

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014161.D
 Acq On : 20 Dec 2019 08:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 10:51:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	510081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	814611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	731644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363077	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	306948	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
35) Dibromofluoromethane	5.49	113	253388	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	973610	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	344574	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	203554	44.606	ug/l	99
3) Chloromethane	1.32	50	278625	45.497	ug/l	100
4) Vinyl Chloride	1.40	62	305401	47.261	ug/l	99
5) Bromomethane	1.63	94	167721	36.569	ug/l	100
6) Chloroethane	1.72	64	199427	50.004	ug/l	92
7) Trichlorofluoromethane	1.92	101	393698	49.216	ug/l	99
8) Diethyl Ether	2.18	74	183749	48.944	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	224502	46.558	ug/l	99
10) Methyl Iodide	2.50	142	237267	37.977	ug/l	99
11) Tert butyl alcohol	3.03	59	309520	247.783	ug/l	99
12) 1,1-Dichloroethene	2.36	96	240405	48.996	ug/l	98
13) Acrolein	2.28	56	171887	240.383	ug/l	99
14) Allyl chloride	2.72	41	420515	48.000	ug/l	100
15) Acrylonitrile	3.13	53	748112	256.588	ug/l	99
16) Acetone	2.43	43	641415	170.901	ug/l	98
17) Carbon Disulfide	2.56	76	628340	46.186	ug/l	99
18) Methyl Acetate	2.76	43	388848	52.285	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	838425	52.000	ug/l	97
20) Methylene Chloride	2.85	84	281410	47.614	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	260921	48.269	ug/l	99
22) Diisopropyl ether	3.84	45	905567	51.872	ug/l	96
23) Vinyl Acetate	3.80	43	3406222	239.090	ug/l	100
24) 1,1-Dichloroethane	3.69	63	482450	49.671	ug/l	99
25) 2-Butanone	4.65	43	1057923	228.632	ug/l	100
26) 2,2-Dichloropropane	4.58	77	253388	33.600	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	305122	49.910	ug/l	96
28) Bromochloromethane	5.00	49	195904	52.423	ug/l	100
29) Tetrahydrofuran	5.11	42	678292	262.080	ug/l	99
30) Chloroform	5.20	83	474566	51.541	ug/l	96
31) Cyclohexane	5.57	56	422214	48.875	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	397255	50.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351184	46.984	ug/l	99
37) Ethyl Acetate	4.82	43	416011	50.401	ug/l	100
38) Carbon Tetrachloride	5.78	117	333675	49.004	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	402557	43.618	ug/l	99
40) Benzene	6.14	78	1109174	48.229	ug/l	99
41) Methacrylonitrile	5.03	41	229803	50.178	ug/l	98
42) 1,2-Dichloroethane	6.18	62	379049	48.622	ug/l	99
43) Isopropyl Acetate	6.43	43	688943	50.436	ug/l	100
44) Trichloroethene	7.21	130	301125	47.404	ug/l	97
45) 1,2-Dichloropropane	7.51	63	289220	49.065	ug/l	98
46) Dibromomethane	7.65	93	184427	47.322	ug/l	98
47) Bromodichloromethane	7.89	83	368923	50.263	ug/l	96
48) Methyl methacrylate	7.76	41	336980	50.379	ug/l	99
49) 1,4-Dioxane	7.73	88	142700	1048.335	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2124385	247.636	ug/l	100
52) Toluene	8.78	92	688435	47.359	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	383616	47.665	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	432720	48.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283637	48.684	ug/l	99
56) Ethyl methacrylate	9.17	69	465888	50.907	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482583	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908976	262.455	ug/l	99
59) 2-Hexanone	9.48	43	1608514	232.920	ug/l	100
60) Dibromochloromethane	9.57	129	296462	51.192	ug/l	100
61) 1,2-Dibromoethane	9.67	107	298295	50.041	ug/l	100
64) Tetrachloroethene	9.33	164	372425	57.525	ug/l	97
65) Chlorobenzene	10.14	112	750248	48.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	279328	50.288	ug/l	99
67) Ethyl Benzene	10.25	91	1310083	48.984	ug/l	100
68) m/p-Xylenes	10.35	106	995442	96.770	ug/l	100
69) o-Xylene	10.70	106	488367	48.408	ug/l	99
70) Styrene	10.71	104	832922	48.824	ug/l	99
71) Bromoform	10.85	173	228457	51.167	ug/l	99
73) Isopropylbenzene	11.01	105	1280054	50.074	ug/l	100
74) N-amyl acetate	10.89	43	605714	50.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427777	48.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	482420	61.203	ug/l	87
77) Bromobenzene	11.25	156	337361	47.965	ug/l	98
78) n-propylbenzene	11.35	91	1431911	49.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	846924	48.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059483	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124748	44.670	ug/l	98
82) 4-Chlorotoluene	11.51	91	973784	48.163	ug/l	100
83) tert-Butylbenzene	11.76	119	967966	46.232	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1072279	49.769	ug/l	100
85) sec-Butylbenzene	11.94	105	1217892	49.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	1111962	49.182	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	585643	47.510	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	583816	46.579	ug/l	100
89) n-Butylbenzene	12.38	91	921900	47.788	ug/l	99
90) Hexachloroethane	12.59	117	197715	48.686	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	594082	47.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94574	48.221	ug/l	99

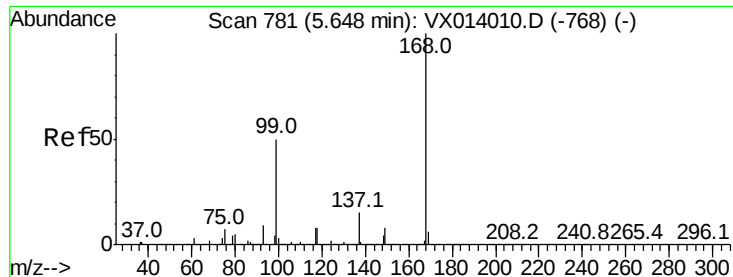
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	392481	48.663	ug/l	99
94) Hexachlorobutadiene	13.77	225	177090	45.687	ug/l	99
95) Naphthalene	13.83	128	1274013	53.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	390290	49.021	ug/l	98

(#) = 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: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

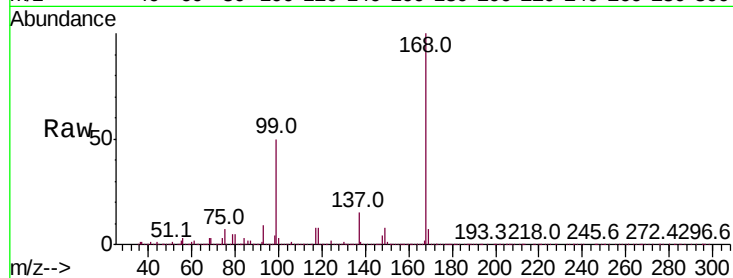
VSTDCCC050EC

Tot Ion:168 Resp: 510081

Ion Ratio Lower Upper

168 100

99 49.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

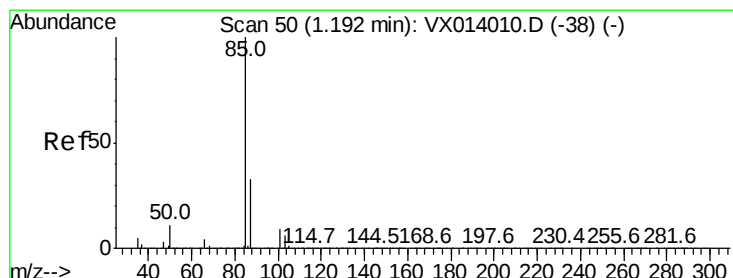
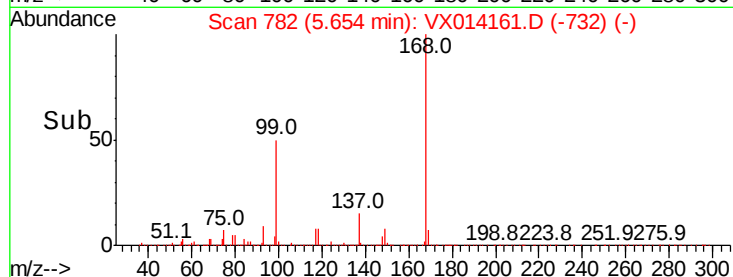
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.606 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014161.D

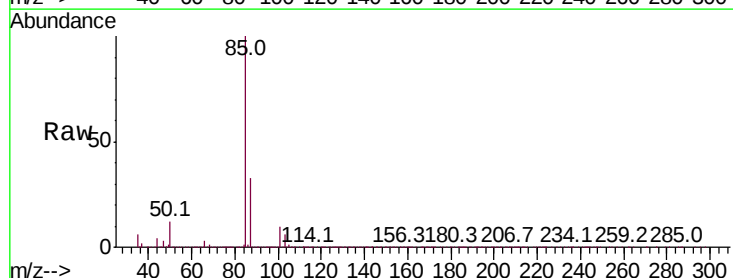
Acq: 20 Dec 2019 08:22

Tgt Ion: 85 Resp: 203554

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

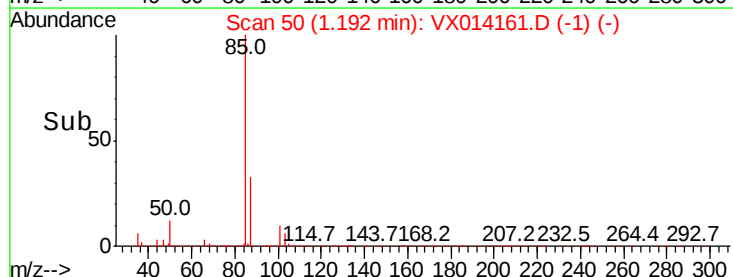
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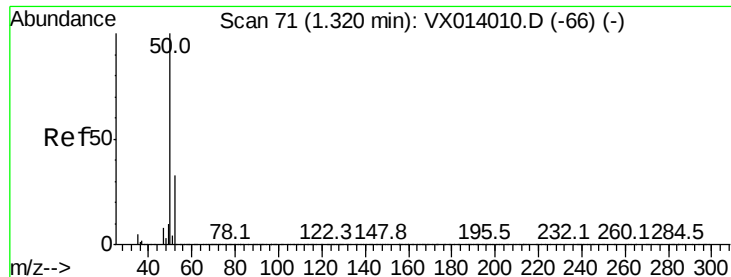
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.497 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

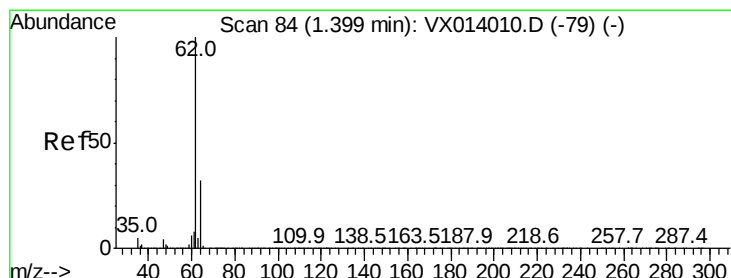
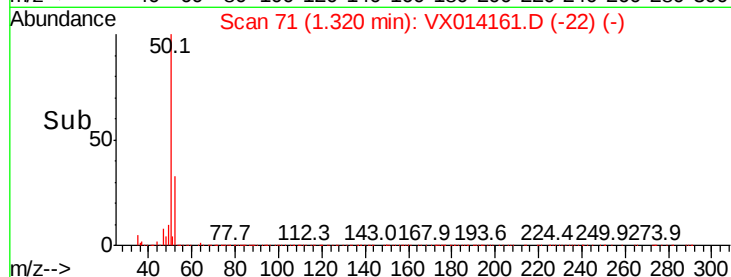
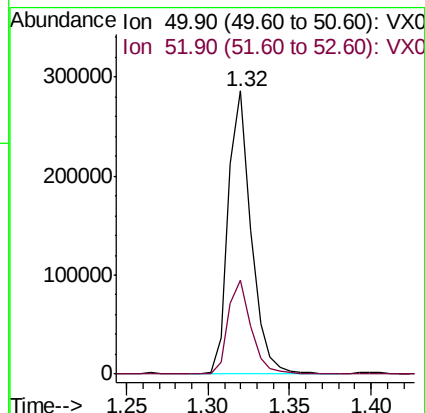
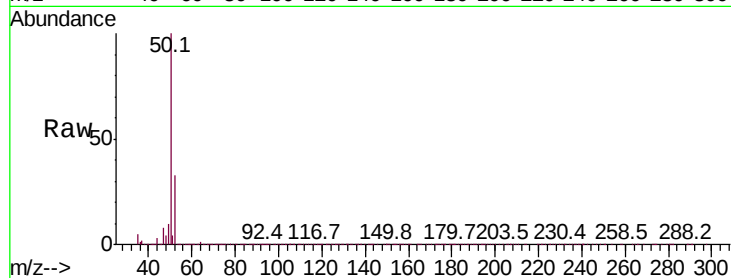
VSTDCCC050EC

Tot Ion: 50 Resp: 278625

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 47.261 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014161.D

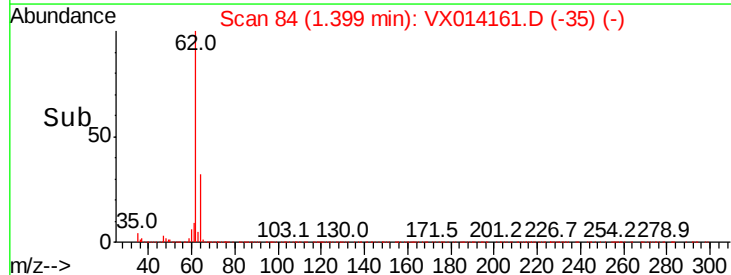
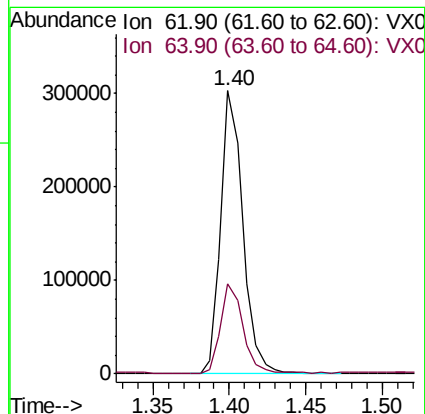
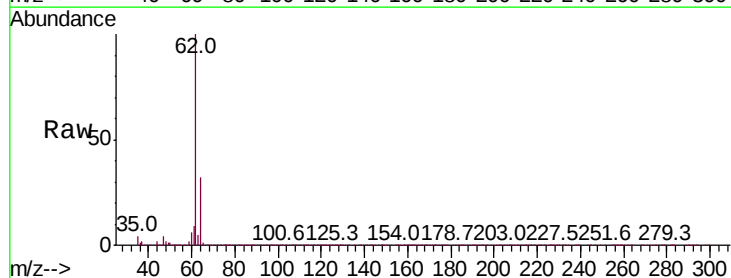
Acq: 20 Dec 2019 08:22

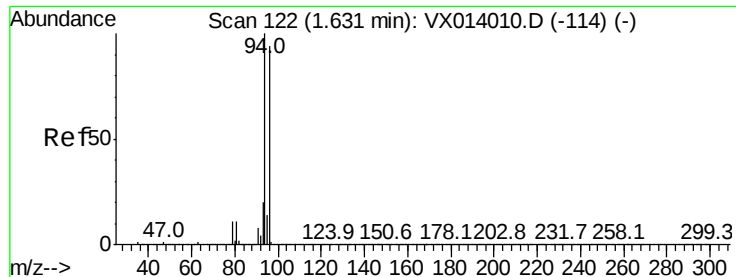
Tgt Ion: 62 Resp: 305401

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 36.569 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

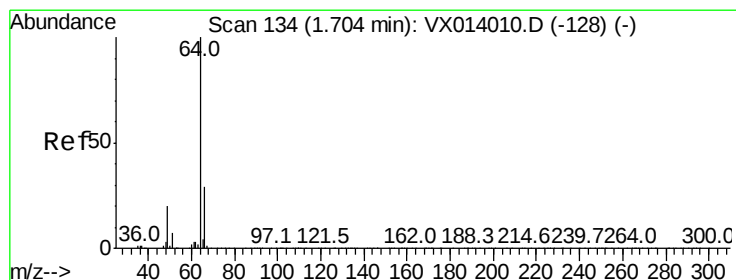
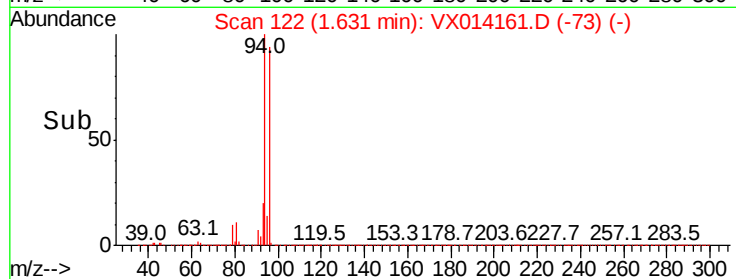
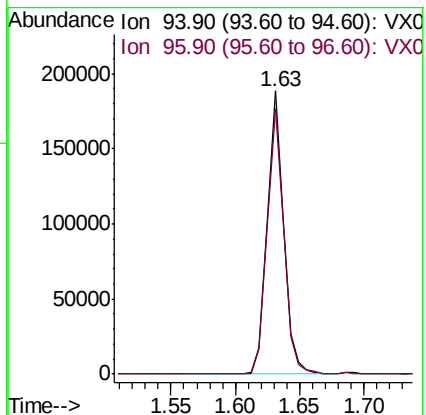
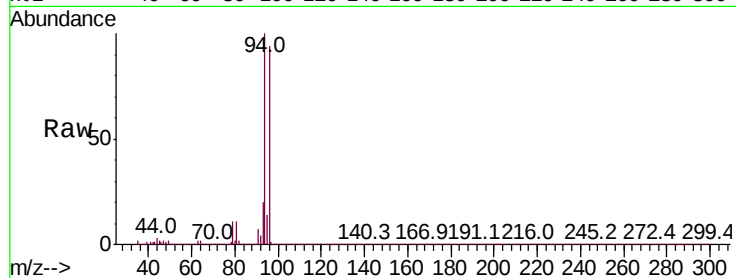
VSTDCCC050EC

Tot Ion: 94 Resp: 167721

Ion Ratio Lower Upper

94 100

96 93.6 75.2 112.8



#6

Chloroethane

Concen: 50.004 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014161.D

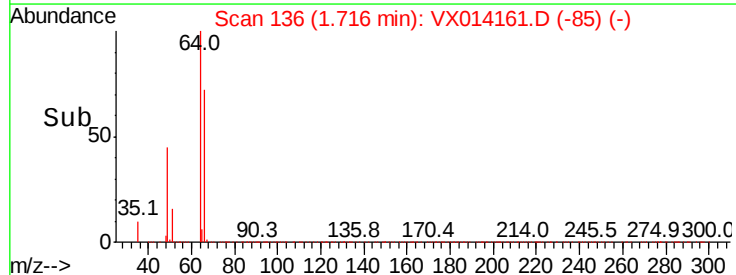
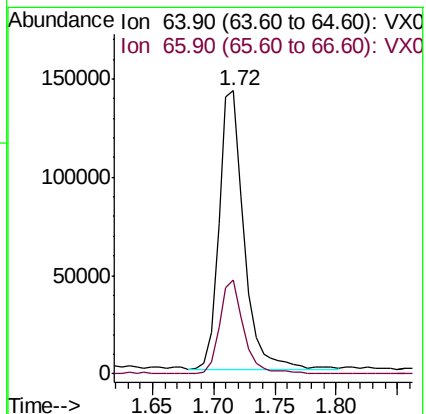
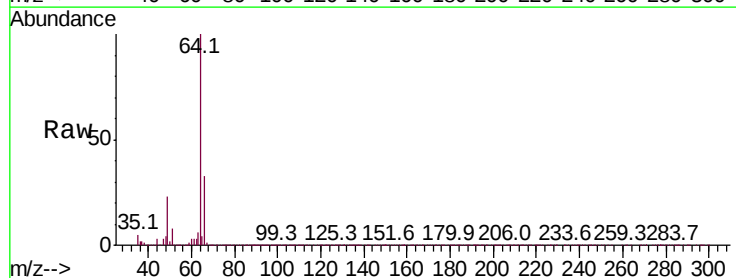
Acq: 20 Dec 2019 08:22

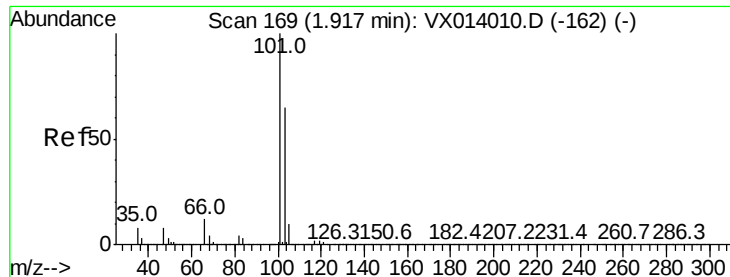
Tgt Ion: 64 Resp: 199427

Ion Ratio Lower Upper

64 100

66 33.5 23.4 35.2



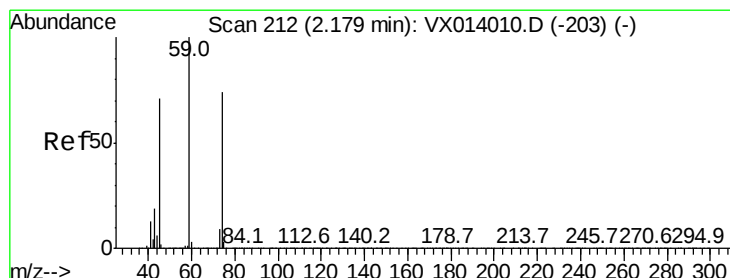
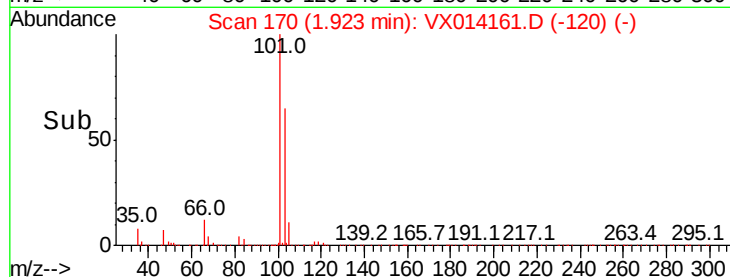
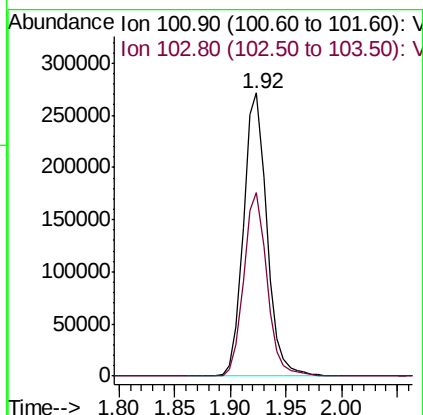
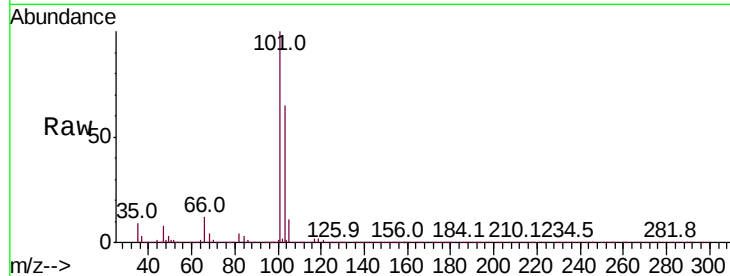


#7

Trichlorofluoromethane
Concen: 49.216 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
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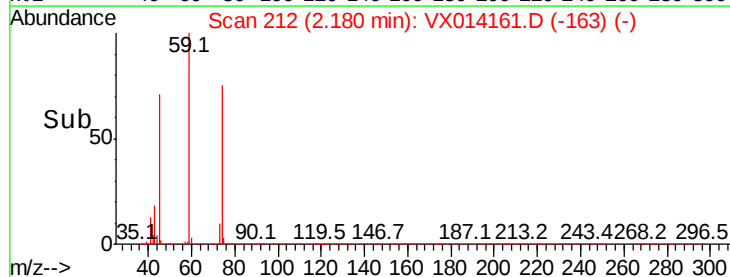
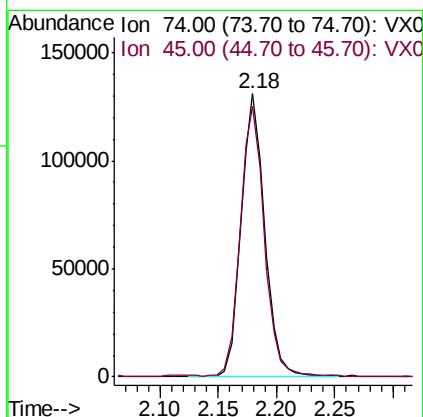
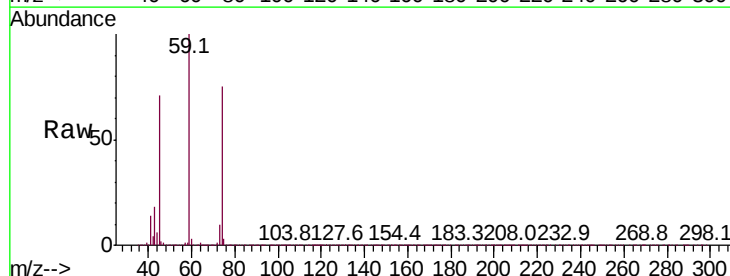
Tot Ion:101 Resp: 393698
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

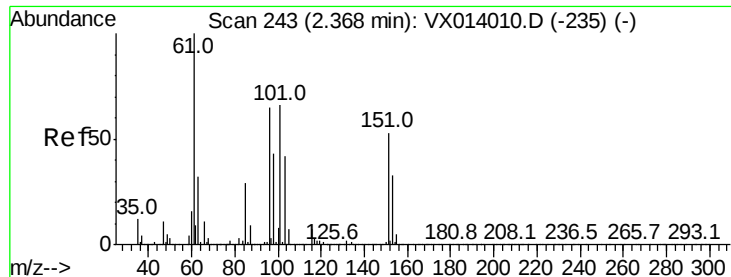


#8

Diethyl Ether
Concen: 48.944 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 74 Resp: 183749
Ion Ratio Lower Upper
74 100
45 97.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.558 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

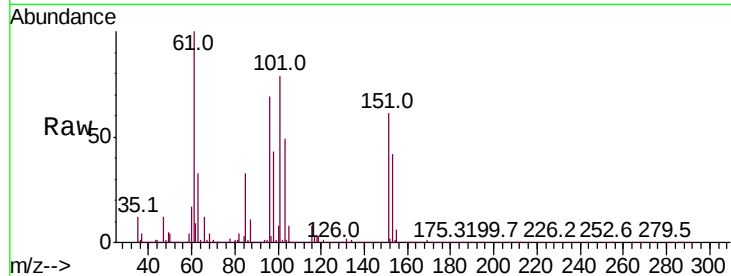
Tot Ion:101 Resp: 224502

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

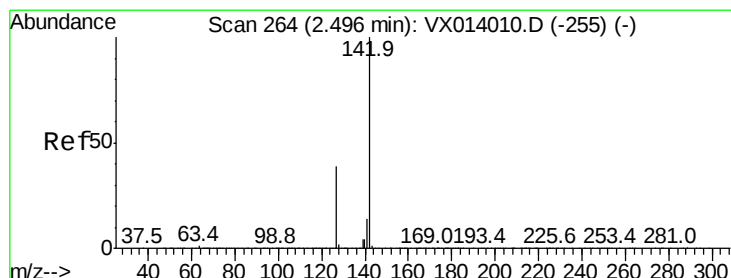
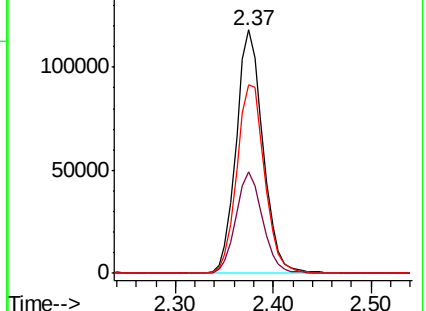
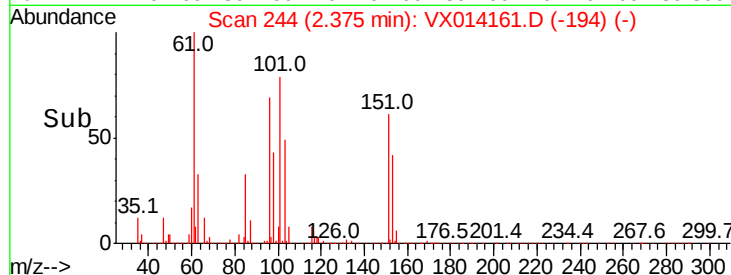
151 80.3 64.5 96.7



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: 37.977 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

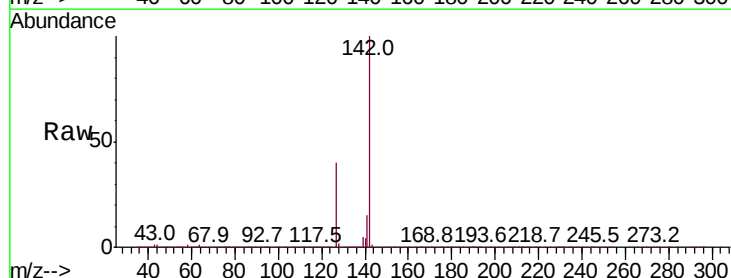
Tgt Ion:142 Resp: 237267

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

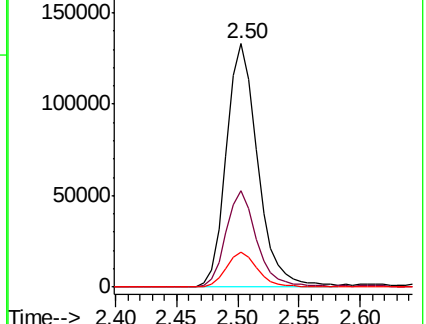
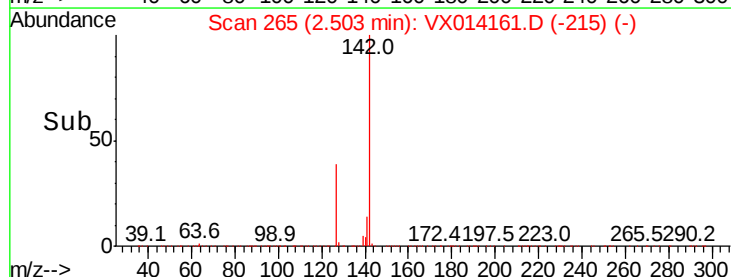
141 14.7 11.6 17.4

