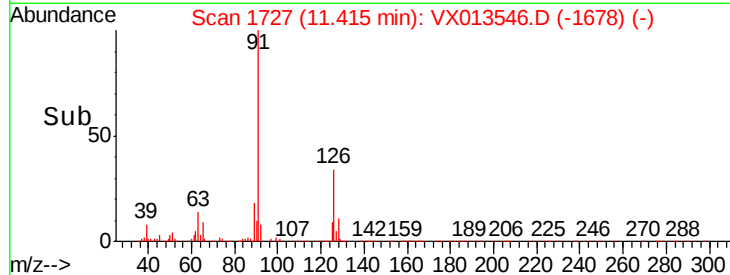
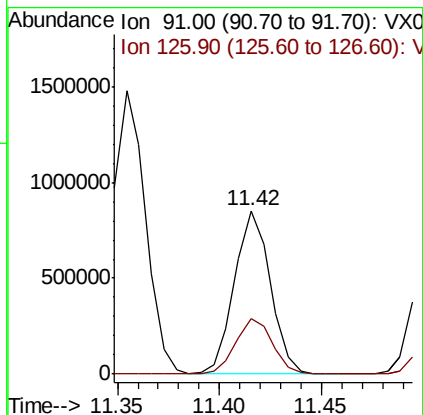
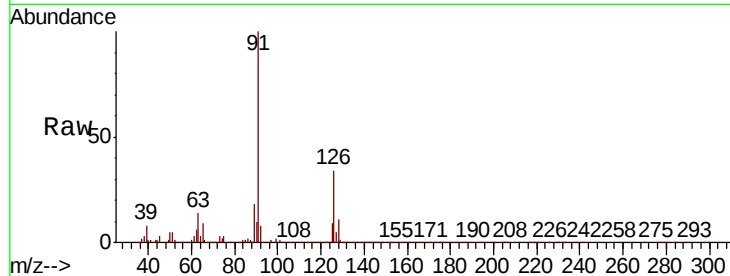




#79
 2-Chlorotoluene
 Concen: 53.886 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

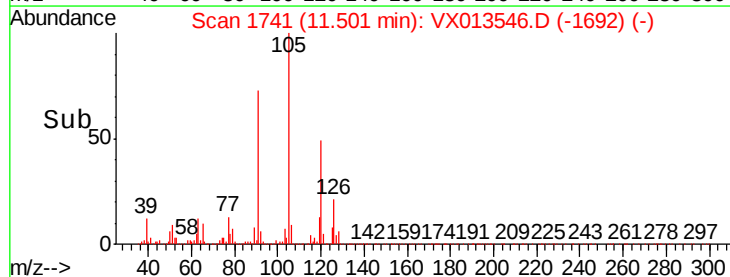
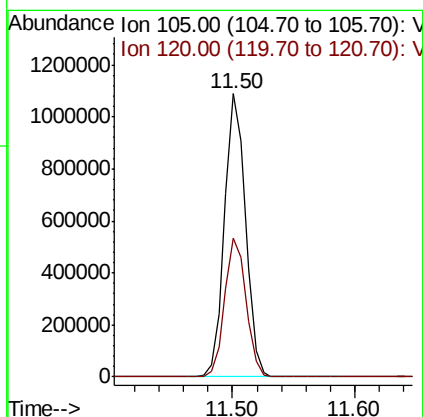
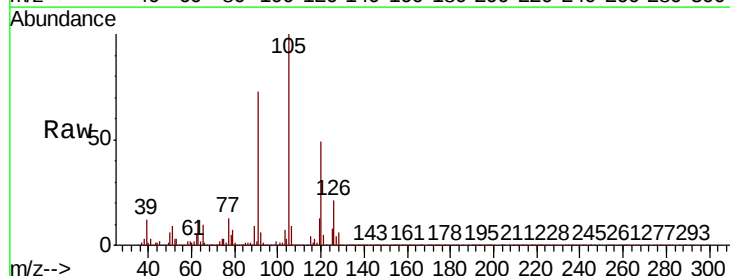
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

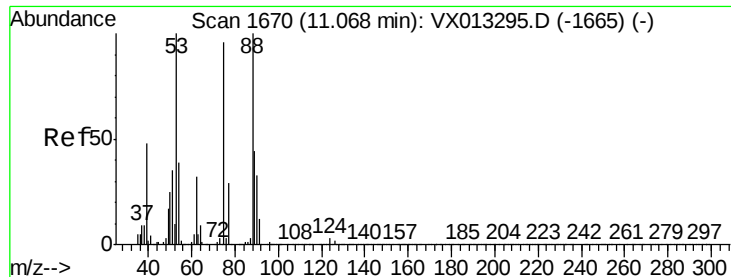
Tot Ion: 91 Resp: 1036640
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.252 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion: 105 Resp: 1295296
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.8

