

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015115.D
 Acq On : 05 Mar 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 06 02:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	364110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	561501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	530669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	287153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	214990	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.49	113	176881	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	681465	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	246434	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	152958	47.973	ug/l	98
3) Chloromethane	1.32	50	208660	46.200	ug/l	100
4) Vinyl Chloride	1.40	62	223466	48.795	ug/l	98
5) Bromomethane	1.64	94	113412	40.281	ug/l	99
6) Chloroethane	1.72	64	146059	53.167	ug/l	99
7) Trichlorofluoromethane	1.92	101	267631	49.113	ug/l	96
8) Diethyl Ether	2.18	74	120440	48.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	169373	49.402	ug/l	99
10) Methyl Iodide	2.50	142	112507	29.046	ug/l	99
11) Tert butyl alcohol	3.03	59	158922	212.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	170217	48.107	ug/l	96
13) Acrolein	2.28	56	137635	195.415	ug/l	99
14) Allyl chloride	2.72	41	298356	48.359	ug/l	99
15) Acrylonitrile	3.13	53	469651	251.625	ug/l	100
16) Acetone	2.43	43	386617	221.000	ug/l	99
17) Carbon Disulfide	2.56	76	462929	47.111	ug/l	100
18) Methyl Acetate	2.76	43	196388	45.911	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	563434	50.958	ug/l	98
20) Methylene Chloride	2.85	84	192536	47.028	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	184410	48.810	ug/l	98
22) Diisopropyl ether	3.84	45	625127	50.857	ug/l	98
23) Vinyl Acetate	3.80	43	2647949	262.067	ug/l	100
24) 1,1-Dichloroethane	3.69	63	337035	49.403	ug/l	99
25) 2-Butanone	4.65	43	621925	242.834	ug/l	99
26) 2,2-Dichloropropane	4.58	77	258825	47.791	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	210801	49.734	ug/l	100
28) Bromochloromethane	5.01	49	159085	51.210	ug/l	96
29) Tetrahydrofuran	5.11	42	409746	248.192	ug/l	99
30) Chloroform	5.20	83	333312	50.128	ug/l	98
31) Cyclohexane	5.58	56	304202	49.991	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	279382	50.687	ug/l	99
36) 1,1-Dichloropropene	5.79	75	250662	48.289	ug/l	99
37) Ethyl Acetate	4.82	43	254735	52.904	ug/l	99
38) Carbon Tetrachloride	5.78	117	242360	49.464	ug/l	98

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Quant Time: Mar 06 02:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	301275	49.705	ug/l	100
40) Benzene	6.14	78	763558	49.580	ug/l	99
41) Methacrylonitrile	5.03	41	143013	49.448	ug/l	98
42) 1,2-Dichloroethane	6.19	62	270578	51.161	ug/l	98
43) Isopropyl Acetate	6.44	43	424852	50.156	ug/l	100
44) Trichloroethene	7.21	130	208275	48.561	ug/l	99
45) 1,2-Dichloropropane	7.51	63	198700	49.846	ug/l	100
46) Dibromomethane	7.65	93	129317	49.787	ug/l	99
47) Bromodichloromethane	7.89	83	262503	51.107	ug/l	99
48) Methyl methacrylate	7.76	41	213520	49.526	ug/l	98
49) 1,4-Dioxane	7.73	88	74287	796.953	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1296723	258.914	ug/l	100
52) Toluene	8.78	92	482106	51.198	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285943	52.303	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	317195	51.321	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	193552	49.939	ug/l	97
56) Ethyl methacrylate	9.17	69	296707	53.671	ug/l	100
57) 1,3-Dichloropropane	9.37	76	327811	50.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	781691	259.554	ug/l	100
59) 2-Hexanone	9.48	43	965000	259.962	ug/l	100
60) Dibromochloromethane	9.58	129	212472	52.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	203890	50.085	ug/l	99
64) Tetrachloroethene	9.33	164	204608	46.633	ug/l	98
65) Chlorobenzene	10.14	112	527186	49.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	192265	47.859	ug/l	99
67) Ethyl Benzene	10.25	91	922196	50.974	ug/l	100
68) m/p-Xylenes	10.36	106	705830	102.544	ug/l	98
69) o-Xylene	10.70	106	338167	51.314	ug/l	100
70) Styrene	10.71	104	588966	52.123	ug/l	100
71) Bromoform	10.85	173	155293	49.849	ug/l #	99
73) Isopropylbenzene	11.01	105	907988	49.499	ug/l	100
74) N-amyl acetate	10.89	43	382018	49.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	287392	47.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	327368	57.154	ug/l	78
77) Bromobenzene	11.25	156	238742	46.701	ug/l	99
78) n-propylbenzene	11.35	91	1048005	50.008	ug/l	100
79) 2-Chlorotoluene	11.42	91	608540	48.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	757233	49.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92511	45.837	ug/l	98
82) 4-Chlorotoluene	11.51	91	715359	48.381	ug/l	100
83) tert-Butylbenzene	11.76	119	738311	50.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	765325	49.889	ug/l	100
85) sec-Butylbenzene	11.94	105	881596	49.461	ug/l	100
86) p-Isopropyltoluene	12.06	119	819244	49.888	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	421819	46.937	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	433673	46.741	ug/l	99
89) n-Butylbenzene	12.39	91	731708	50.098	ug/l	100
90) Hexachloroethane	12.59	117	142790	45.993	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	423509	47.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59102	48.280	ug/l	98

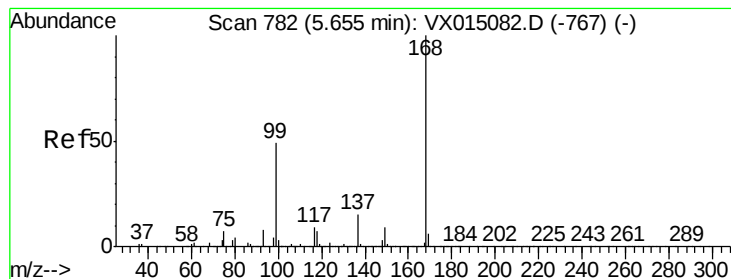
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	304462	49.091	ug/l	99
94) Hexachlorobutadiene	13.78	225	143848	45.199	ug/l	99
95) Naphthalene	13.83	128	868049	45.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	302802	48.934	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

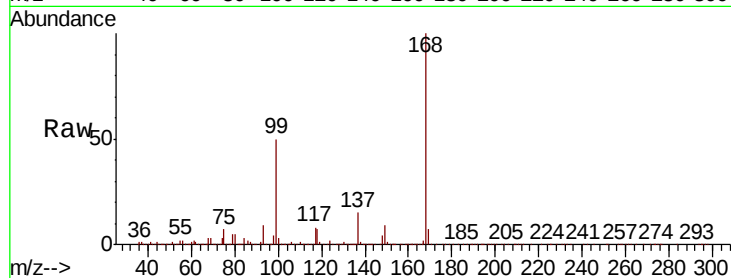
VSTDCCC050EC

Tot Ion:168 Resp: 364110

Ion Ratio Lower Upper

168 100

99 50.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

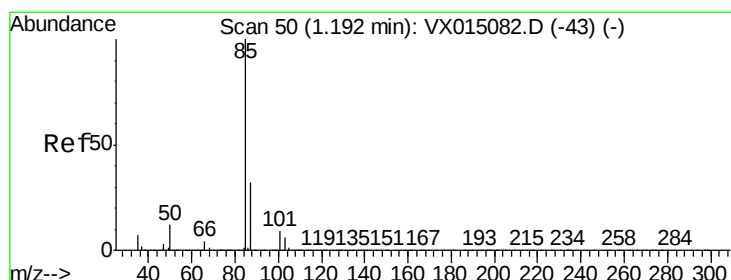
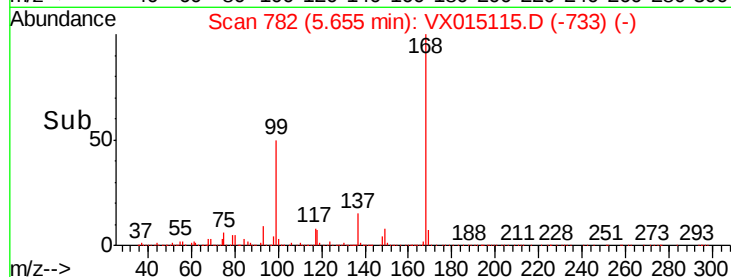
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.973 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015115.D

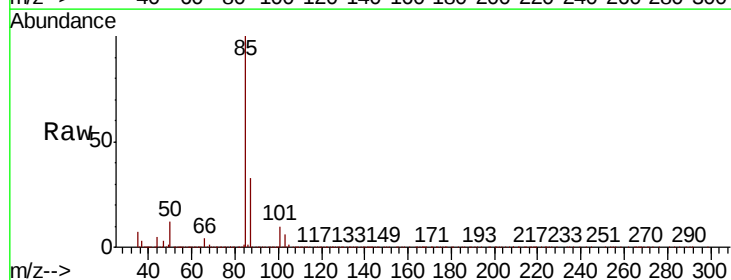
Acq: 05 Mar 2020 17:49

Tgt Ion: 85 Resp: 152958

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

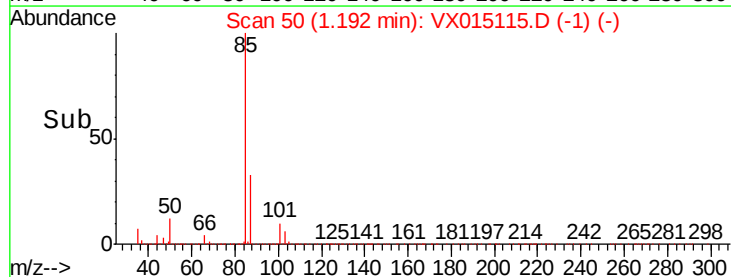
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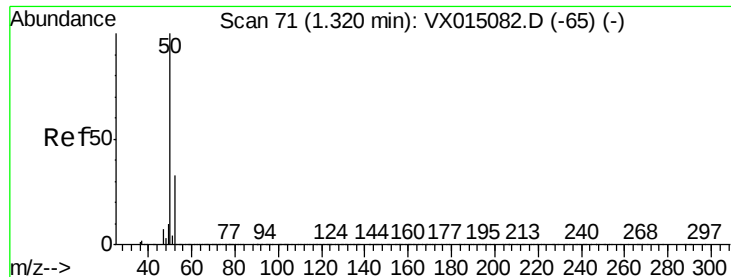
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Time-->

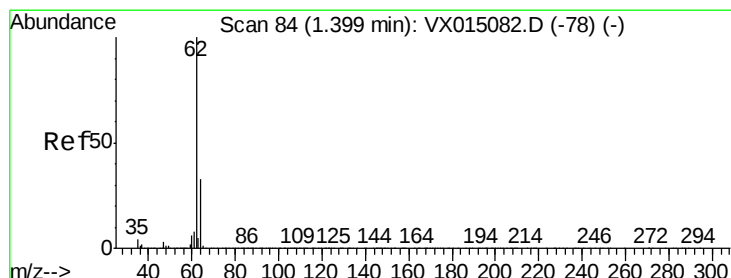
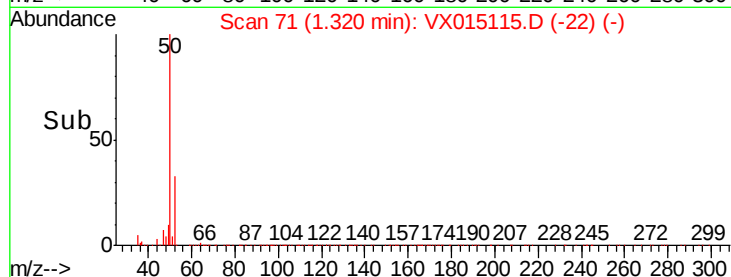
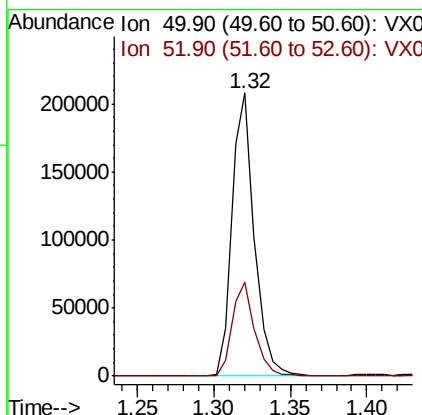
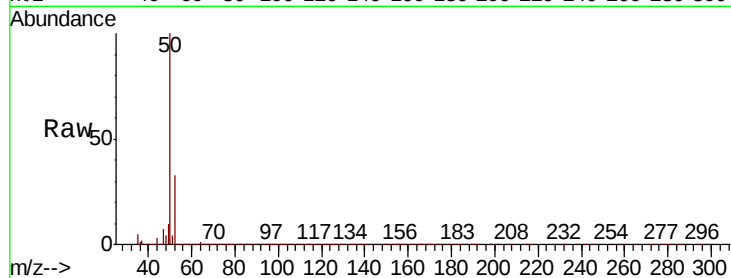




#3
Chloromethane
Concen: 46.200 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

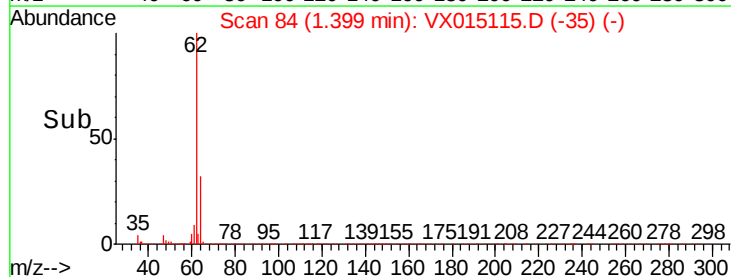
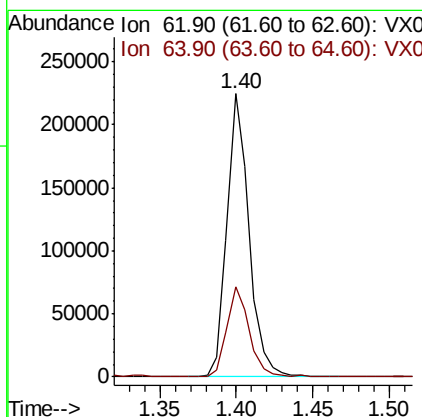
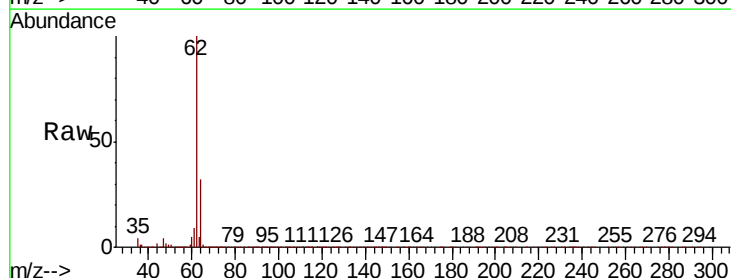
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 208660
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 48.795 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 62 Resp: 223466
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 40.281 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

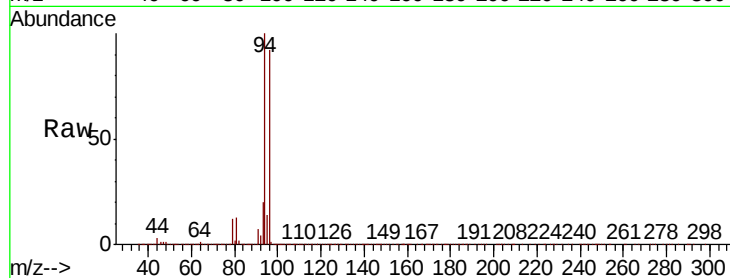
VSTDCCC050EC

Tot Ion: 94 Resp: 113412

Ion Ratio Lower Upper

94 100

96 91.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

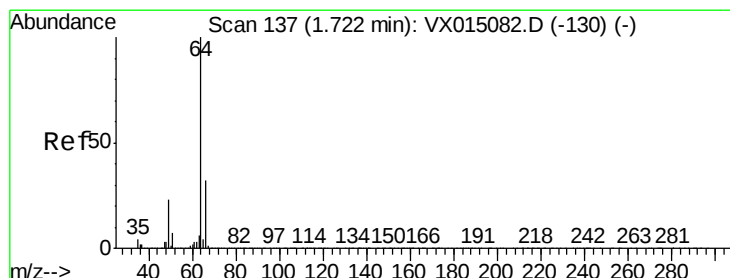
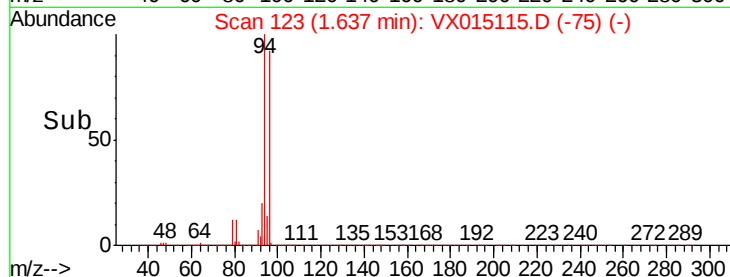
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 53.167 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015115.D