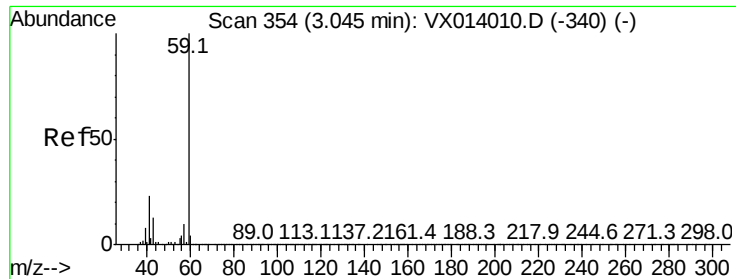


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



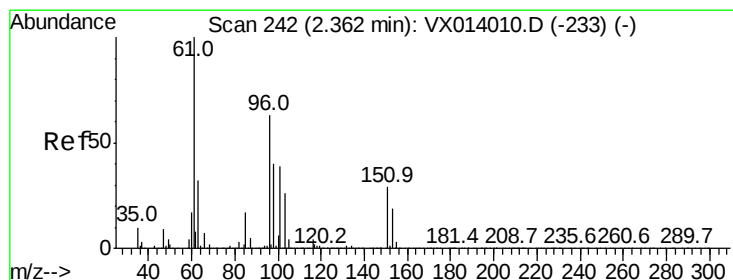
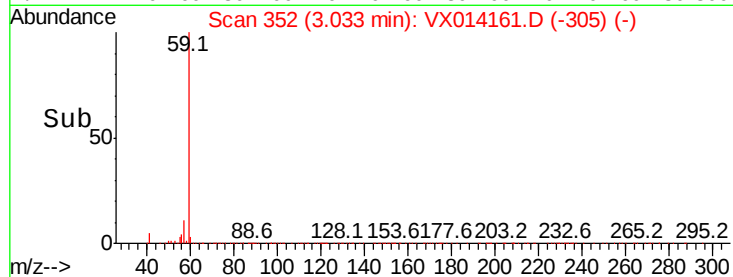
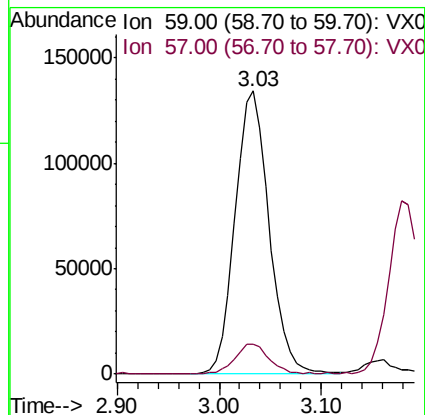
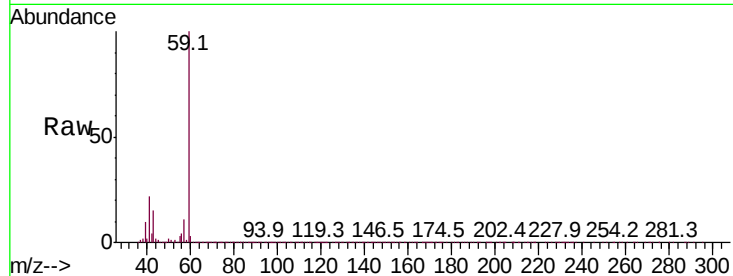


#11

Tert butyl alcohol
 Concen: 247.783 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

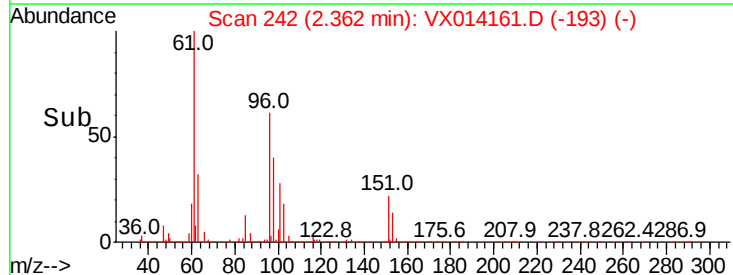
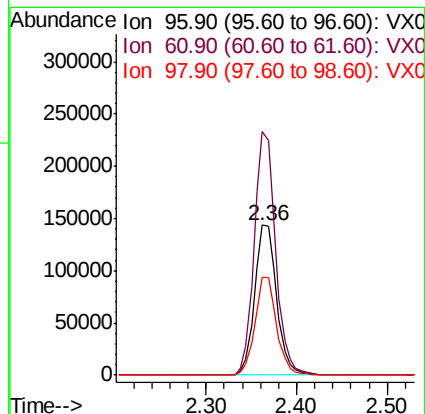
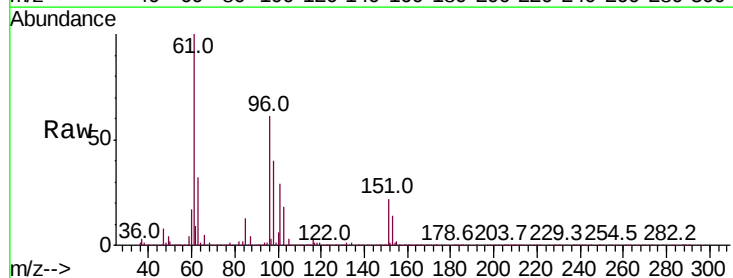
Tot Ion: 59 Resp: 309520
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

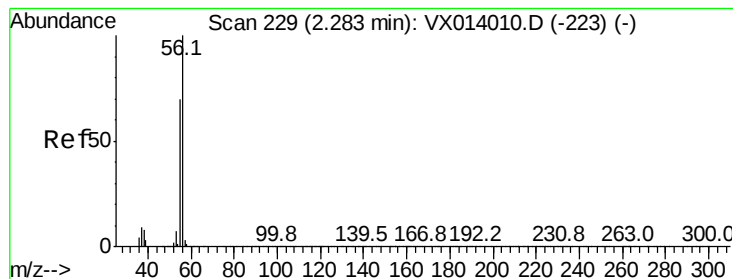


#12

1,1-Dichloroethene
 Concen: 48.996 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion: 96 Resp: 240405
 Ion Ratio Lower Upper
 96 100
 61 162.7 127.9 191.9
 98 65.0 50.5 75.7





#13

Acrolein

Concen: 240.383 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

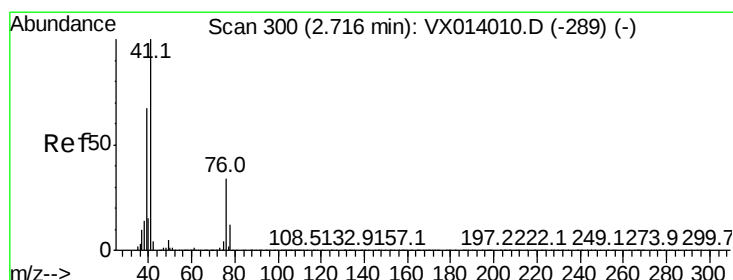
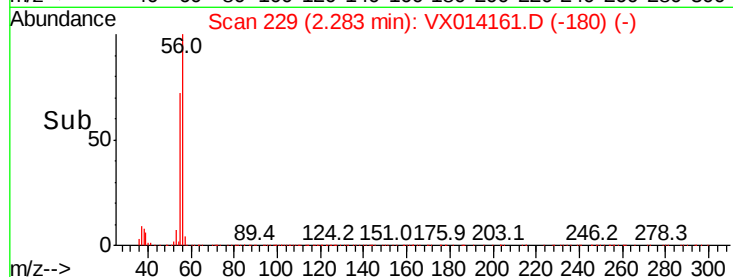
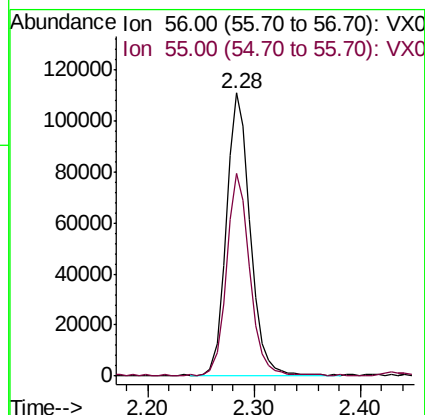
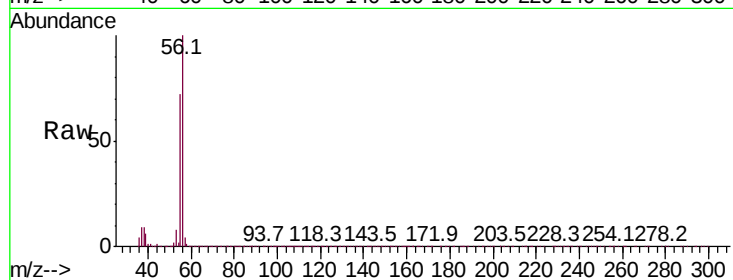
VSTDCCC050EC

Tot Ion: 56 Resp: 171887

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 48.000 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

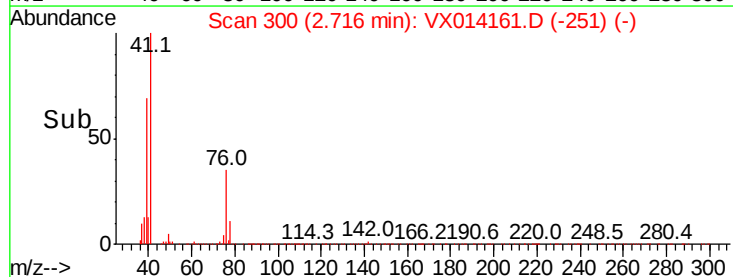
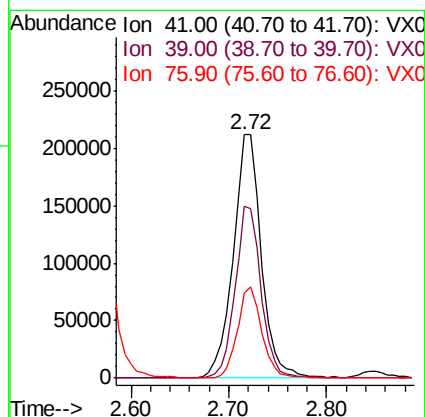
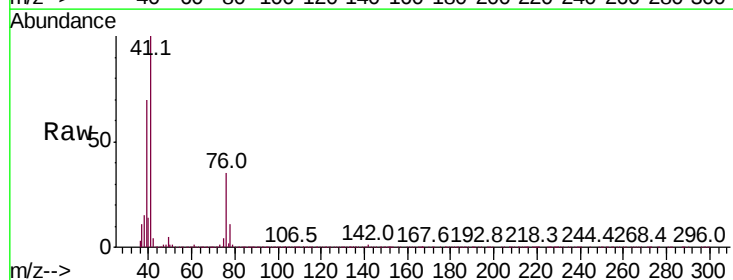
Tgt Ion: 41 Resp: 420515

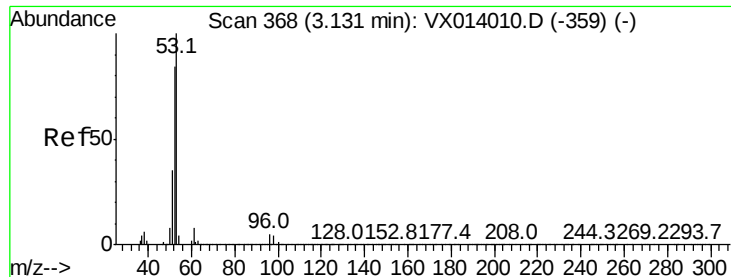
Ion Ratio Lower Upper

41 100

39 64.8 51.8 77.8

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 256.588 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

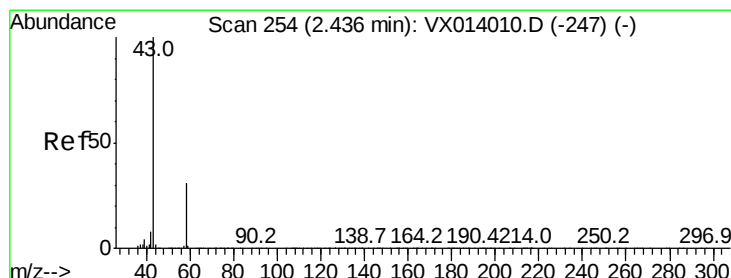
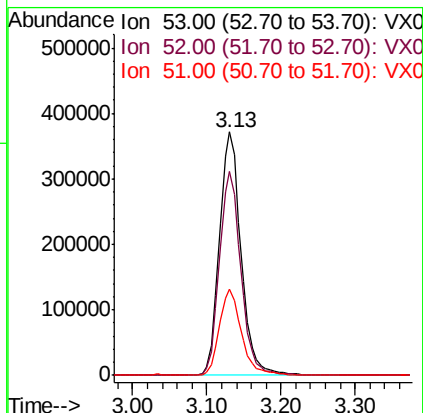
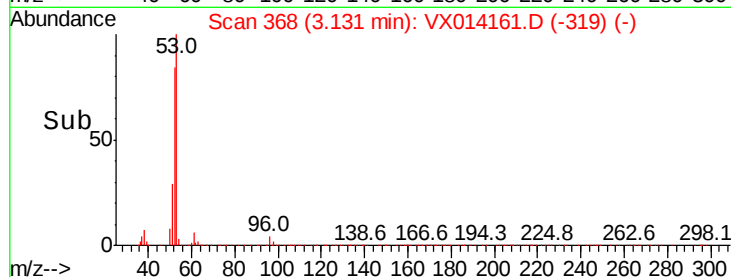
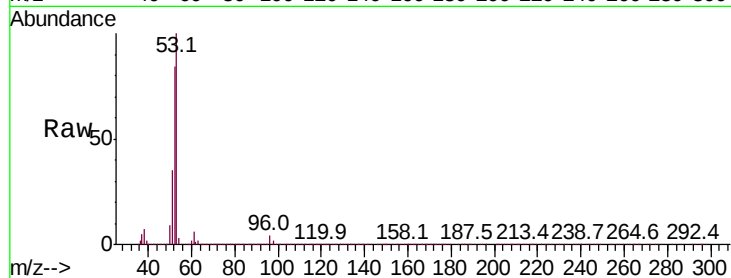
Tot Ion: 53 Resp: 748112

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

51 35.9 28.1 42.1



#16

Acetone

Concen: 170.901 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014161.D

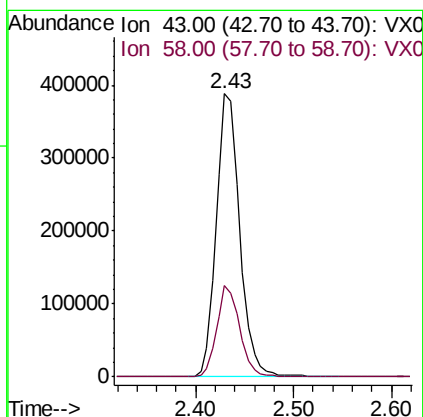
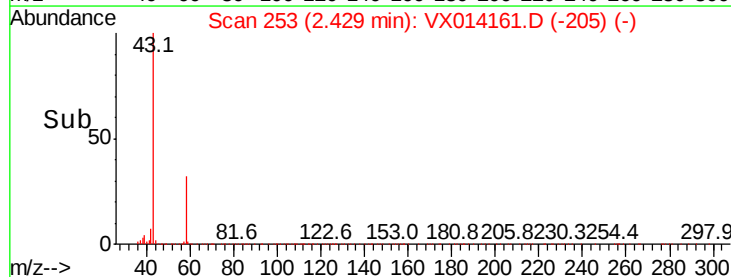
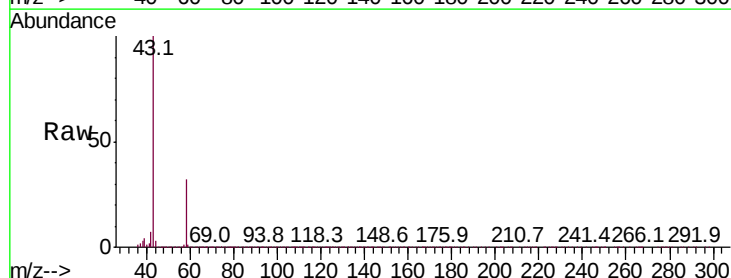
Acq: 20 Dec 2019 08:22

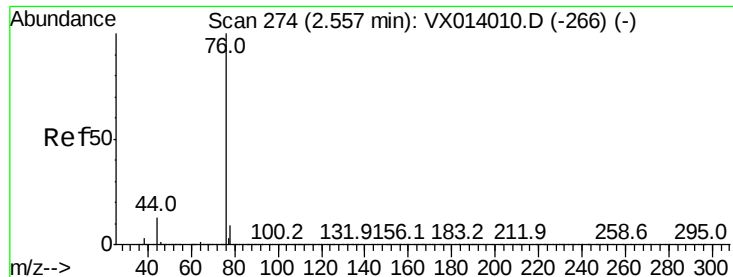
Tgt Ion: 43 Resp: 641415

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3





#17

Carbon Disulfide

Concen: 46.186 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

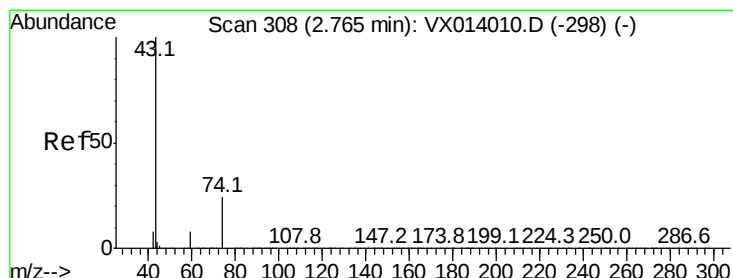
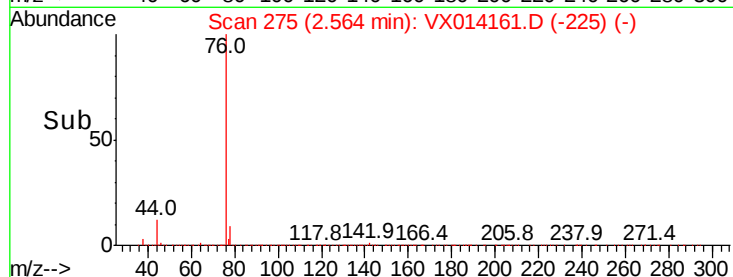
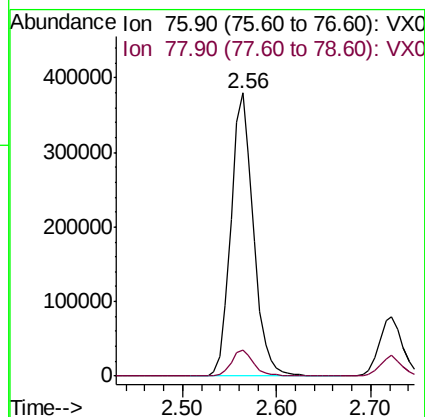
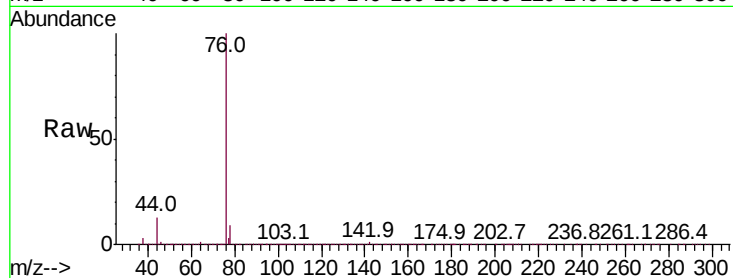
VSTDCCC050EC

Tot Ion: 76 Resp: 628340

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 52.285 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014161.D

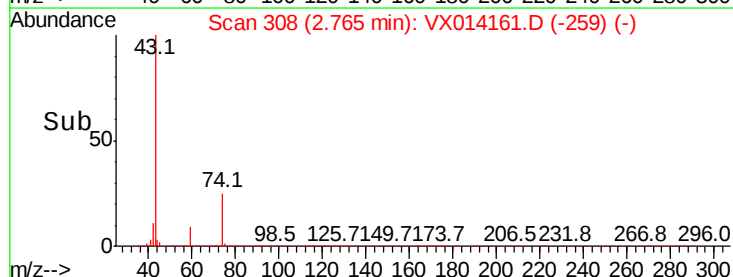
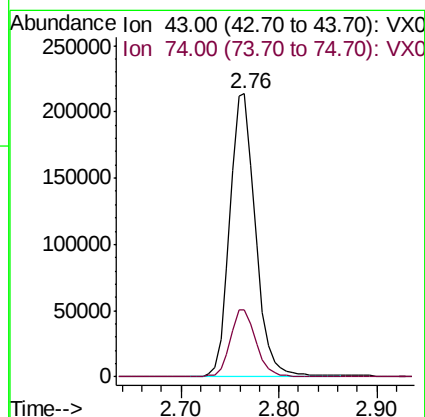
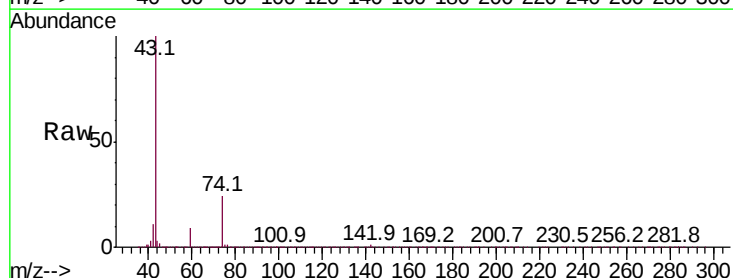
Acq: 20 Dec 2019 08:22

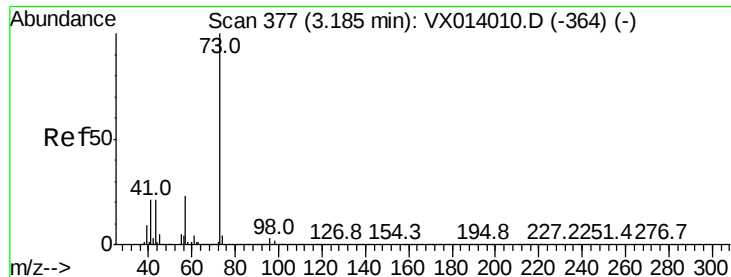
Tgt Ion: 43 Resp: 388848

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3

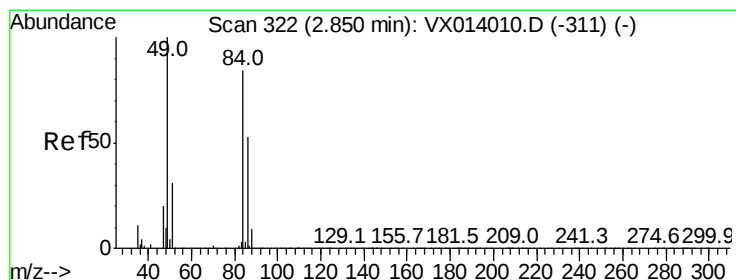
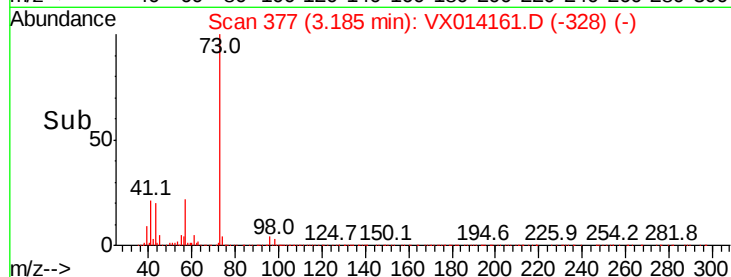
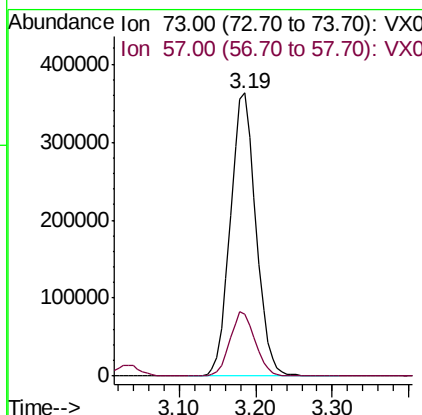
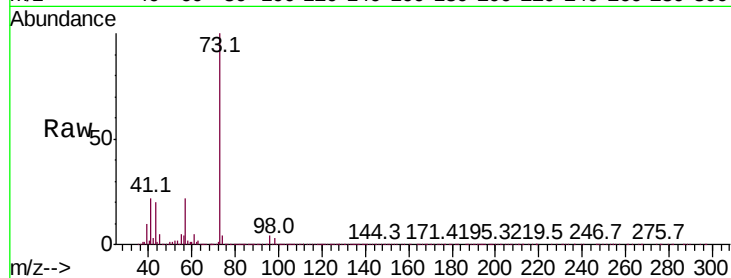




#19
Methvl tert-butvl Ether
Concen: 52.000 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

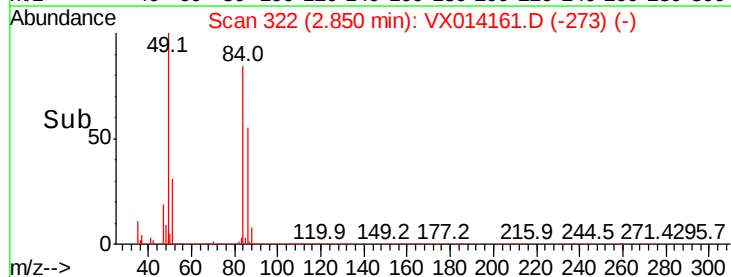
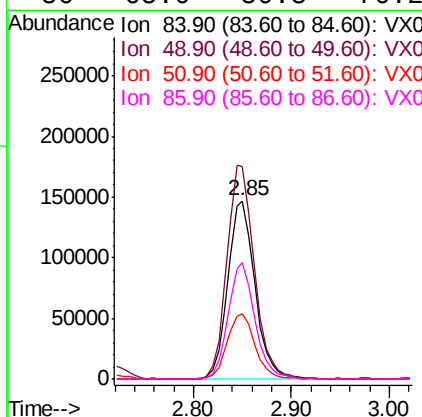
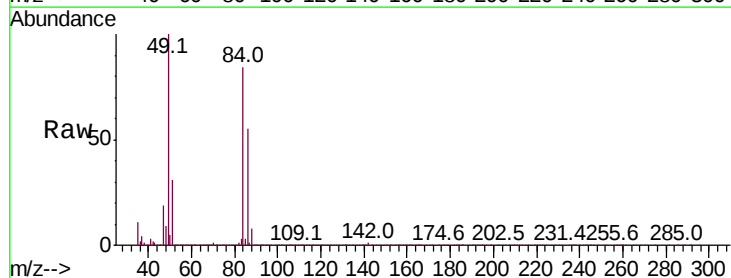
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

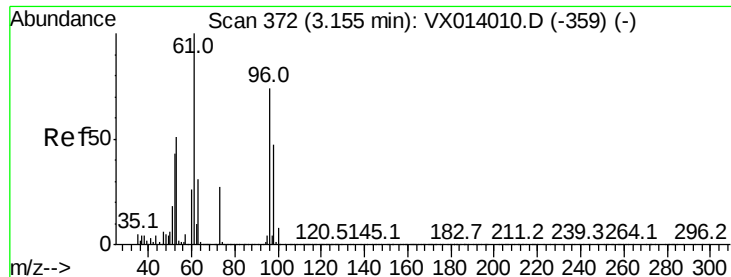
Tot Ion: 73 Resp: 838425
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20
Methylene Chloride
Concen: 47.614 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 84 Resp: 281410
Ion Ratio Lower Upper
84 100
49 118.7 95.8 143.6
51 36.1 29.8 44.8
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.269 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

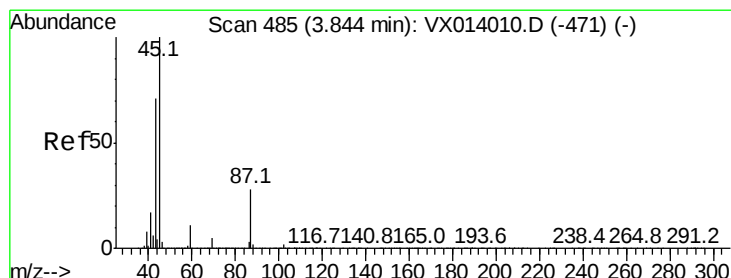
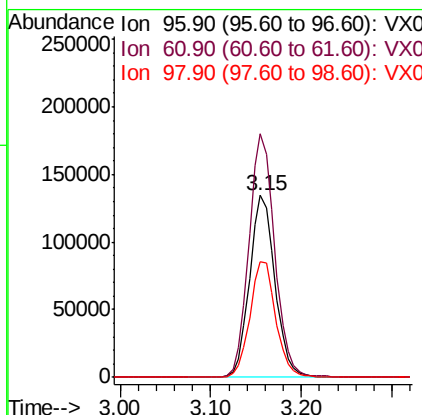
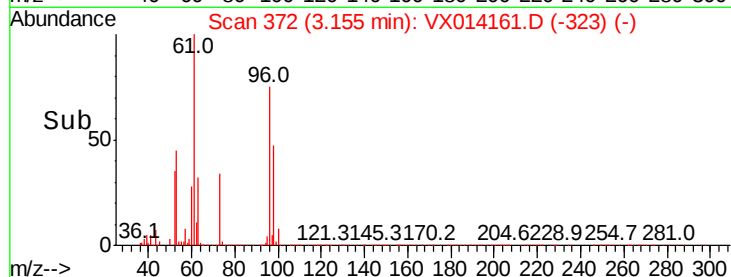
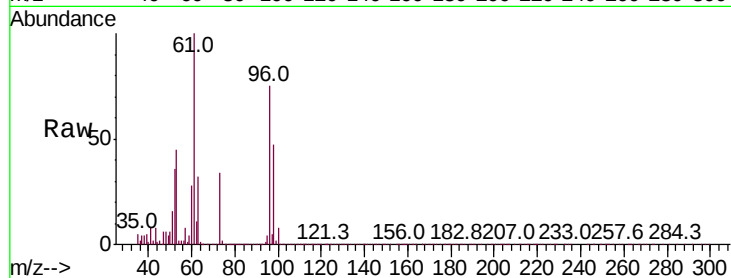
Tot Ion: 96 Resp: 260921

Ion Ratio Lower Upper

96 100

61 134.0 108.3 162.5

98 63.4 50.8 76.2



#22

Diisopropyl ether

Concen: 51.872 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion: 45 Resp: 905567

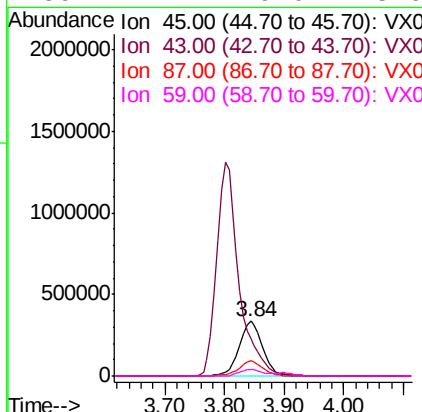
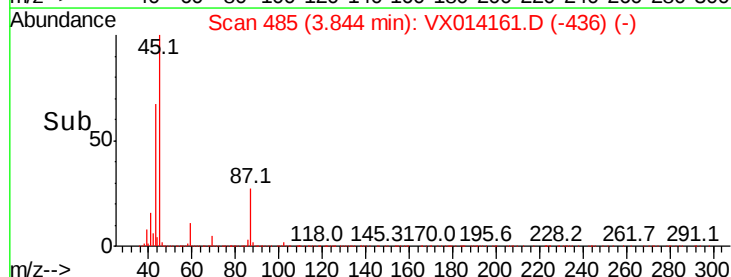
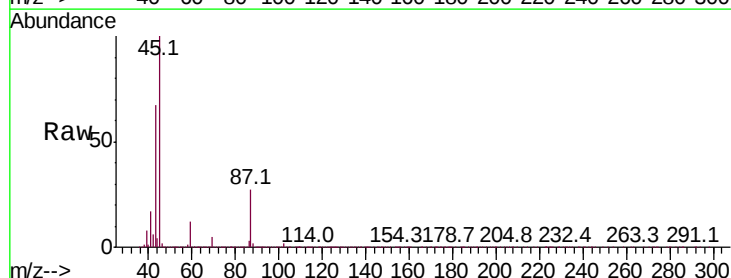
Ion Ratio Lower Upper

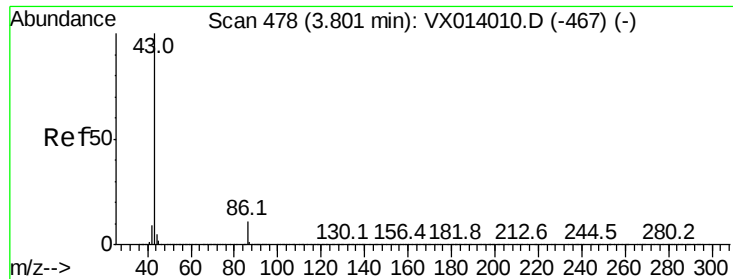
45 100

43 66.9 57.4 86.0

87 27.0 21.9 32.9

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 239.090 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