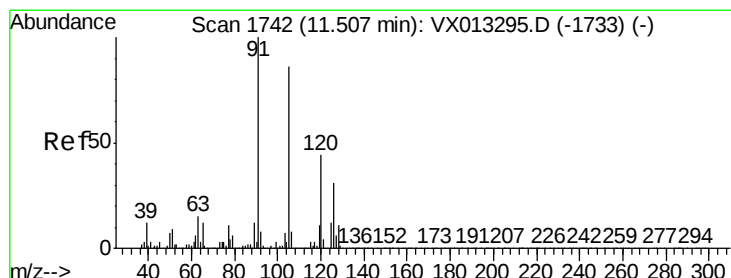
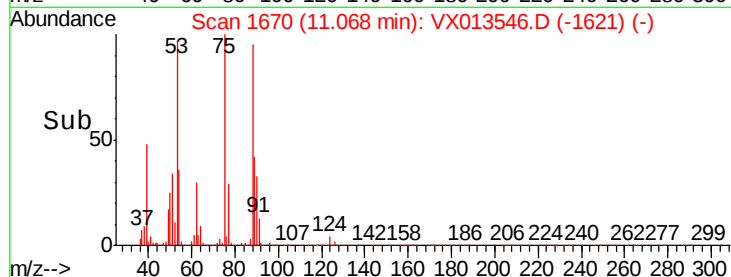
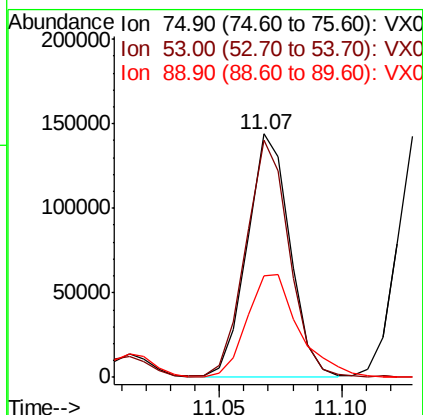
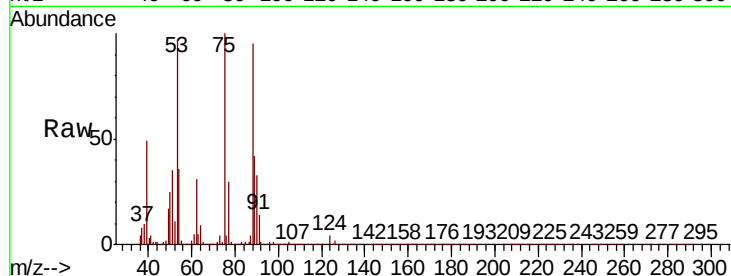




#81
trans-1,4-Dichloro-2-butene
Concen: 51.330 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

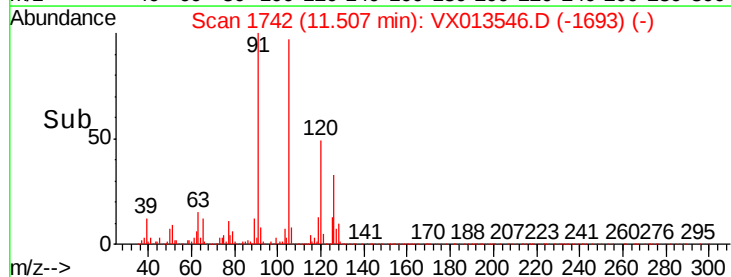
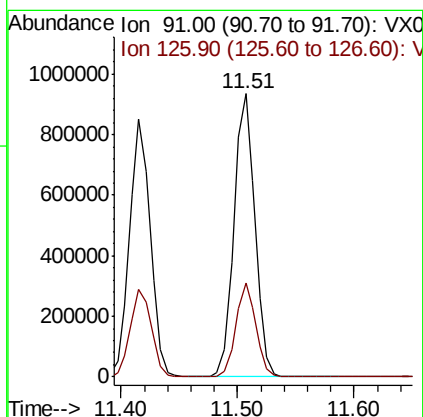
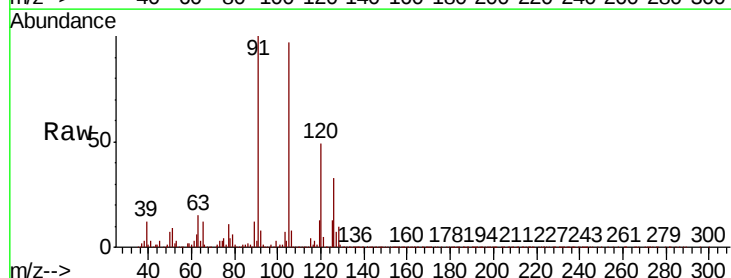
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

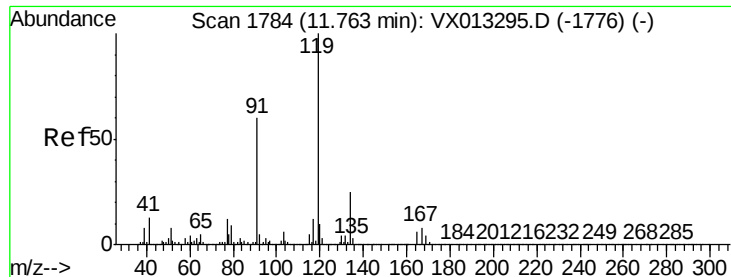
Tot Ion: 75 Resp: 175111
Ion Ratio Lower Upper
75 100
53 98.9 81.0 121.6
89 51.9 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.092 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 91 Resp: 1173084
Ion Ratio Lower Upper
91 100
126 31.5 15.3 45.8