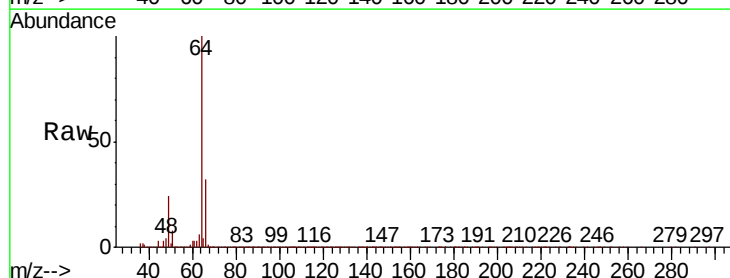
Acq: 05 Mar 2020 17:49

Tgt Ion: 64 Resp: 146059

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

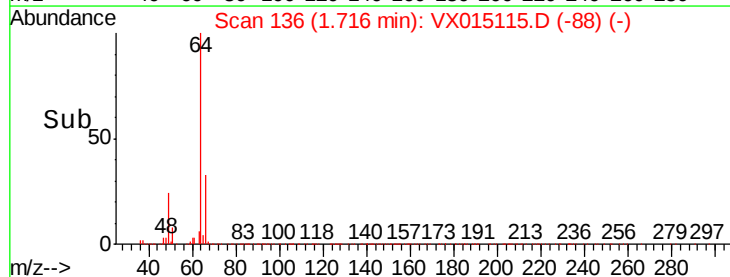
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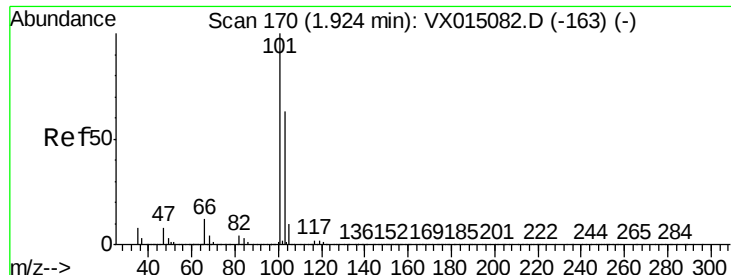
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Time-->



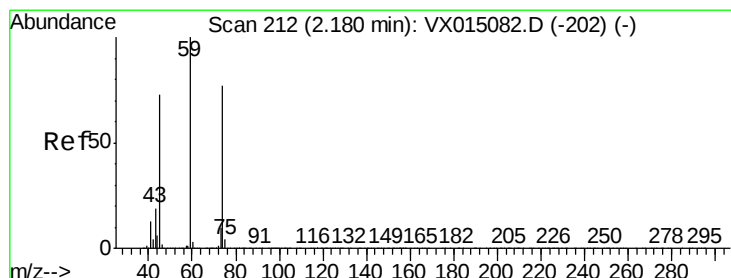
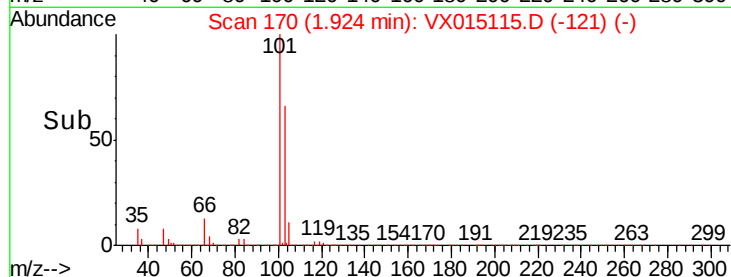
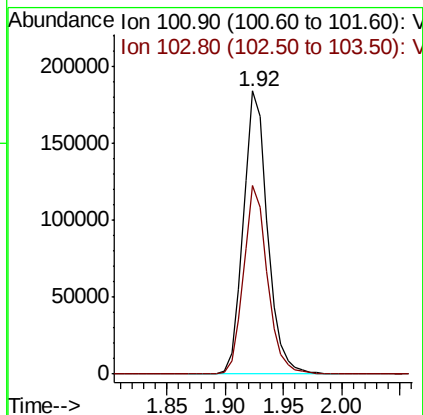
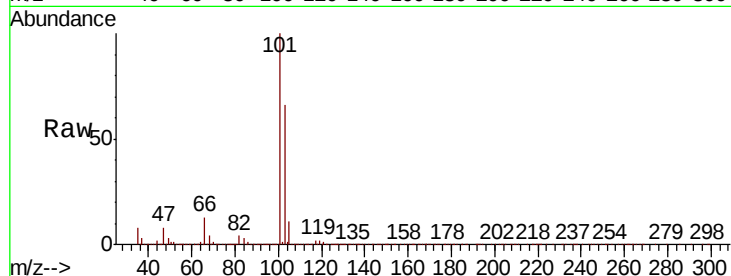


#7

Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
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VSTDCCC050EC

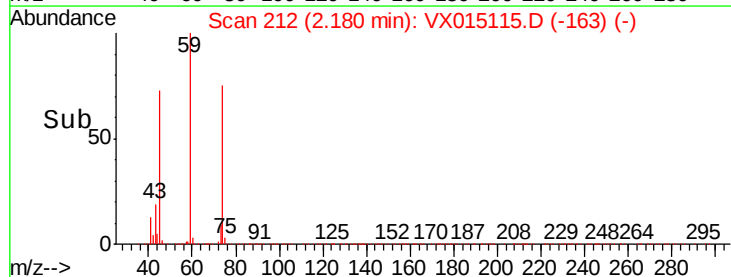
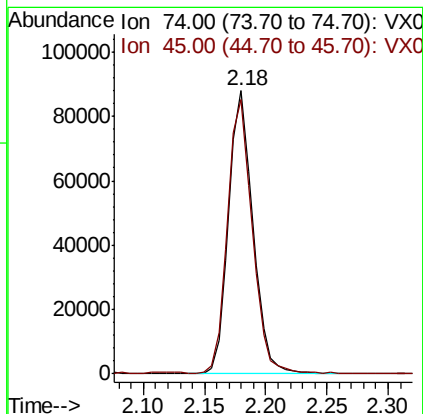
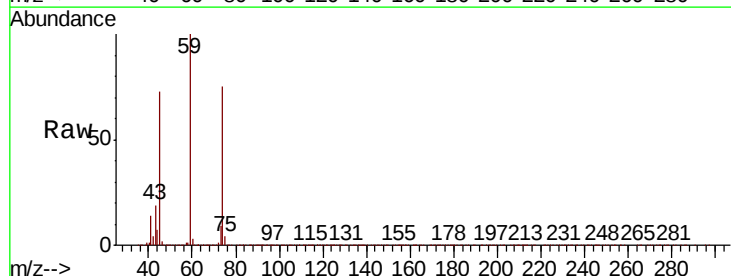
Tot Ion:101 Resp: 267631
Ion Ratio Lower Upper
101 100
103 66.4 50.4 75.6

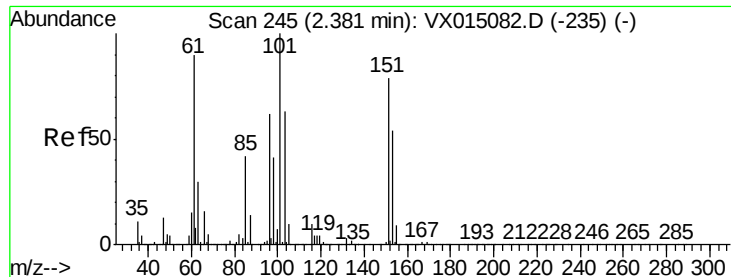


#8

Diethyl Ether
Concen: 48.797 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 74 Resp: 120440
Ion Ratio Lower Upper
74 100
45 99.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.402 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

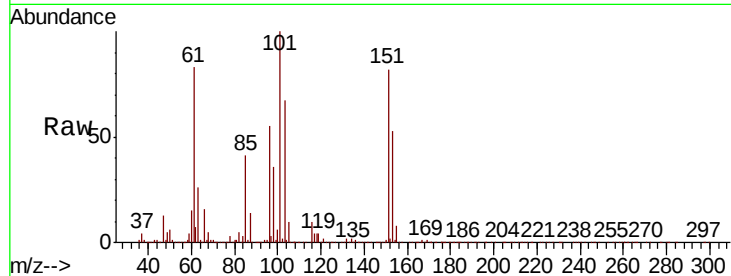
Tot Ion:101 Resp: 169373

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

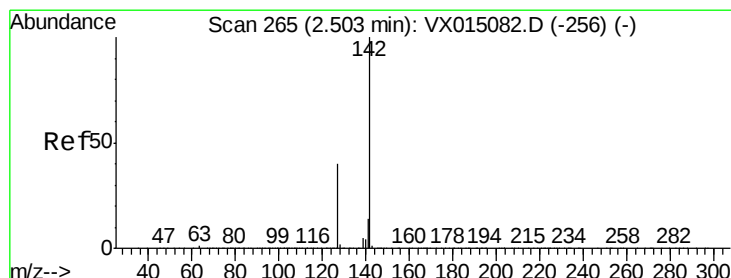
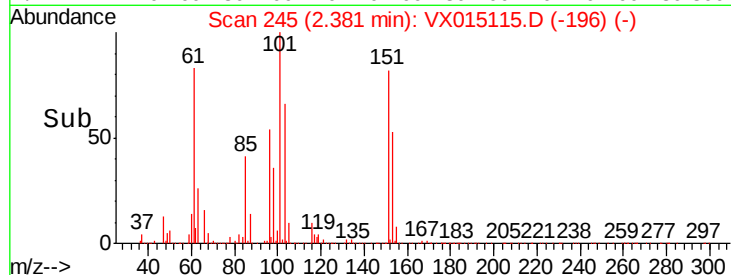
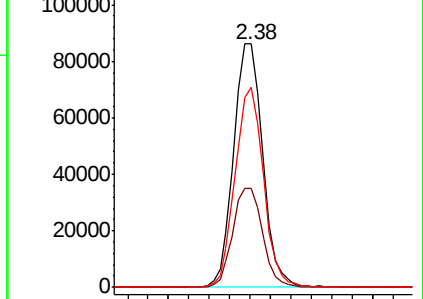
151 80.5 64.0 96.0



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: 29.046 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

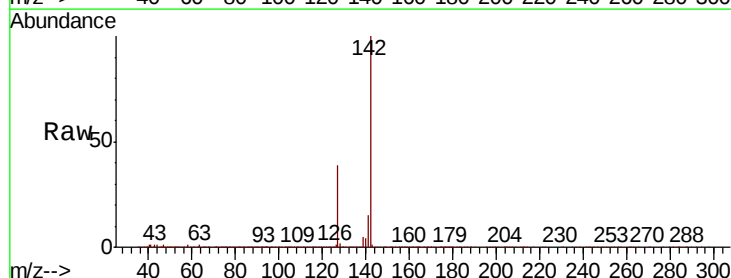
Tgt Ion:142 Resp: 112507

Ion Ratio Lower Upper

142 100

127 40.5 31.7 47.5

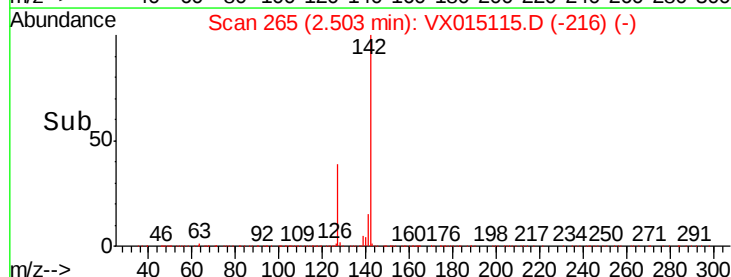
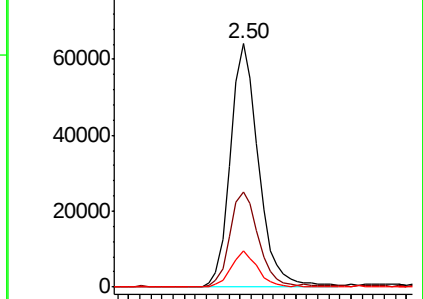
141 14.6 11.3 16.9

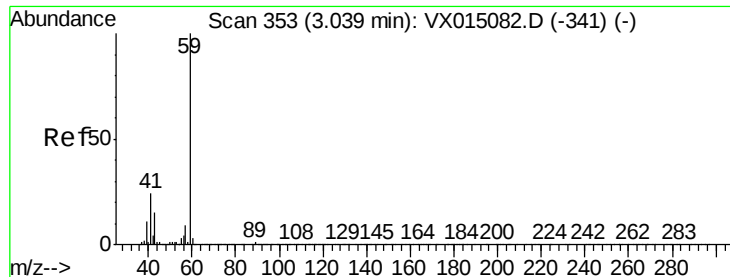


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



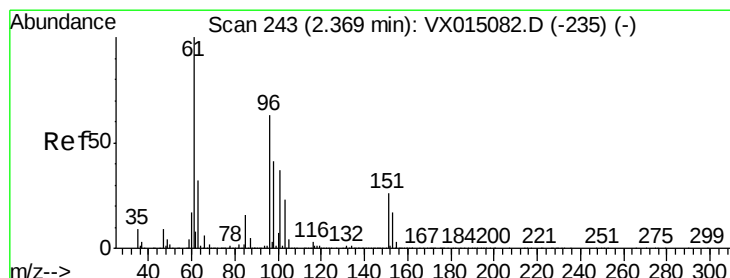
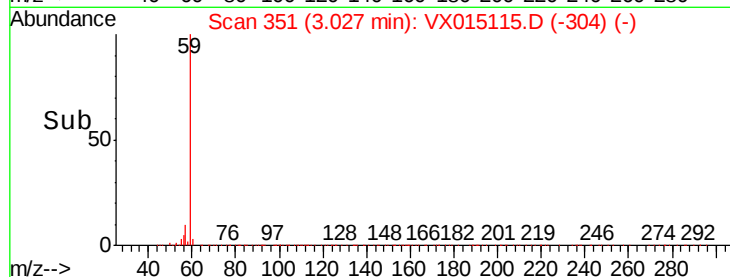
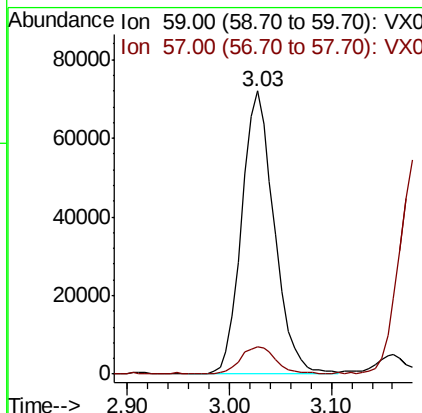
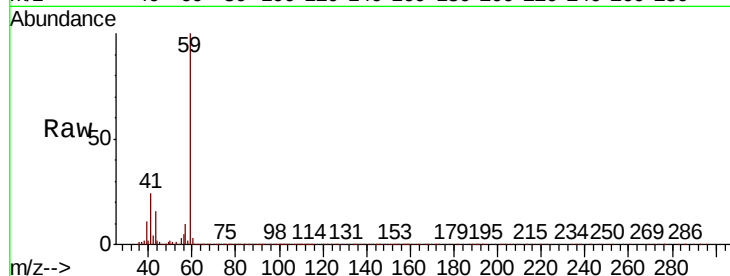


#11

Tert butyl alcohol
 Concen: 212.047 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

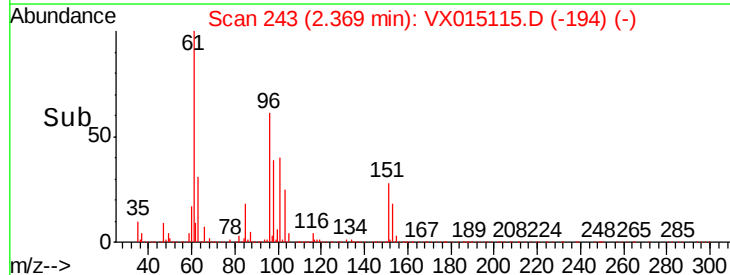
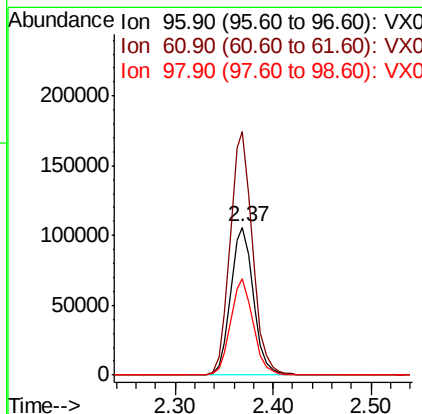
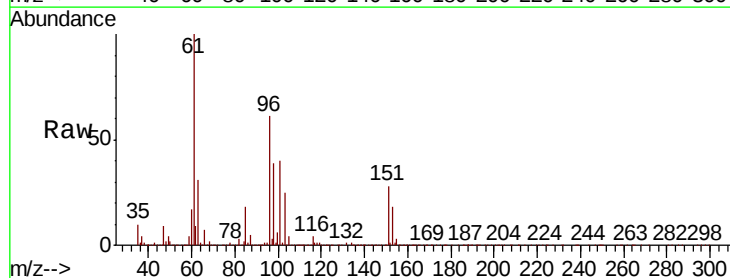
Tot Ion: 59 Resp: 158922
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

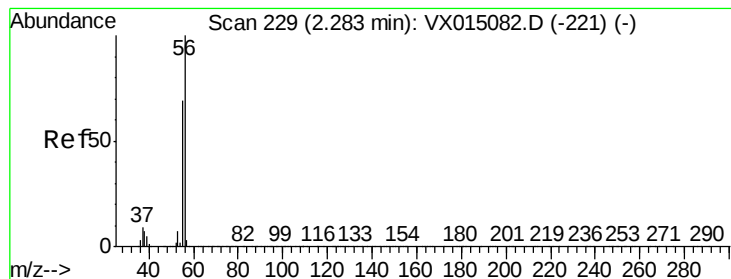


#12

1,1-Dichloroethene
 Concen: 48.107 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion: 96 Resp: 170217
 Ion Ratio Lower Upper
 96 100
 61 164.7 126.2 189.4
 98 64.8 51.4 77.0