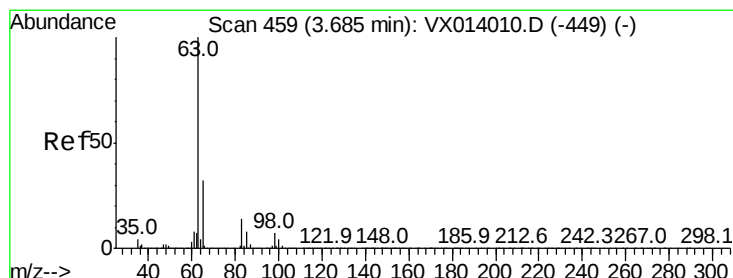
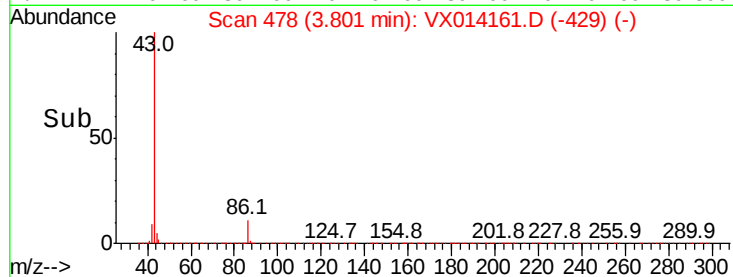
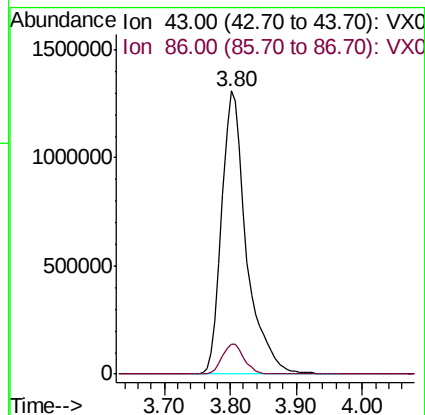
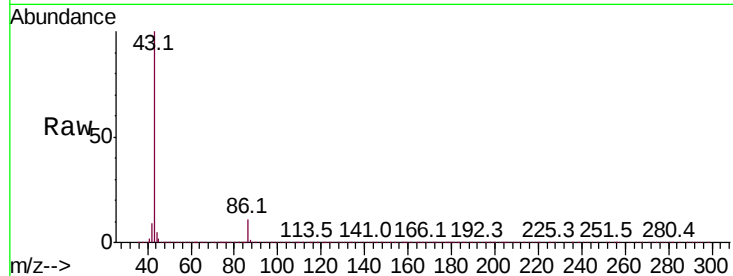
VSTDCCC050EC

Tot Ion: 43 Resp: 3406222

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.671 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

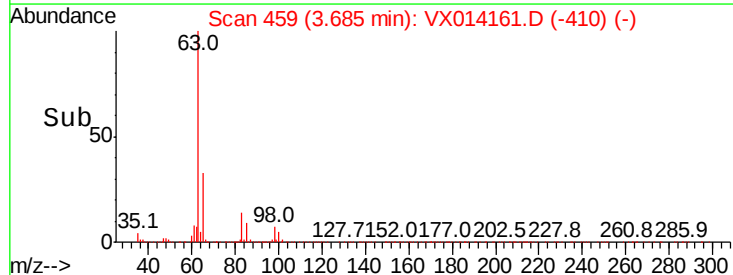
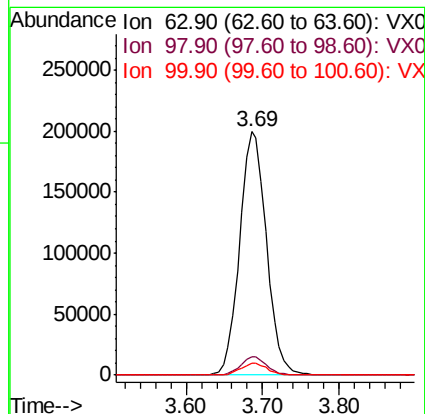
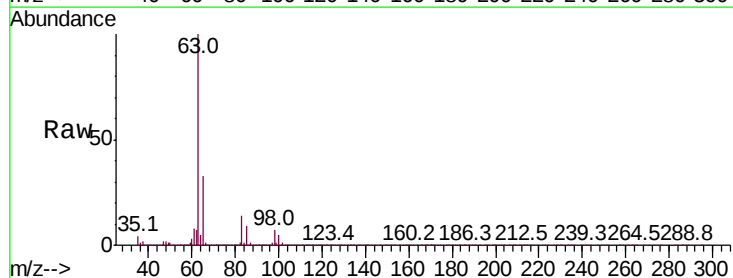
Tgt Ion: 63 Resp: 482450

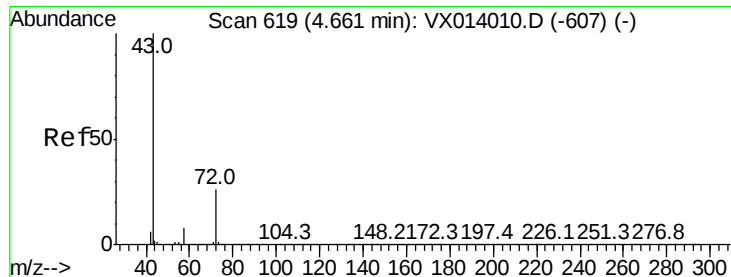
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 228.632 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

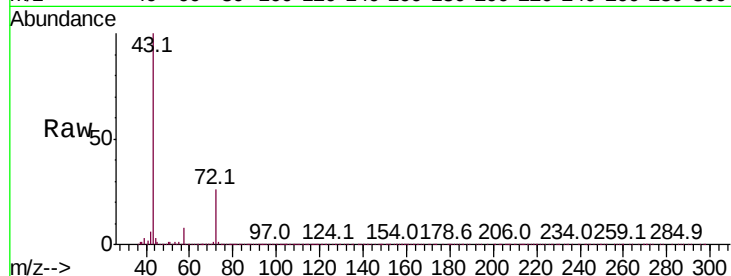
VSTDCCC050EC

Tot Ion: 43 Resp: 1057923

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

300000

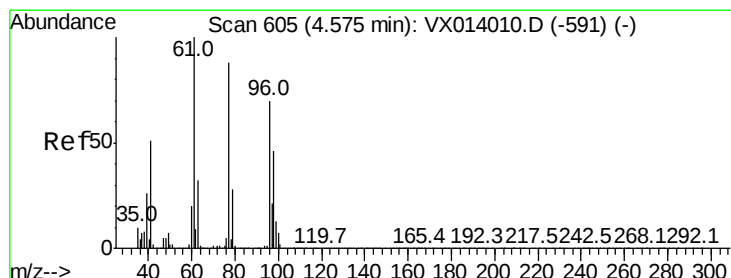
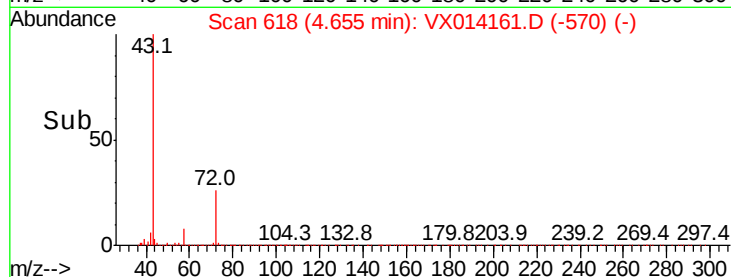
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 33.600 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014161.D

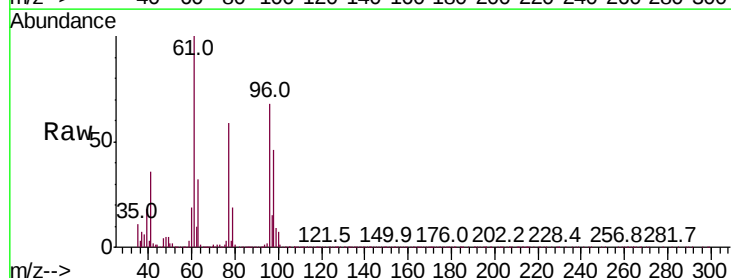
Acq: 20 Dec 2019 08:22

Tgt Ion: 77 Resp: 253388

Ion Ratio Lower Upper

77 100

97 26.4 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

80000

60000

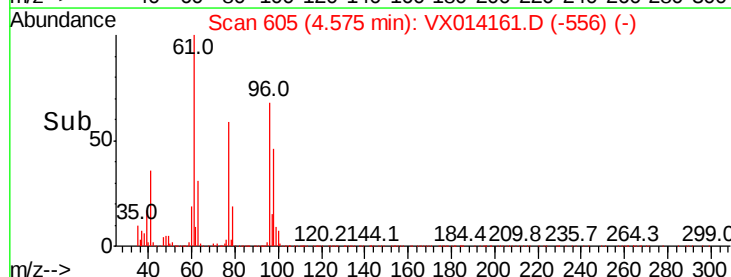
40000

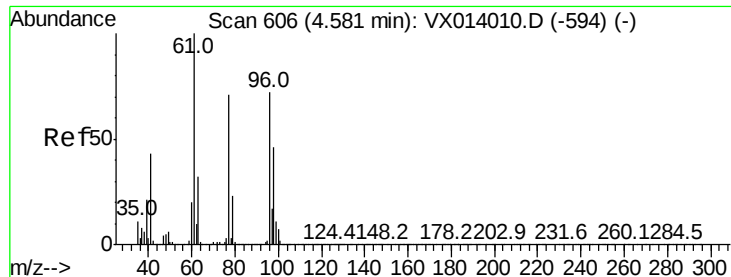
20000

0

4.40 4.50 4.60 4.70

Time-->



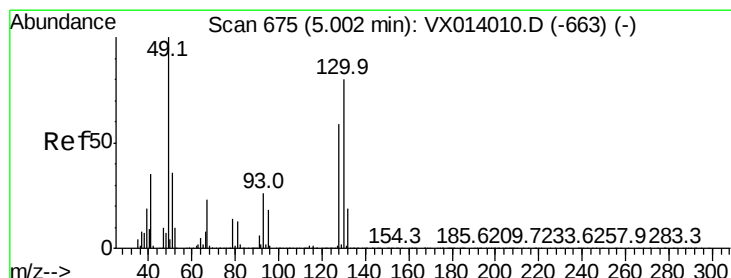
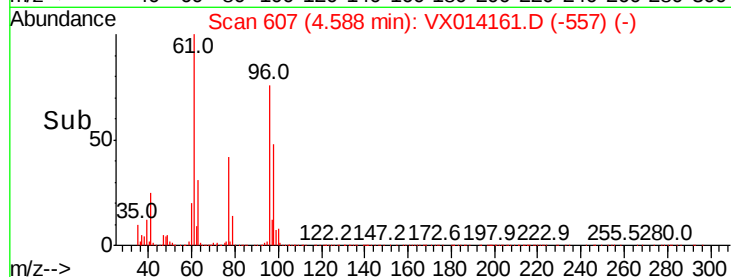
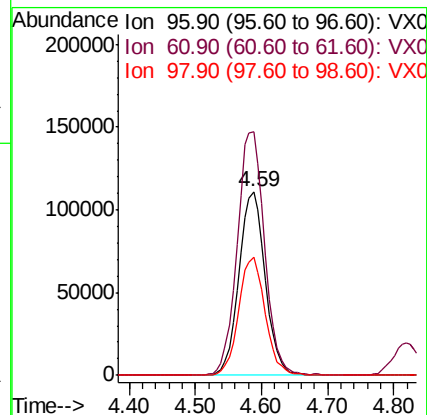
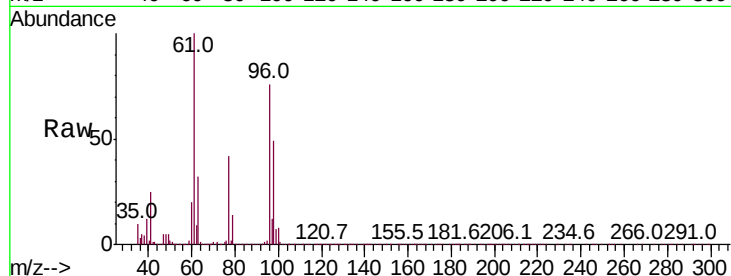


#27

cis-1,2-Dichloroethene
Concen: 49.910 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

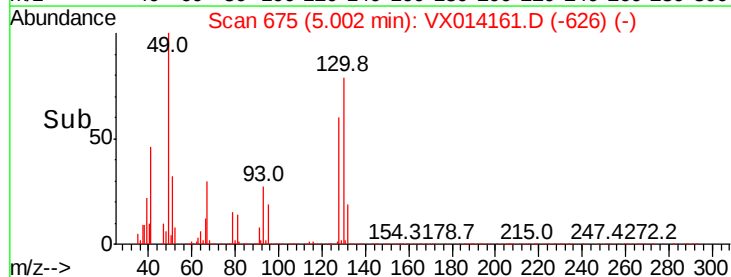
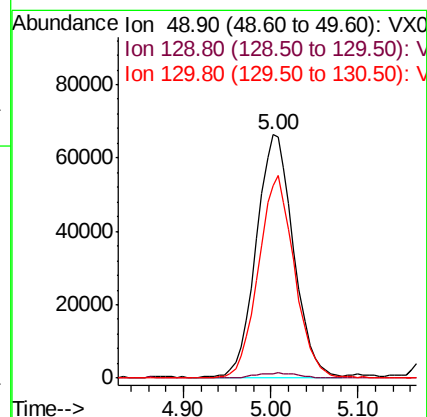
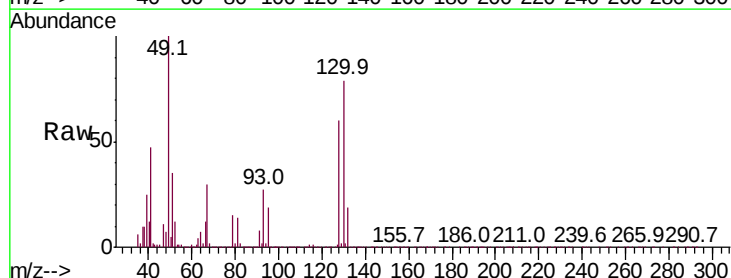
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	288.4
98	65.0	0.0	129.6

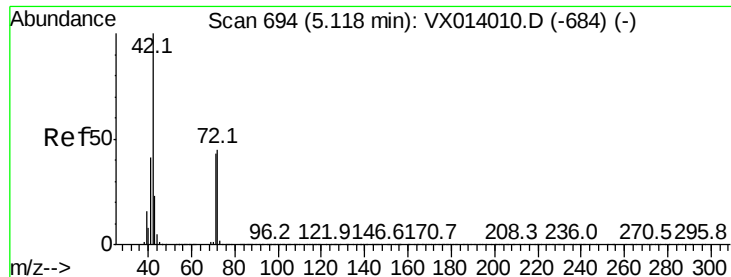


#28

Bromochloromethane
Concen: 52.423 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	80.9	64.6	97.0





#29

Tetrahydrofuran

Concen: 262.080 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

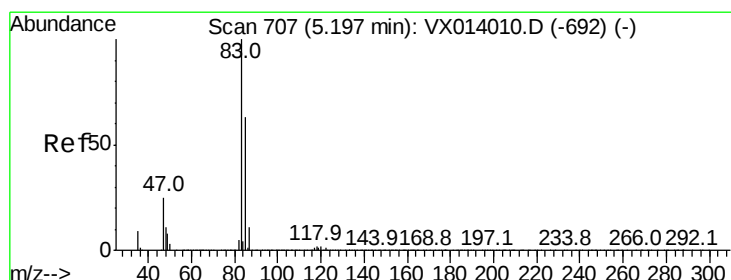
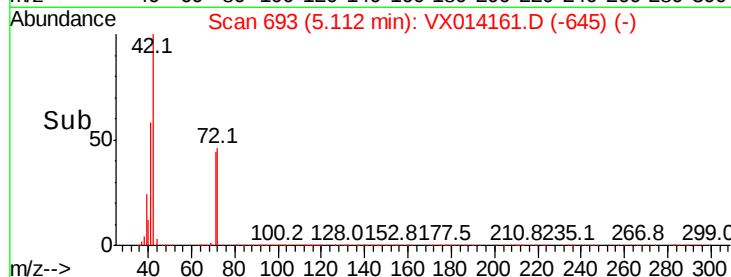
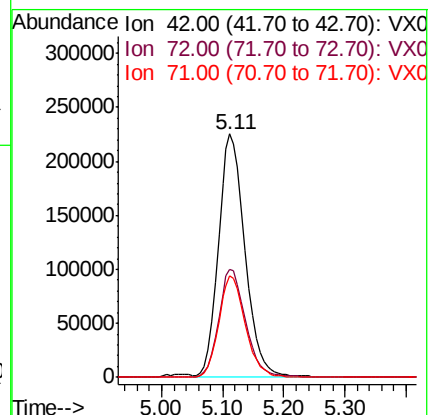
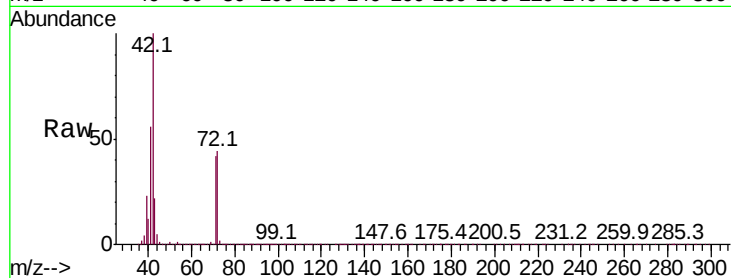
Tot Ion: 42 Resp: 678292

Ion Ratio Lower Upper

42 100

72 45.4 35.8 53.8

71 41.7 33.6 50.4



#30

Chloroform

Concen: 51.541 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014161.D

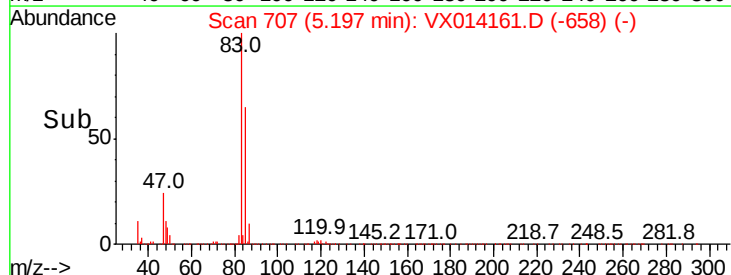
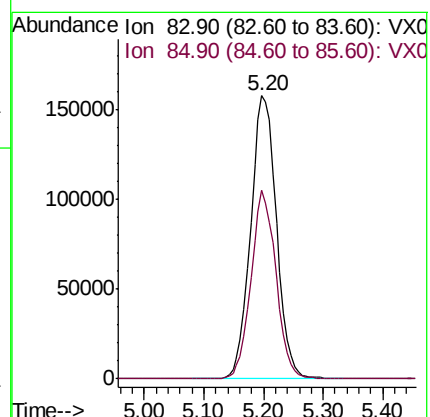
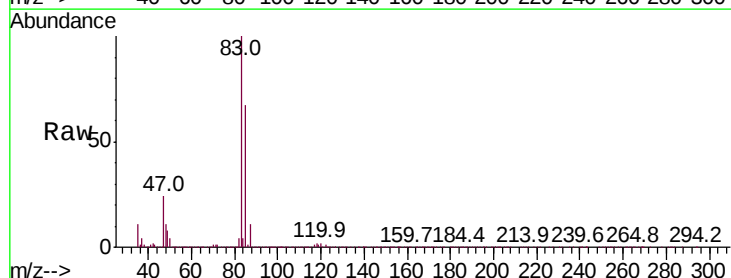
Acq: 20 Dec 2019 08:22

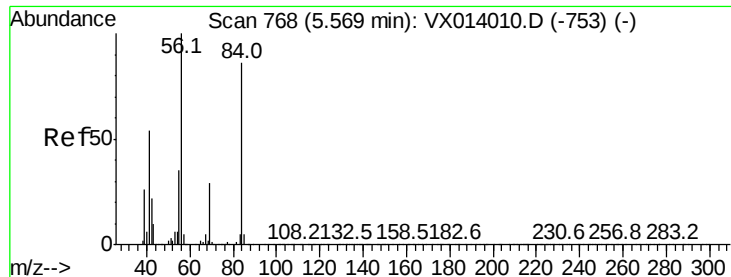
Tgt Ion: 83 Resp: 474566

Ion Ratio Lower Upper

83 100

85 66.7 50.8 76.2

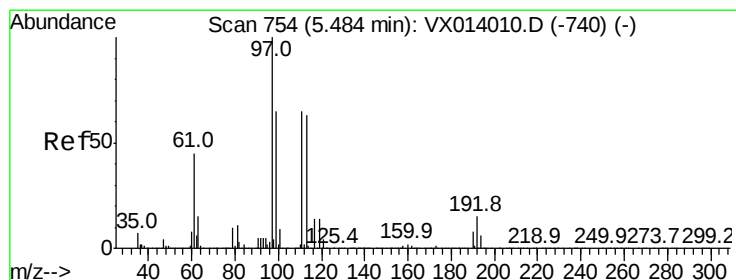
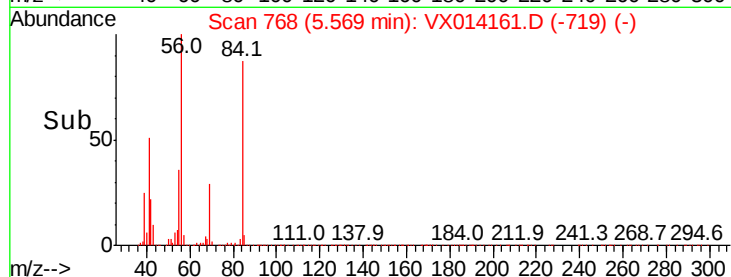
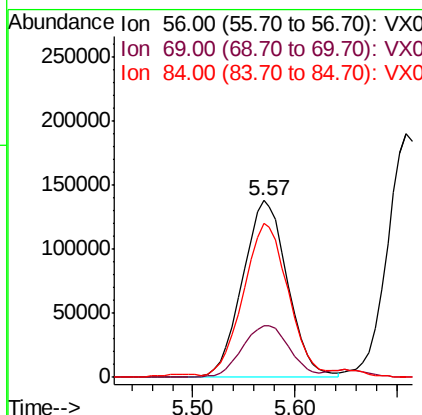
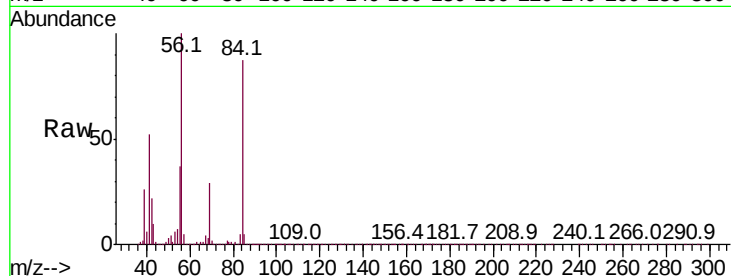




#31
Cyclohexane
Concen: 48.875 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

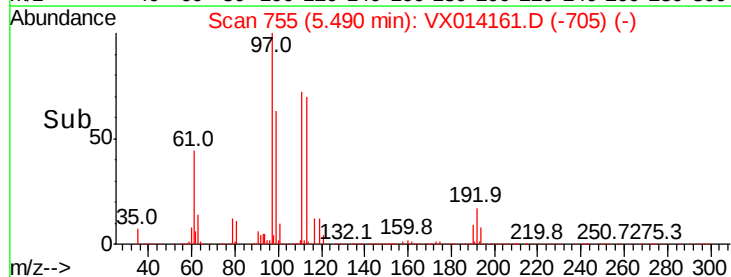
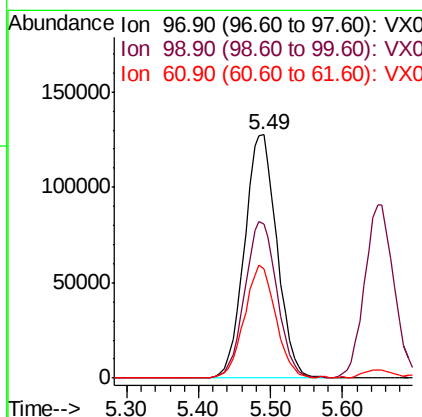
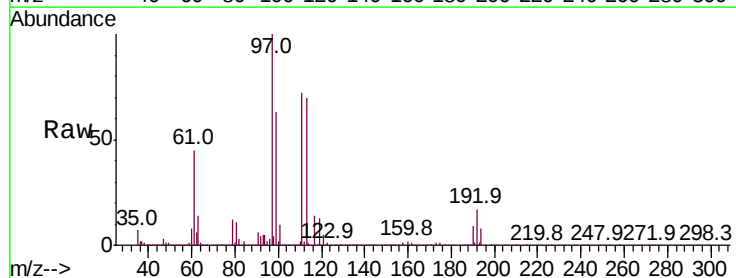
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

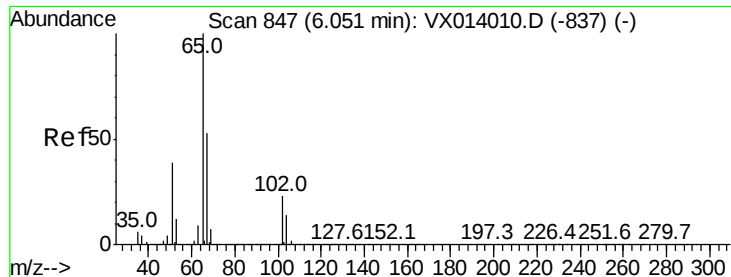
Tot Ion: 56 Resp: 422214
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 85.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.623 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 97 Resp: 397255
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 44.6 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 53.095 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

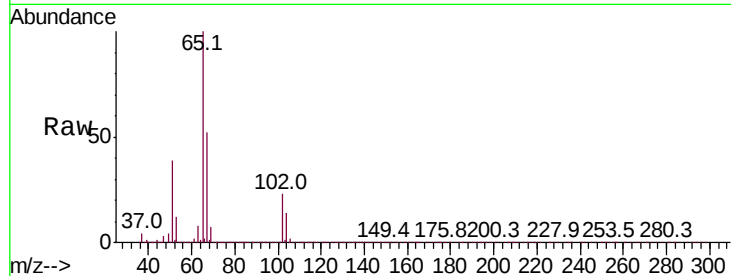
VSTDCCC050EC

Tot Ion: 65 Resp: 306948

Ion Ratio Lower Upper

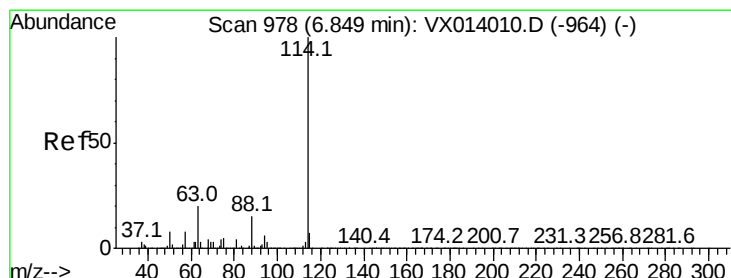
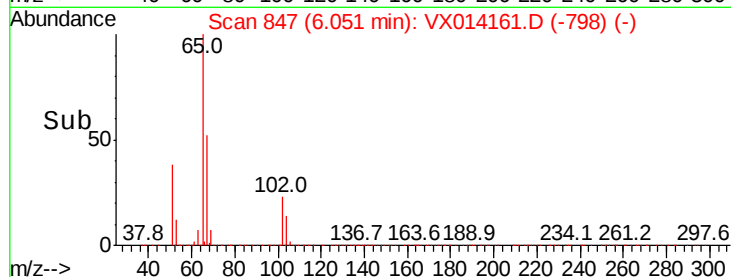
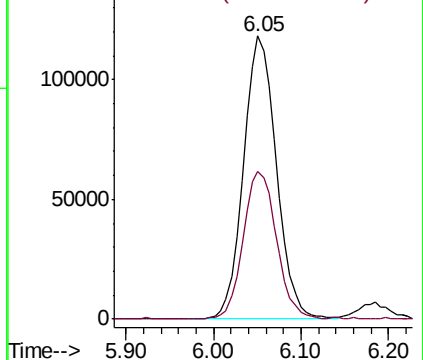
65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

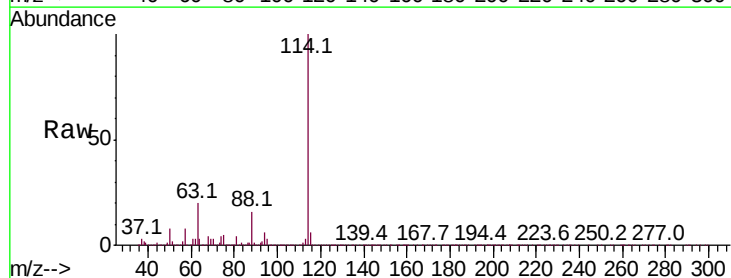
Tgt Ion: 114 Resp: 814611

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

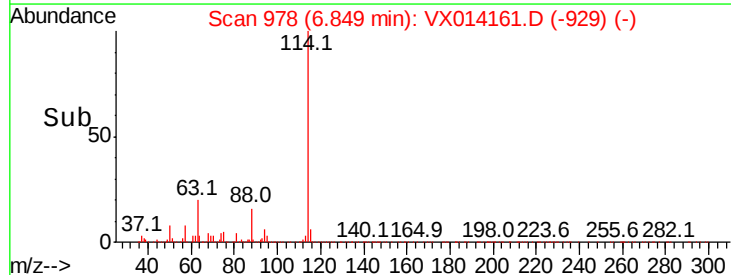
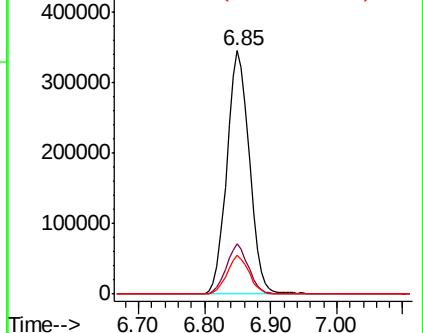
88 15.8 0.0 30.4

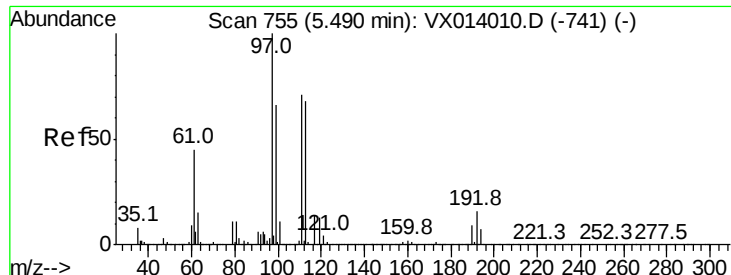


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

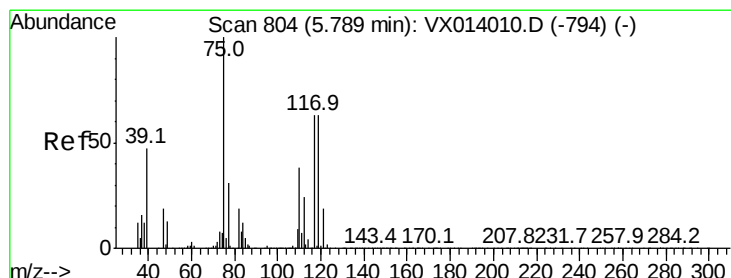
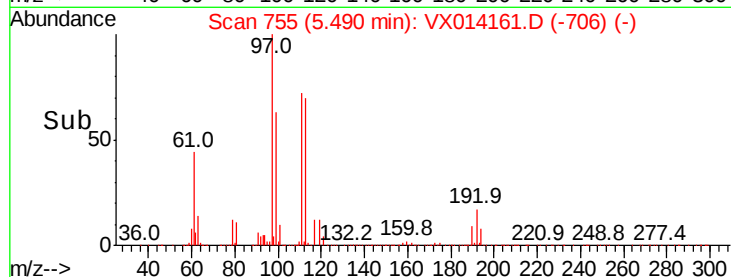
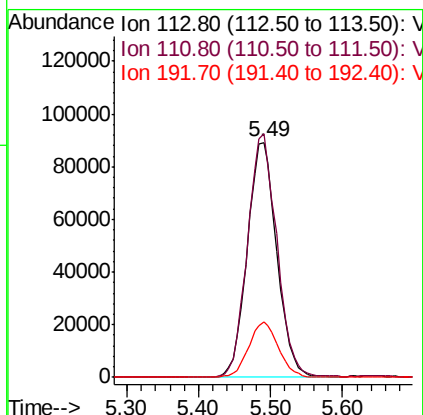
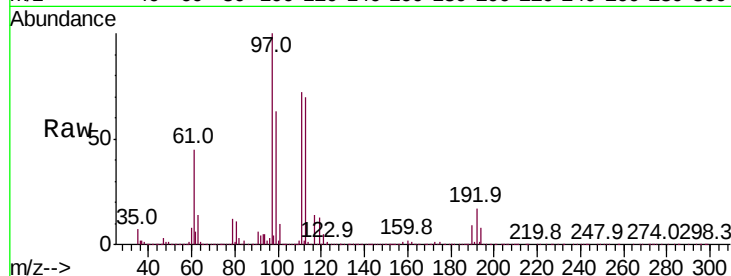