#83

tert-Butylbenzene

Concen: 46.992 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

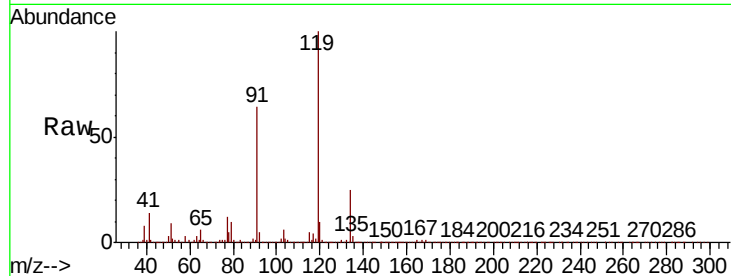
Tot Ion:119 Resp: 1129414

Ion Ratio Lower Upper

119 100

91 62.4 26.9 80.7

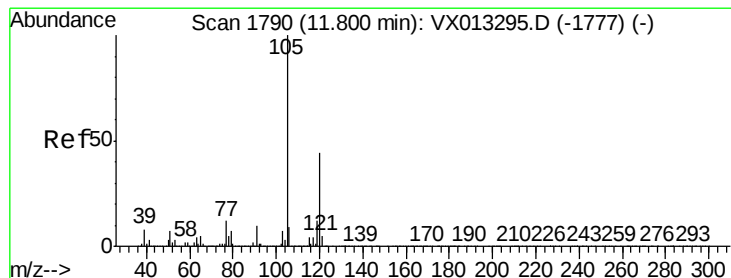
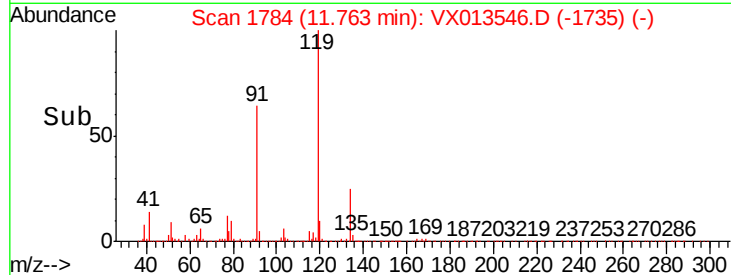
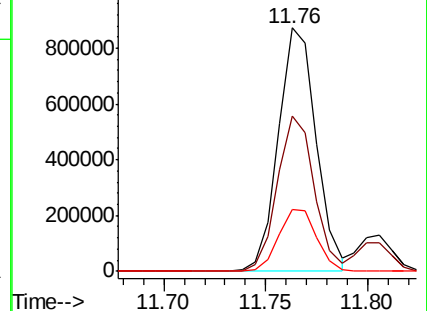
134 25.7 11.7 35.1



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: 54.710 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013546.D

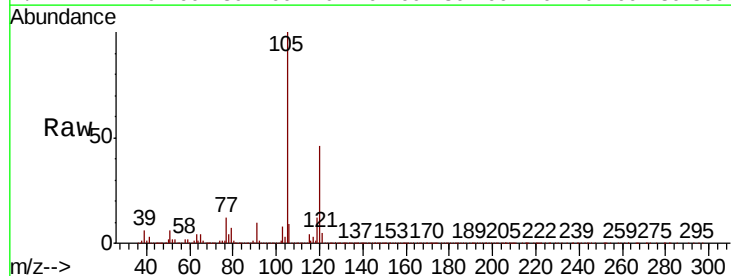
Acq: 22 Nov 2019 20:14

Tgt Ion:105 Resp: 1310344

Ion Ratio Lower Upper

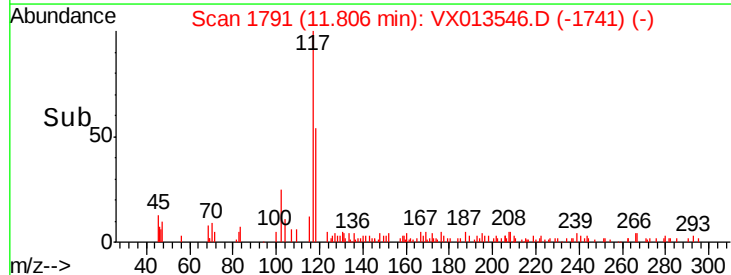
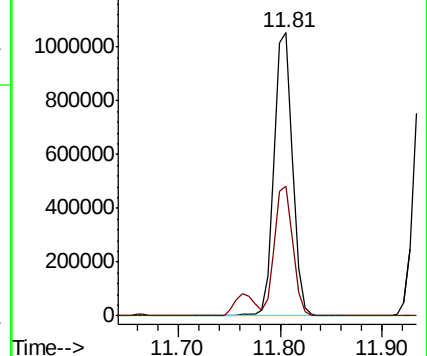
105 100

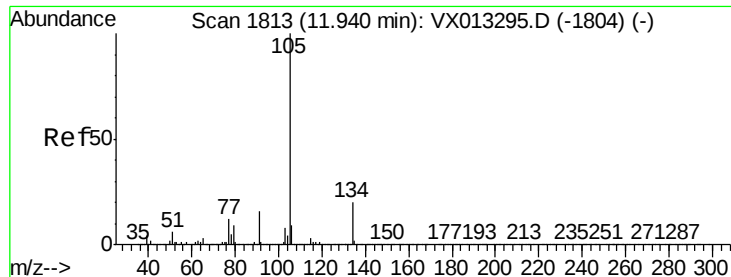
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

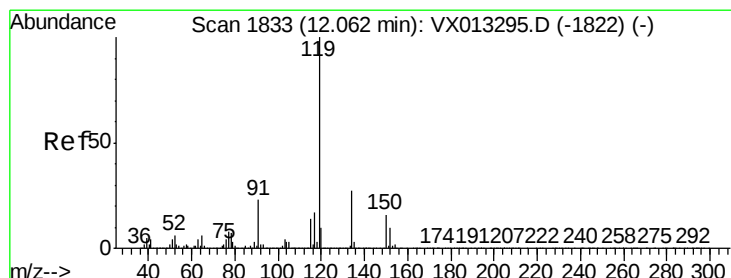
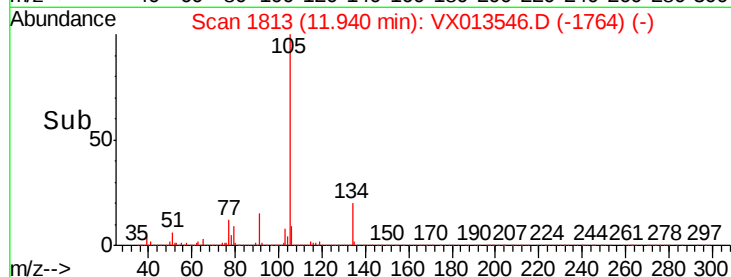
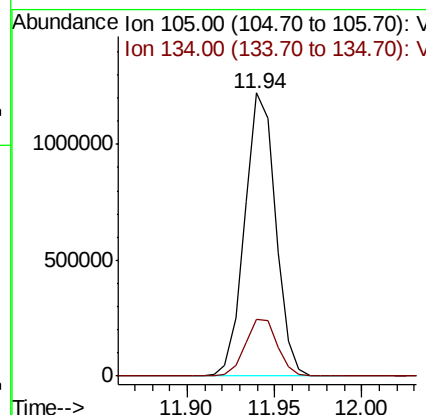
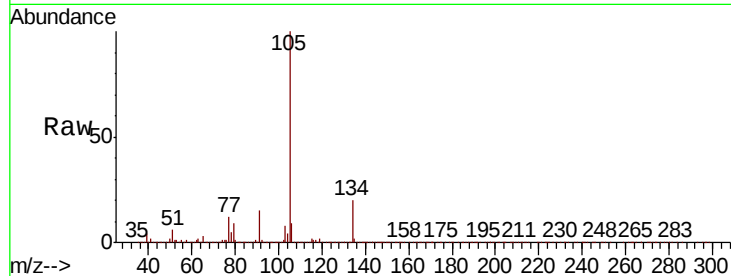