#13

Acrolein

Concen: 195.415 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

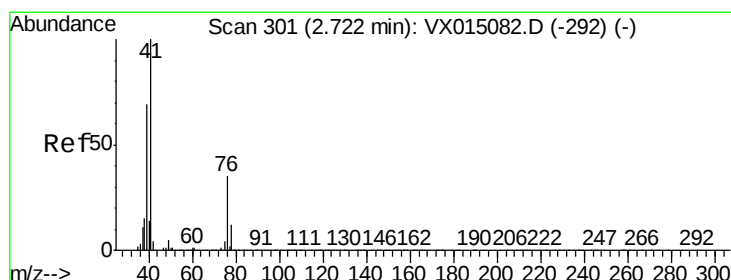
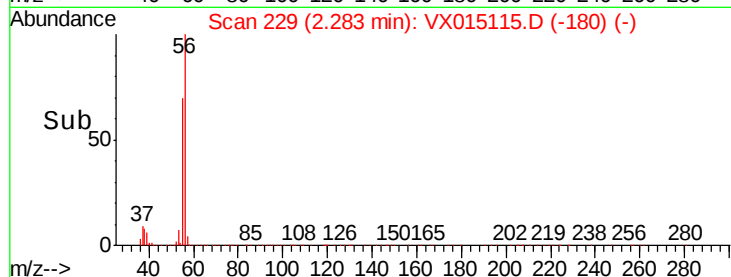
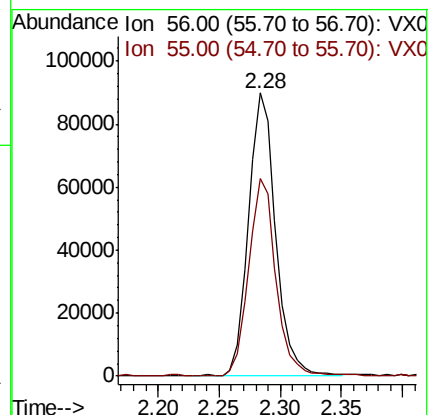
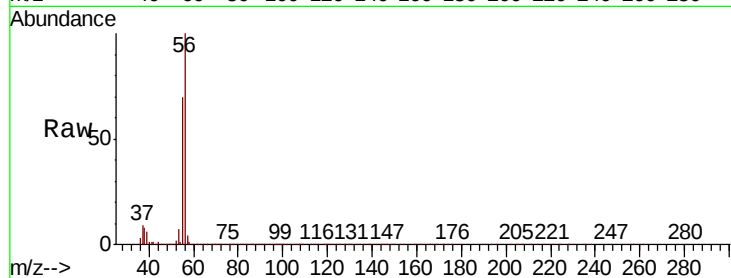
VSTDCCC050EC

Tot Ion: 56 Resp: 137635

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 48.359 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

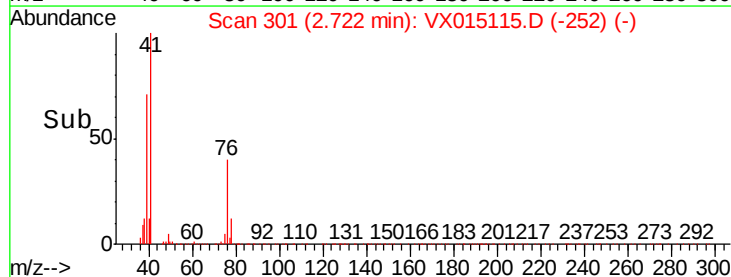
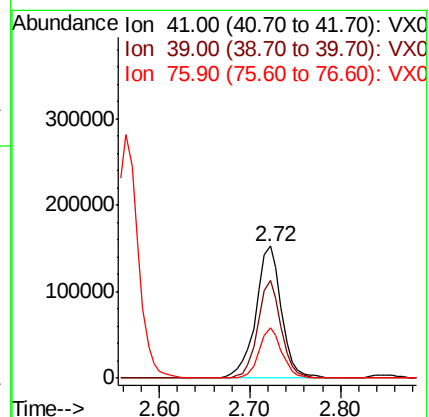
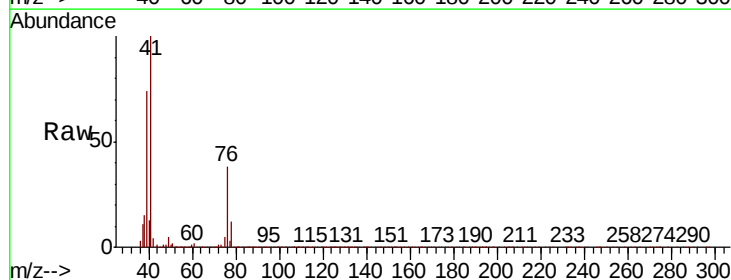
Tgt Ion: 41 Resp: 298356

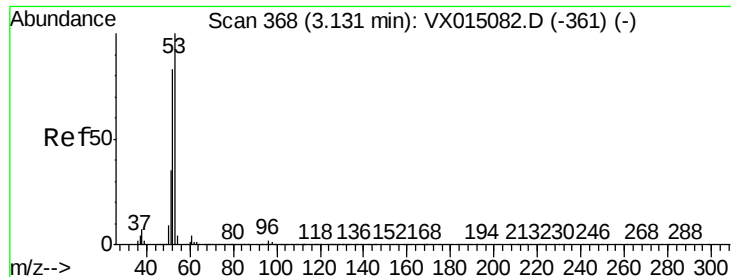
Ion Ratio Lower Upper

41 100

39 67.2 52.9 79.3

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 251.625 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

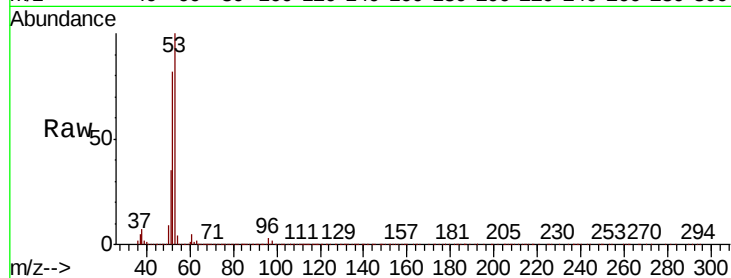
Tot Ion: 53 Resp: 469651

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

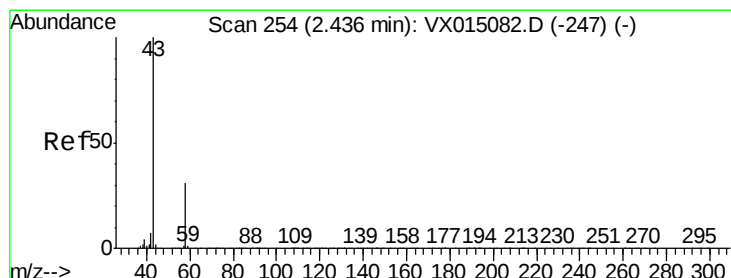
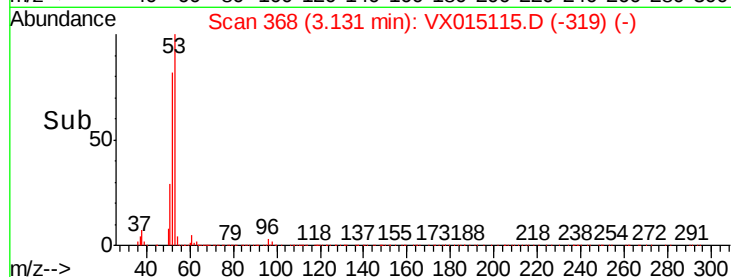
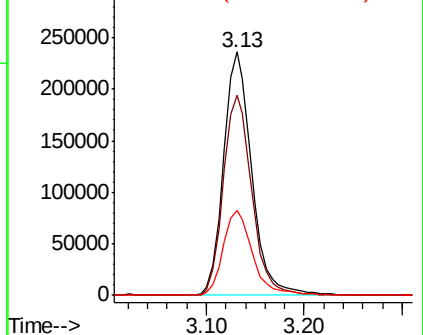
51 36.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 221.000 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015115.D

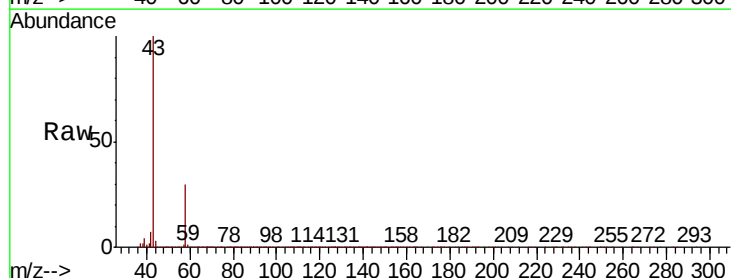
Acq: 05 Mar 2020 17:49

Tgt Ion: 43 Resp: 386617

Ion Ratio Lower Upper

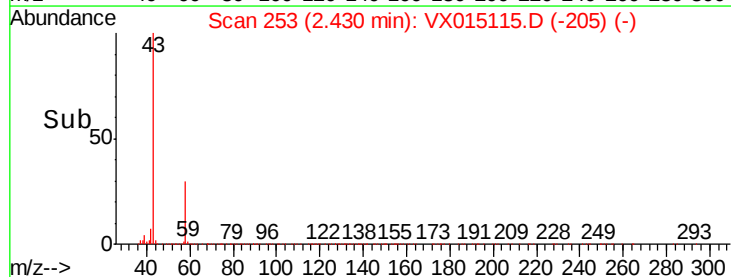
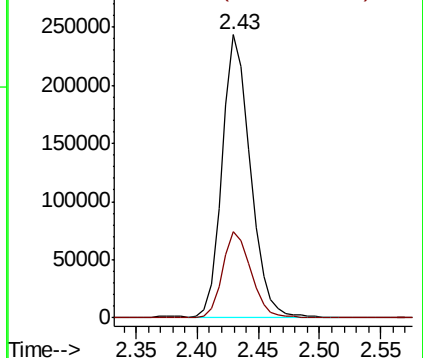
43 100

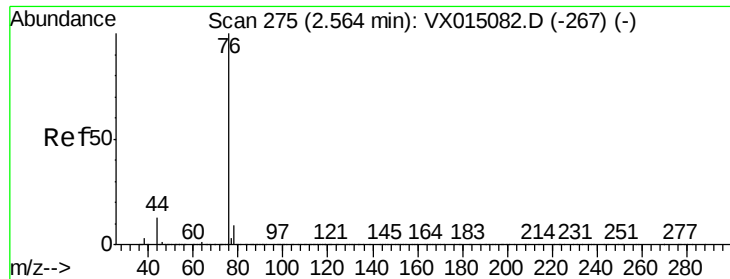
58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.111 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

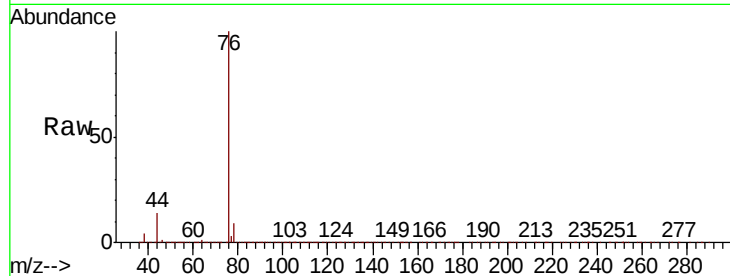
VSTDCCC050EC

Tot Ion: 76 Resp: 462929

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

250000

200000

150000

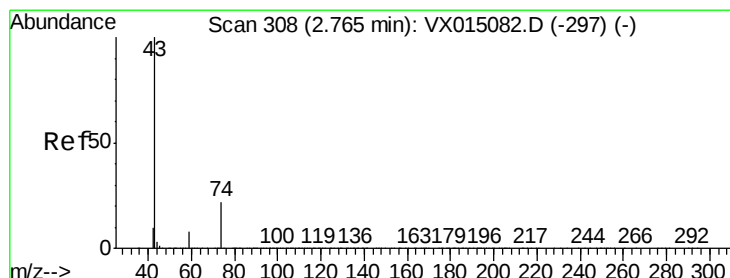
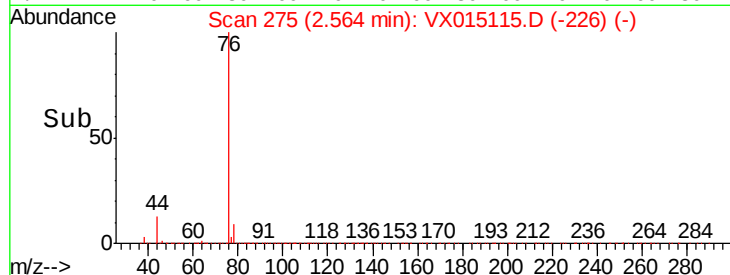
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 45.911 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015115.D

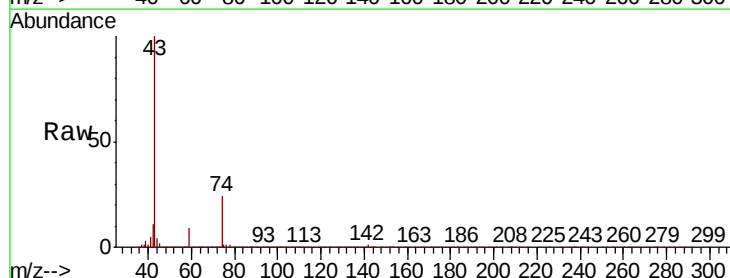
Acq: 05 Mar 2020 17:49

Tgt Ion: 43 Resp: 196388

Ion Ratio Lower Upper

43 100

74 25.2 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

120000

100000

80000

60000

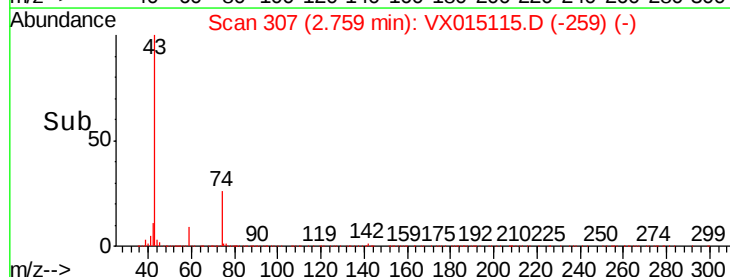
40000

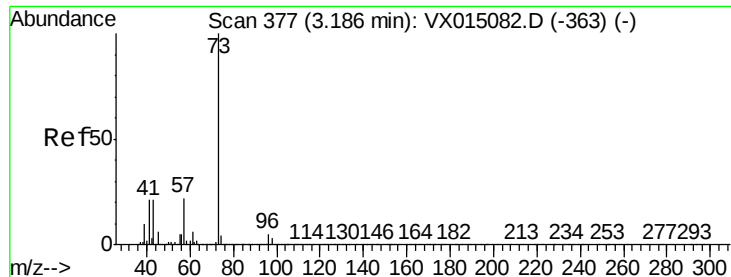
20000

0

2.70 2.75 2.80 2.85

Time-->



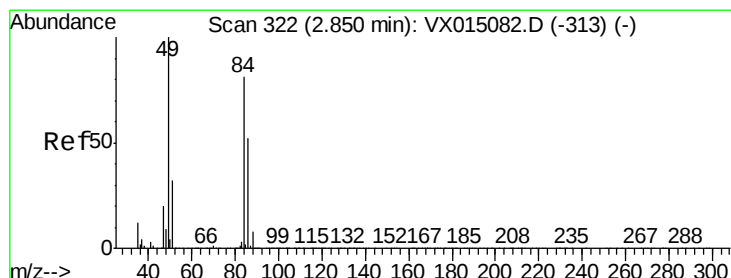
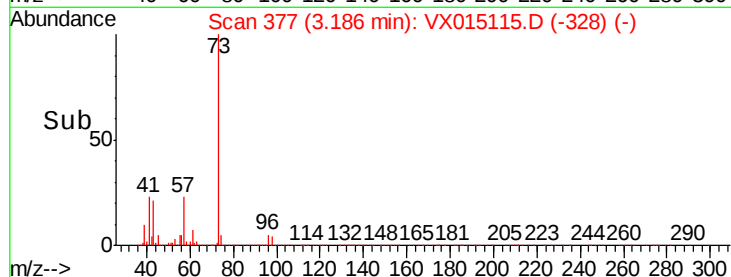
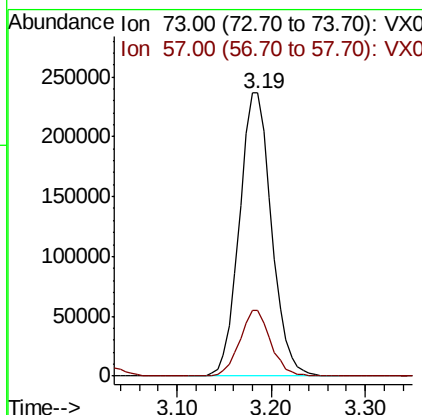
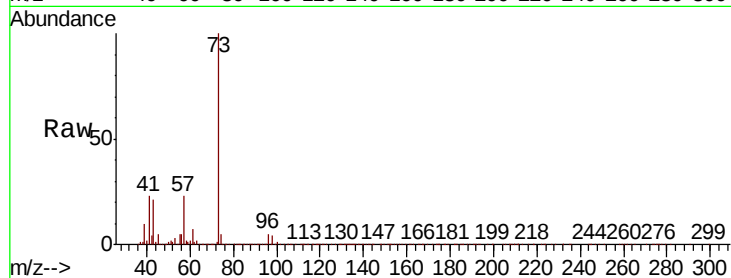


#19

Methyl tert-butyl Ether
 Concen: 50.958 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

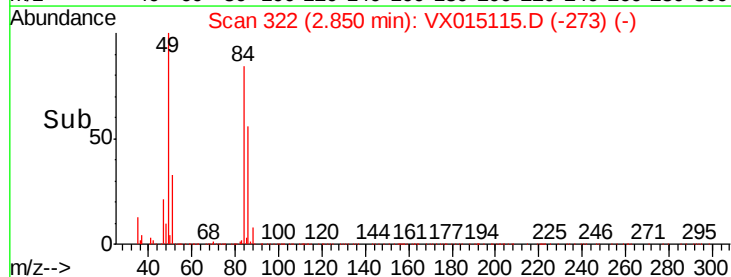
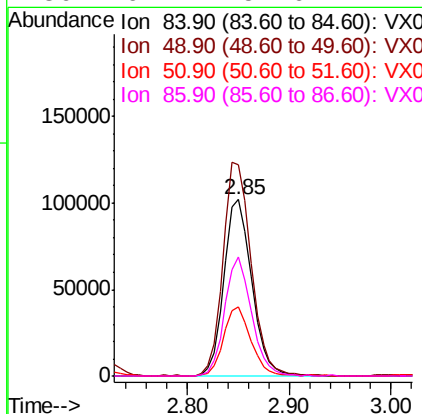
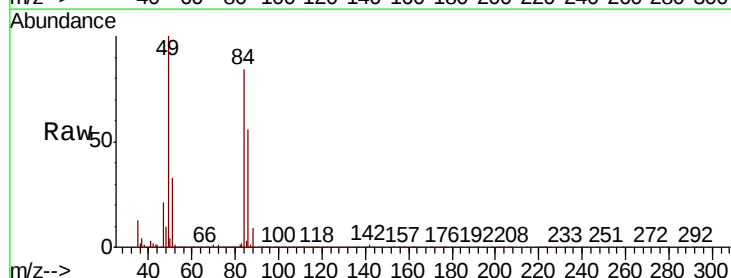
Tot Ion: 73 Resp: 563434
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.8 26.6