#35
Dibromofluoromethane
Concen: 51.169 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

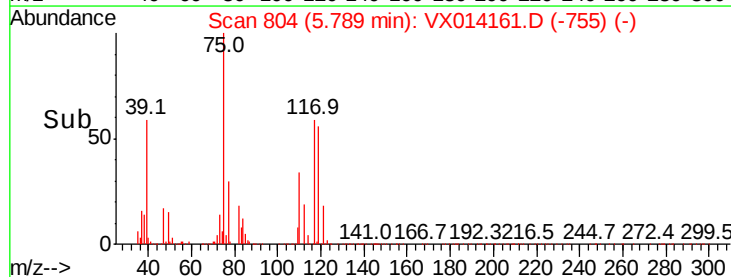
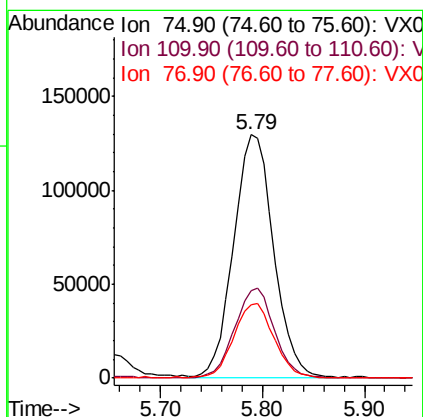
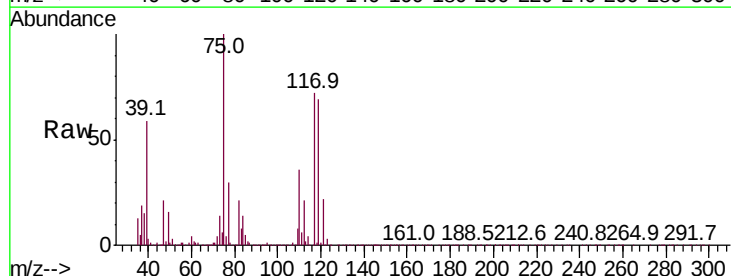
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

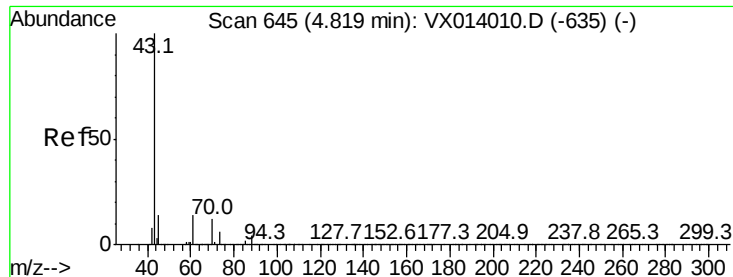
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	24.0	19.3	28.9



#36
1,1-Dichloropropene
Concen: 46.984 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.9
77	30.6	24.8	37.2





#37

Ethyl Acetate

Concen: 50.401 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

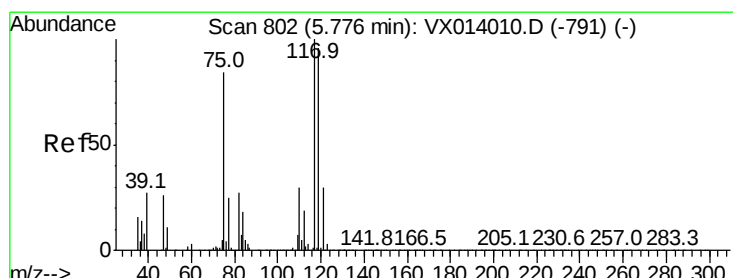
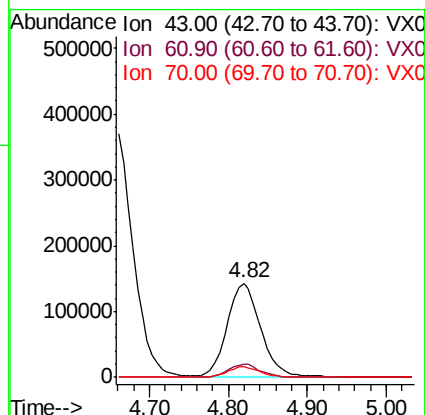
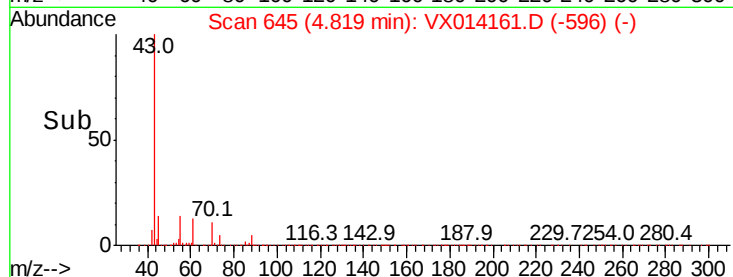
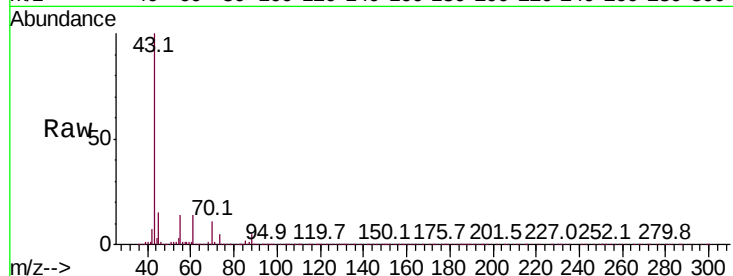
Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 416011

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	11.0	8.6	12.8



#38

Carbon Tetrachloride

Concen: 49.004 ug/l

RT: 5.78 min Scan# 802

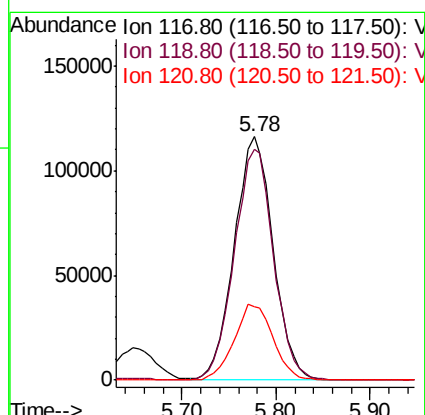
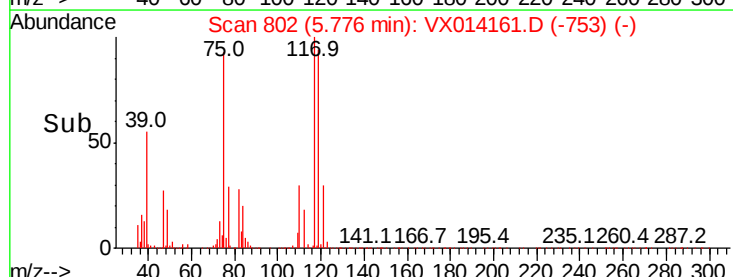
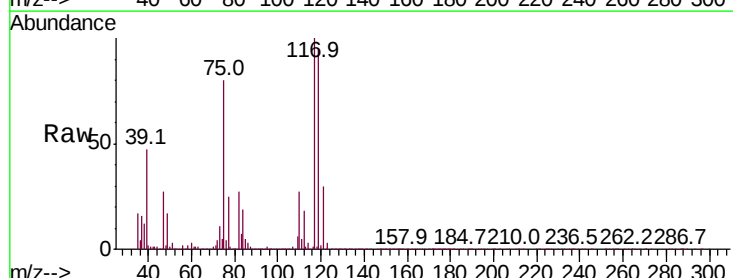
Delta R.T. 0.00 min

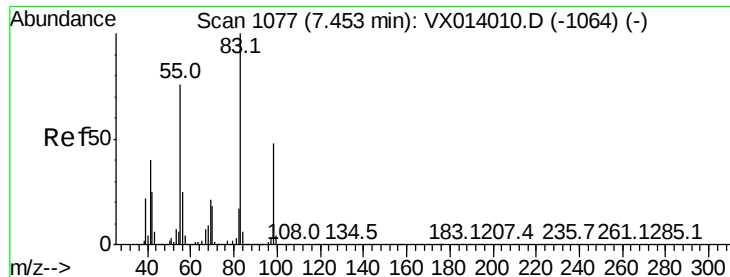
Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion: 117 Resp: 333675

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
121	30.2	23.6	35.4

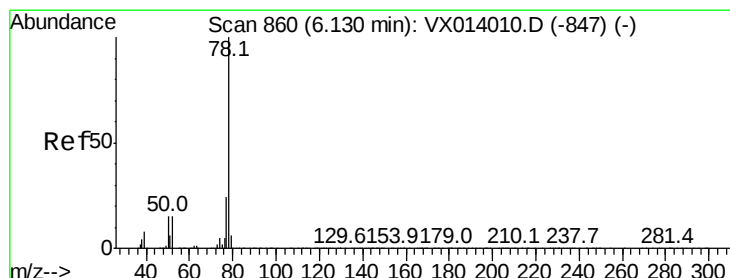
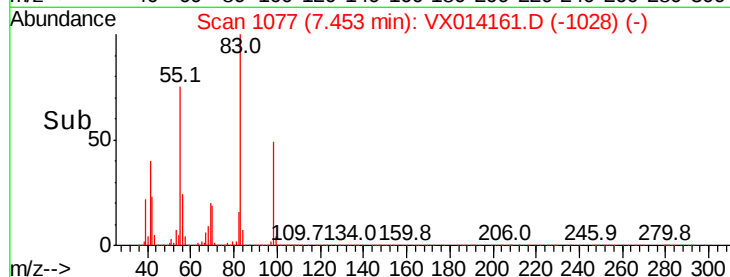
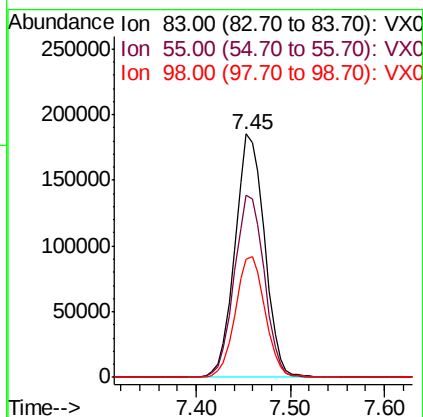
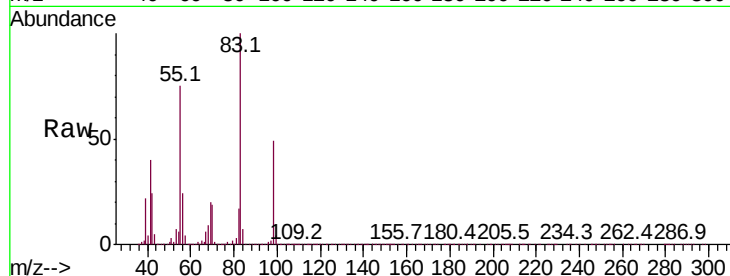




#39
Methvlcvclohexane
Concen: 43.618 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

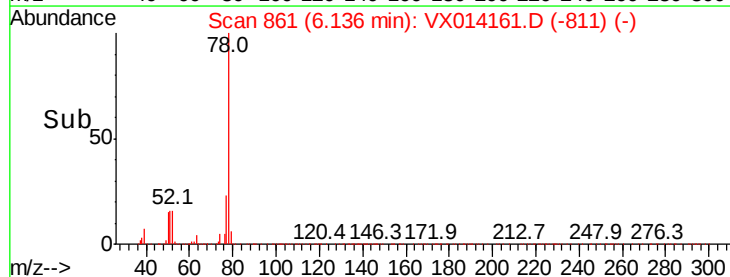
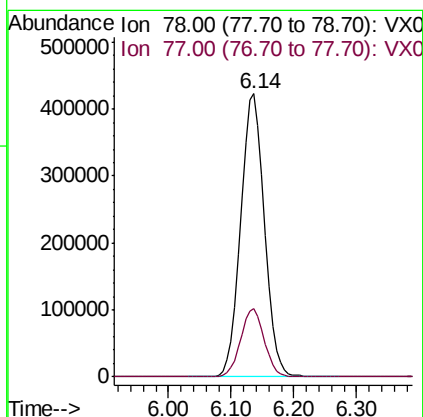
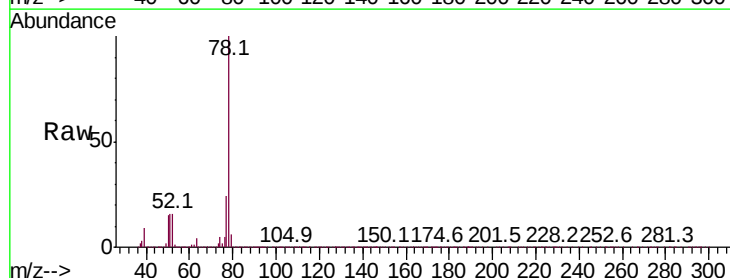
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

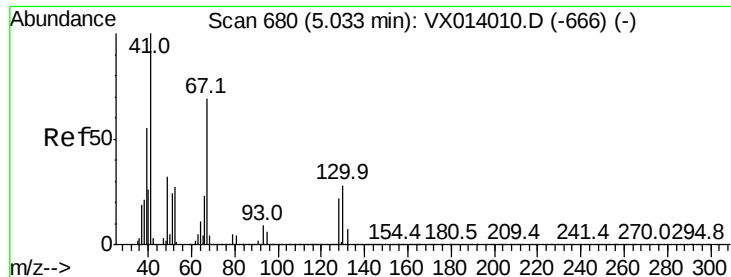
Tot Ion	83	Resp	402557
Ion Ratio	100		
Lower	61.0		
Upper	91.6		
83	74.7		
55	48.6		
98			



#40
Benzene
Concen: 48.229 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	78	Resp	1109174
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
78	23.9		
77			

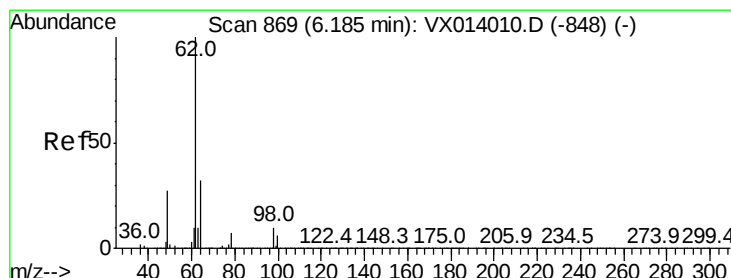
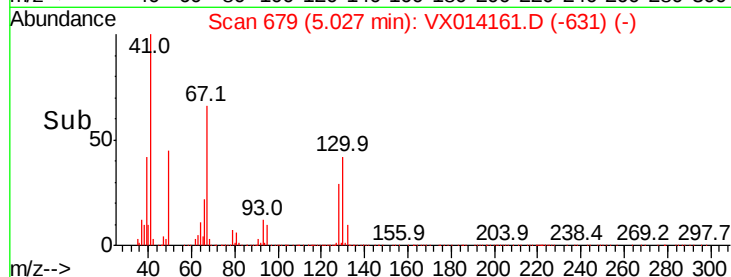
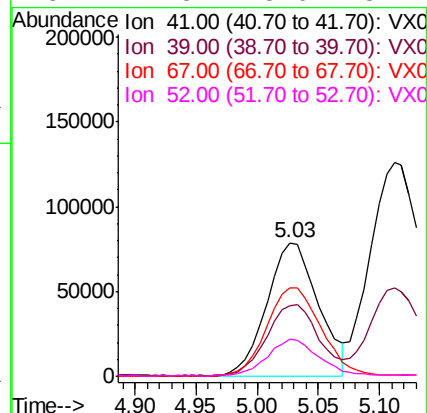
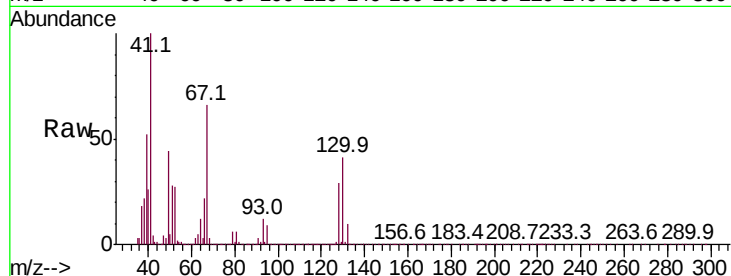




#41
Methacrylonitrile
Concen: 50.178 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

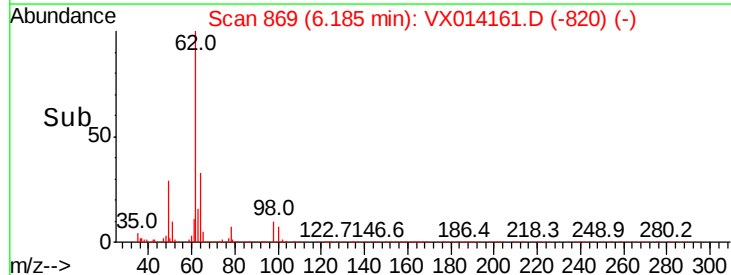
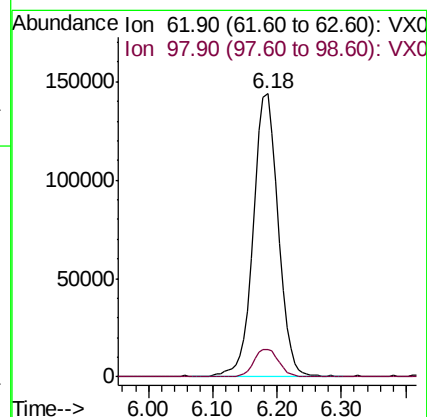
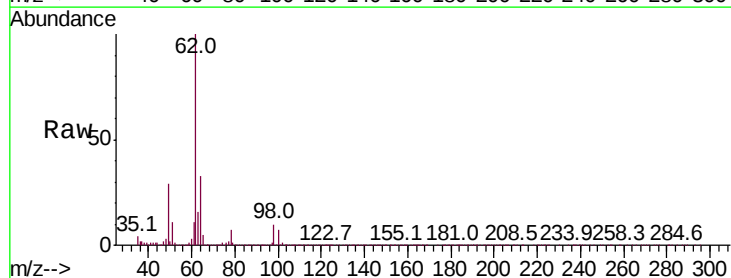
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

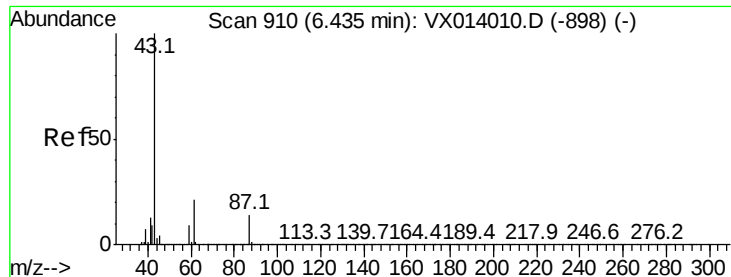
Tot Ion:	41	Resp:	229803
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.5	66.7
67	70.4	57.4	86.0
52	27.3	23.0	34.4



#42
1,2-Dichloroethane
Concen: 48.622 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion:	62	Resp:	379049
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0



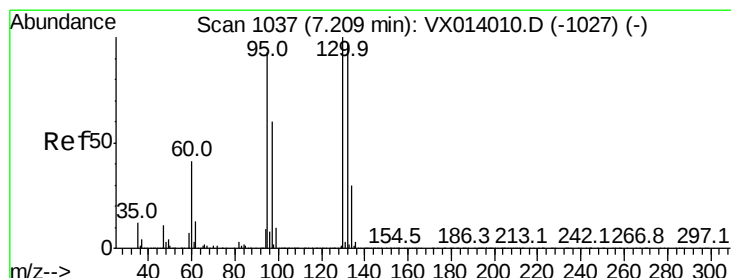
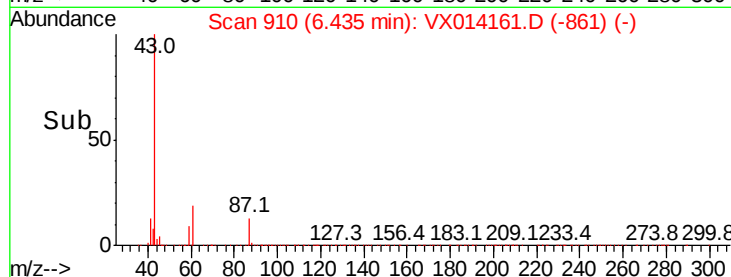
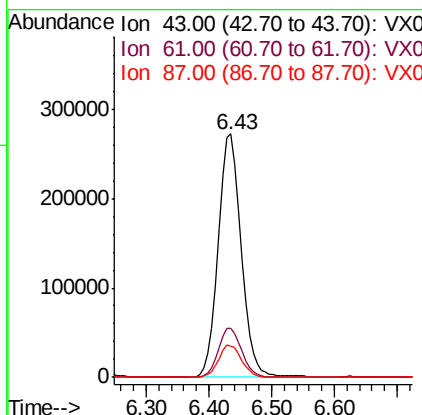
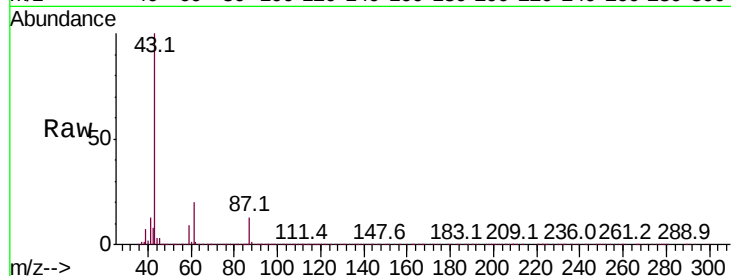


#43

Isopropyl Acetate
 Concen: 50.436 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

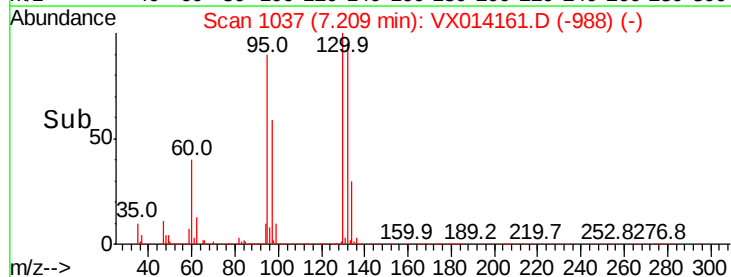
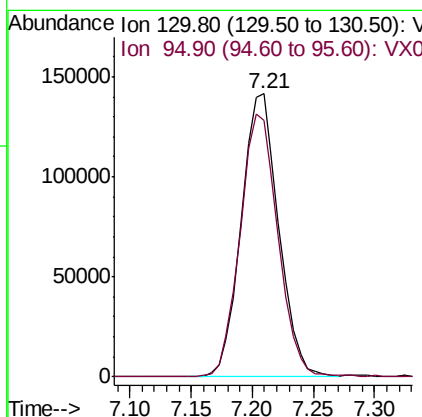
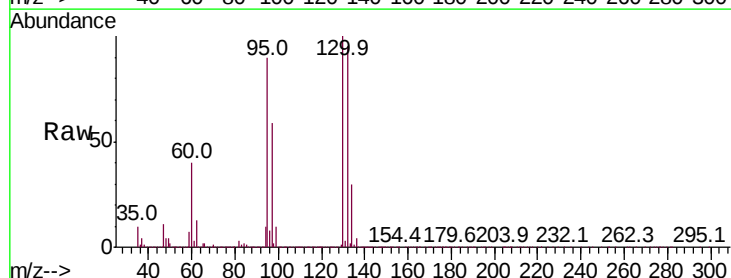
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.4	24.6
87	13.6	10.7	16.1

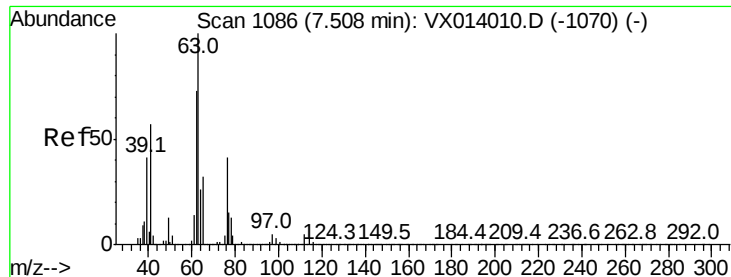


#44

Trichloroethene
 Concen: 47.404 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	185.6





#45

1,2-Dichloropropane

Concen: 49.065 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

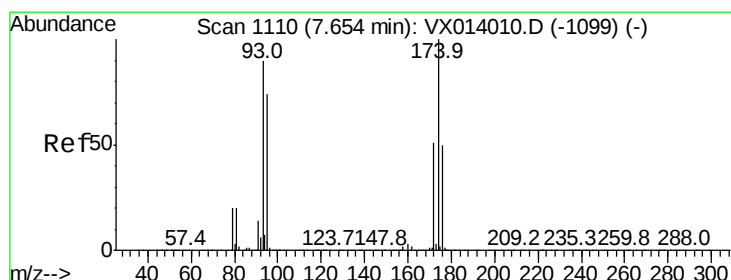
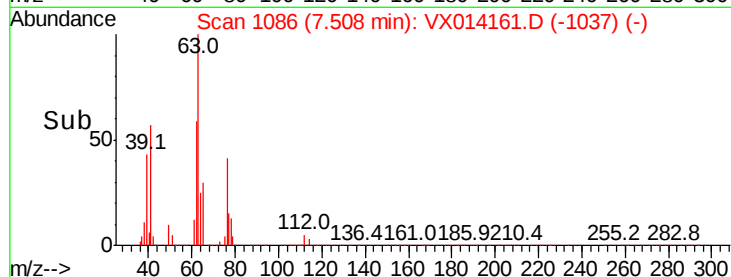
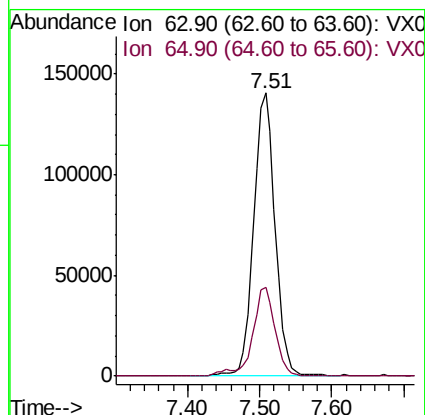
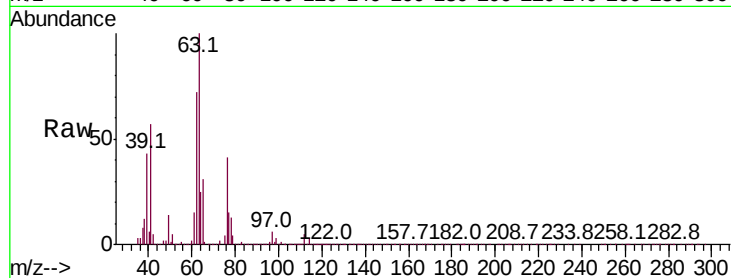
VSTDCCC050EC

Tot Ion: 63 Resp: 289220

Ion Ratio Lower Upper

63 100

65 31.4 25.8 38.8



#46

Dibromomethane

Concen: 47.322 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

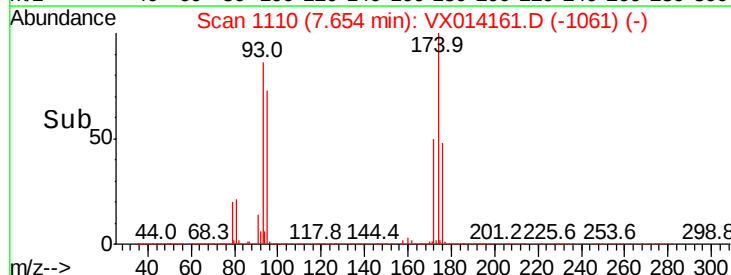
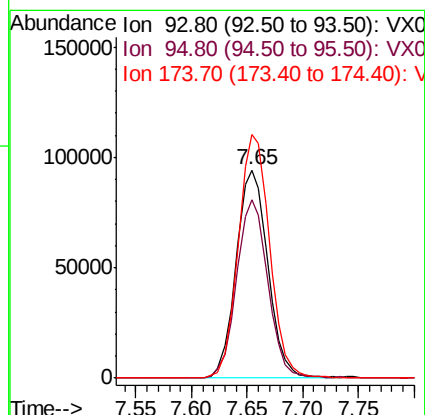
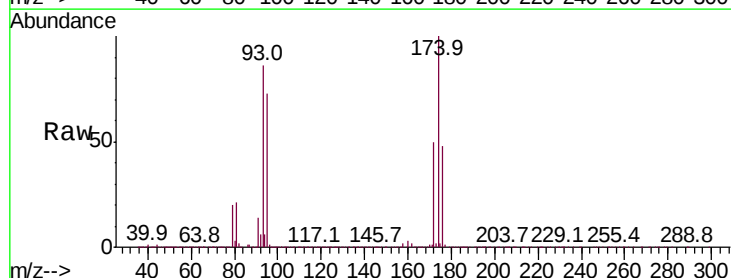
Tgt Ion: 93 Resp: 184427

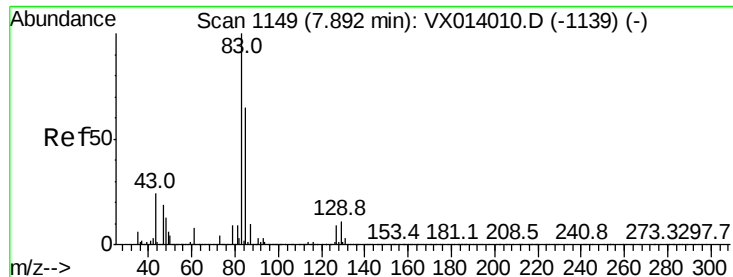
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 117.2 91.6 137.4