#85
 sec-Butylbenzene
 Concen: 54.343 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

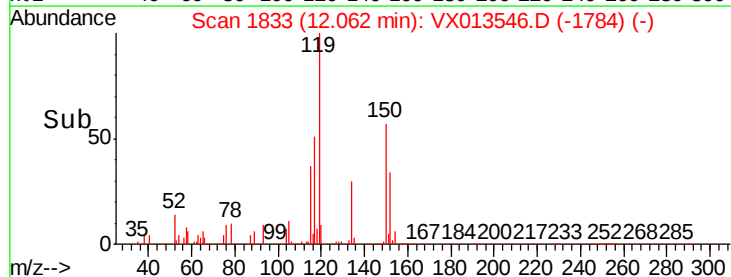
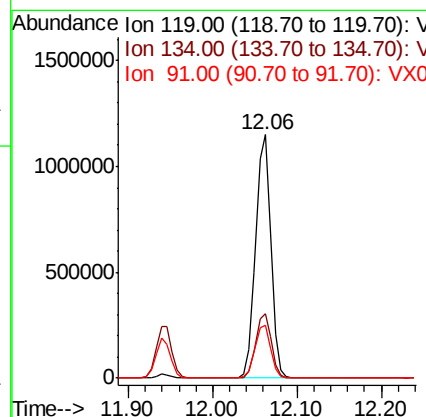
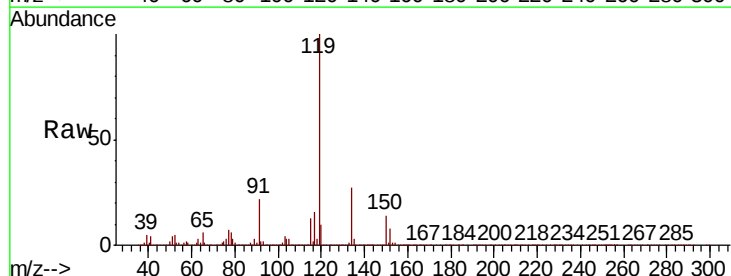
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

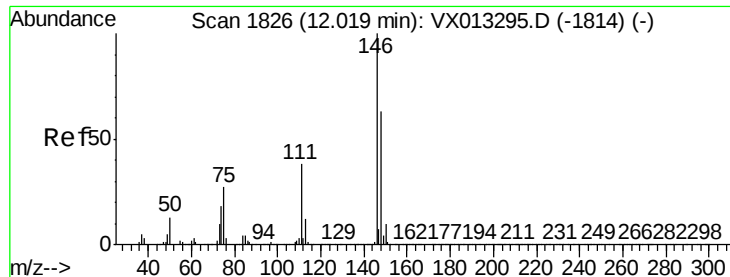
Tot Ion:105 Resp: 1501072
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 54.546 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion:119 Resp: 1387395
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.2 11.5 34.4

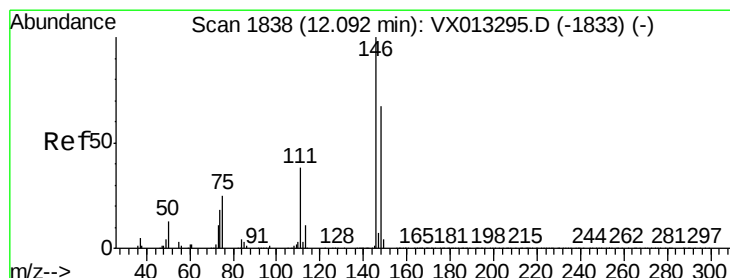
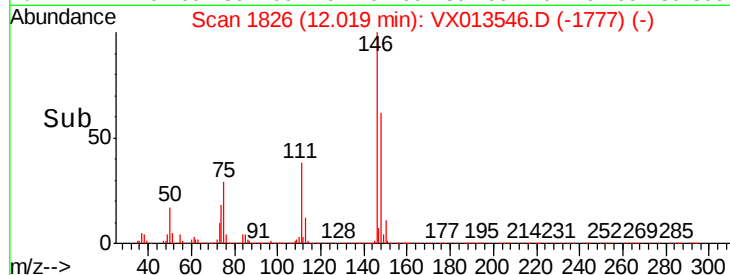
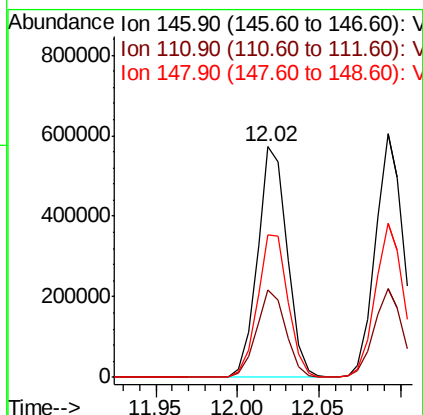
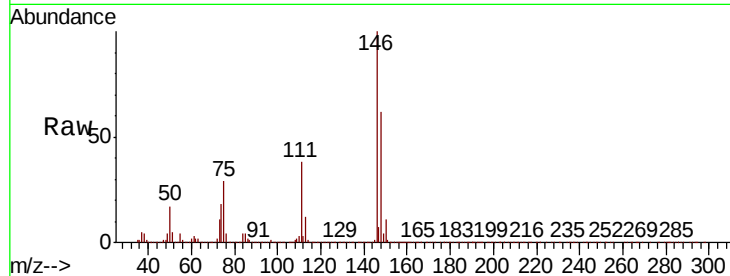