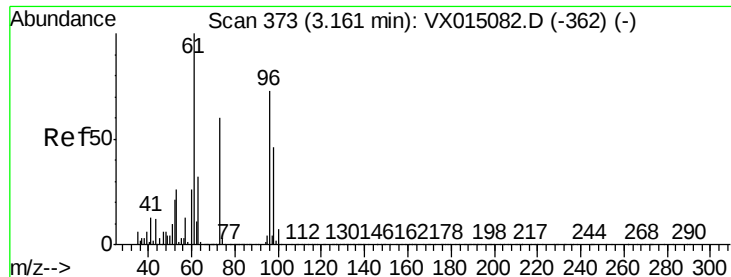


#20

Methylene Chloride
 Concen: 47.028 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion: 84 Resp: 192536
 Ion Ratio Lower Upper
 84 100
 49 119.8 99.4 149.2
 51 39.1 31.5 47.3
 86 67.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.810 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

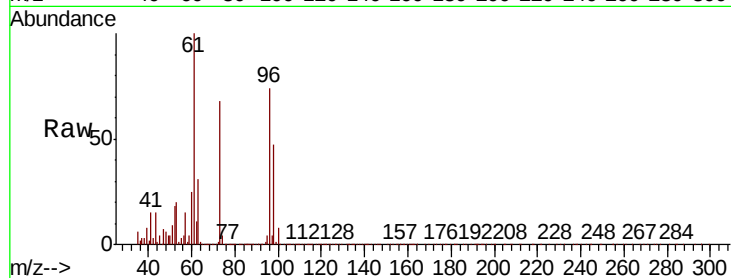
Tot Ion: 96 Resp: 184410

Ion Ratio Lower Upper

96 100

61 134.7 109.9 164.9

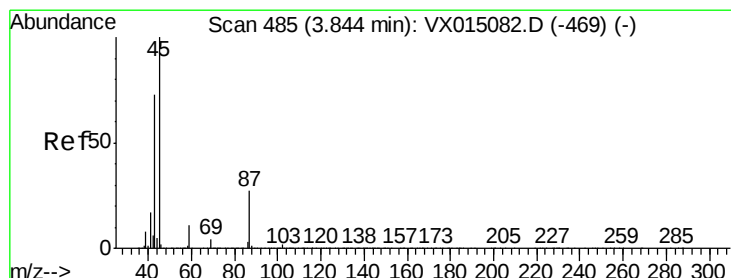
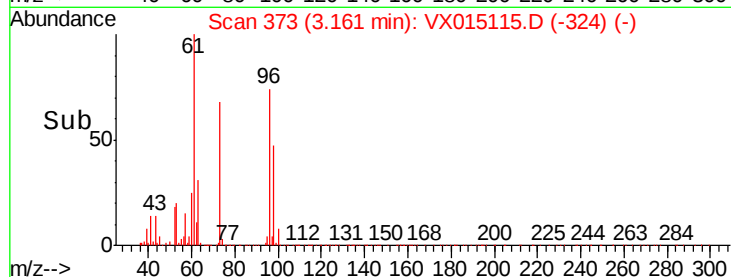
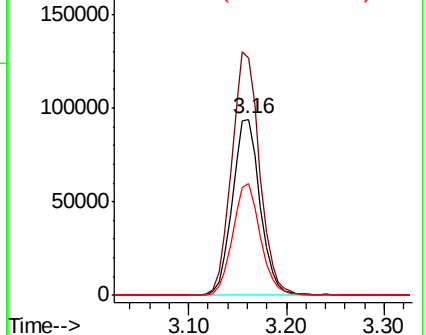
98 63.2 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.857 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion: 45 Resp: 625127

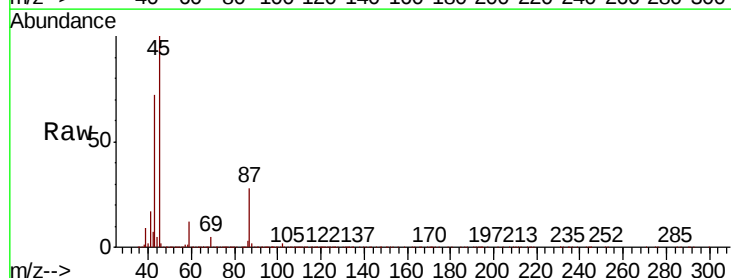
Ion Ratio Lower Upper

45 100

43 71.1 58.2 87.2

87 27.9 21.2 31.8

59 11.5 8.9 13.3

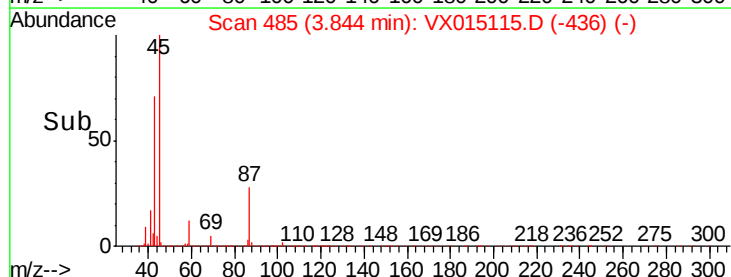
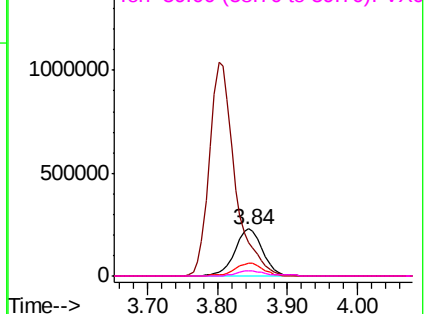


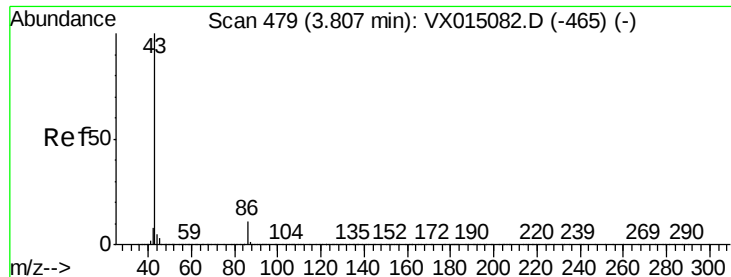
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.067 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

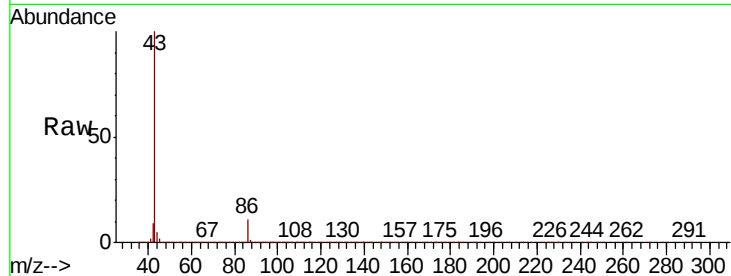
VSTDCCC050EC

Tot Ion: 43 Resp: 2647949

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

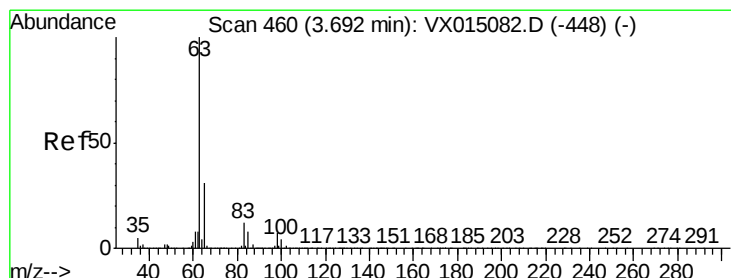
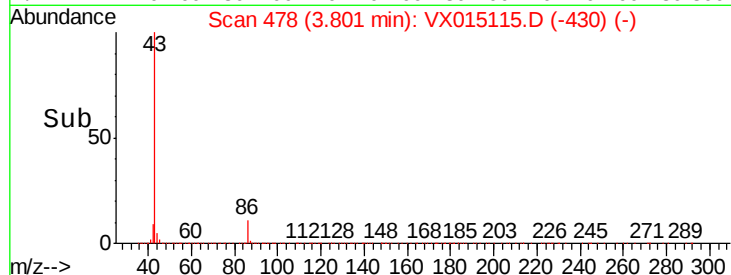
400000

200000

0

3.80

Time-->



#24

1,1-Dichloroethane

Concen: 49.403 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

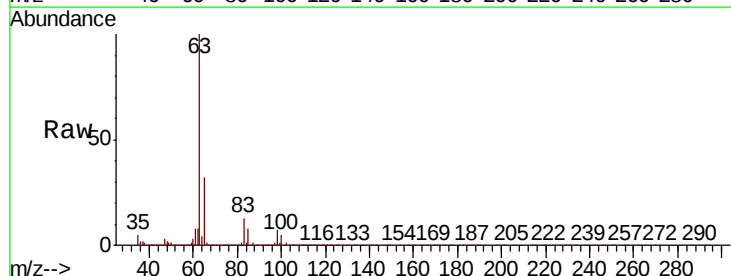
Tgt Ion: 63 Resp: 337035

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

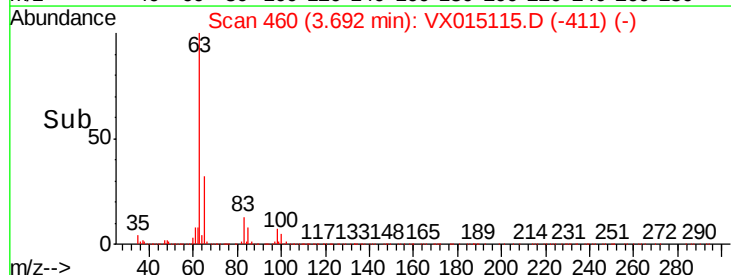
100000

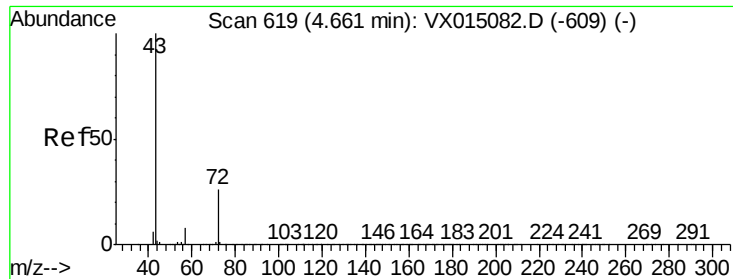
50000

0

3.69

Time-->





#25

2-Butanone

Concen: 242.834 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

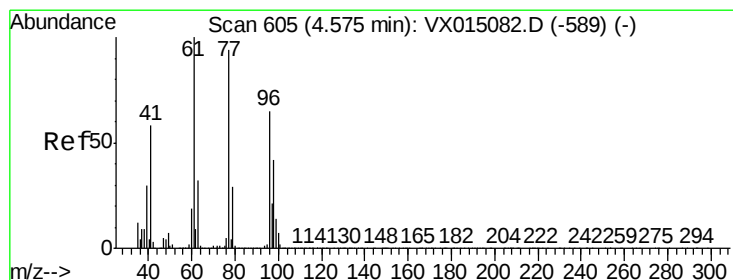
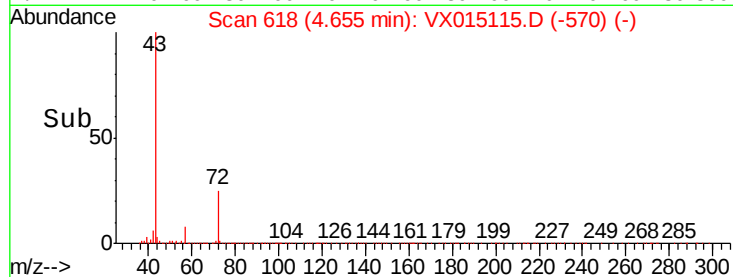
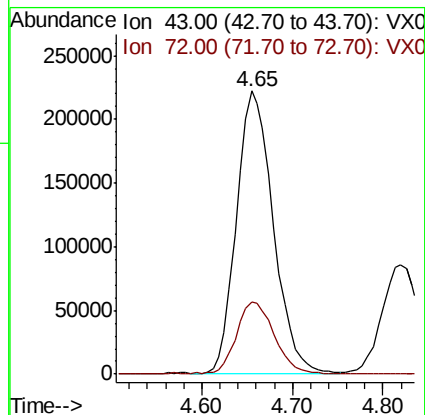
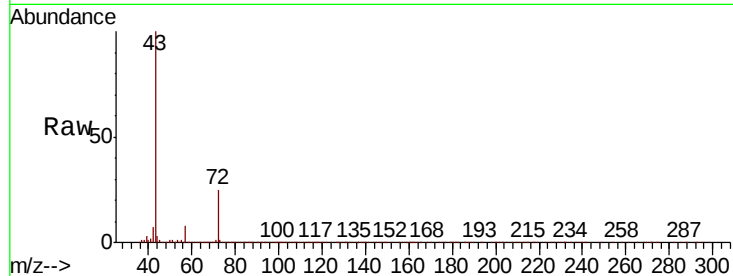
VSTDCCC050EC

Tot Ion: 43 Resp: 621925

Ion Ratio Lower Upper

43 100

72 25.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 47.791 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015115.D

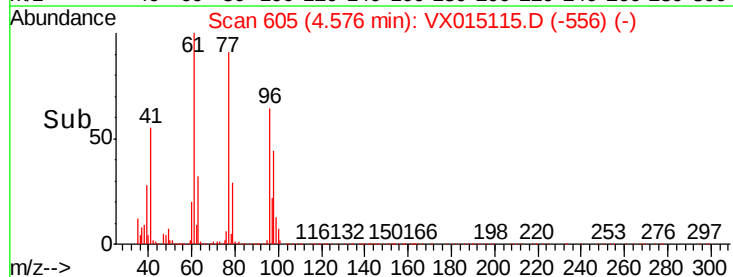
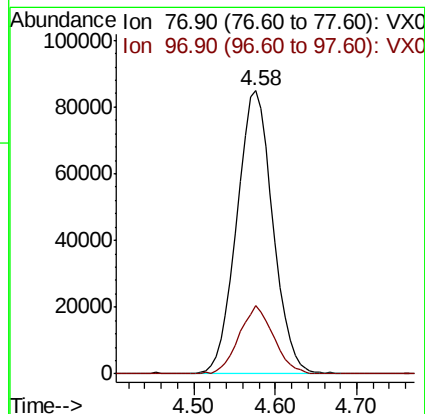
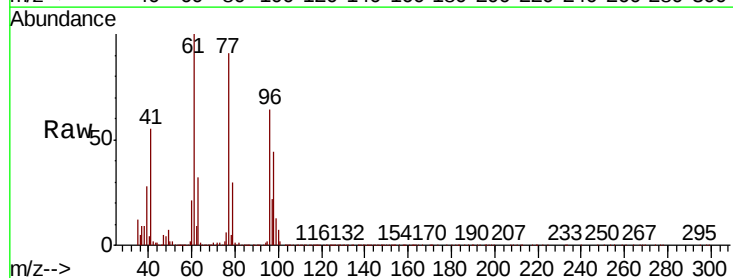
Acq: 05 Mar 2020 17:49

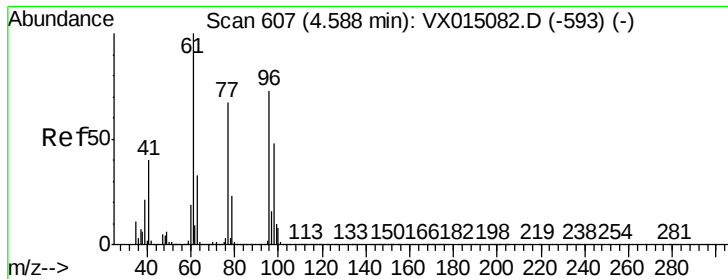
Tgt Ion: 77 Resp: 258825

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4



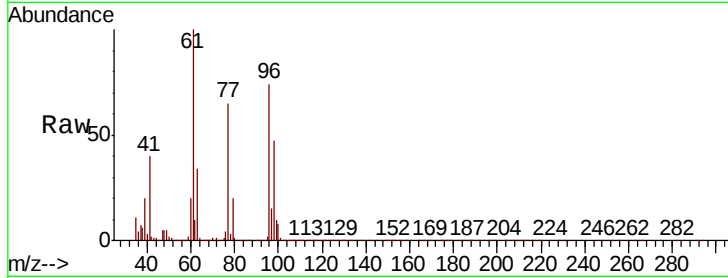


#27

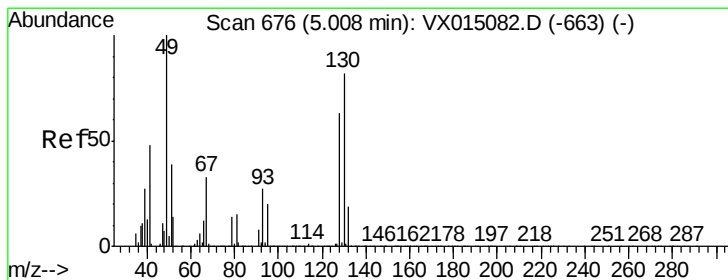
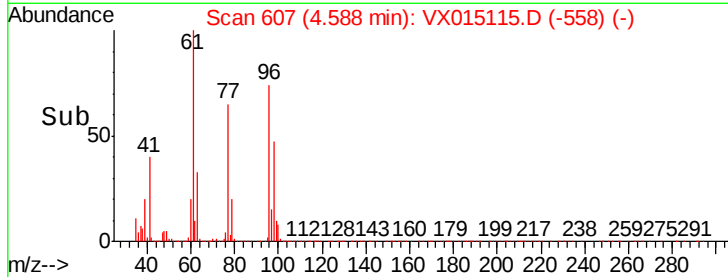
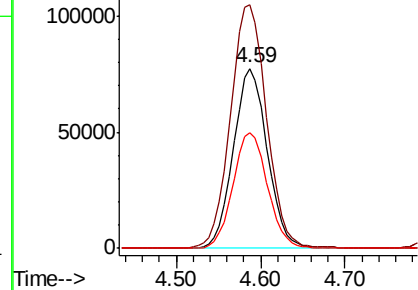
cis-1,2-Dichloroethene
Concen: 49.734 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	286.8
98	64.9	0.0	128.4