#47

Bromodichloromethane

Concen: 50.263 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

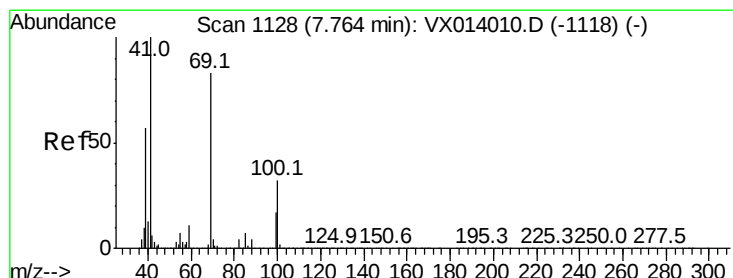
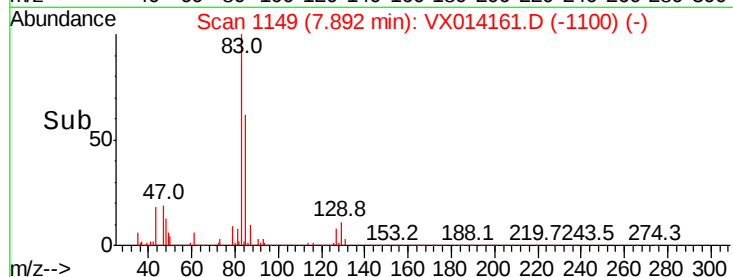
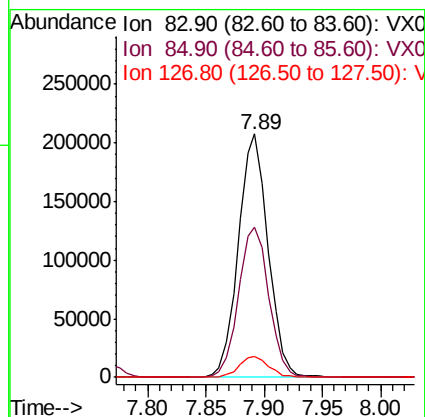
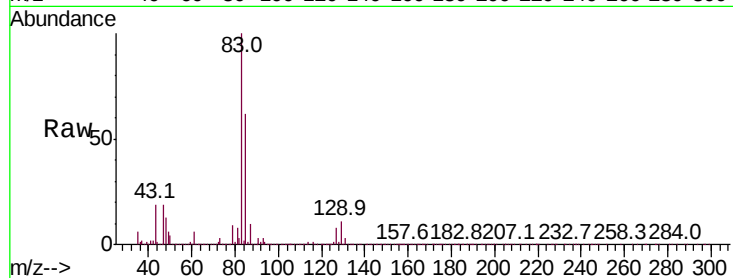
Tot Ion: 83 Resp: 368923

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.8

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 50.379 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

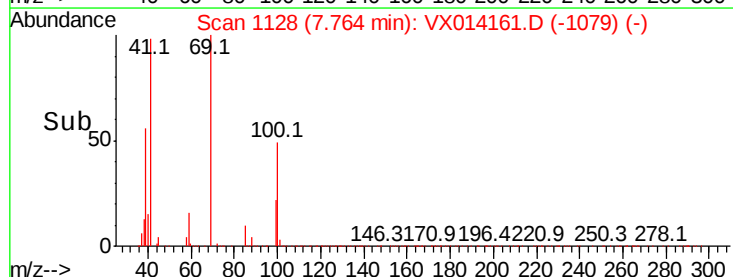
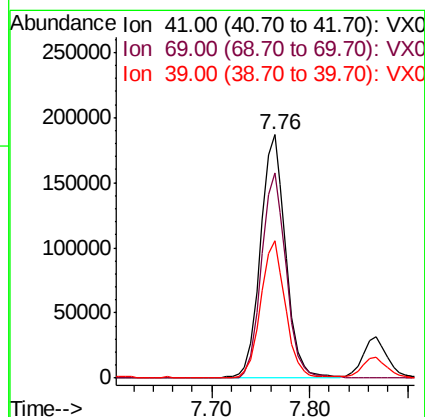
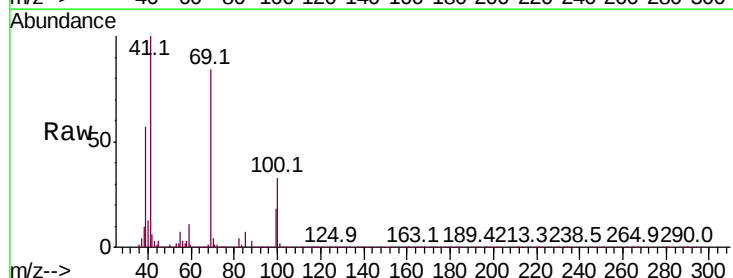
Tgt Ion: 41 Resp: 336980

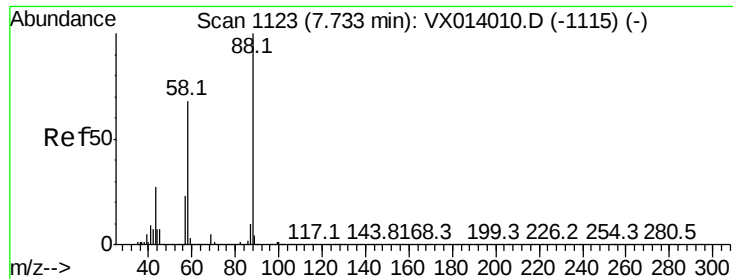
Ion Ratio Lower Upper

41 100

69 82.3 65.8 98.6

39 54.7 44.6 67.0





#49

1,4-Dioxane

Concen: 1048.335 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

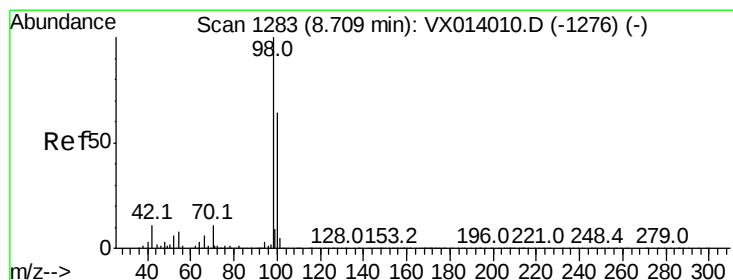
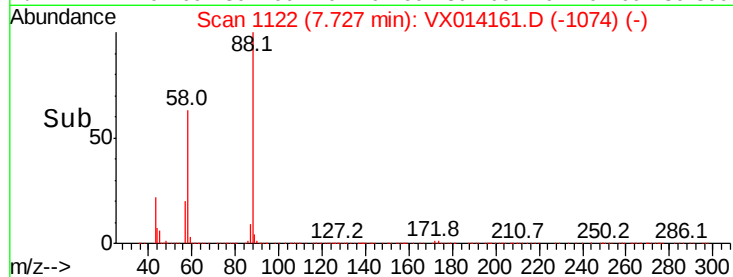
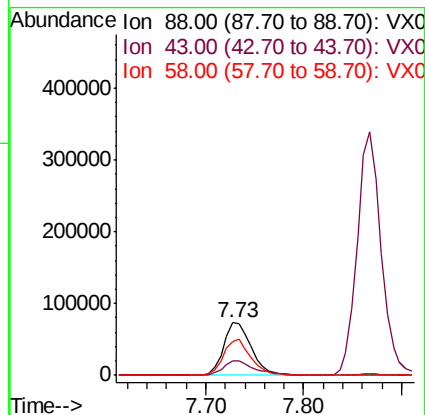
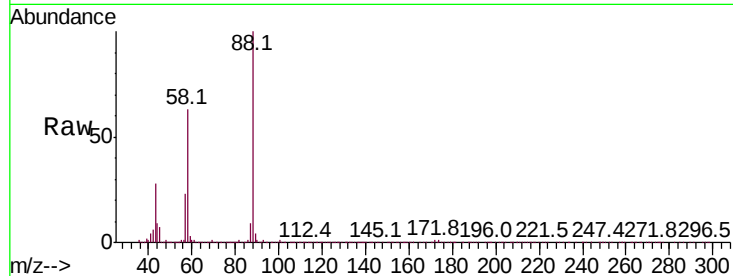
Tot Ion: 88 Resp: 142700

Ion Ratio Lower Upper

88 100

43 31.8 26.5 39.7

58 67.5 56.8 85.2



#50

Toluene-d8

Concen: 50.501 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014161.D

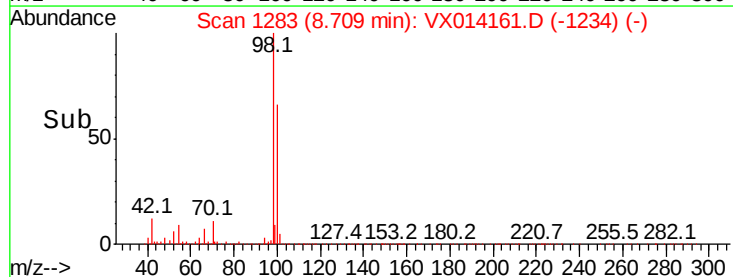
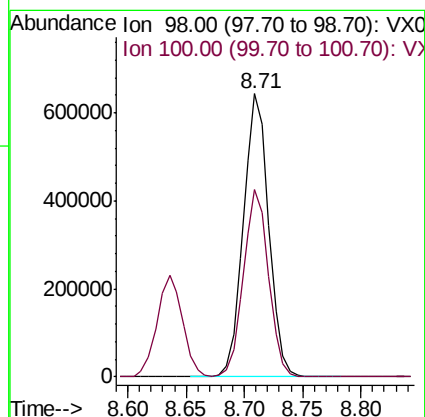
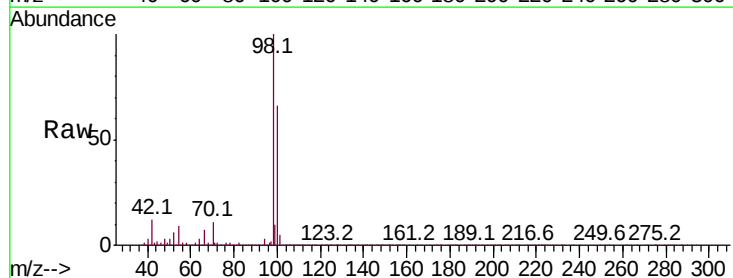
Acq: 20 Dec 2019 08:22

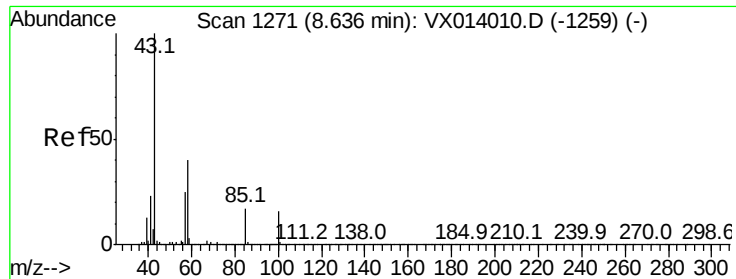
Tgt Ion: 98 Resp: 973610

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 247.636 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

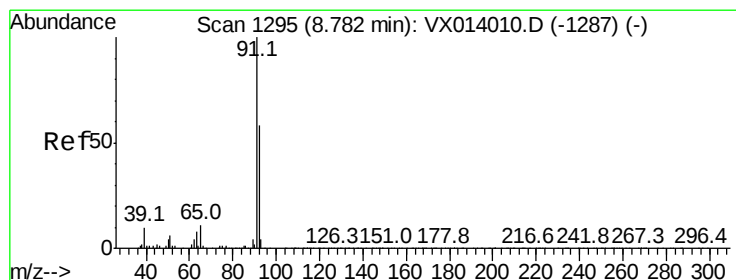
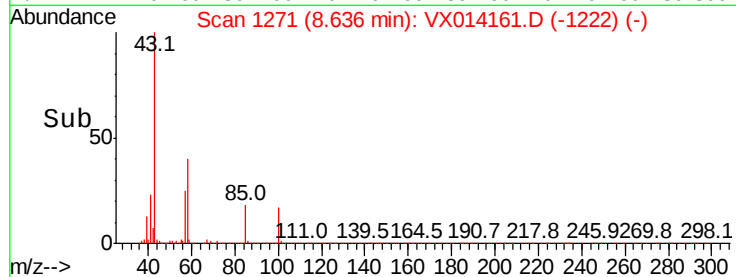
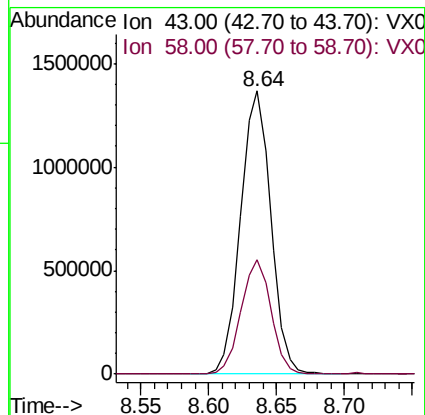
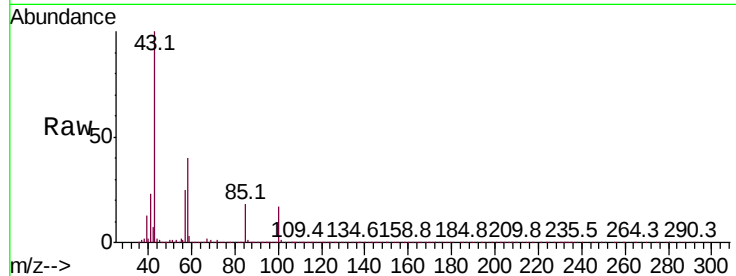
VSTDCCC050EC

Tot Ion: 43 Resp: 2124385

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 47.359 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014161.D

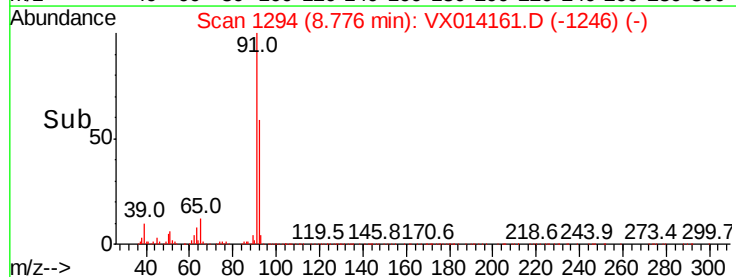
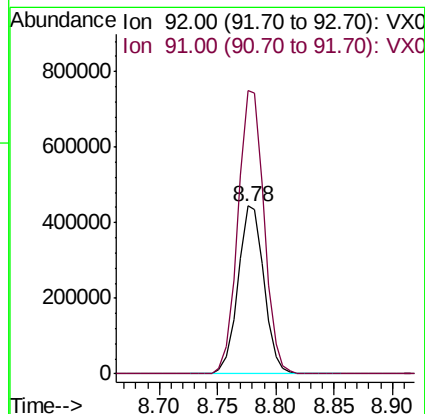
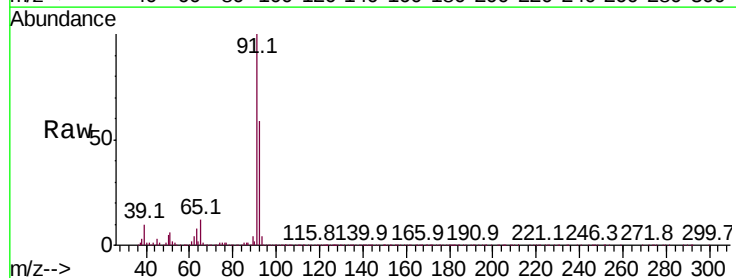
Acq: 20 Dec 2019 08:22

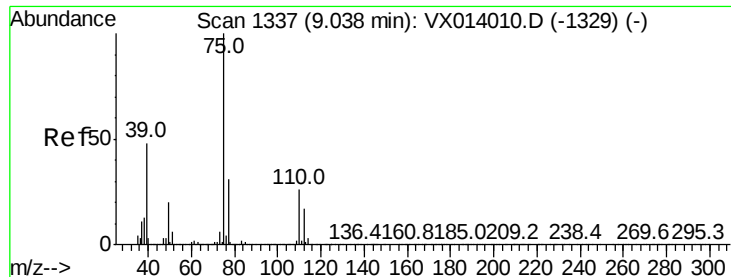
Tgt Ion: 92 Resp: 688435

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 47.665 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

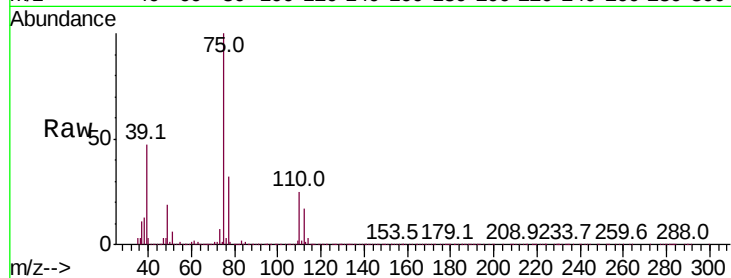
VSTDCCC050EC

Tot Ion: 75 Resp: 383616

Ion Ratio Lower Upper

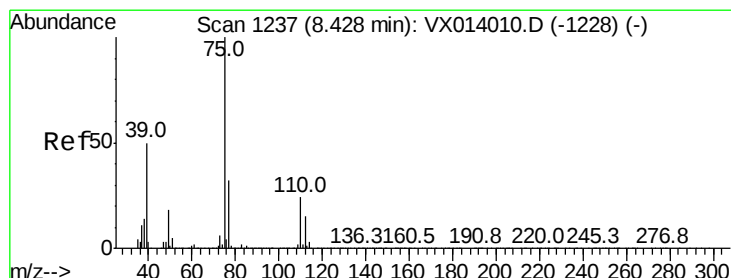
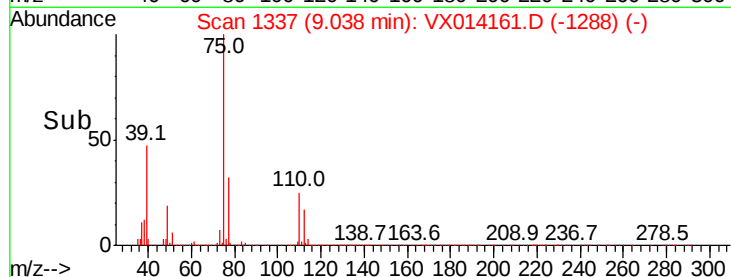
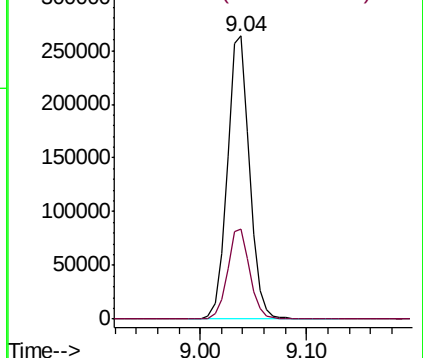
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.261 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

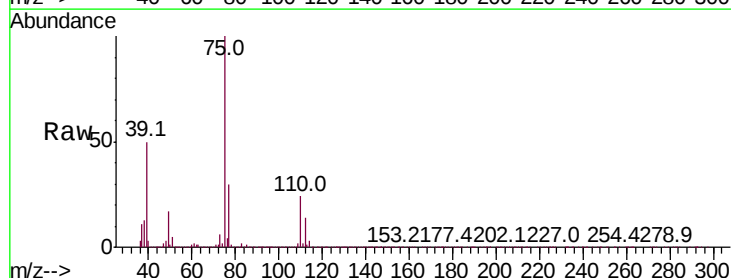
Tgt Ion: 75 Resp: 432720

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

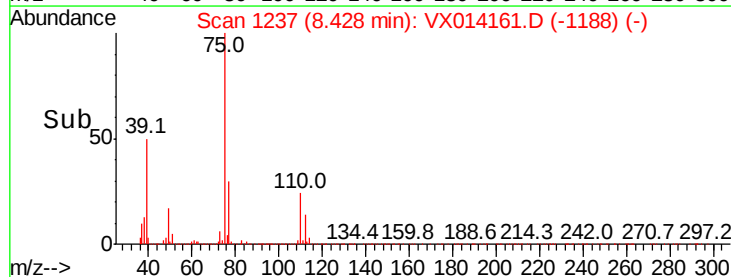
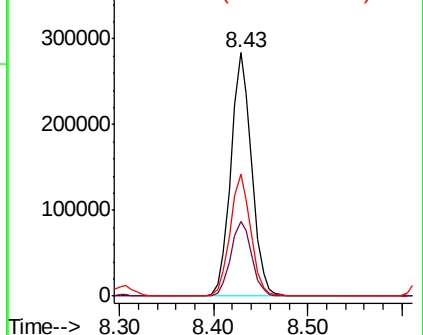
39 49.7 39.9 59.9

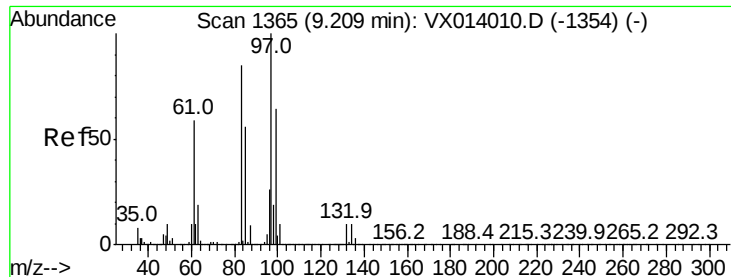


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

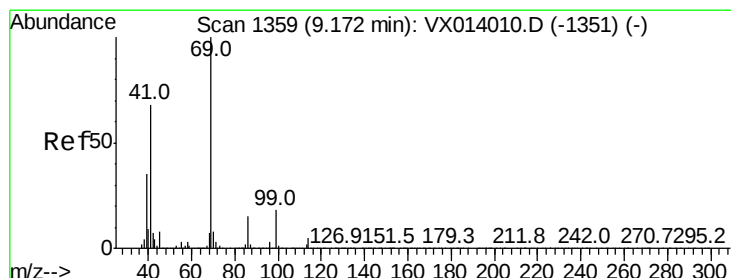
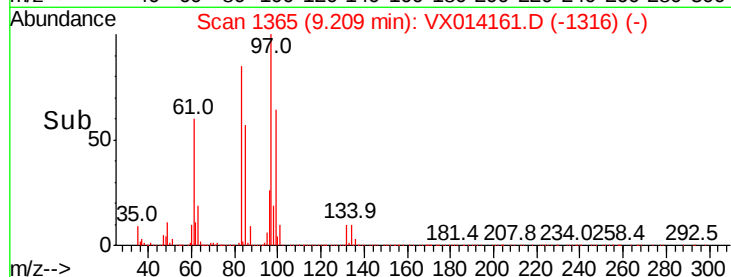
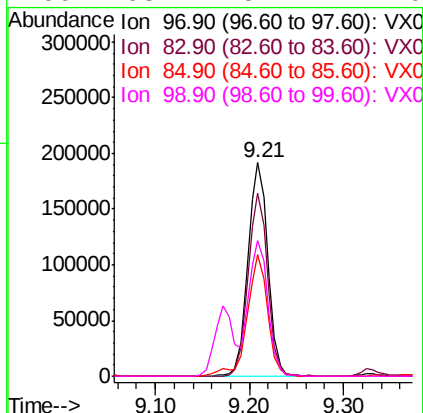
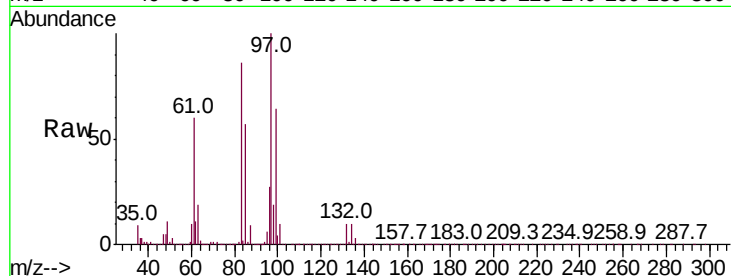




#55
 1,1,2-Trichloroethane
 Concen: 48.684 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

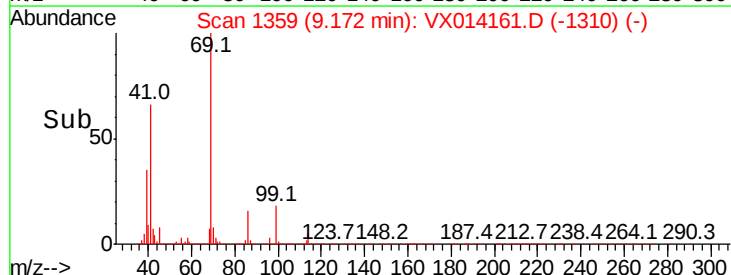
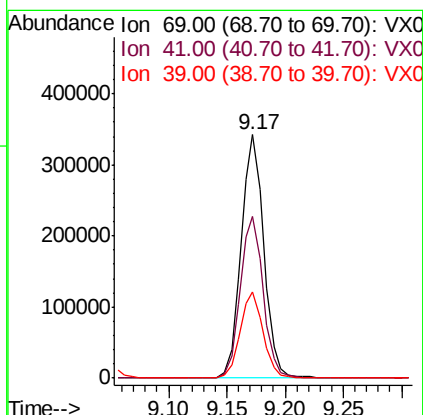
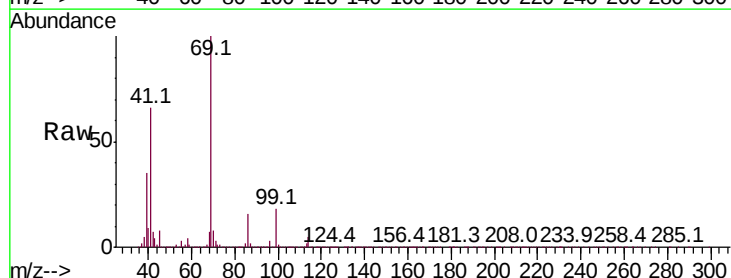
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

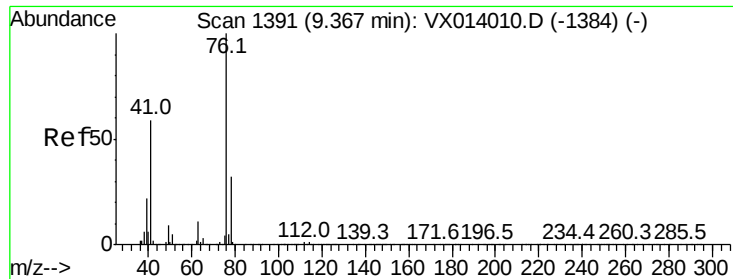
Tot Ion:	97	Resp:	283637
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.4
85	56.8	44.6	66.8
99	63.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 50.907 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion:	69	Resp:	465888
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.8	82.2
39	35.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.231 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

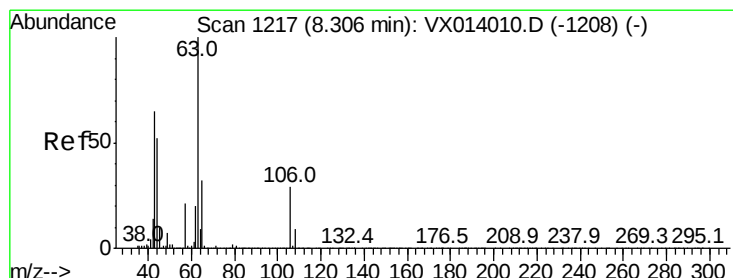
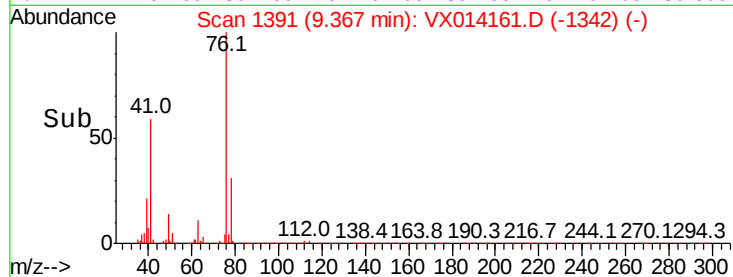
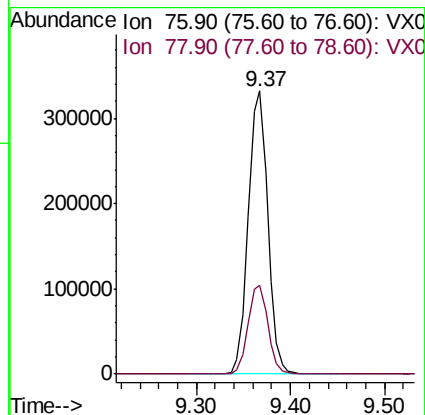
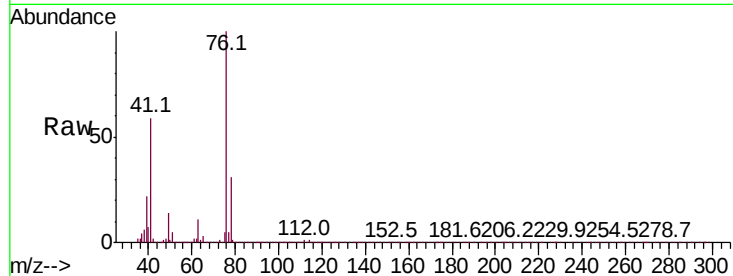
VSTDCCC050EC

Tot Ion: 76 Resp: 482583

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 262.455 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014161.D

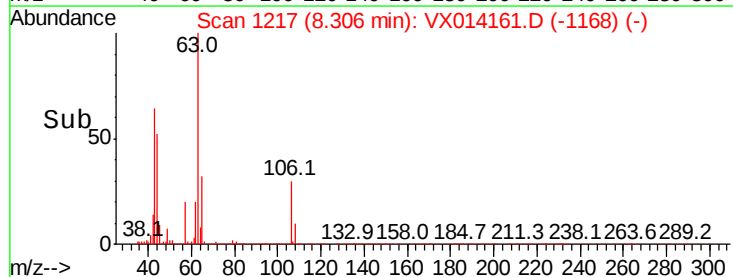
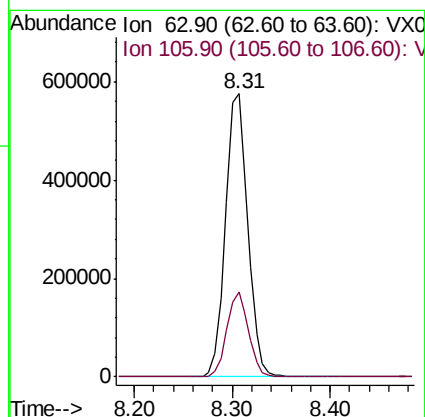
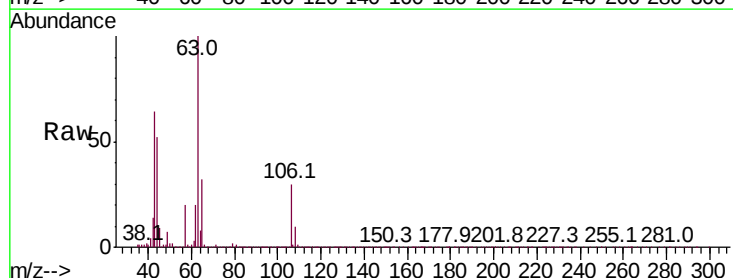
Acq: 20 Dec 2019 08:22

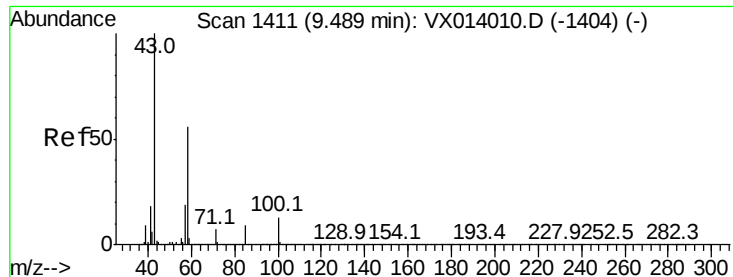
Tgt Ion: 63 Resp: 908976

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

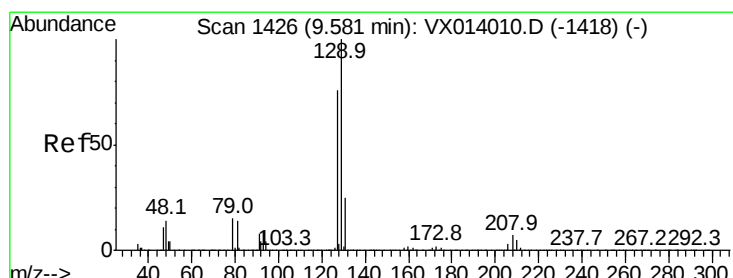
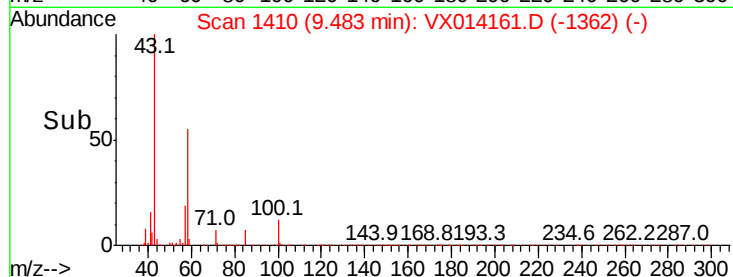
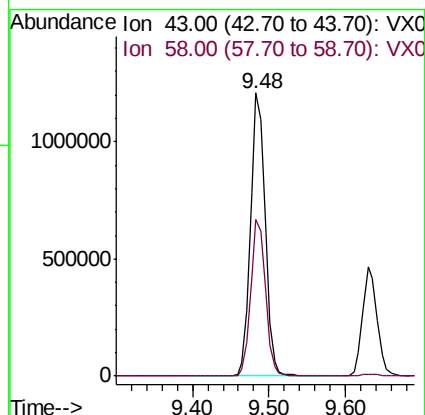
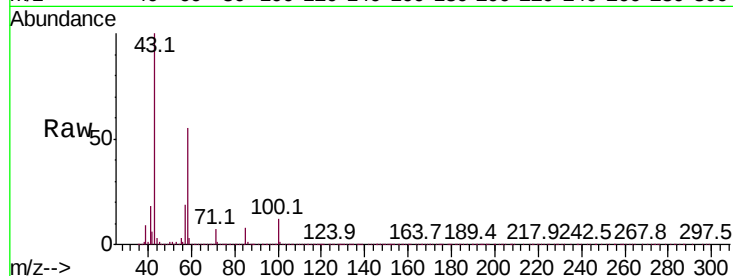