#87
 1,3-Dichlorobenzene
 Concen: 52.854 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

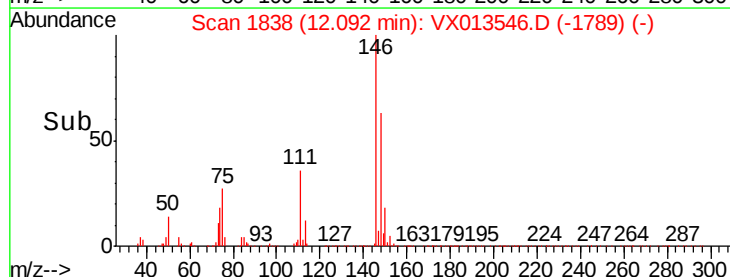
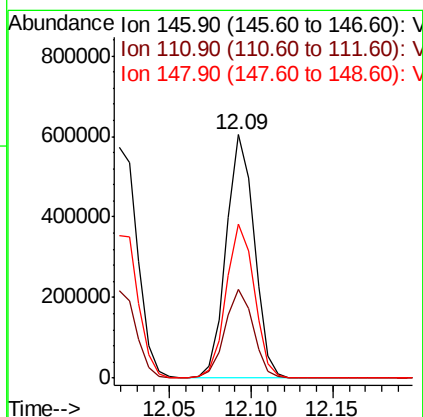
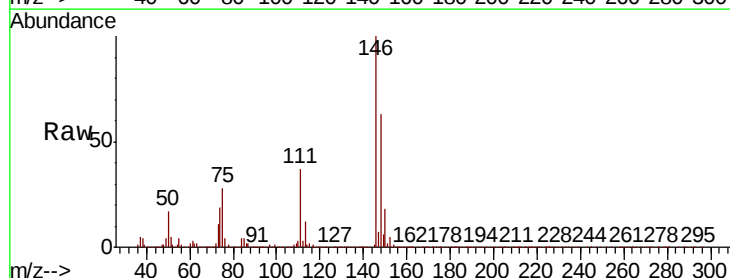
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

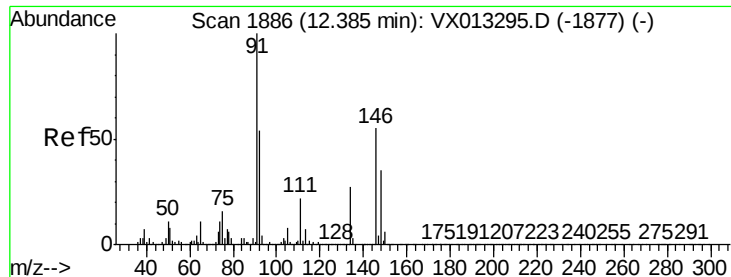
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	63.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.955 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.4
148	63.7	32.4	97.0





#89

n-Butylbenzene

Concen: 53.720 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

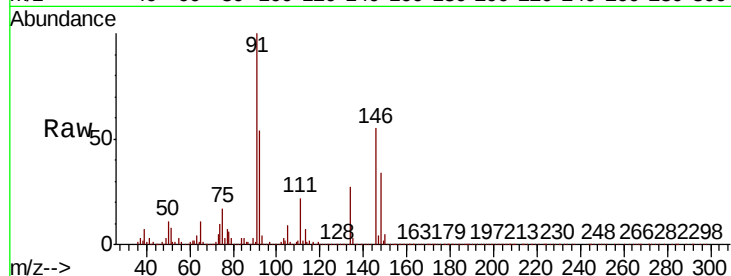
Tot Ion: 91 Resp: 1192274

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

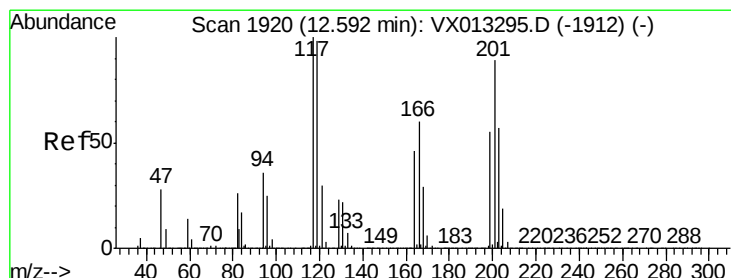
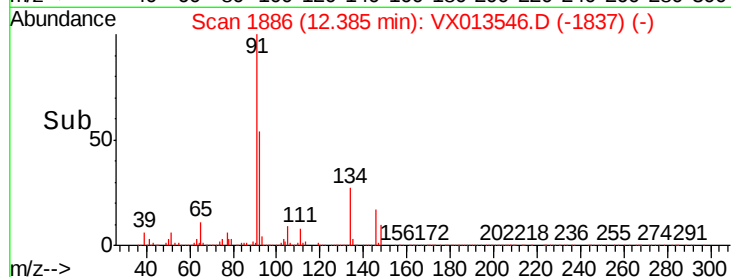
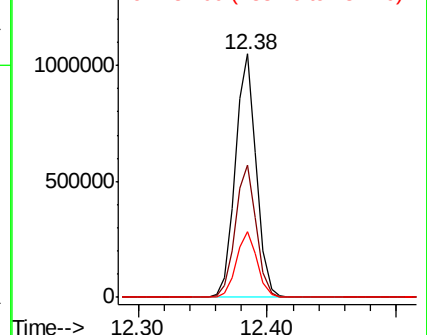
134 26.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.937 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013546.D