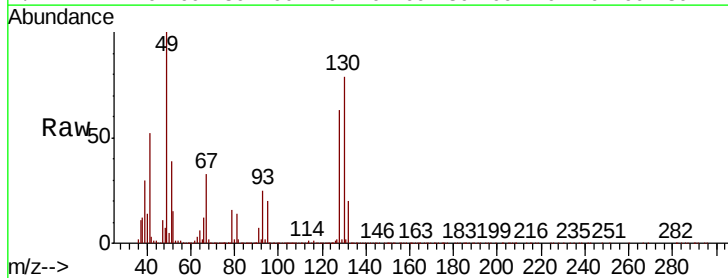
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



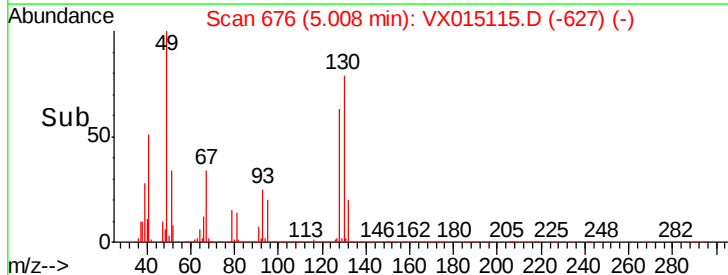
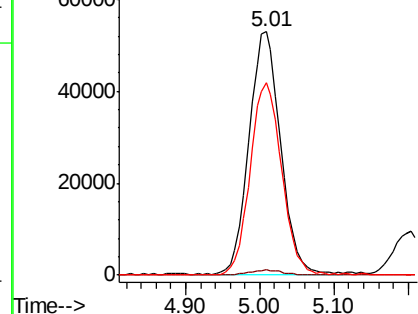
#28

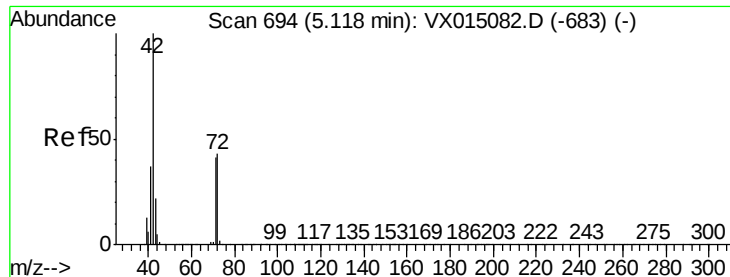
Bromochloromethane
Concen: 51.210 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	77.8	65.0	97.6



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





#29

Tetrahydrofuran

Concen: 248.192 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

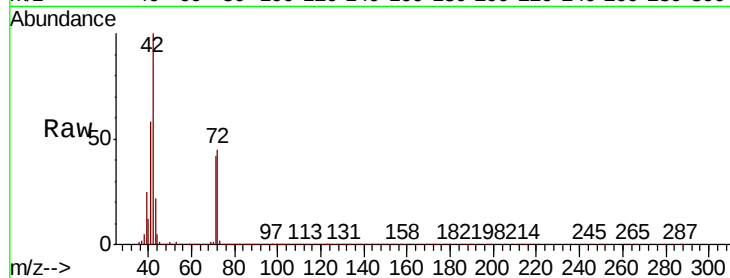
Tot Ion: 42 Resp: 409746

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

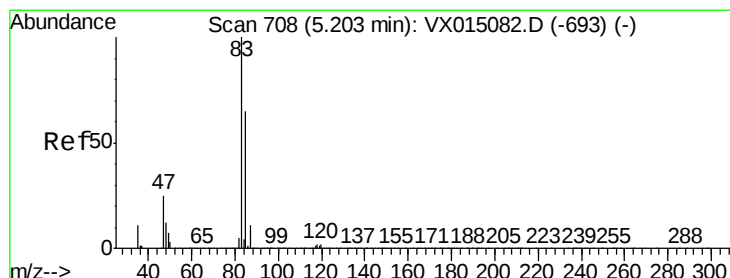
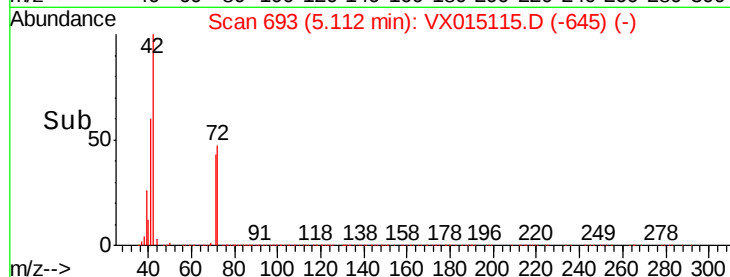
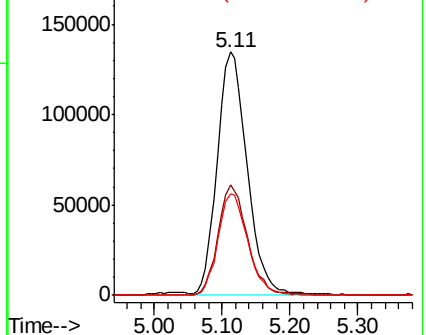
71 41.1 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.128 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015115.D

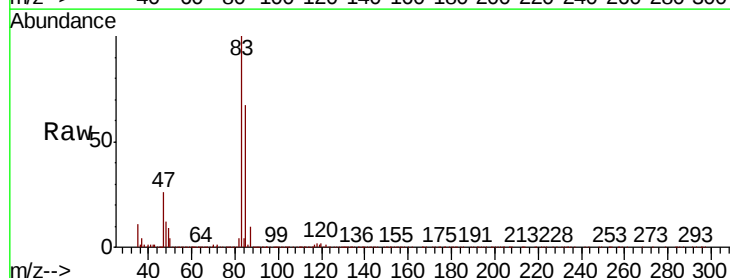
Acq: 05 Mar 2020 17:49

Tgt Ion: 83 Resp: 333312

Ion Ratio Lower Upper

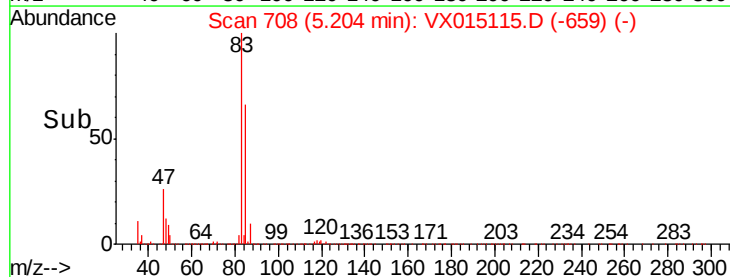
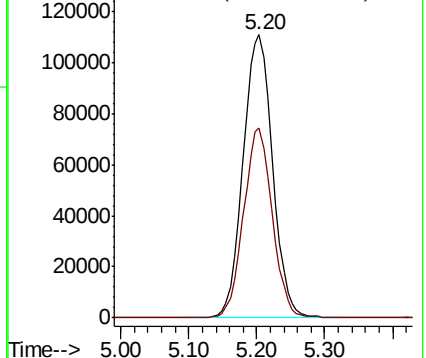
83 100

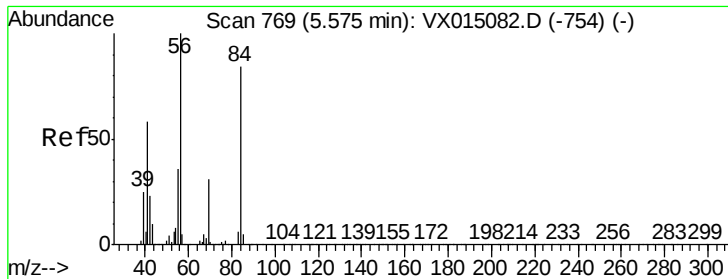
85 66.8 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

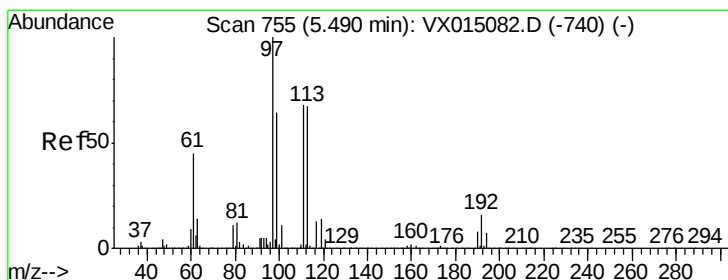
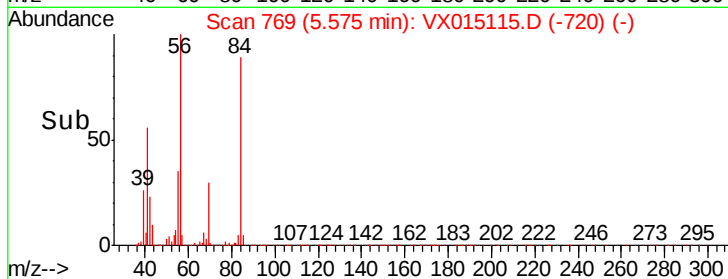
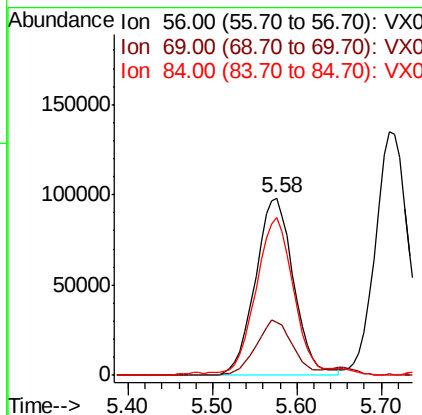
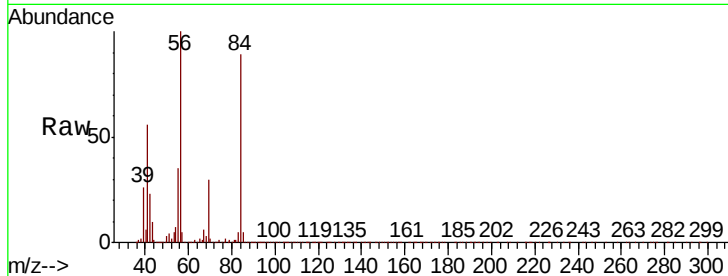




#31
Cyclohexane
Concen: 49.991 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

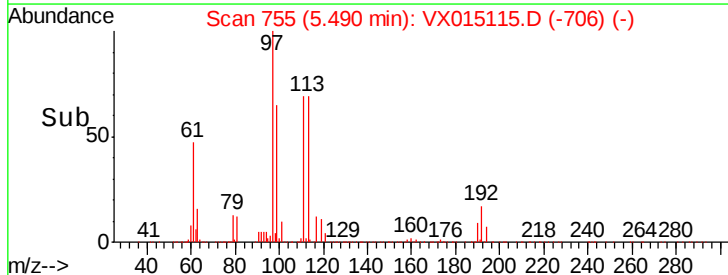
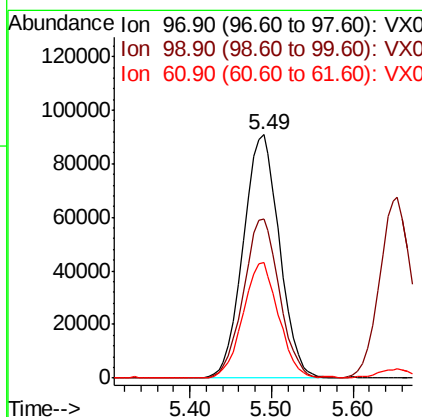
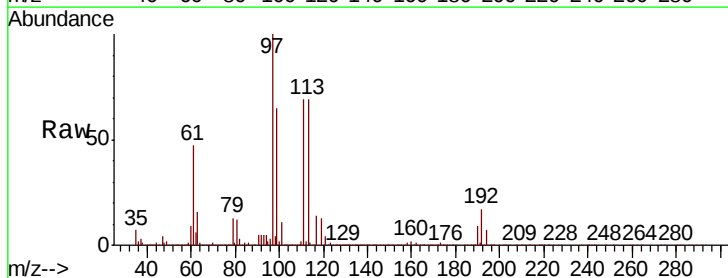
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

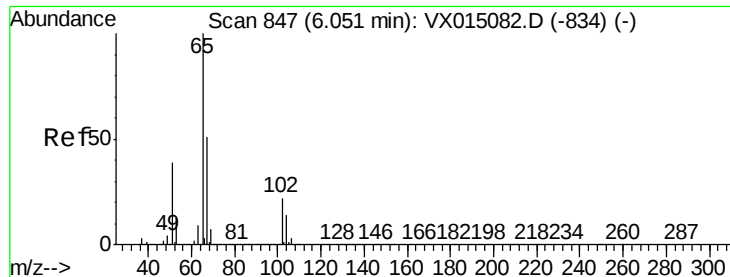
Tot Ion: 56 Resp: 304202
Ion Ratio Lower Upper
56 100
69 29.9 25.0 37.6
84 87.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 50.687 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 97 Resp: 279382
Ion Ratio Lower Upper
97 100
99 65.2 52.8 79.2
61 46.7 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 49.770 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

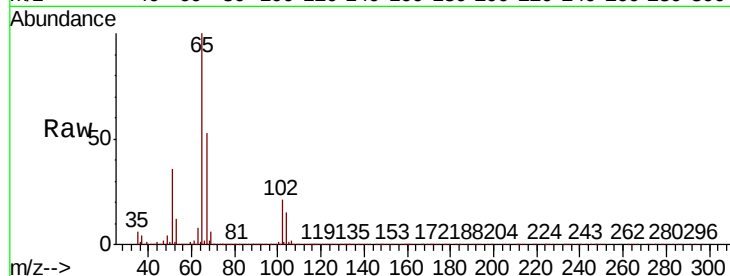
VSTDCCC050EC

Tot Ion: 65 Resp: 214990

Ion Ratio Lower Upper

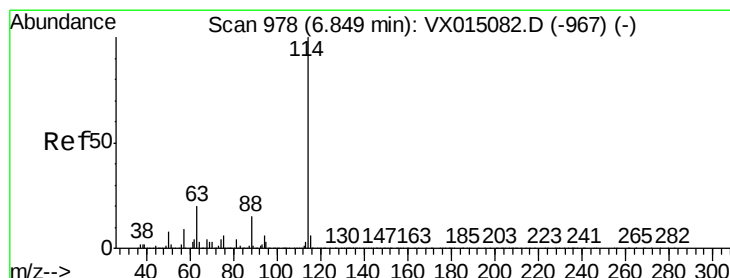
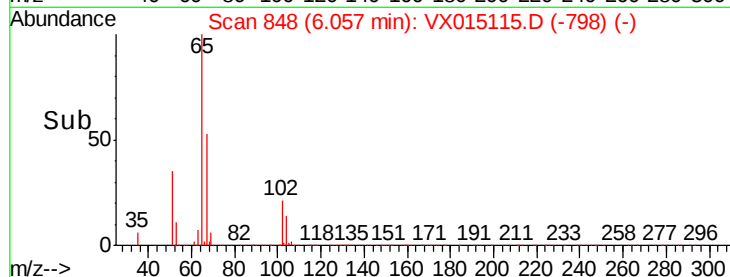
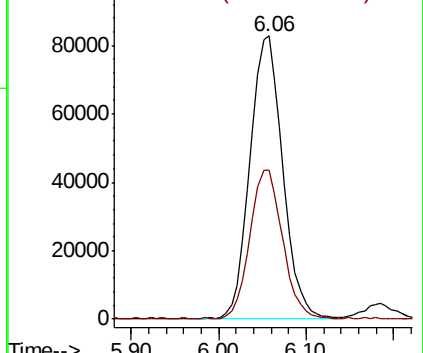
65 100

67 52.8 0.0 105.6



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: VX015115.D

Acq: 05 Mar 2020 17:49

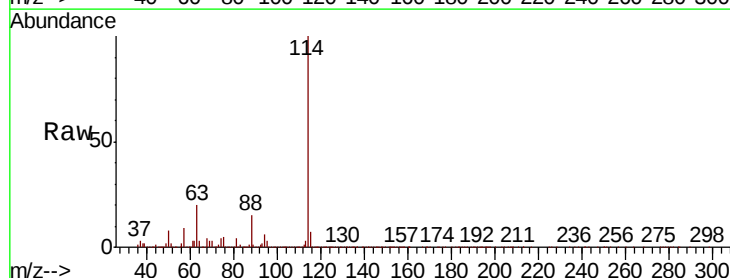
Tgt Ion: 114 Resp: 561501

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

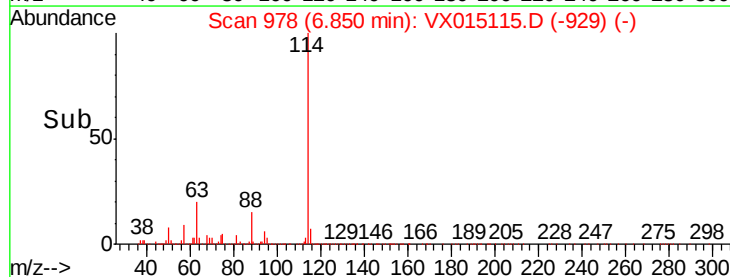
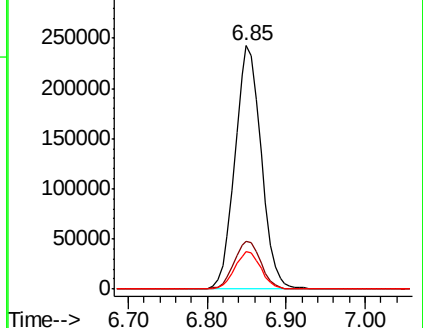
88 15.3 0.0 30.6