#59
2-Hexanone
Concen: 232.920 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

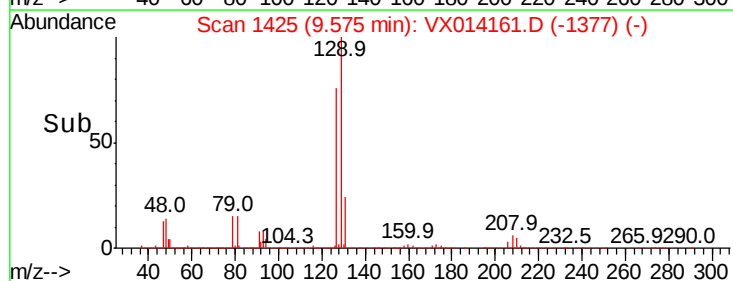
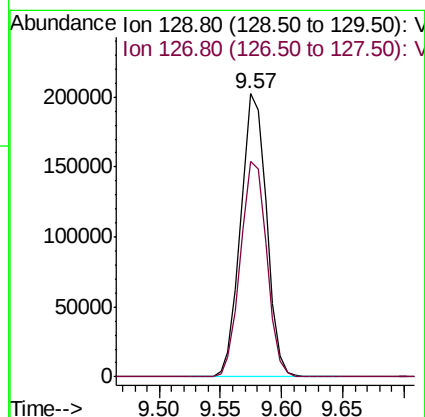
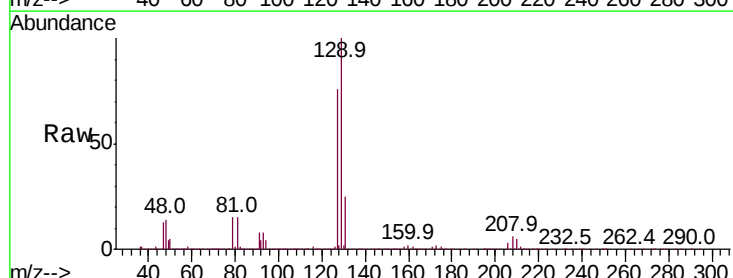
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

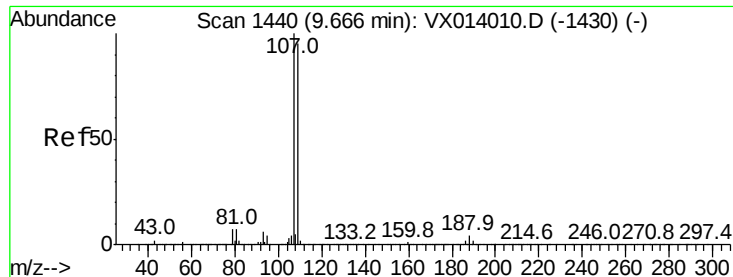
Tot Ion: 43 Resp: 1608514
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 51.192 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 129 Resp: 296462
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.041 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

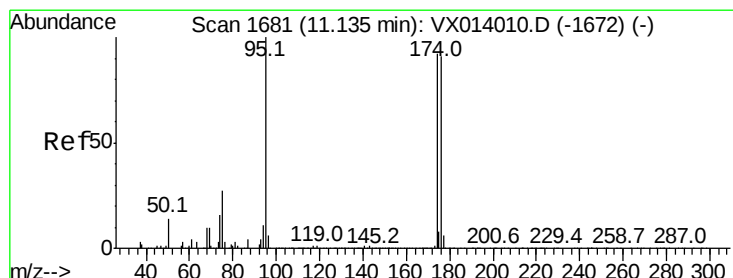
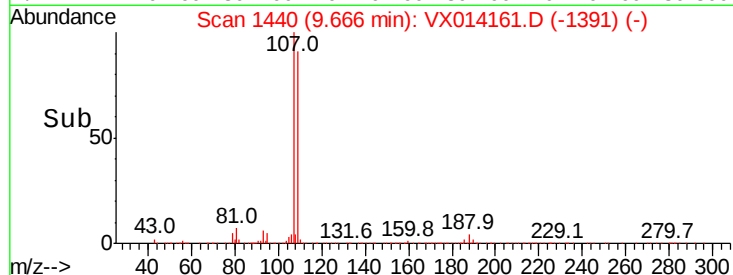
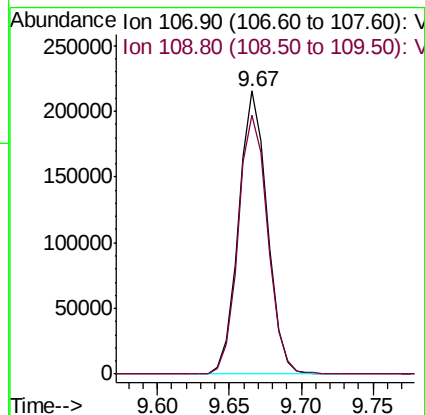
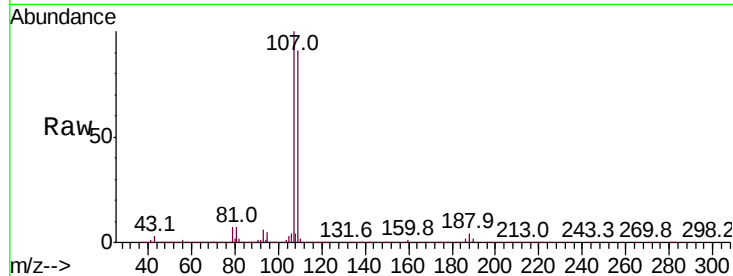
VSTDCCC050EC

Tot Ion:107 Resp: 298295

Ion Ratio Lower Upper

107 100

109 94.2 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 48.894 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

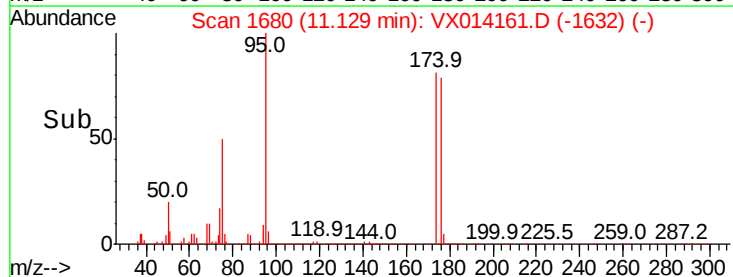
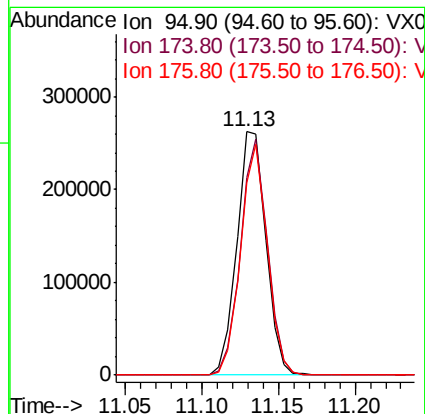
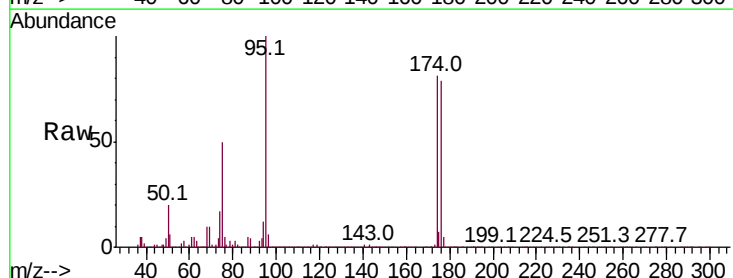
Tgt Ion: 95 Resp: 344574

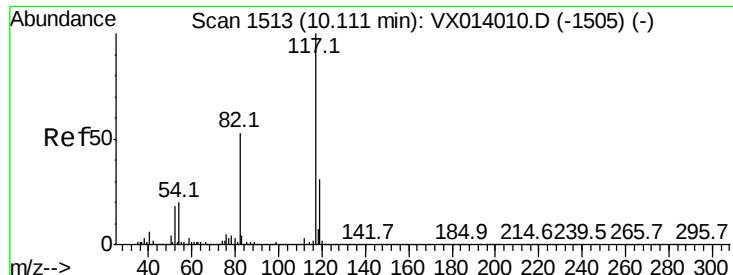
Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.8

176 87.3 0.0 173.0

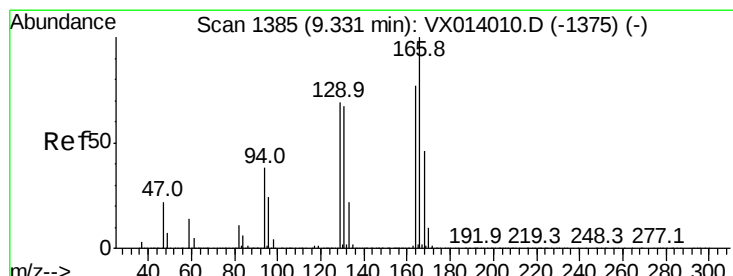
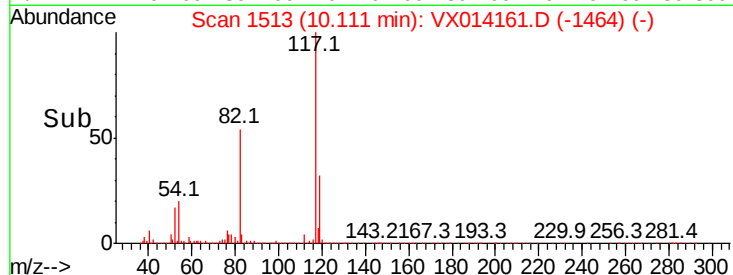
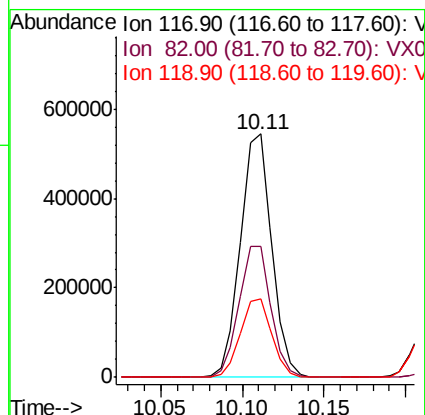
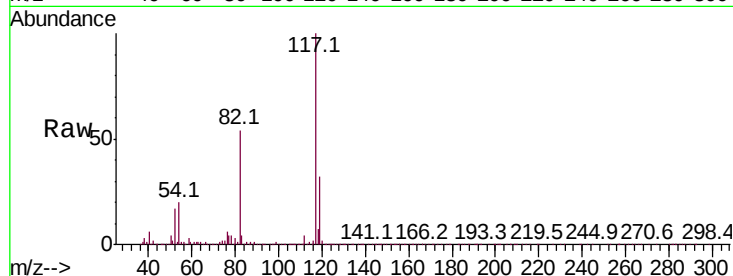




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

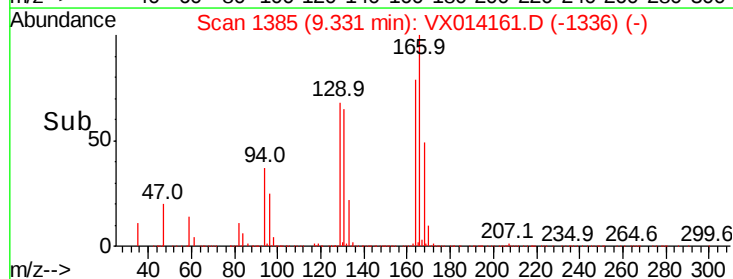
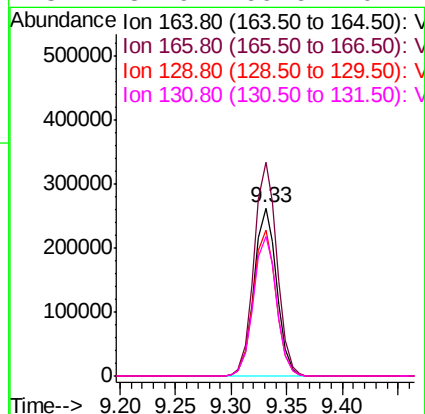
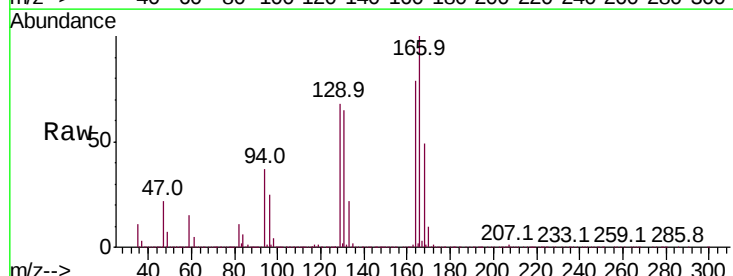
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

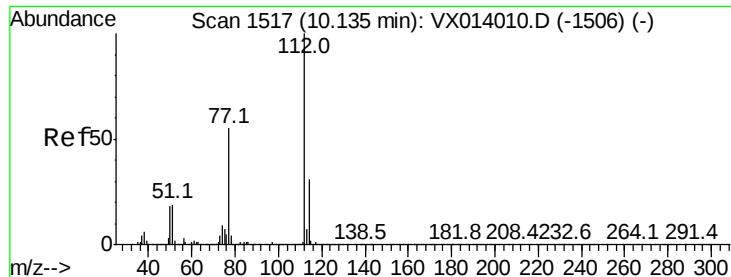
Tot Ion:117 Resp: 731644
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 57.525 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion:164 Resp: 372425
Ion Ratio Lower Upper
164 100
166 127.3 104.0 156.0
129 86.9 72.2 108.4
131 82.9 69.6 104.4





#65

Chlorobenzene

Concen: 48.227 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

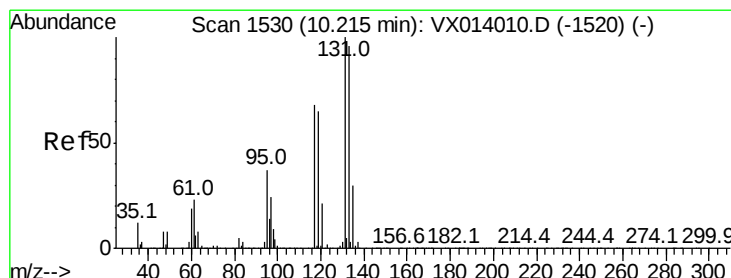
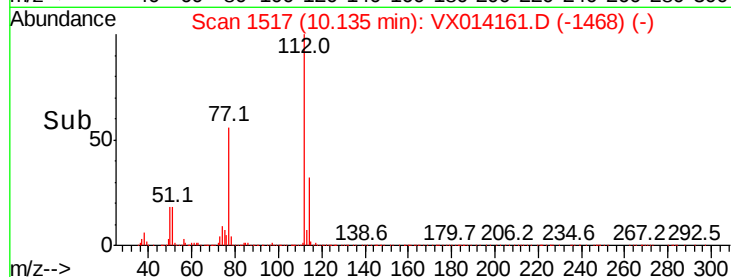
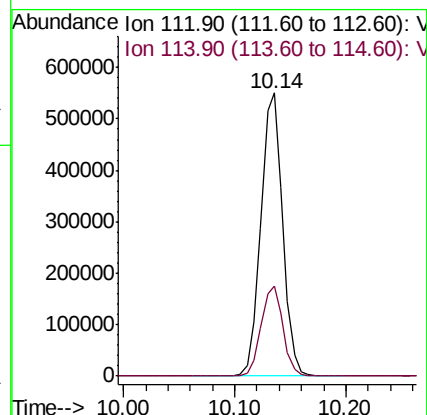
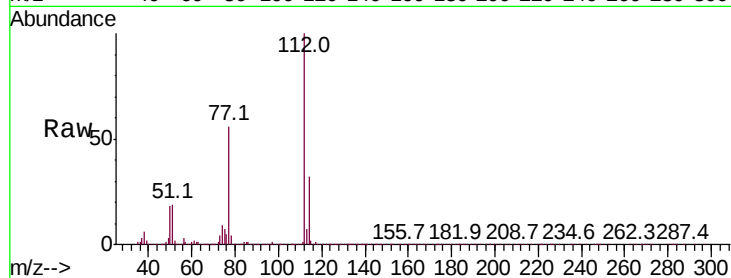
VSTDCCC050EC

Tot Ion:112 Resp: 750248

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.288 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

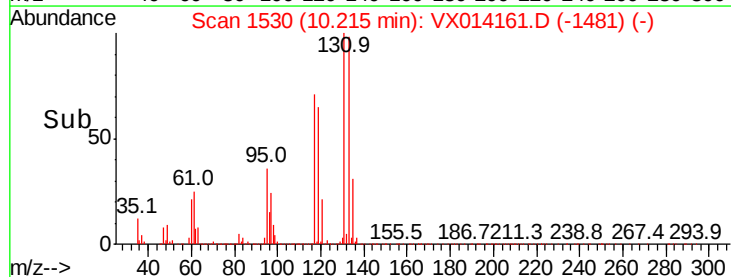
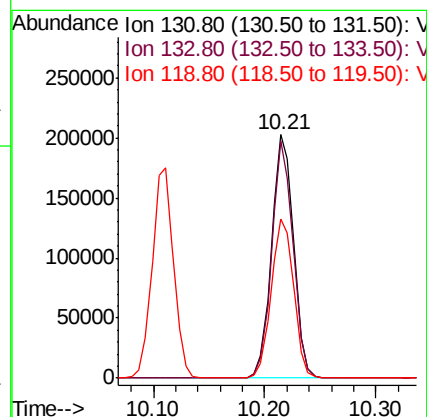
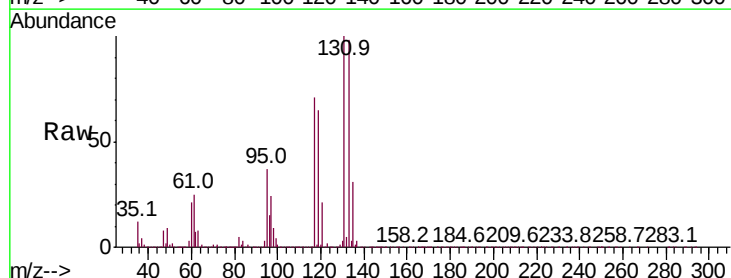
Tgt Ion:131 Resp: 279328

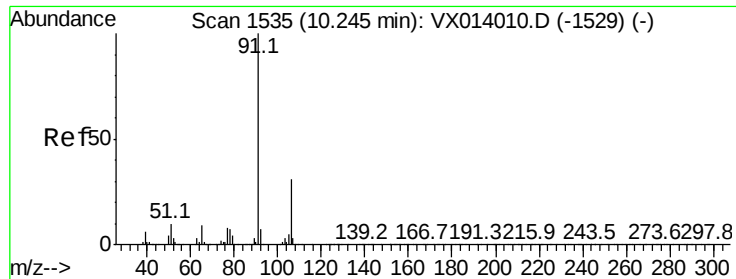
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.0

119 66.7 33.4 100.2

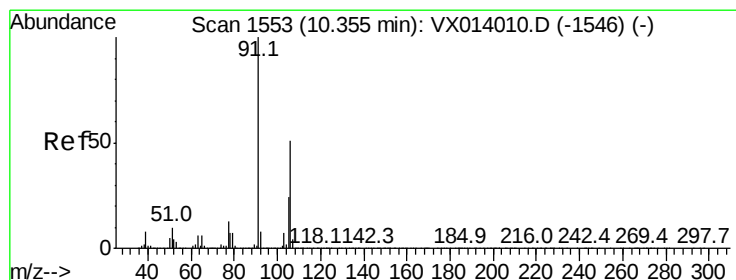
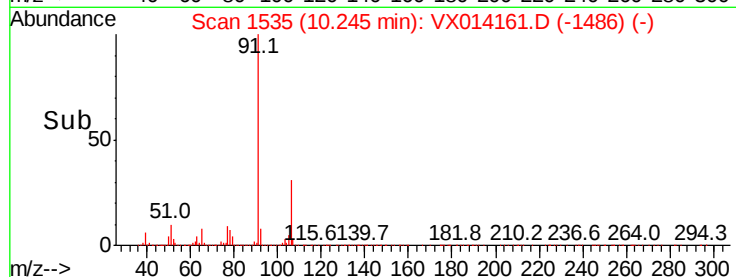
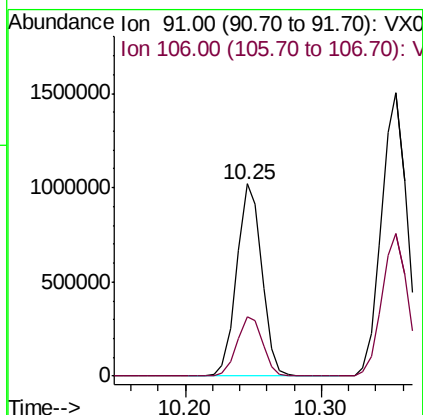
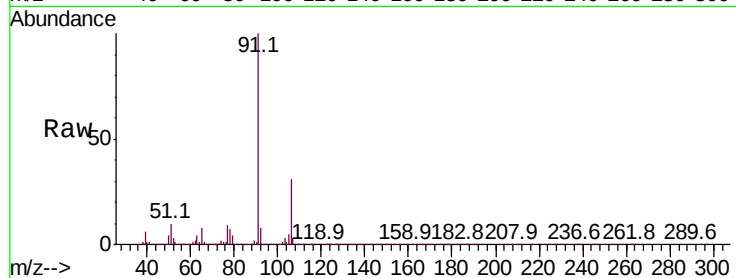




#67
Ethyl Benzene
Concen: 48.984 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

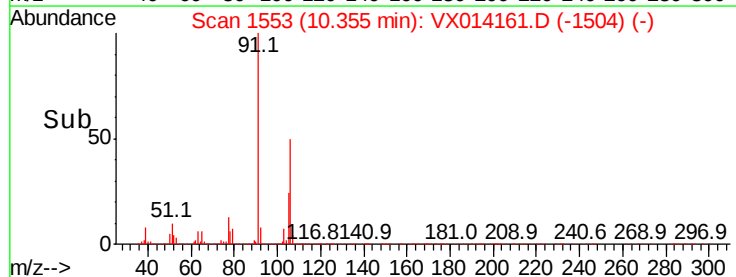
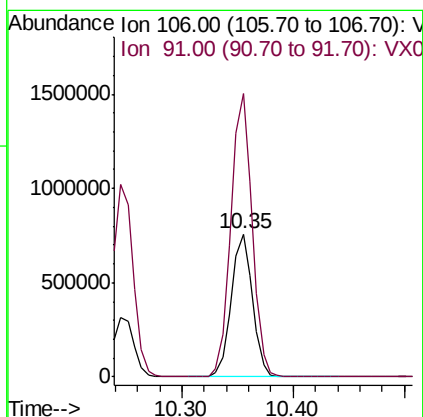
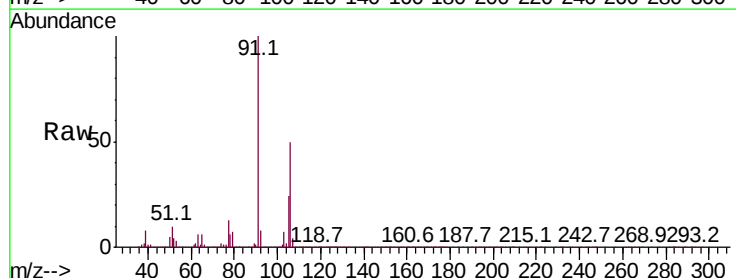
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

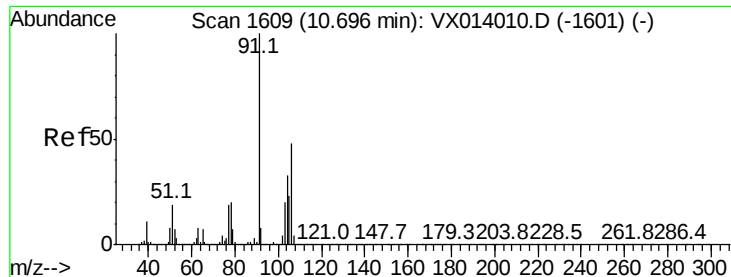
Tot Ion: 91 Resp: 1310083
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 96.770 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 106 Resp: 995442
Ion Ratio Lower Upper
106 100
91 198.8 158.6 238.0

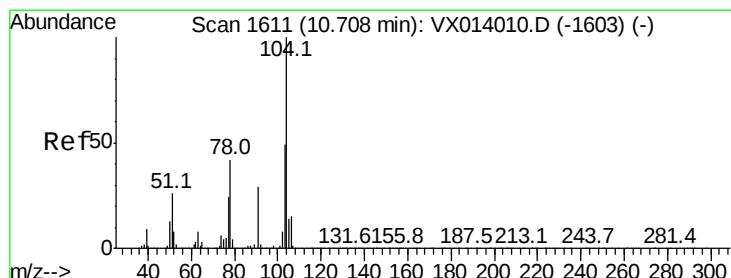
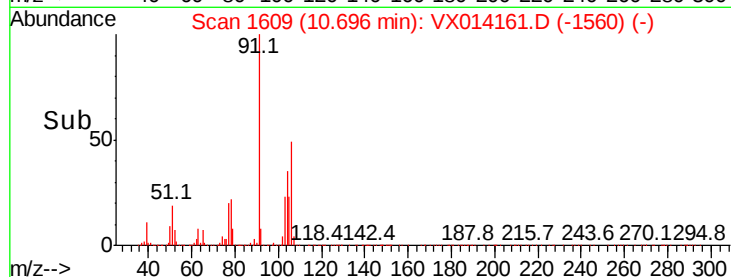
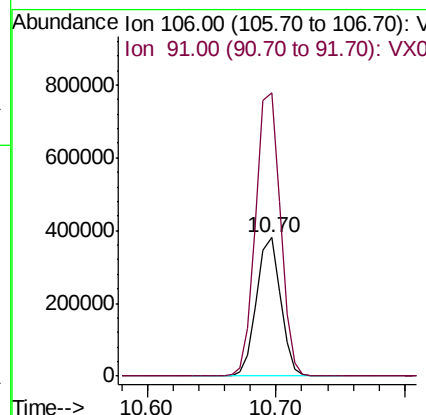
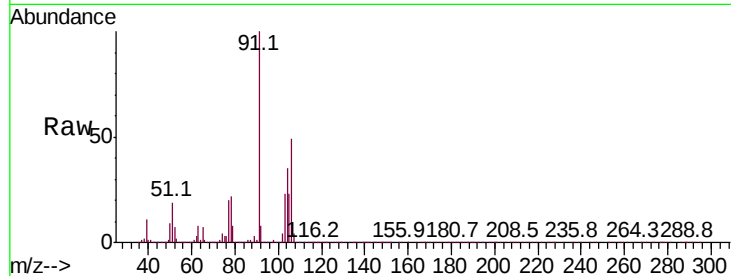




#69
o-Xylene
Concen: 48.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

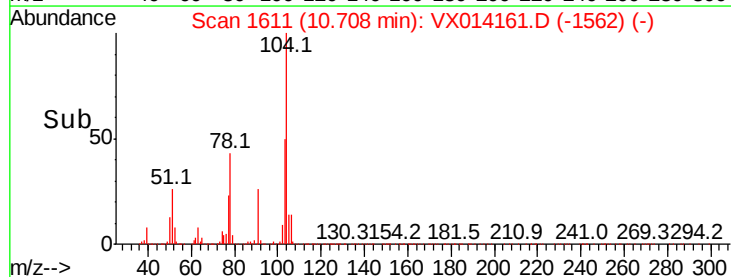
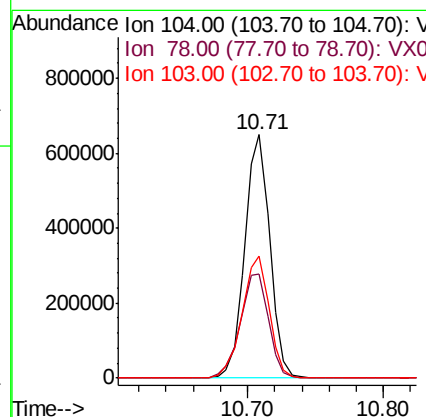
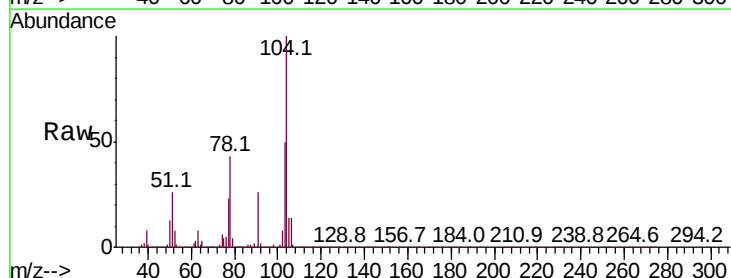
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

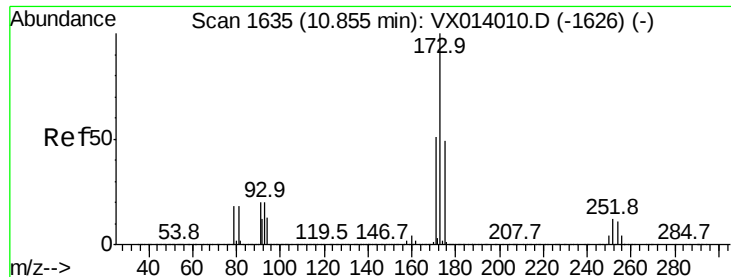
Tot Ion:106 Resp: 488367
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6



#70
Styrene
Concen: 48.824 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion:104 Resp: 832922
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.3 42.9 64.3





#71

Bromoform

Concen: 51.167 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

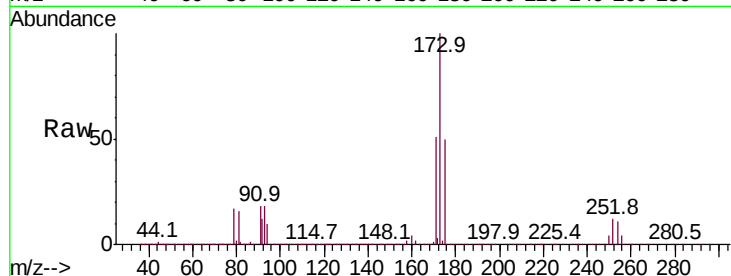
Tot Ion:173 Resp: 228457

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

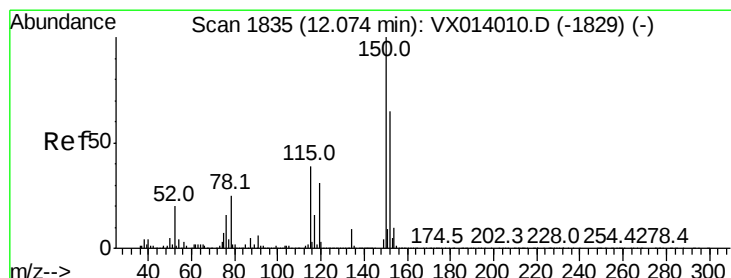
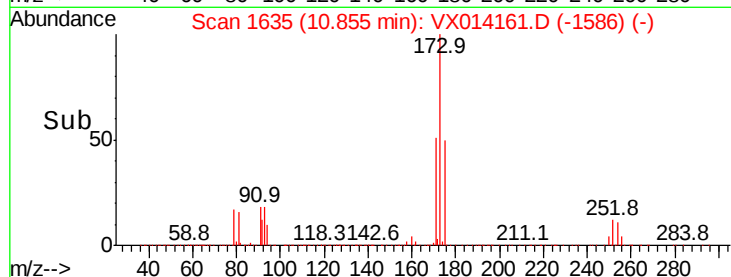
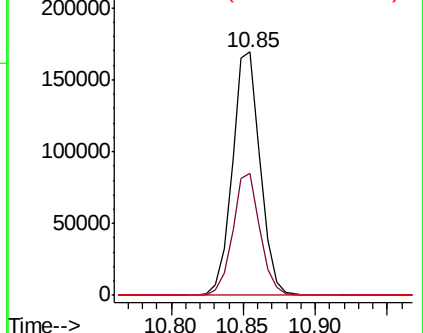
254 0.2 0.2 0.2