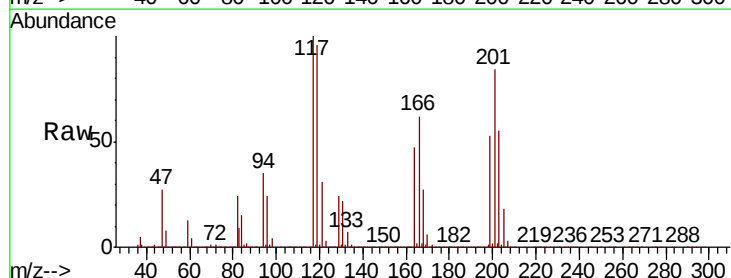
Acq: 22 Nov 2019 20:14

Tgt Ion: 117 Resp: 244434

Ion Ratio Lower Upper

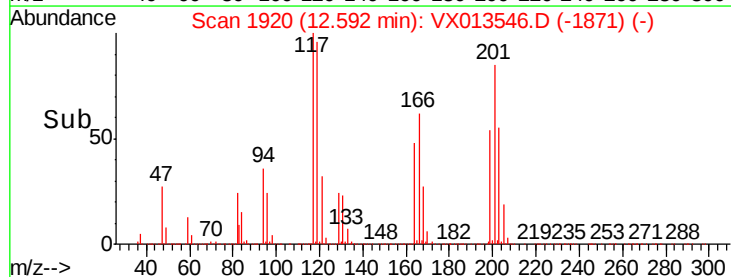
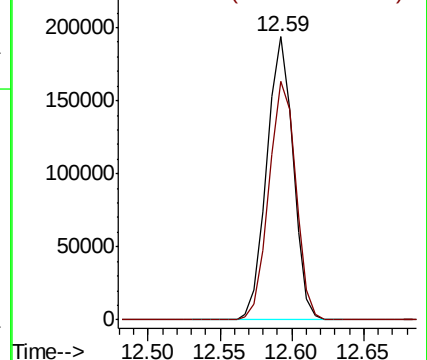
117 100

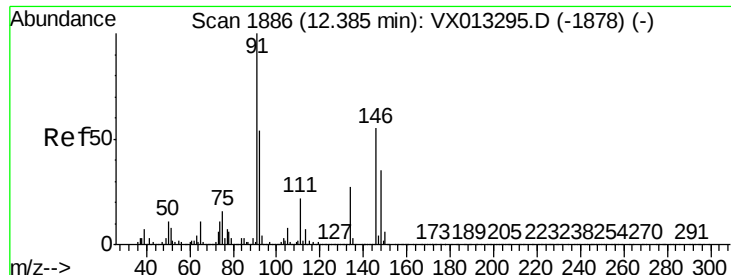
201 86.3 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 53.874 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

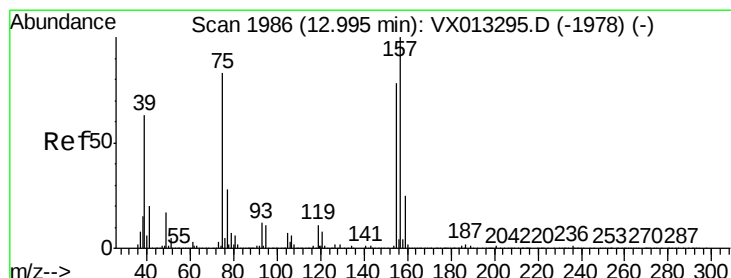
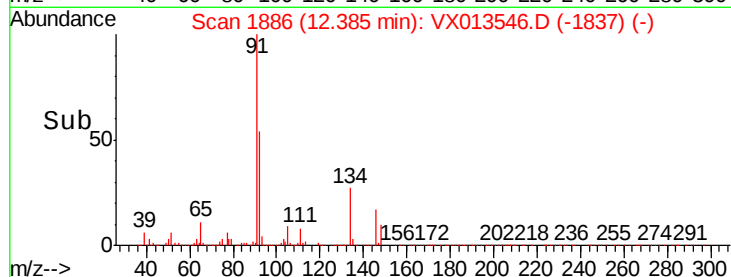
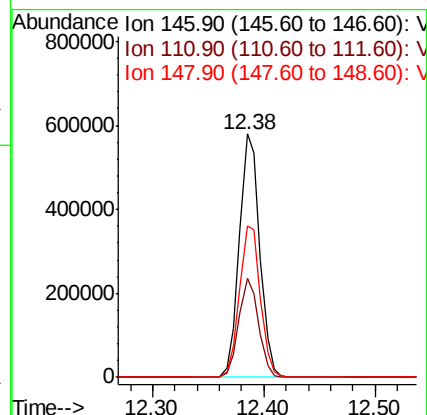
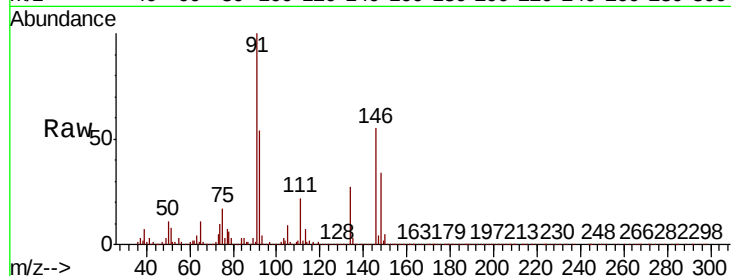
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	733517
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	63.8	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.309 ug/l