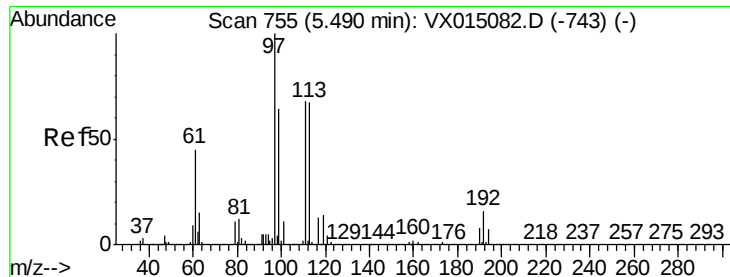


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

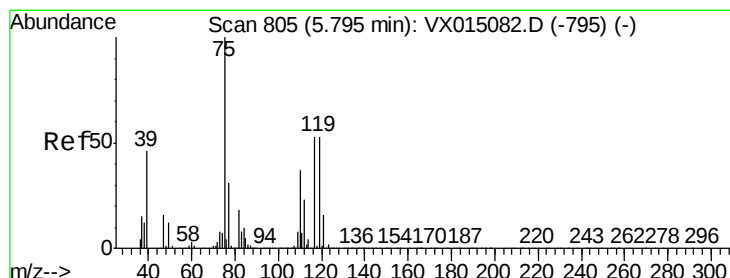
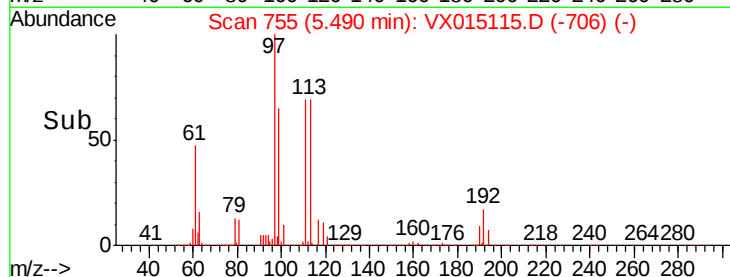
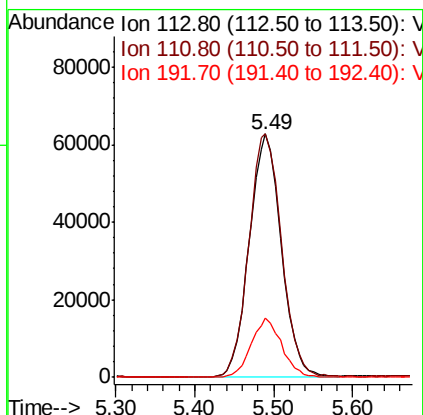
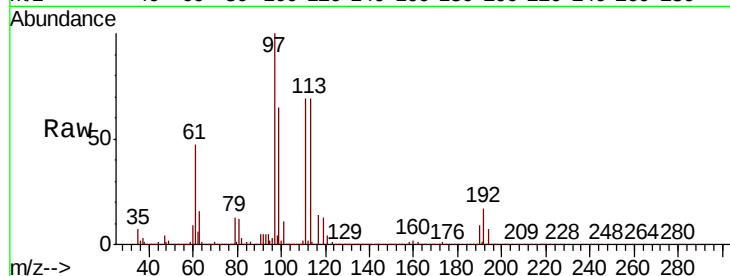




#35
 Dibromofluoromethane
 Concen: 49.933 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

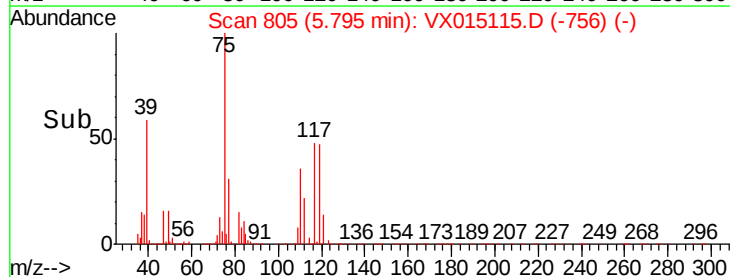
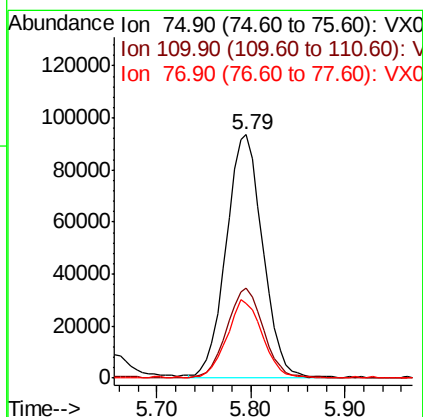
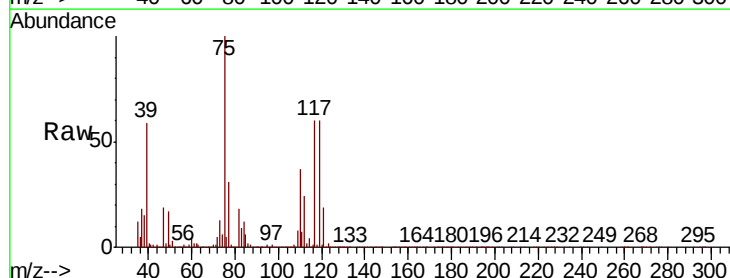
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

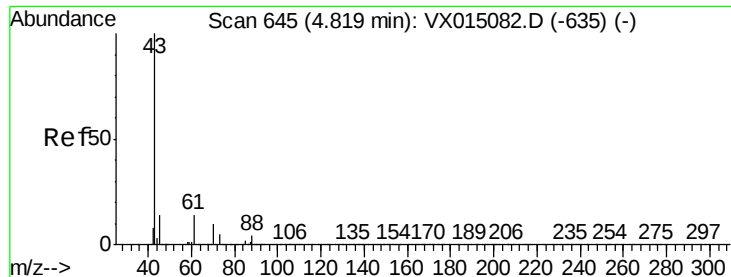
Tot Ion:113 Resp: 176881
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 23.4 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 48.289 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion: 75 Resp: 250662
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.9 53.8
 77 31.1 24.8 37.2

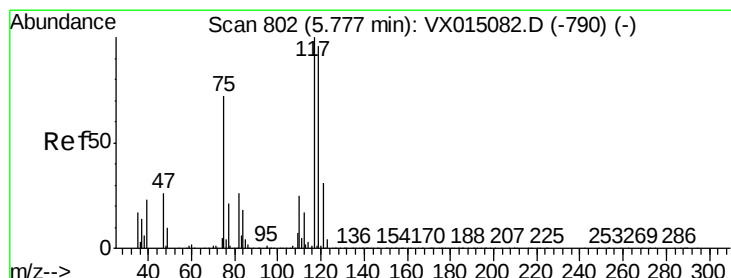
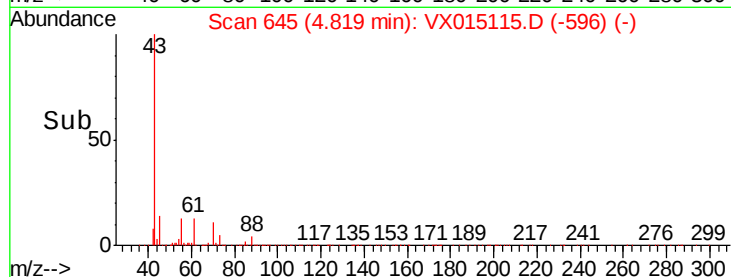
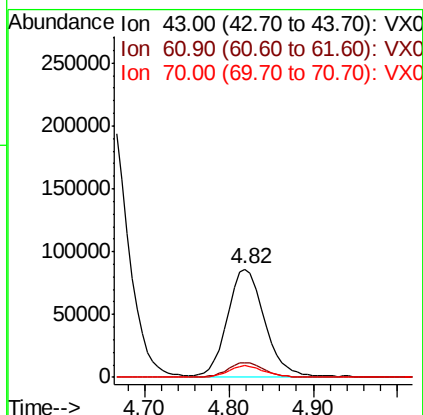
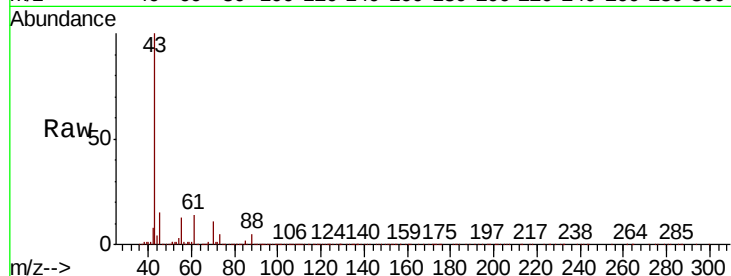




#37
Ethyl Acetate
Concen: 52.904 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

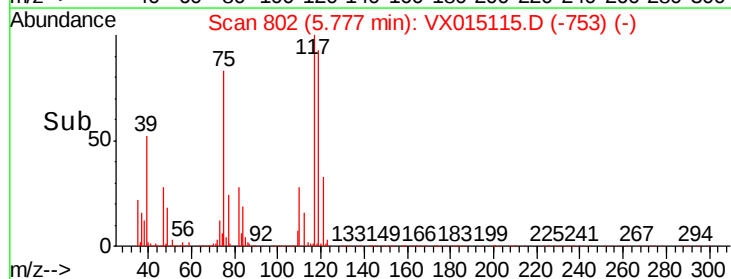
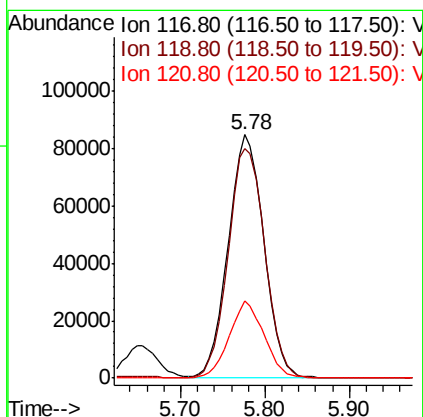
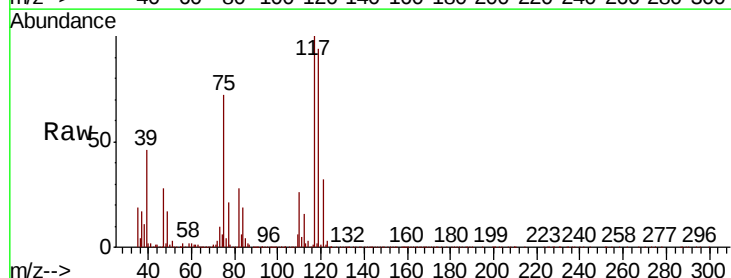
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

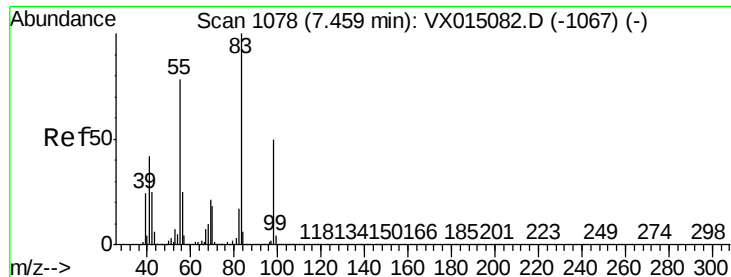
Tot Ion	43	Resp	254735
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.464 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	117	Resp	242360
Ion Ratio	Lower	Upper	
117	100		
119	94.2	76.9	115.3
121	31.4	24.6	37.0

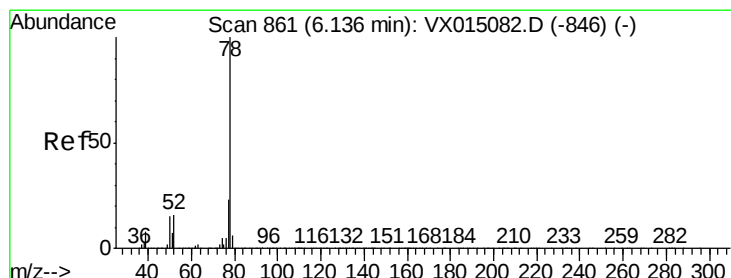
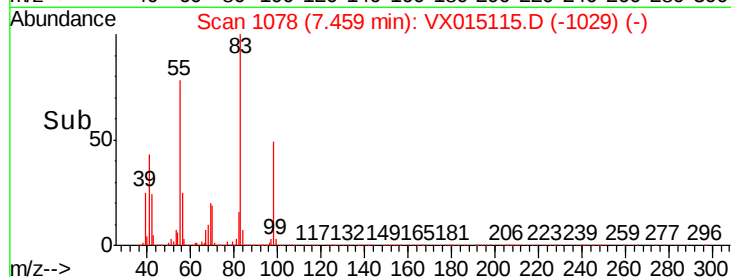
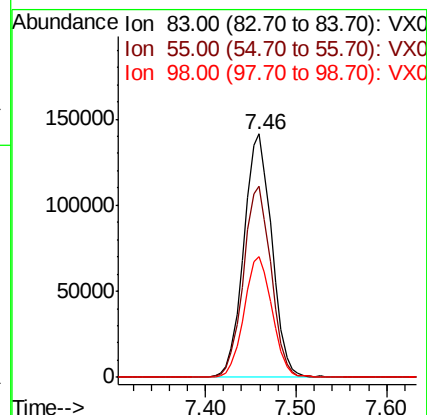
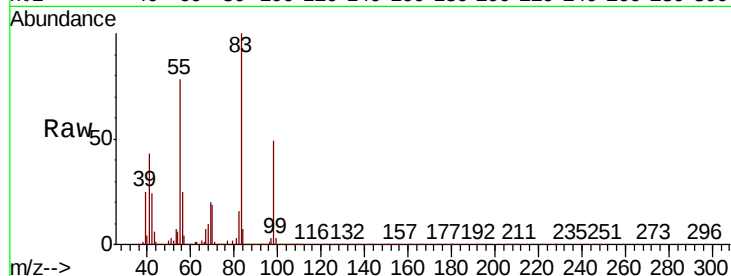




#39
Methvlcvclohexane
Concen: 49.705 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

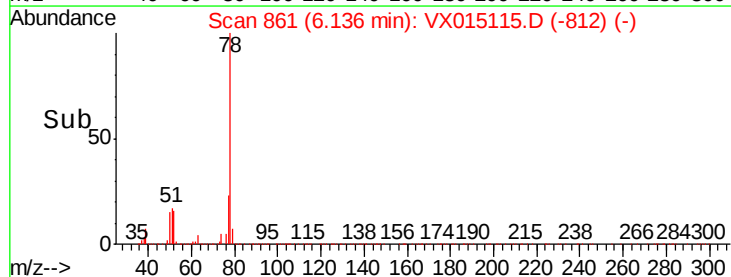
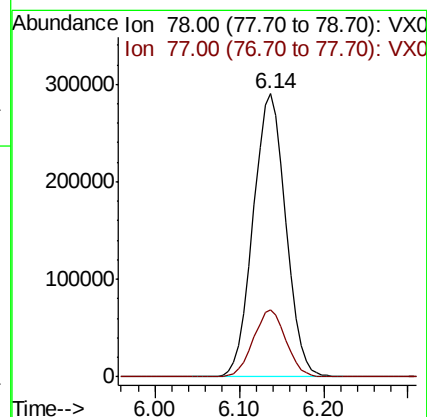
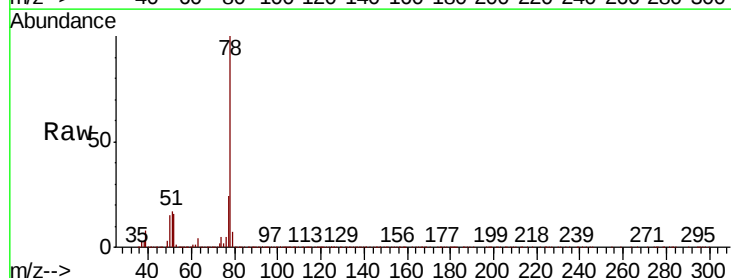
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

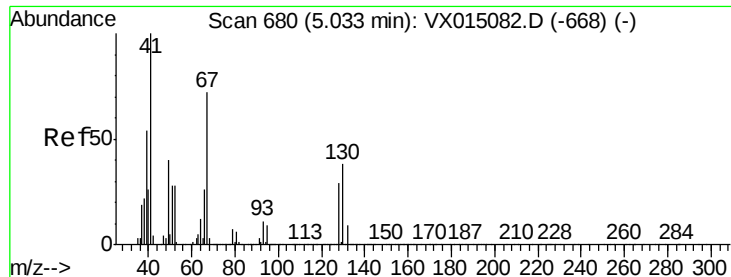
Tot Ion: 83 Resp: 301275
Ion Ratio Lower Upper
83 100
55 78.2 62.4 93.6
98 49.3 39.7 59.5



#40
Benzene
Concen: 49.580 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 78 Resp: 763558
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