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: VX014161.D

Acq: 20 Dec 2019 08:22

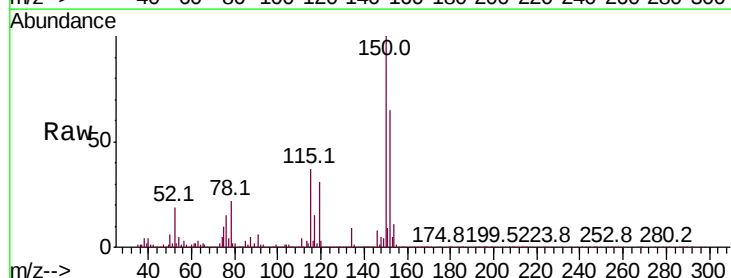
Tgt Ion:152 Resp: 363077

Ion Ratio Lower Upper

152 100

115 76.5 38.3 114.9

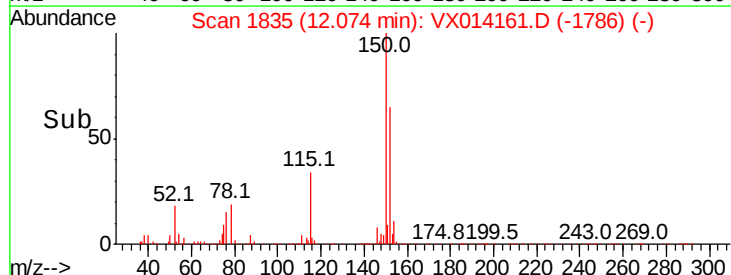
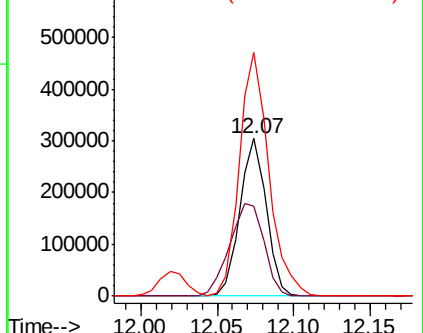
150 172.6 0.0 345.4

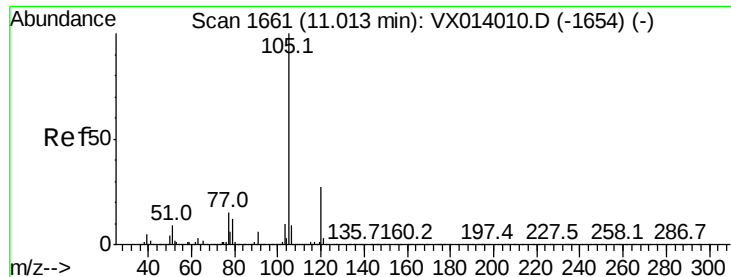


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.074 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

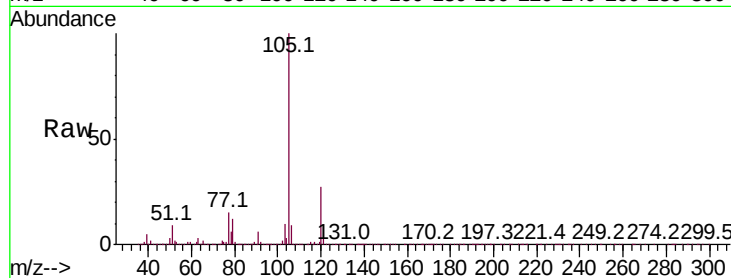
VSTDCCC050EC

Tot Ion:105 Resp: 1280054

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

1200000 Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

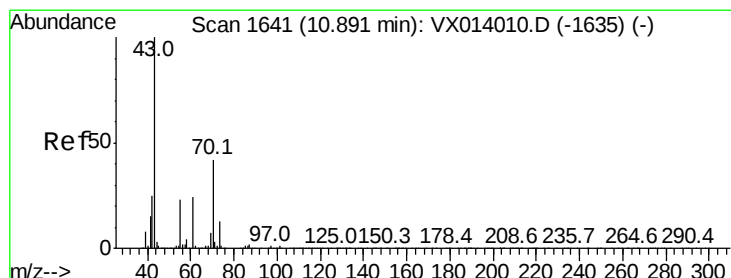
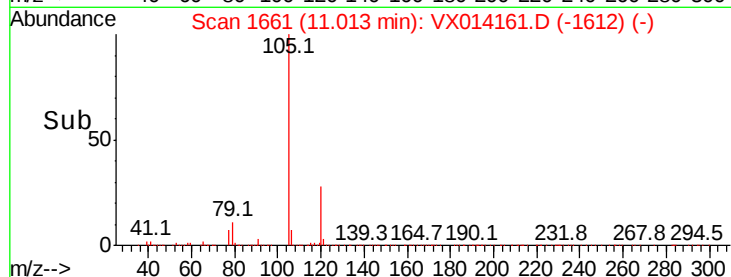
200000

0

11.01

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 50.549 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion: 43 Resp: 605714

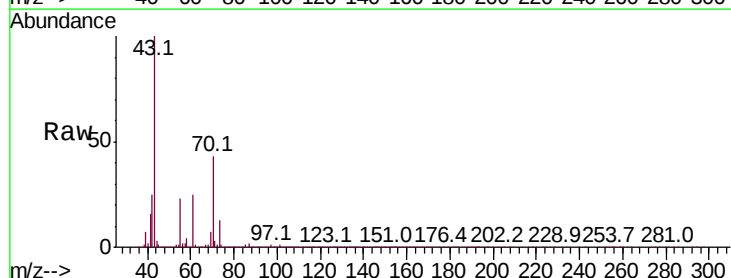
Ion Ratio Lower Upper

43 100

70 43.8 34.4 51.6

55 23.8 19.1 28.7

61 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

800000 Ion 70.00 (69.70 to 70.70): VX0

600000 Ion 55.00 (54.70 to 55.70): VX0

400000 Ion 61.00 (60.70 to 61.70): VX0

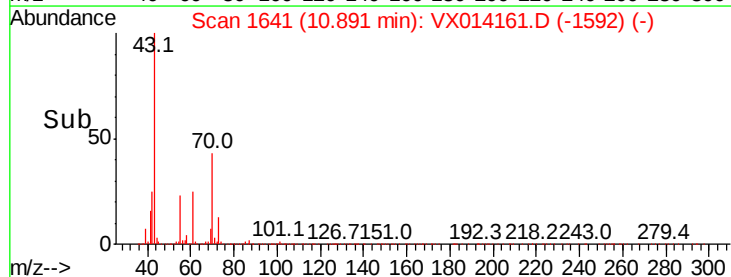
200000

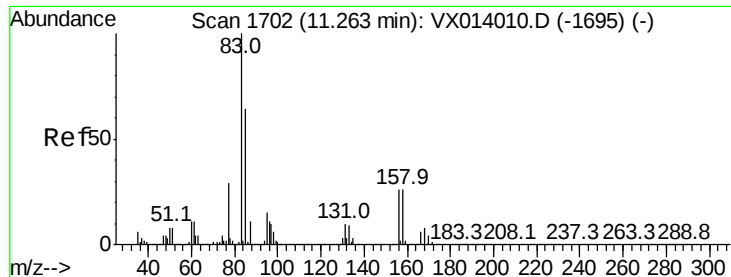
0

10.89

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

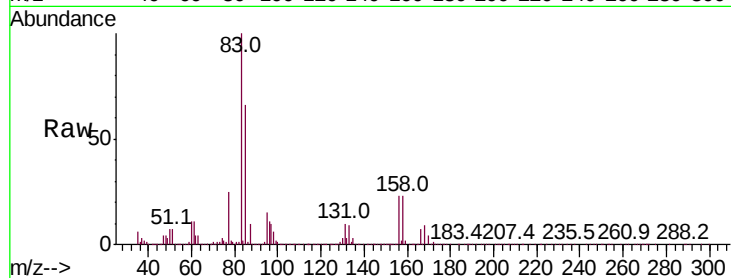
Tot Ion: 83 Resp: 427777

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.2
85	64.8	31.9	95.7

83 100

131 10.0 5.1 15.2

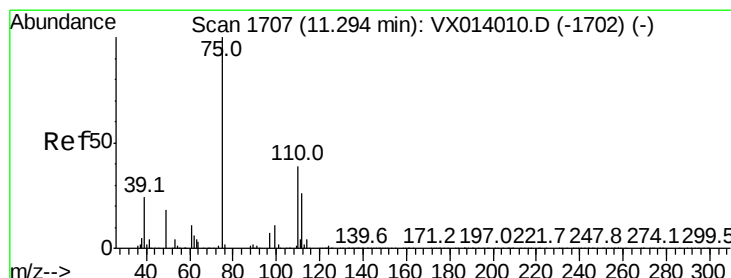
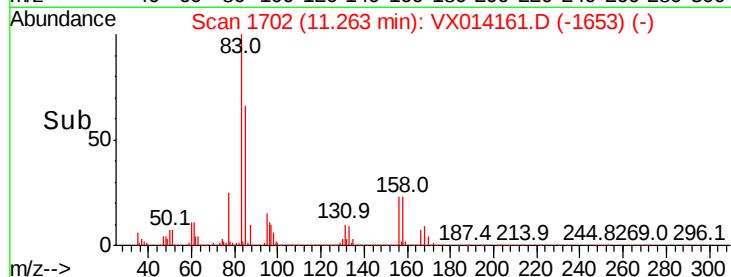
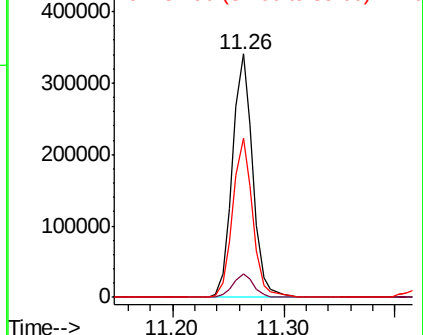
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.203 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014161.D

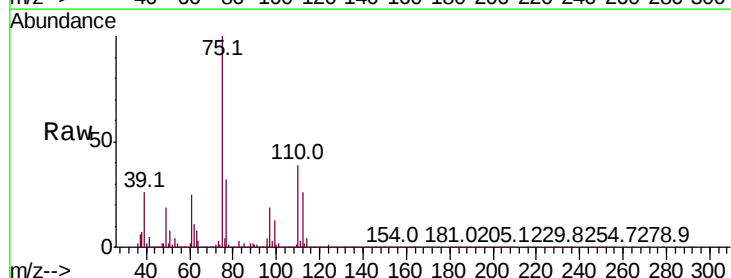
Acq: 20 Dec 2019 08:22

Tgt Ion: 75 Resp: 482420

Ion	Ratio	Lower	Upper
75	100		
77	30.7	19.3	57.8

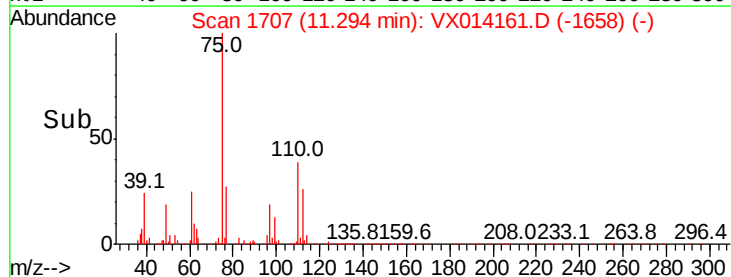
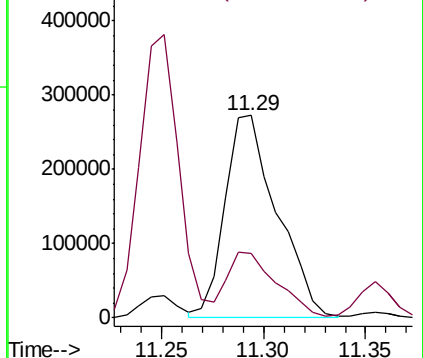
75 100

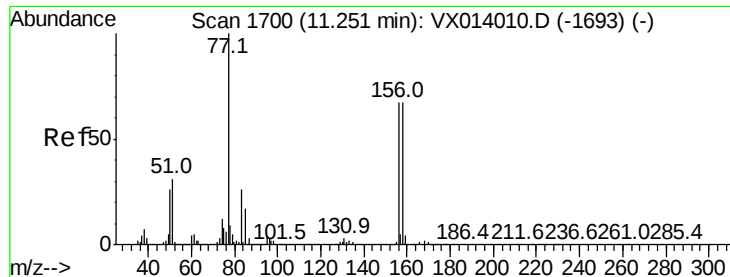
77 30.7 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

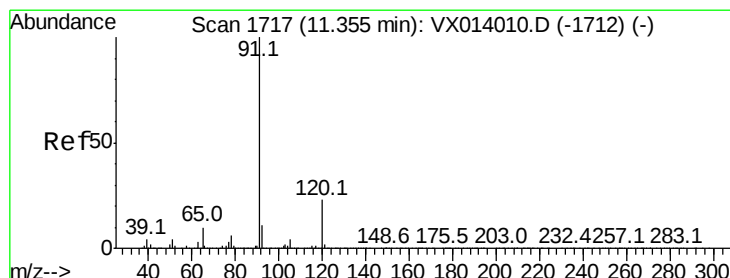
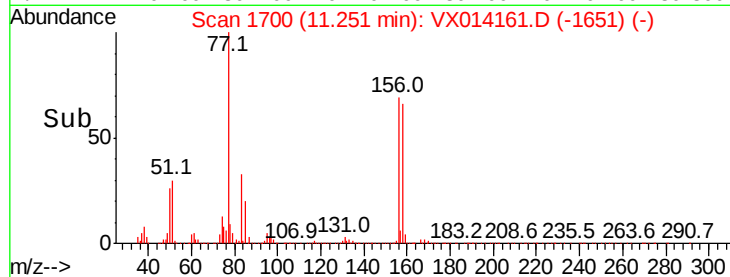
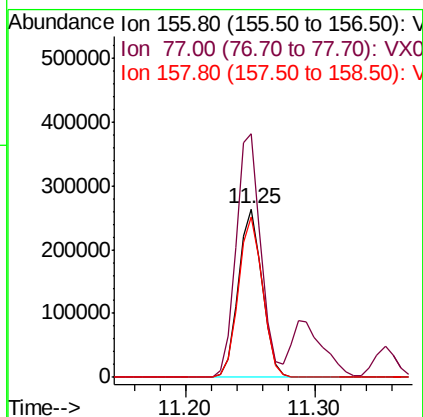
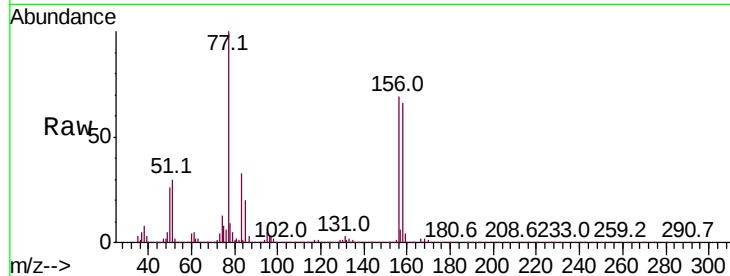




#77
Bromobenzene
Concen: 47.965 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

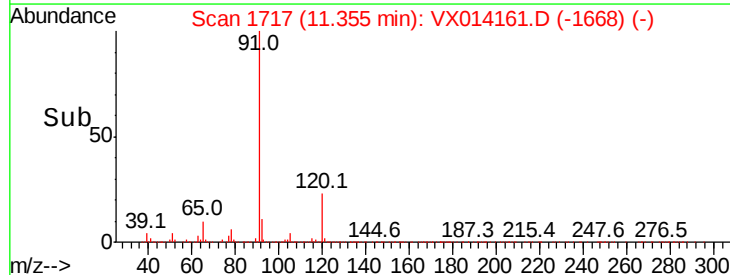
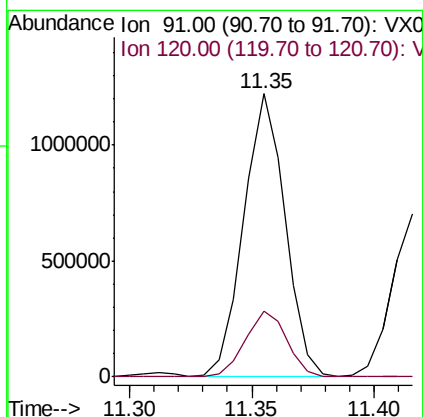
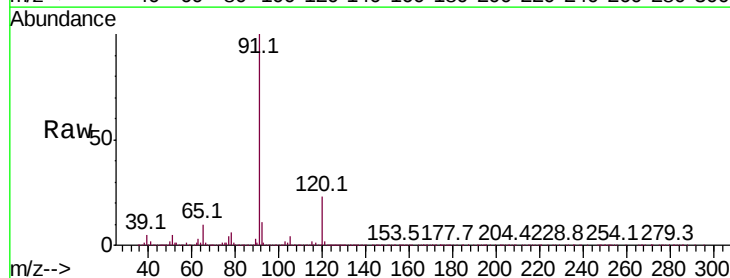
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

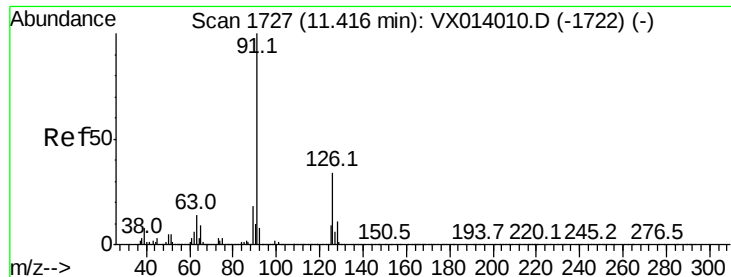
Tot Ion:156 Resp: 337361
Ion Ratio Lower Upper
156 100
77 151.5 76.5 229.5
158 96.5 49.3 147.9



#78
n-propylbenzene
Concen: 49.938 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 91 Resp: 1431911
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 48.590 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

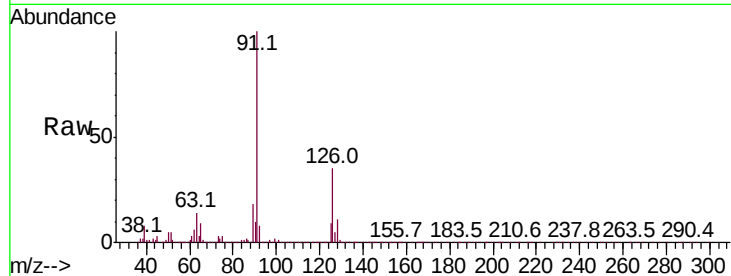
VSTDCCC050EC

Tot Ion: 91 Resp: 846924

Ion Ratio Lower Upper

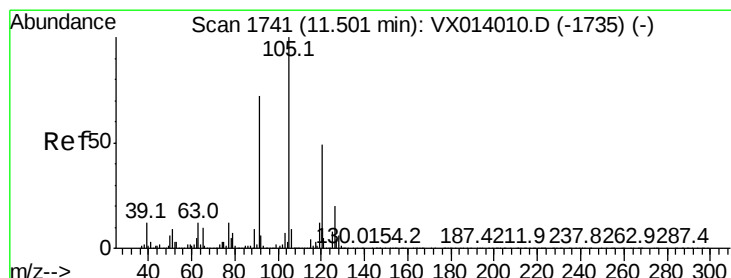
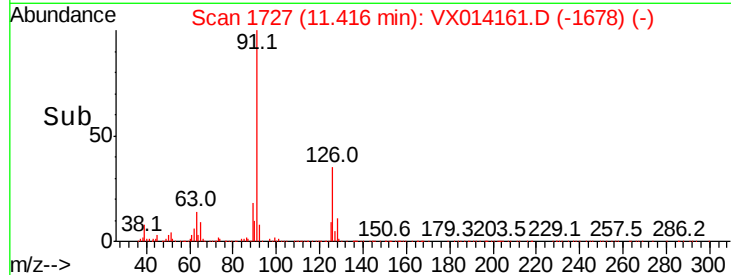
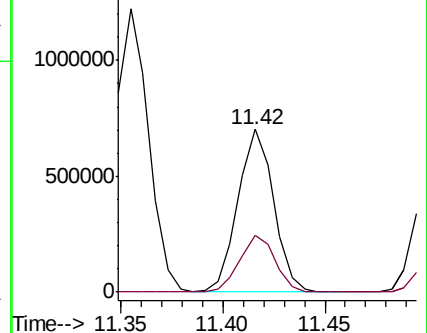
91 100

126 35.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.246 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014161.D

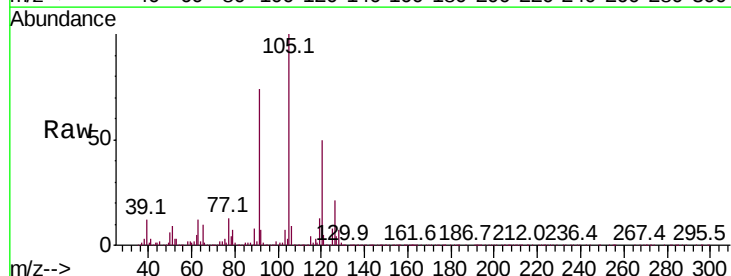
Acq: 20 Dec 2019 08:22

Tgt Ion: 105 Resp: 1059483

Ion Ratio Lower Upper

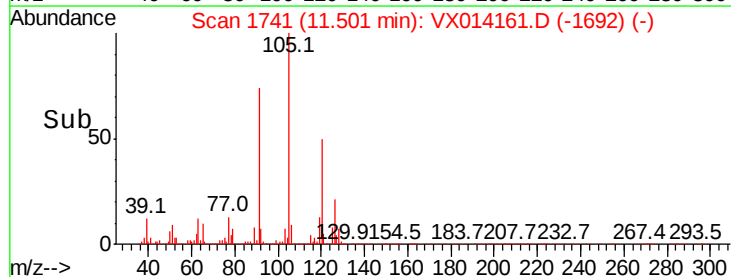
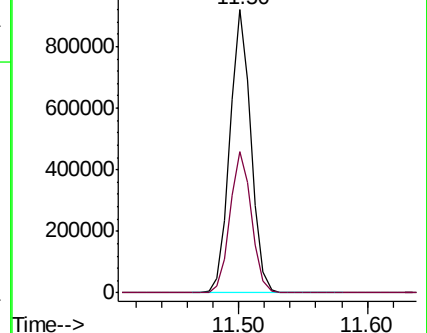
105 100

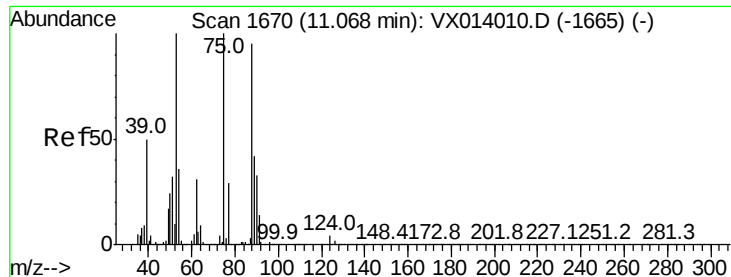
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

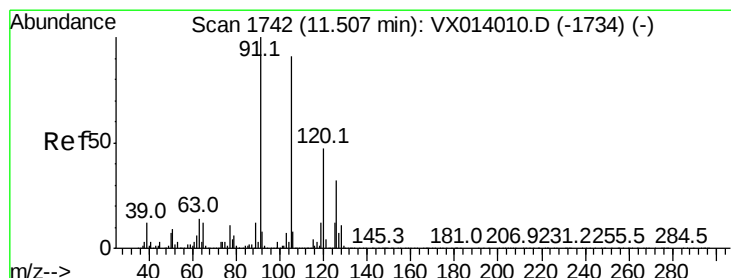
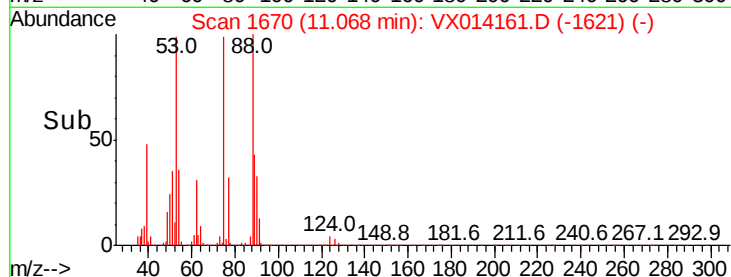
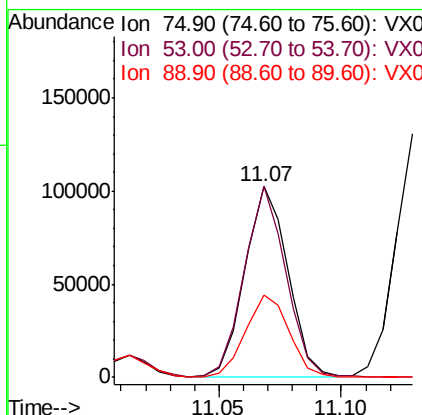
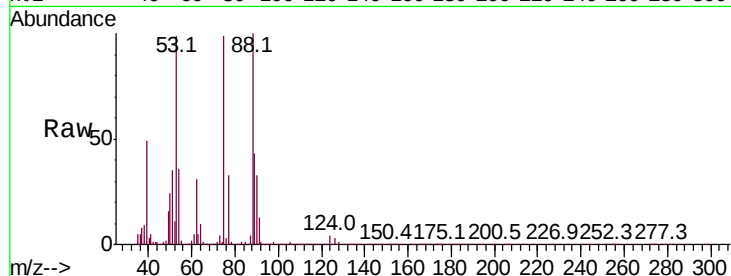




#81
trans-1,4-Dichloro-2-butene
Concen: 44.670 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

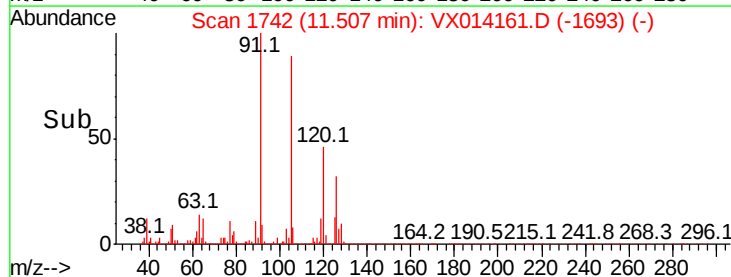
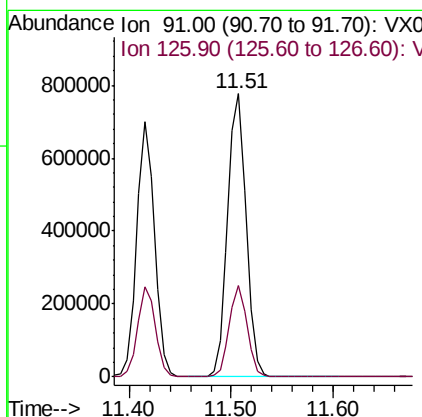
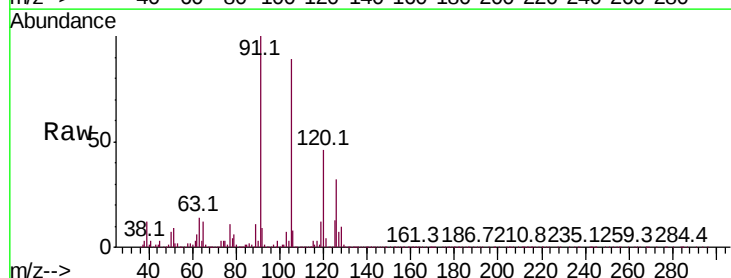
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

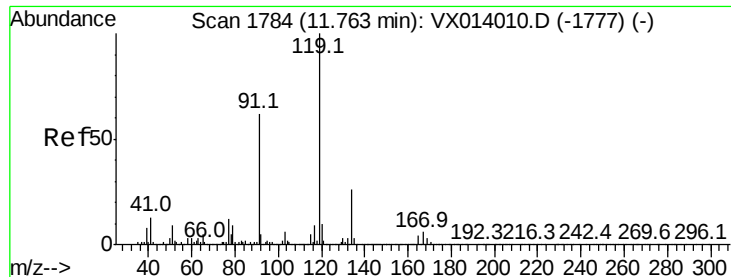
Tot Ion: 75 Resp: 124748
Ion Ratio Lower Upper
75 100
53 97.2 76.7 115.1
89 44.5 34.6 51.8



#82
4-Chlorotoluene
Concen: 48.163 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 91 Resp: 973784
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

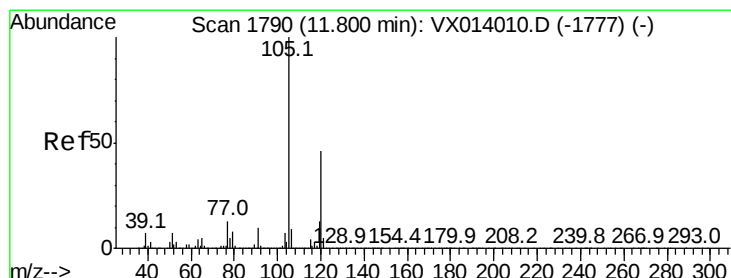
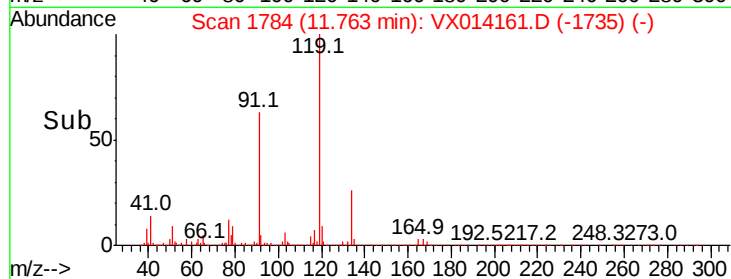
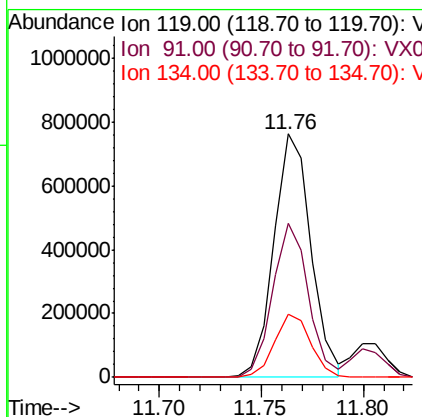
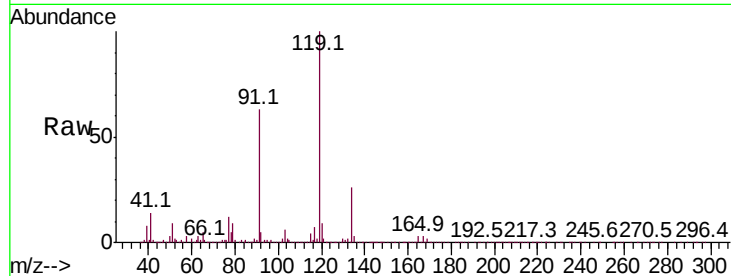