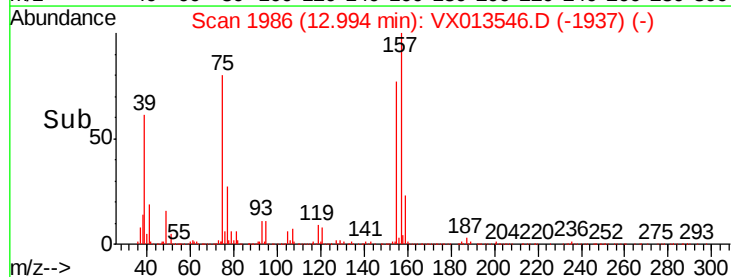
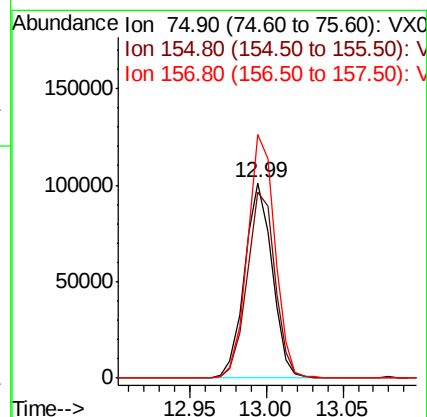
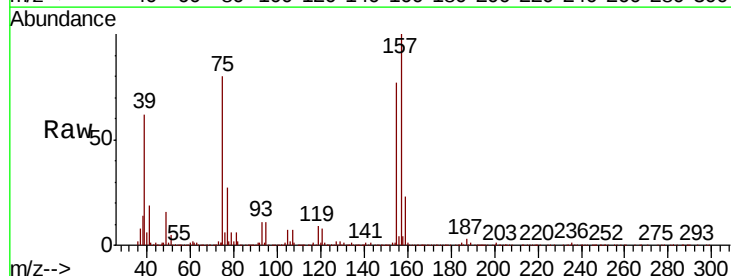
RT: 12.99 min Scan# 1986

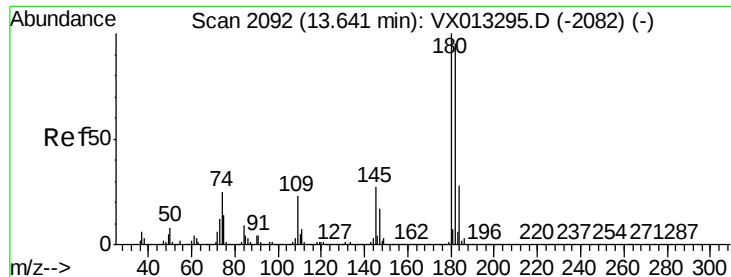
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	75	Resp:	125623
Ion	Ratio	Lower	Upper
75	100		
155	97.9	47.1	141.4
157	126.1	61.3	183.8

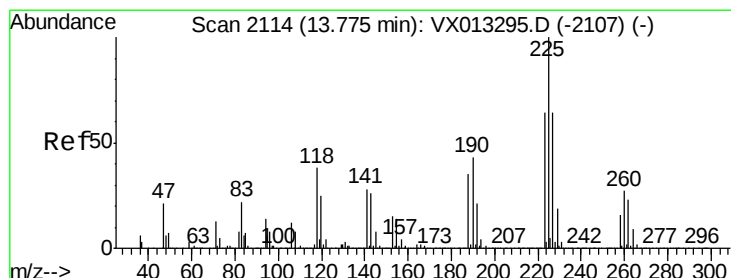
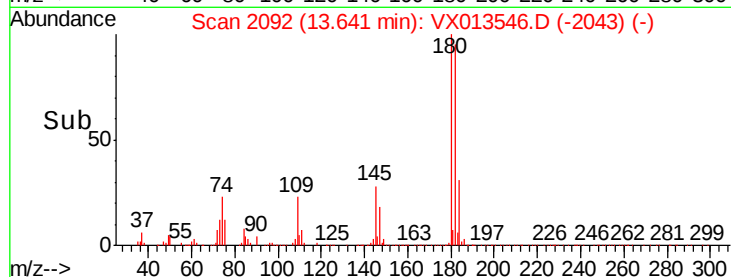
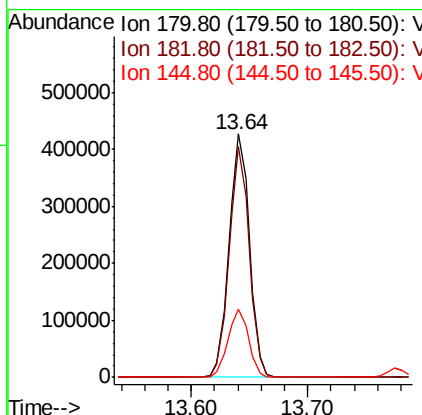
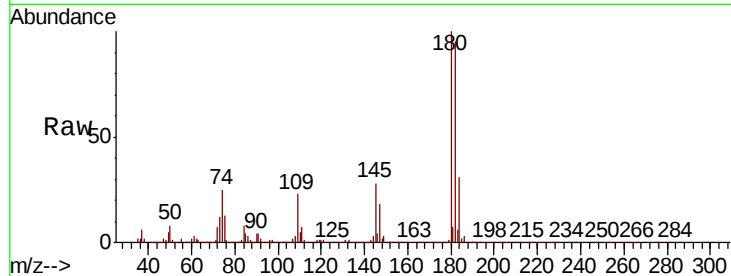




#93
 1,2,4-Trichlorobenzene
 Concen: 54.892 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