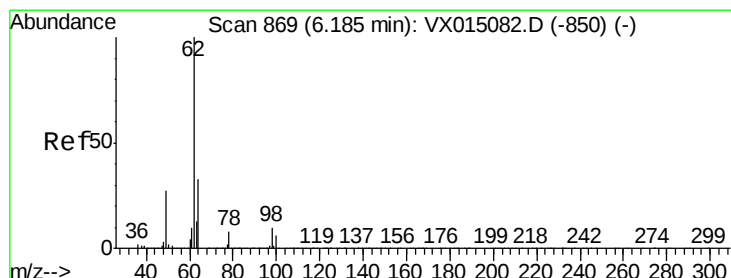
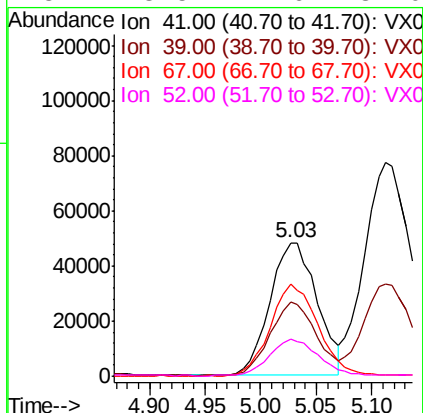
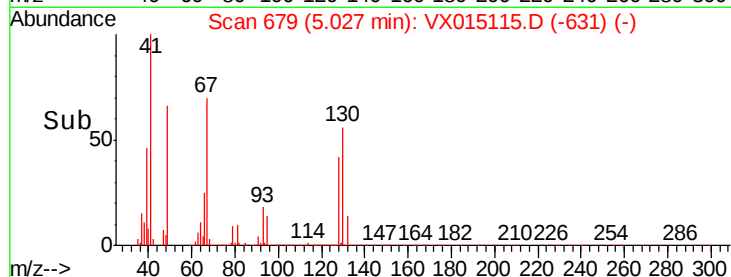
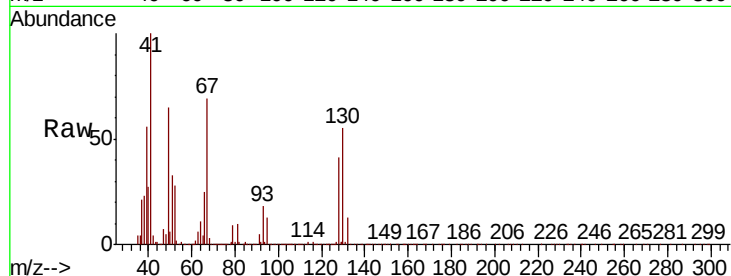




#41
Methacrylonitrile
Concen: 49.448 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

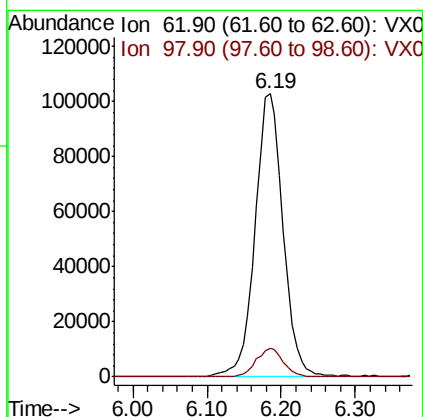
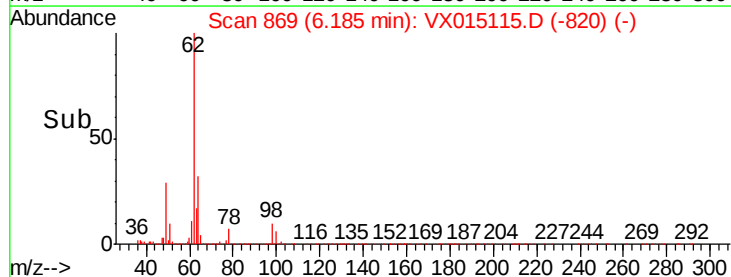
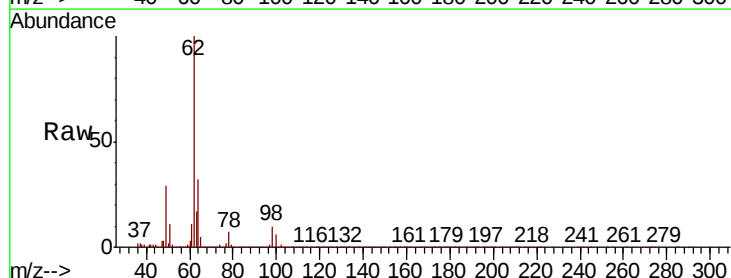
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

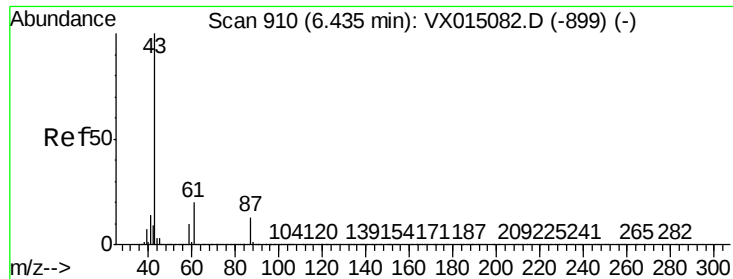
Tot Ion:	41	Resp:	143013
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.9	65.9
67	70.0	57.8	86.8
52	28.5	22.6	34.0



#42
1,2-Dichloroethane
Concen: 51.161 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:	62	Resp:	270578
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.156 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

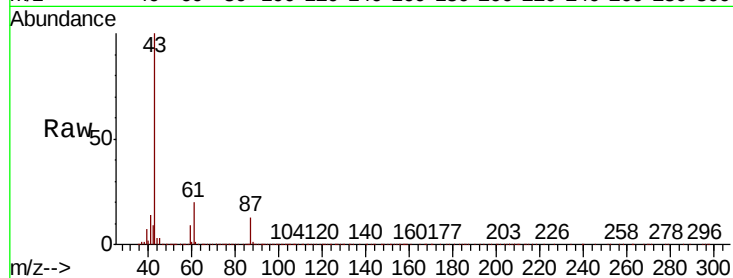
Tot Ion: 43 Resp: 424852

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

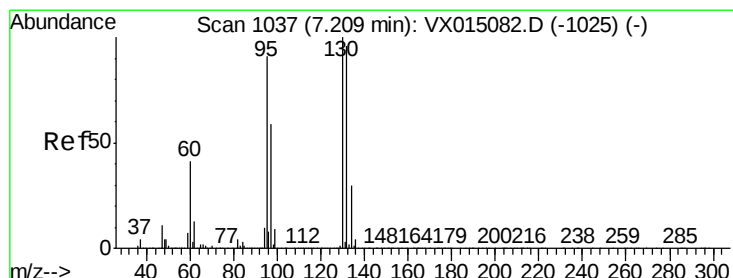
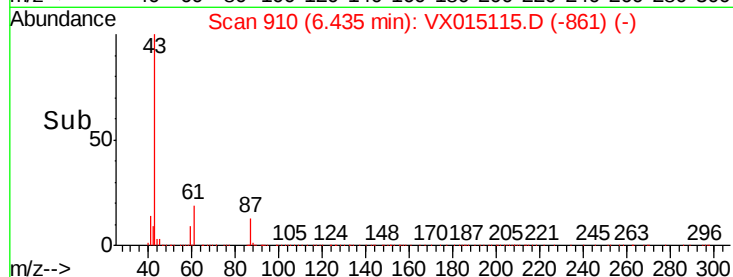
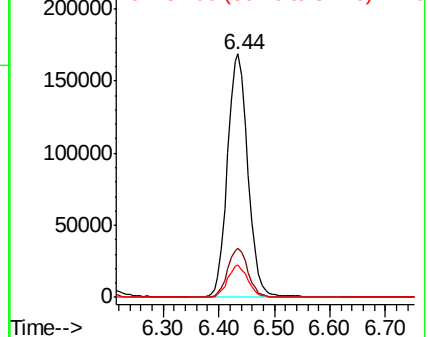
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.561 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015115.D

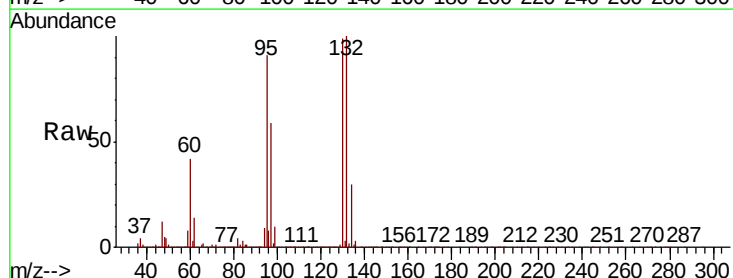
Acq: 05 Mar 2020 17:49

Tgt Ion: 130 Resp: 208275

Ion Ratio Lower Upper

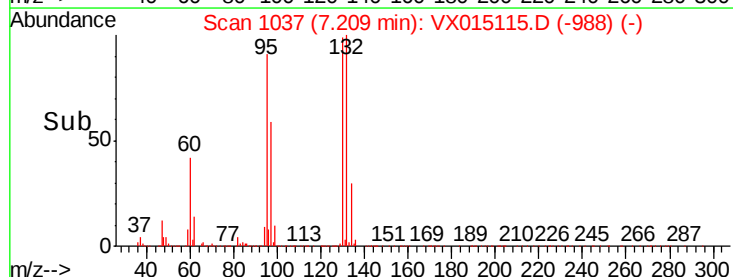
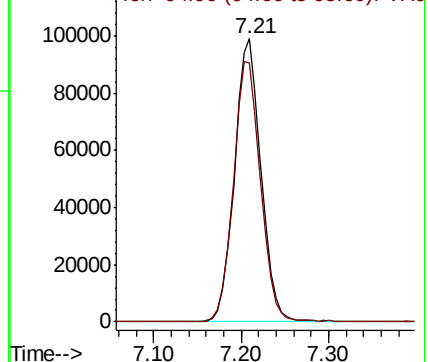
130 100

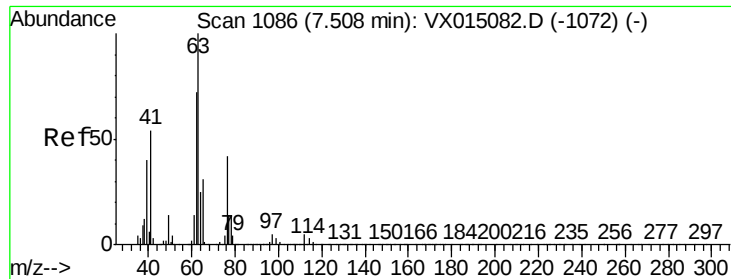
95 91.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.846 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

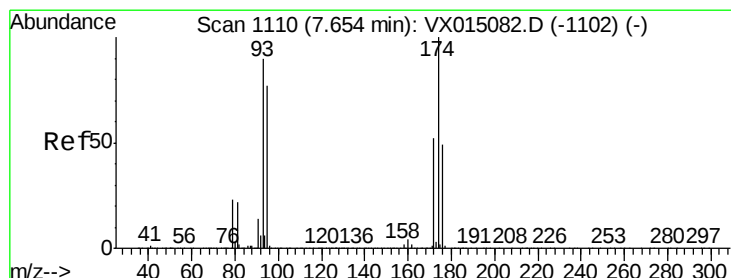
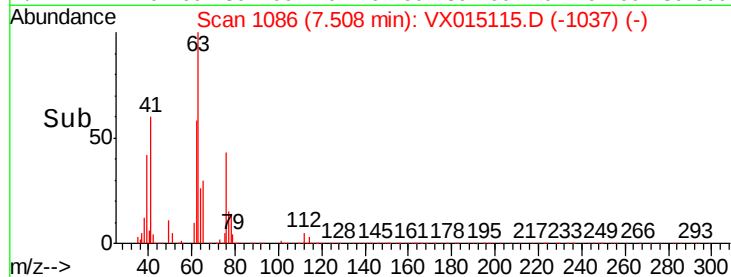
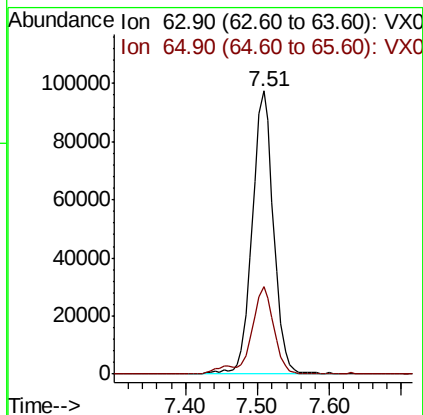
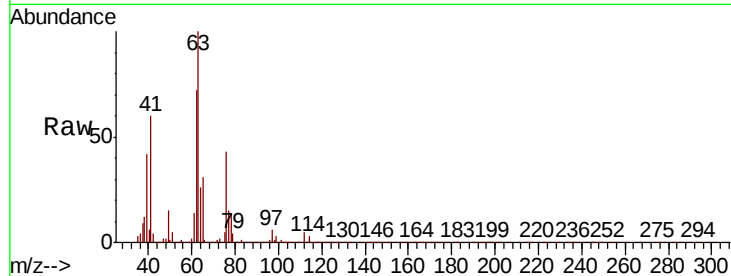
VSTDCCC050EC

Tot Ion: 63 Resp: 198700

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 49.787 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

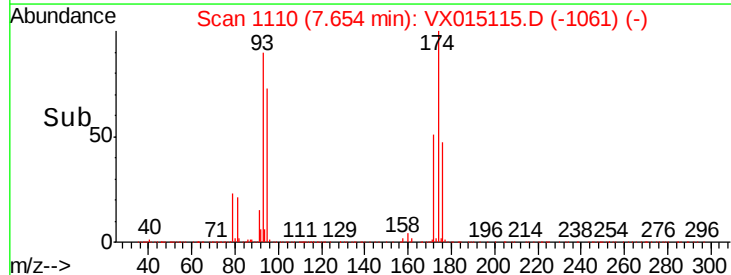
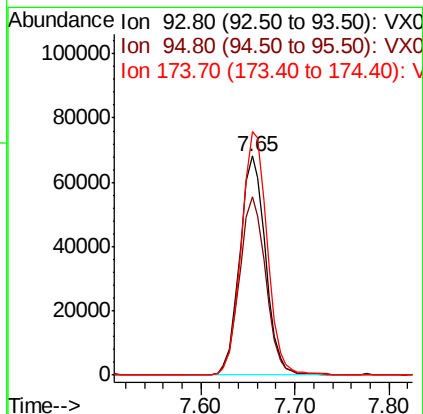
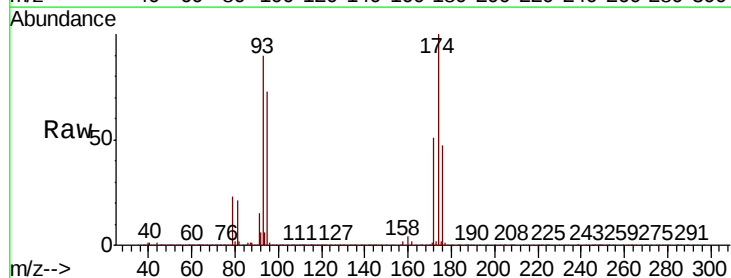
Tgt Ion: 93 Resp: 129317

Ion Ratio Lower Upper

93 100

95 83.0 67.8 101.8

174 113.2 91.0 136.4





#47

Bromodichloromethane

Concen: 51.107 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

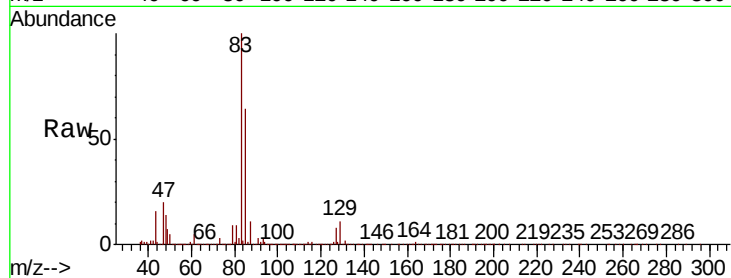
Tot Ion: 83 Resp: 262503

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

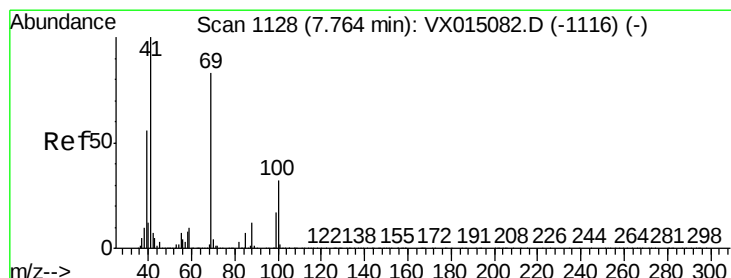
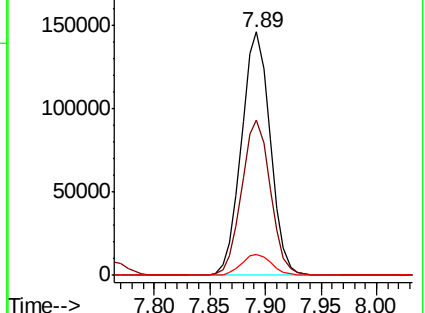
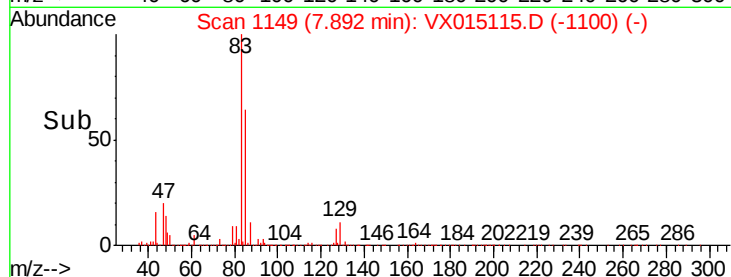
127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.526 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