#83
 tert-Butylbenzene
 Concen: 46.232 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

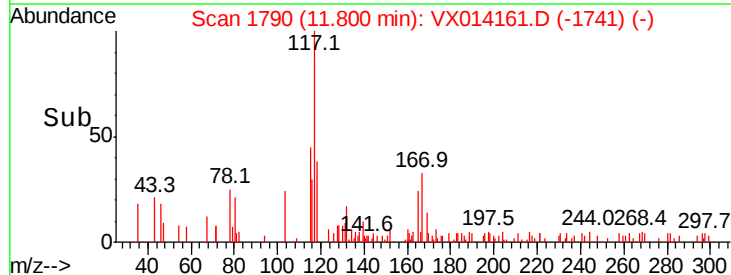
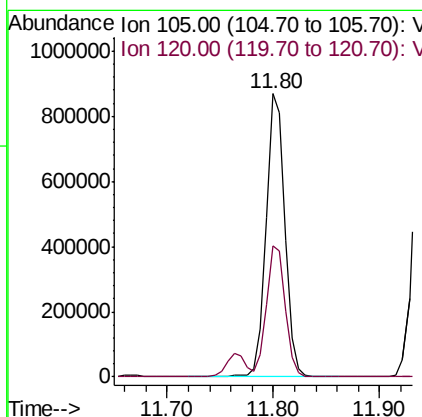
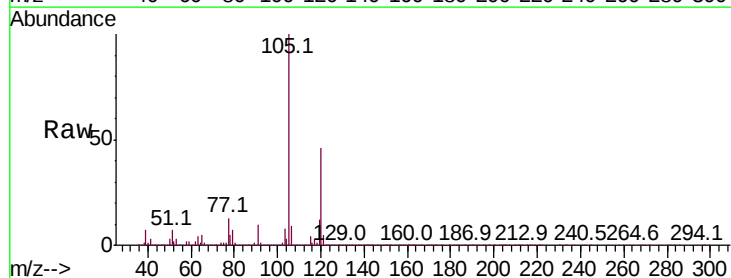
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

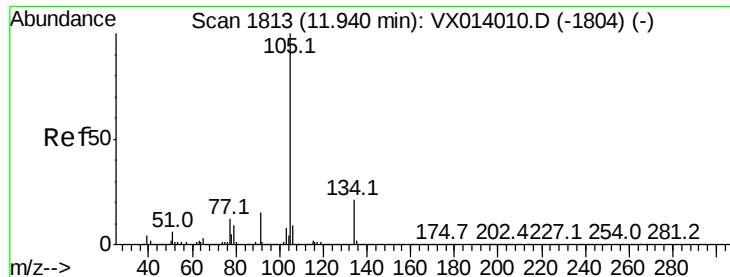
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	28.5	85.6
134	25.4	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.769 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2

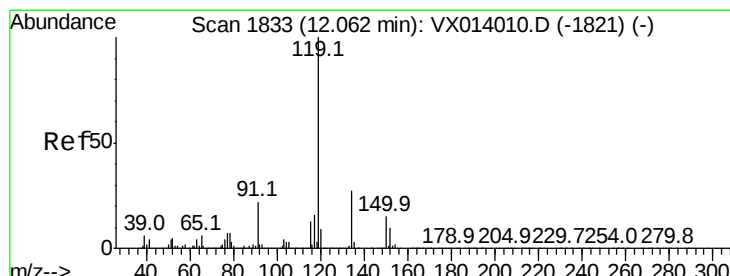
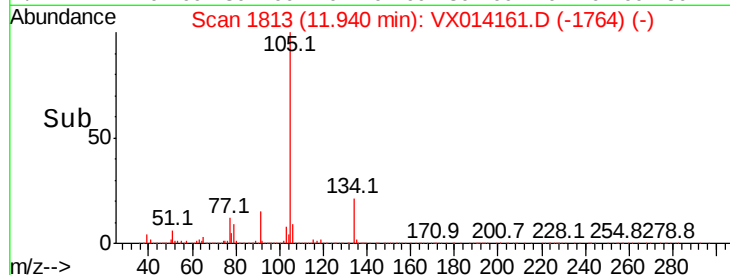
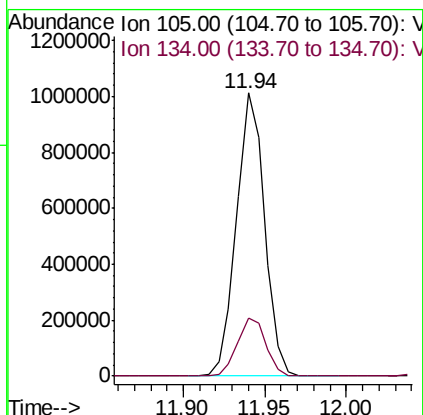
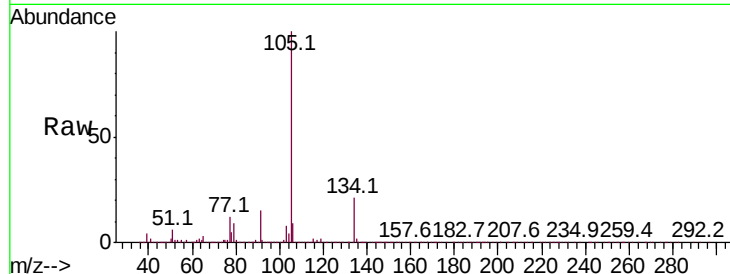




#85
 sec-Butylbenzene
 Concen: 49.274 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

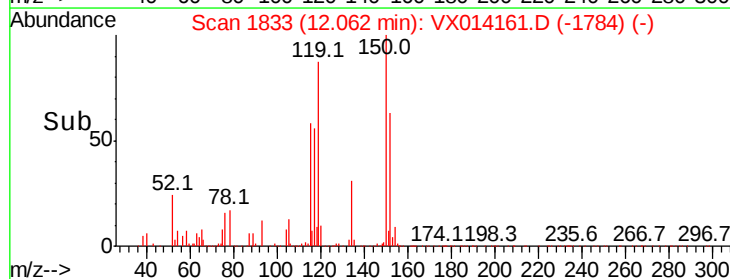
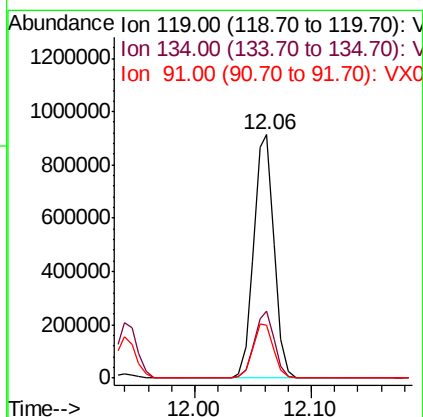
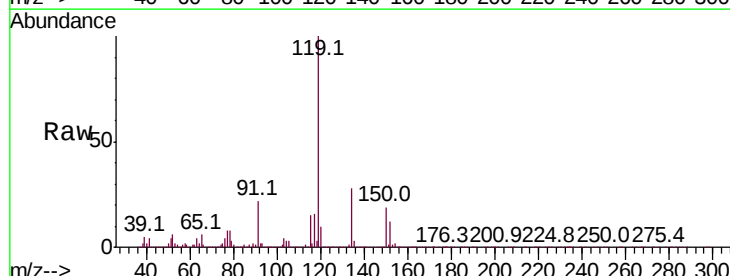
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

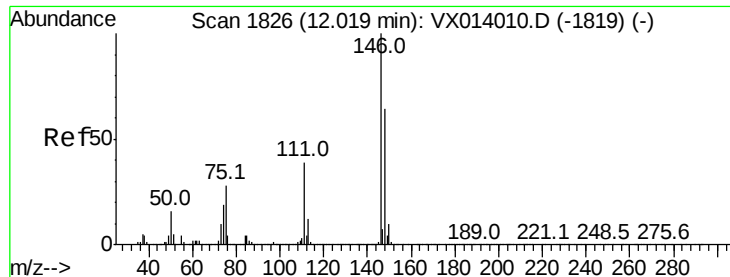
Tot Ion:105 Resp: 1217892
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.182 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion:119 Resp: 1111962
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.510 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

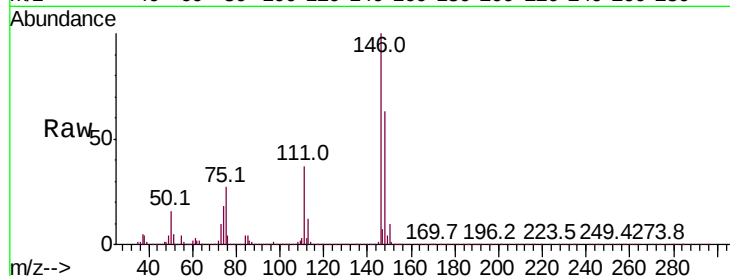
Tot Ion:146 Resp: 585643

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.1

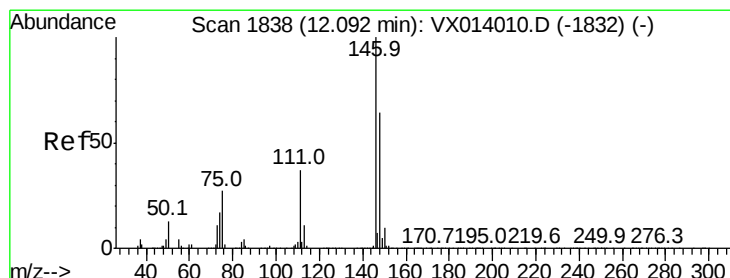
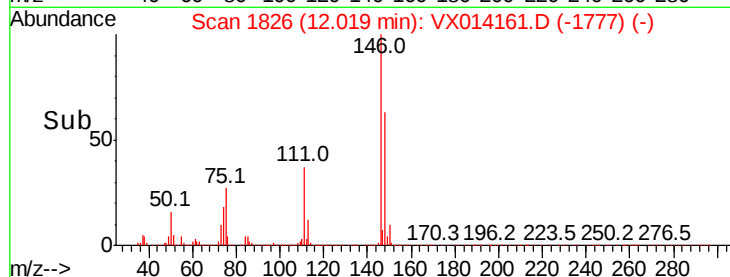
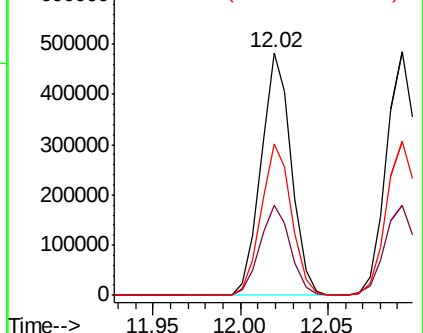
148 62.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.579 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

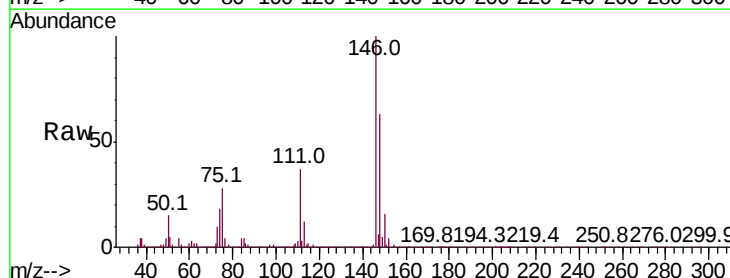
Tgt Ion:146 Resp: 583816

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

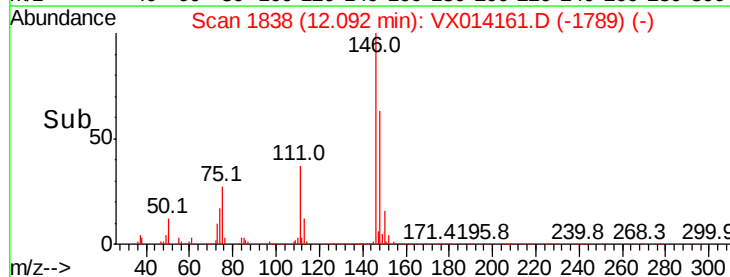
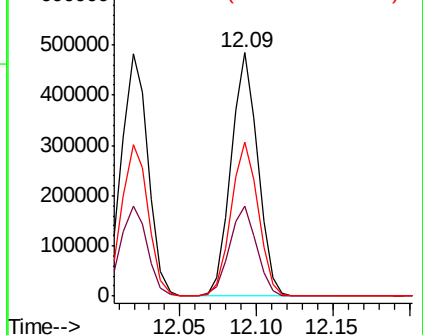
148 64.3 31.9 95.9

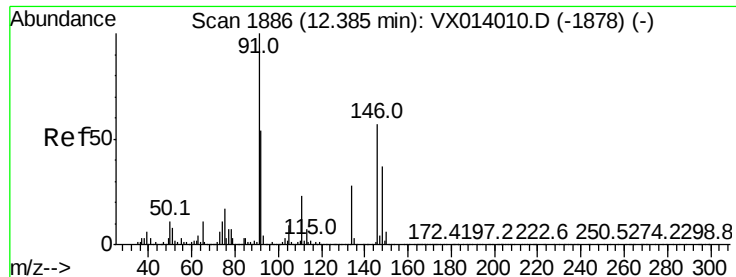


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.788 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

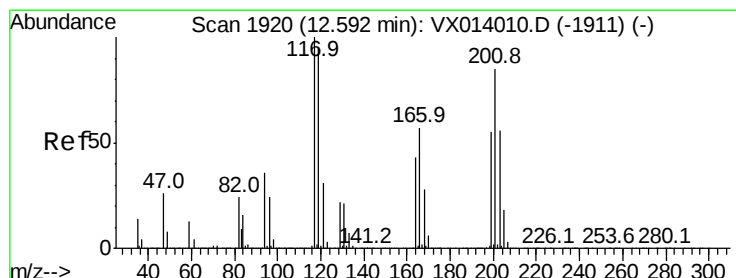
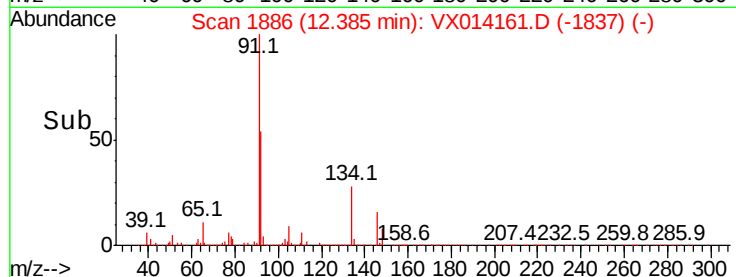
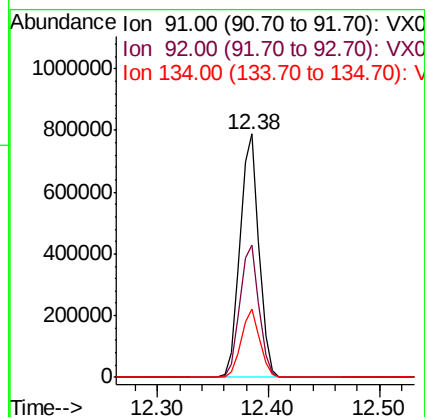
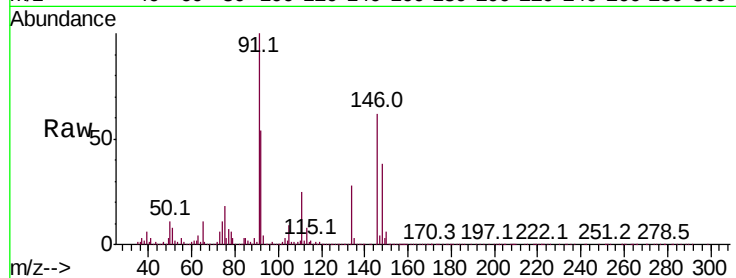
Tot Ion: 91 Resp: 921900

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.6

134 27.3 13.4 40.1



#90

Hexachloroethane

Concen: 48.686 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014161.D

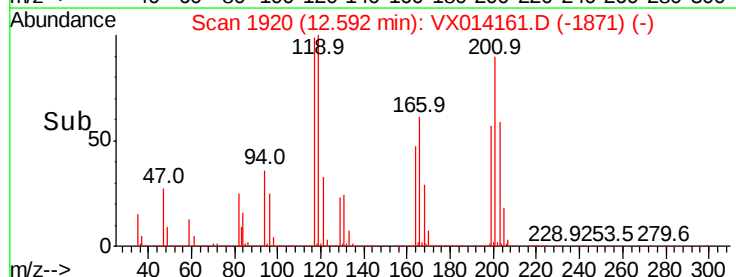
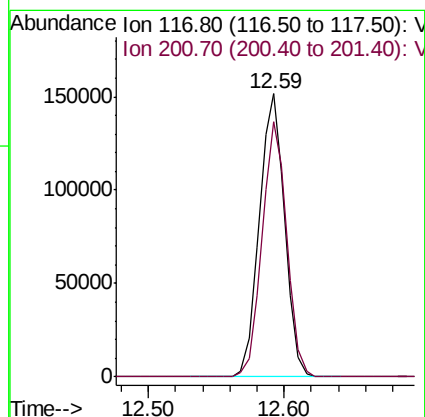
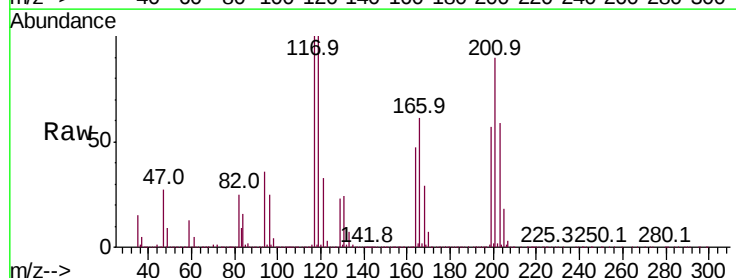
Acq: 20 Dec 2019 08:22

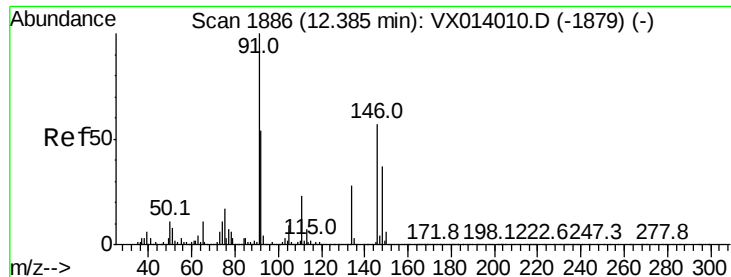
Tgt Ion: 117 Resp: 197715

Ion Ratio Lower Upper

117 100

201 88.3 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 47.875 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

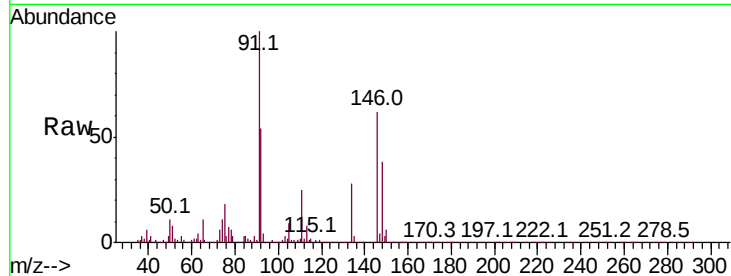
Tot Ion:146 Resp: 594082

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

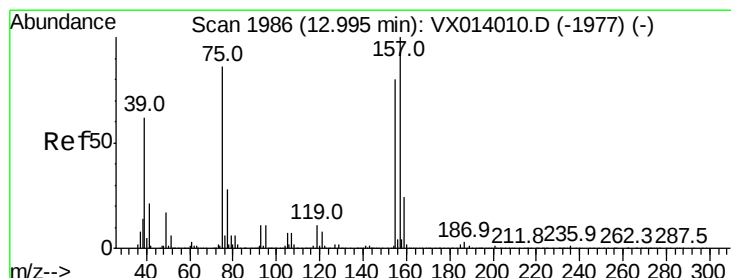
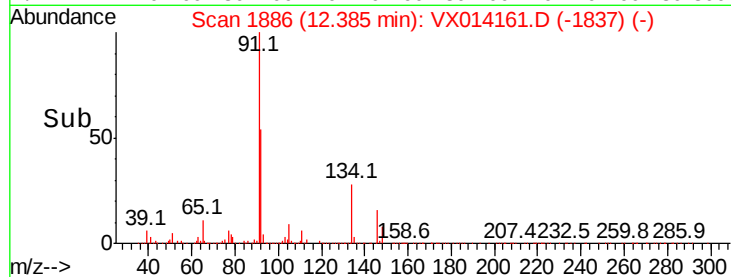
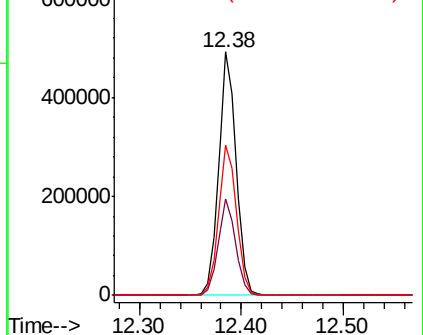
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.221 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

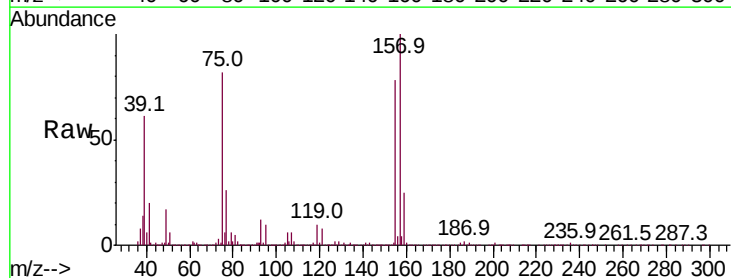
Tgt Ion: 75 Resp: 94574

Ion Ratio Lower Upper

75 100

155 96.4 46.9 140.6

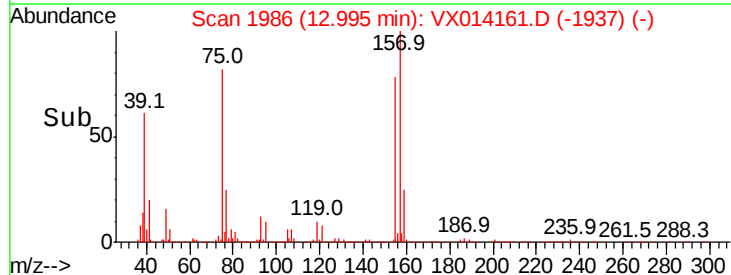
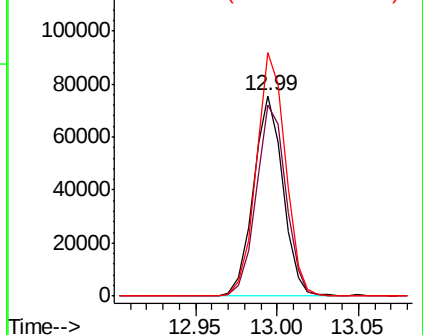
157 121.4 60.8 182.4

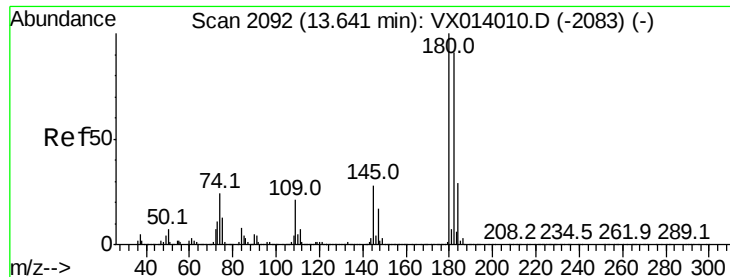


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

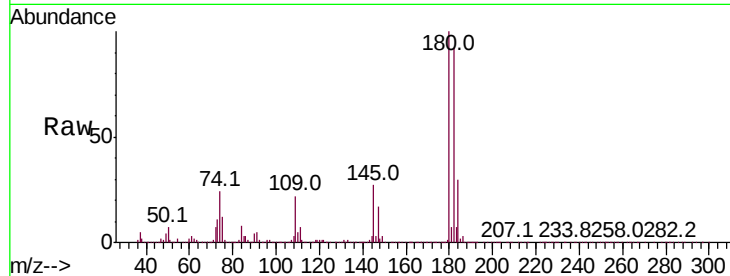




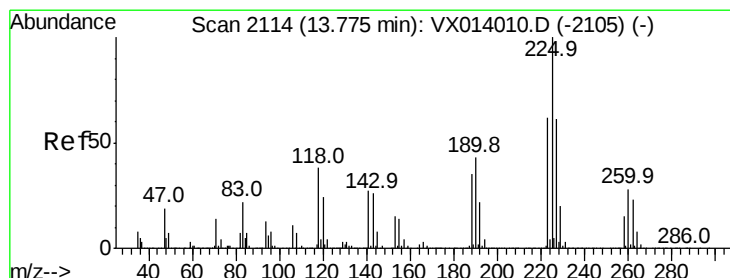
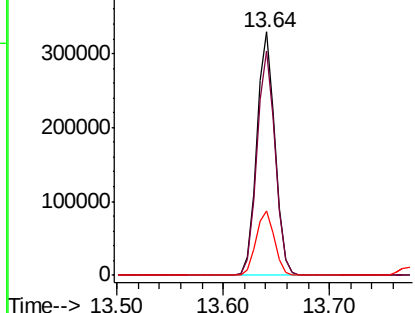
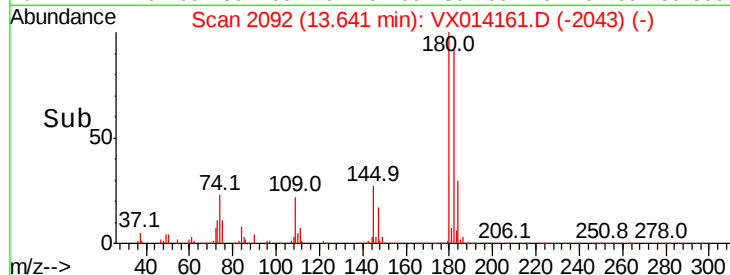
#93
 1,2,4-Trichlorobenzene
 Concen: 48.663 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 392481
 Ion Ratio Lower Upper
 180 100
 182 93.0 46.6 139.8
 145 26.9 14.2 42.6

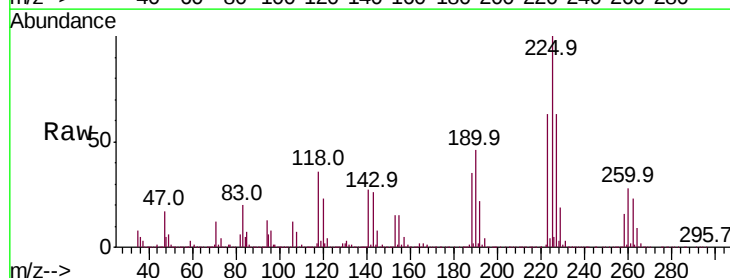


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

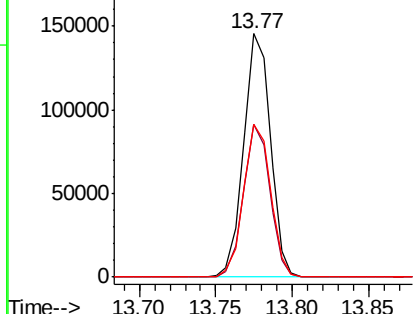
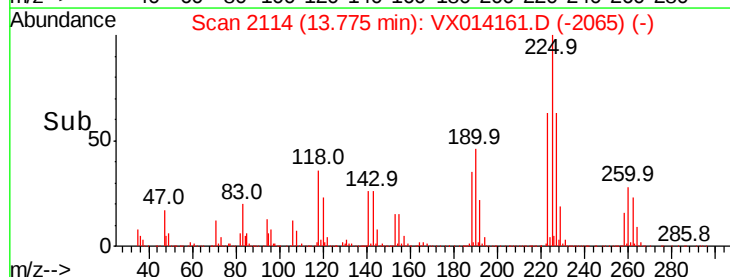


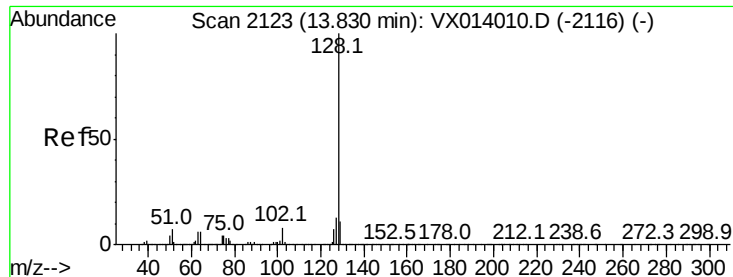
#94
 Hexachlorobutadiene
 Concen: 45.687 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion:225 Resp: 177090
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.5
 227 63.3 30.9 92.7



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





#95

Naphthalene

Concen: 53.764 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

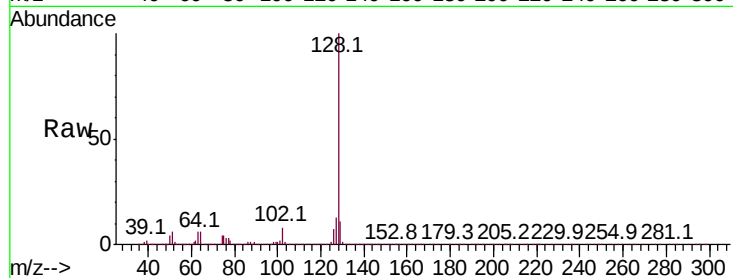
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1274013

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

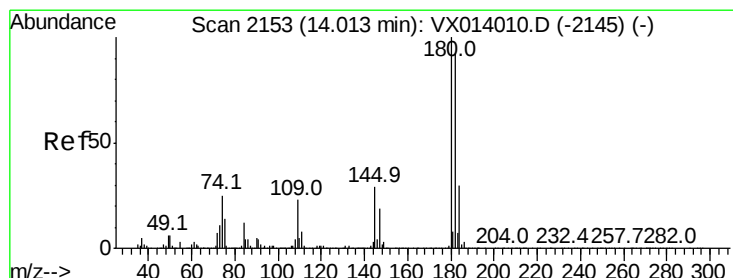
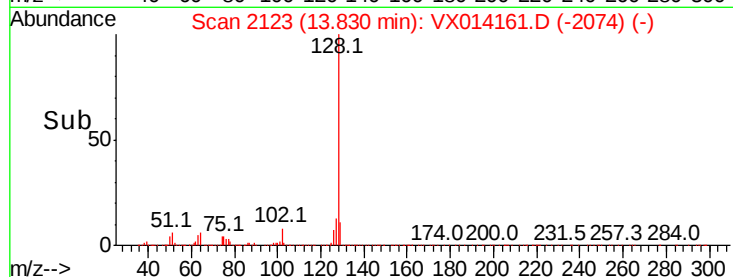
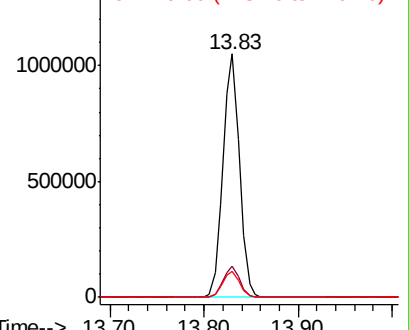


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.021 ug/l

RT: 14.01 min Scan# 2153

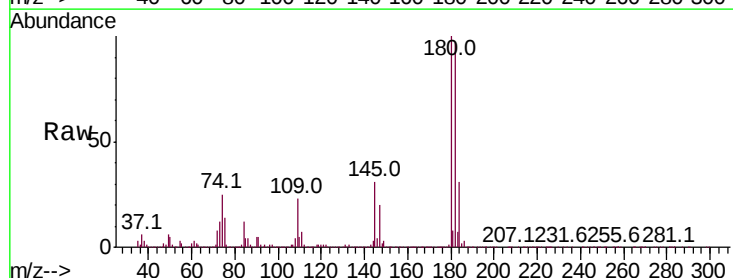
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:180 Resp: 390290

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	29.9	14.8	44.4



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