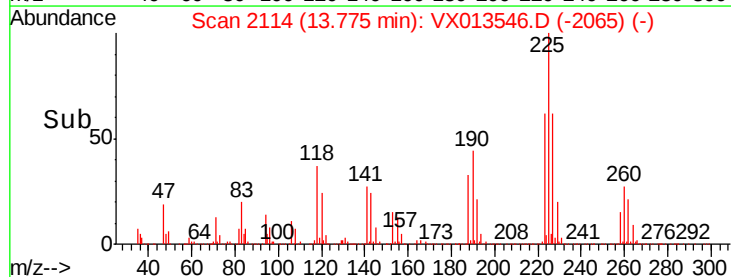
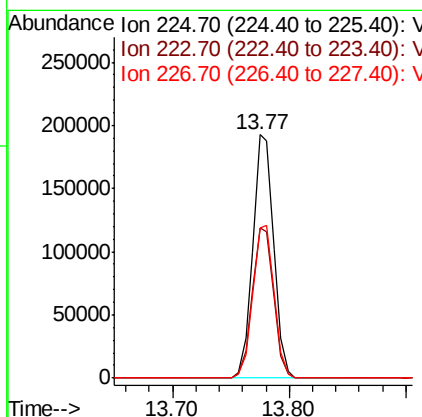
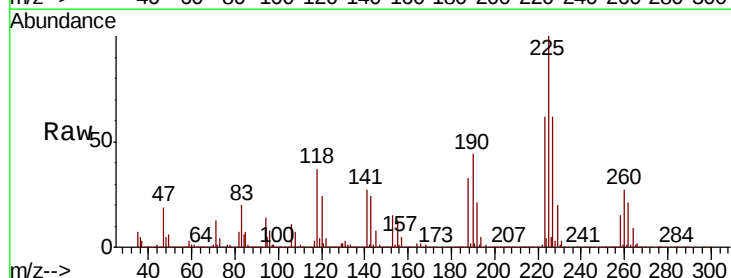
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

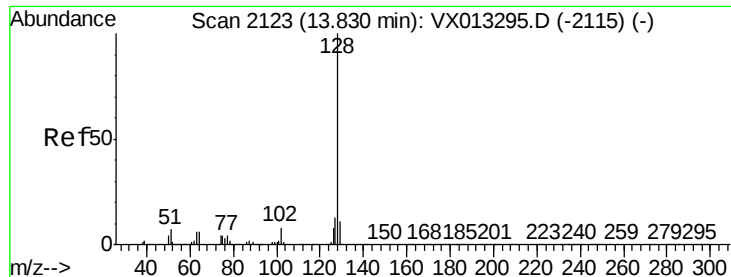
Tot Ion:180 Resp: 521332
 Ion Ratio Lower Upper
 180 100
 182 92.9 48.4 145.0
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.637 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion:225 Resp: 239928
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 63.9 31.9 95.9





#95

Naphthalene

Concen: 57.105 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

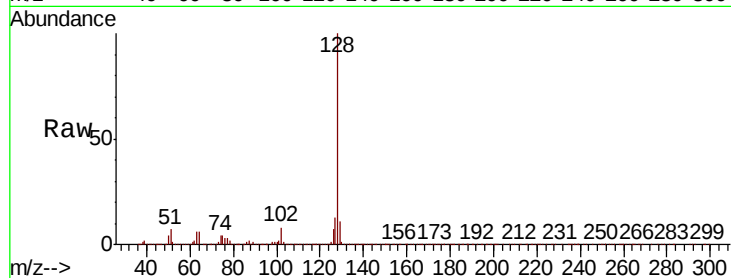
Tot Ion:128 Resp: 1701601

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

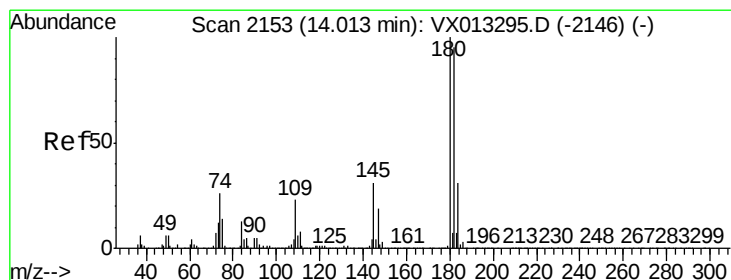
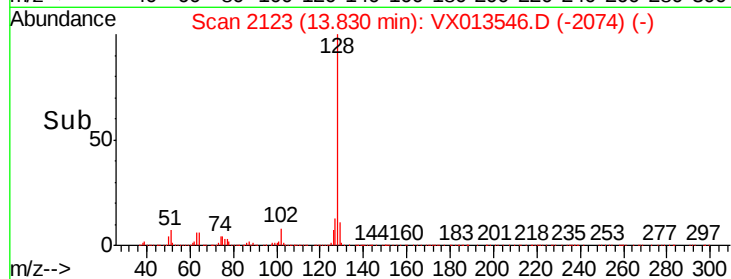
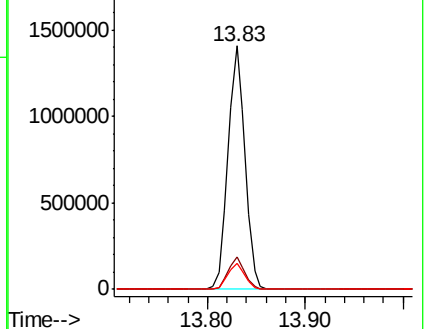
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.730 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

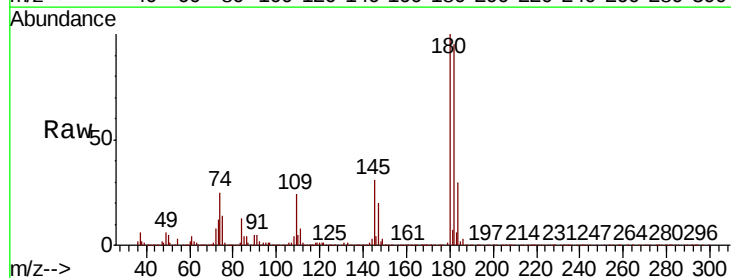
Tgt Ion:180 Resp: 521282

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 30.4 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