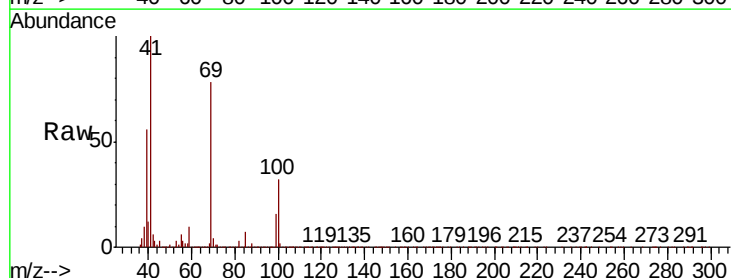
Tgt Ion: 41 Resp: 213520

Ion Ratio Lower Upper

41 100

69 80.2 65.4 98.2

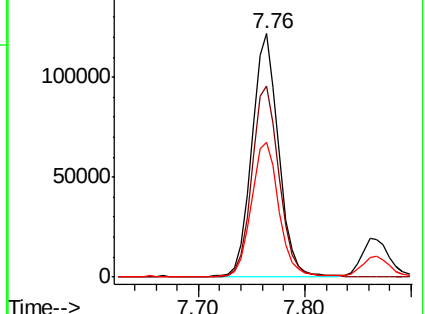
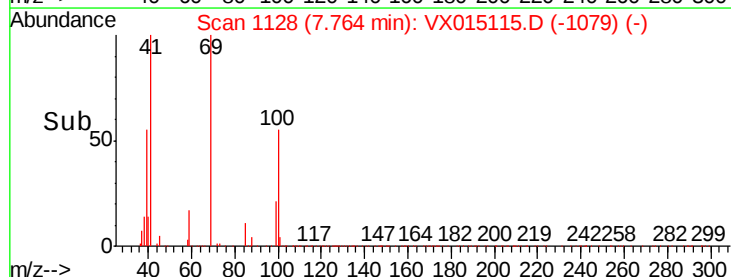
39 56.8 44.6 67.0

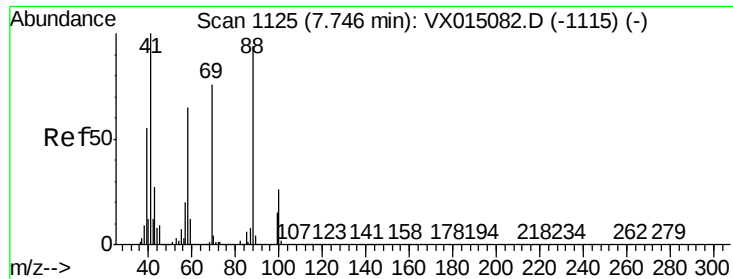


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

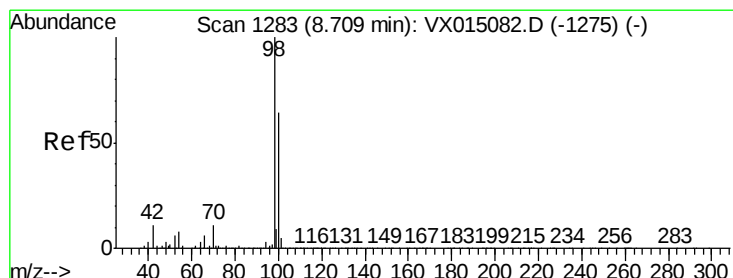
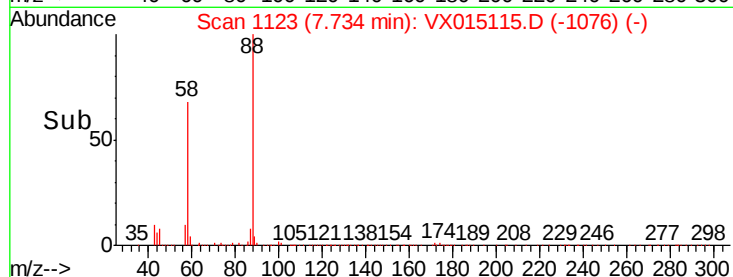
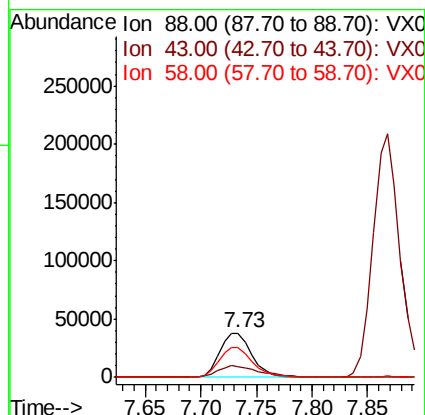
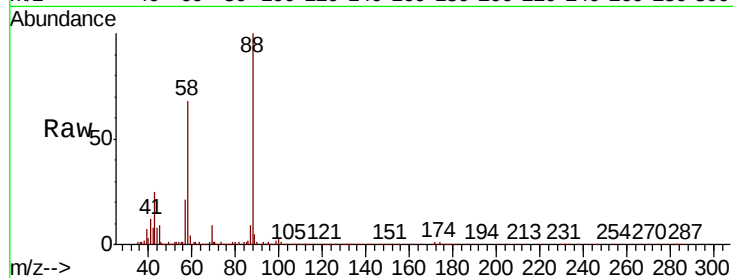




#49
1,4-Dioxane
Concen: 796.953 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

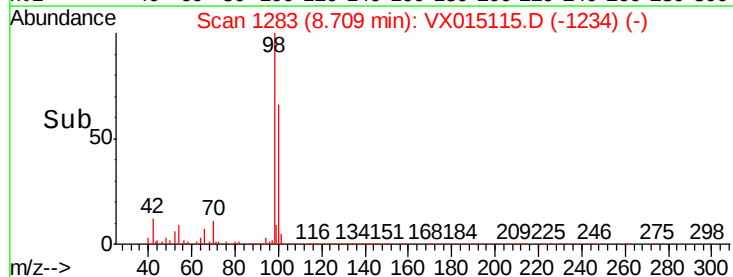
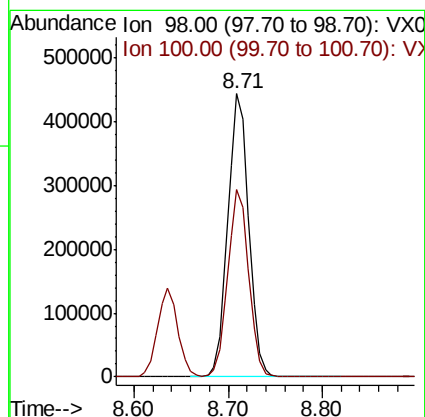
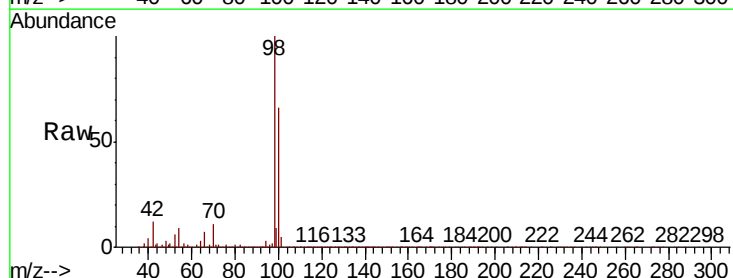
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

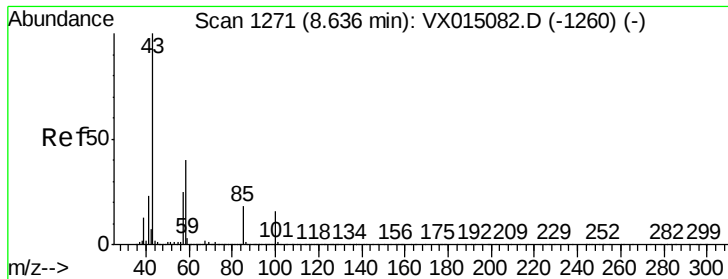
Tot Ion: 88 Resp: 74287
Ion Ratio Lower Upper
88 100
43 32.7 27.0 40.4
58 72.8 55.6 83.4



#50
Toluene-d8
Concen: 50.574 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 98 Resp: 681465
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 258.914 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

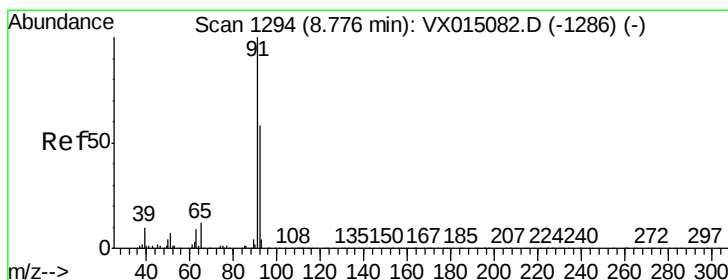
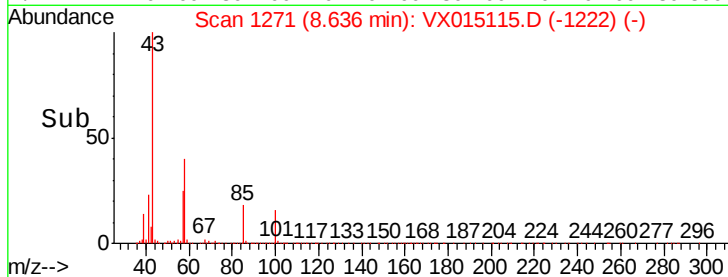
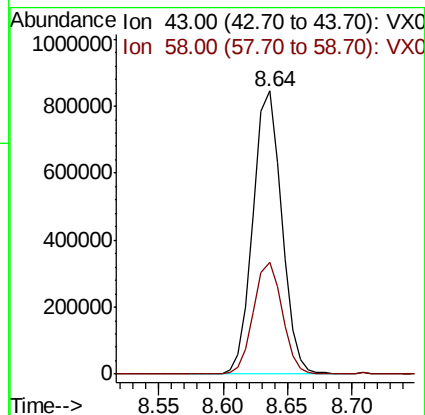
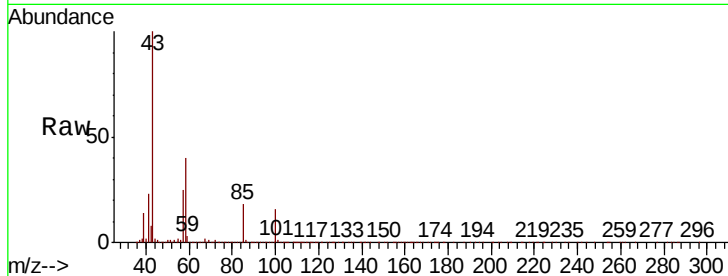
VSTDCCC050EC

Tot Ion: 43 Resp: 1296723

Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4



#52

Toluene

Concen: 51.198 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015115.D

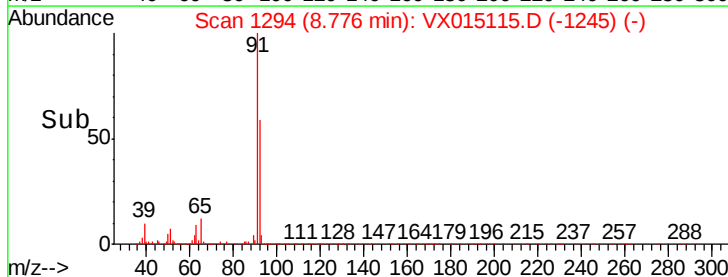
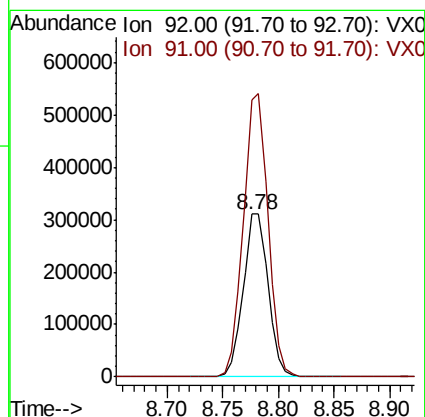
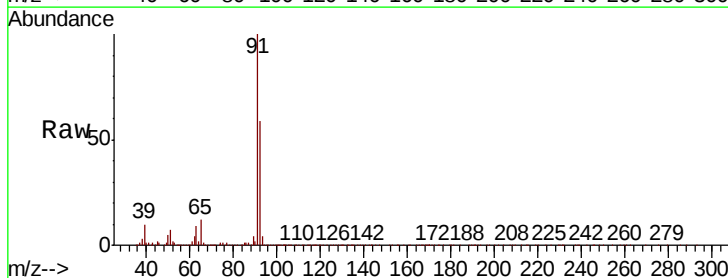
Acq: 05 Mar 2020 17:49

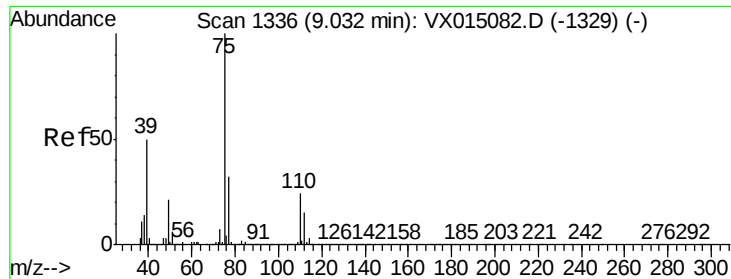
Tgt Ion: 92 Resp: 482106

Ion Ratio Lower Upper

92 100

91 172.6 136.9 205.3

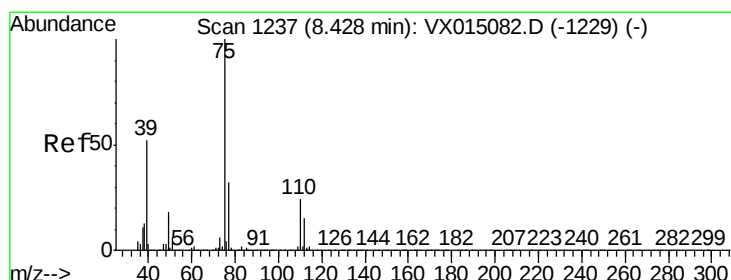
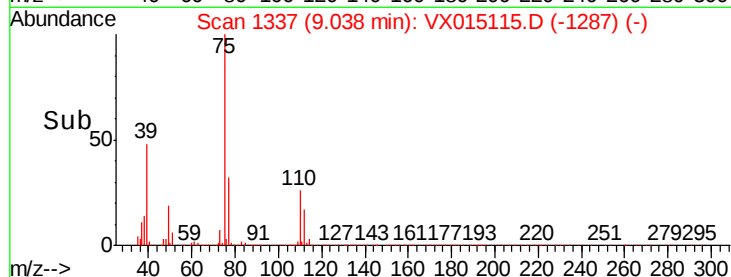
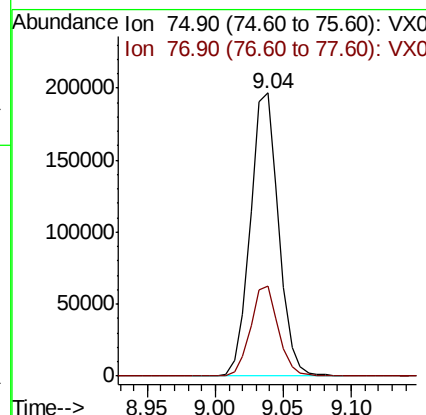
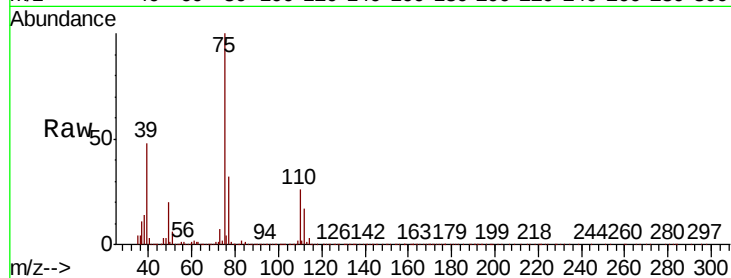




#53
 t-1,3-Dichloropropene
 Concen: 52.303 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

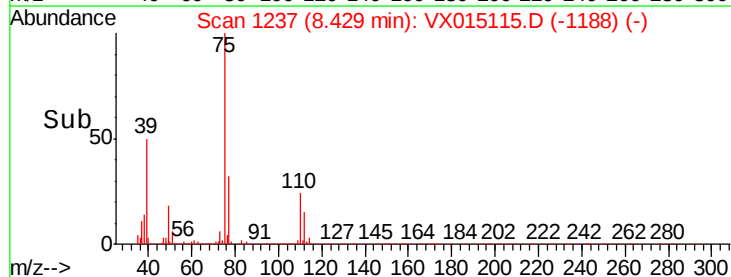
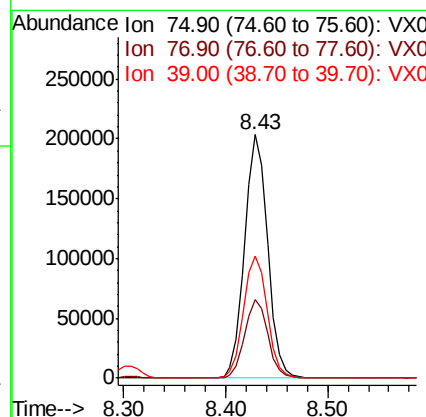
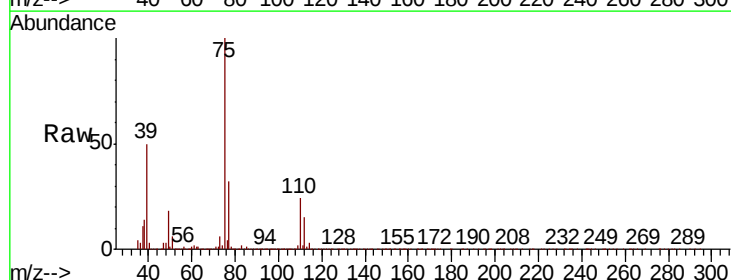
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

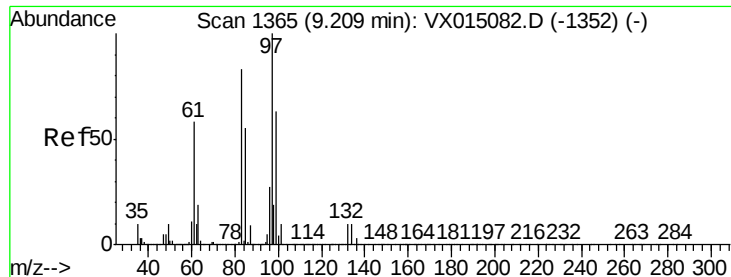
Tot Ion: 75 Resp: 285943
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.321 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion: 75 Resp: 317195
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 39 49.9 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 49.939 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 193552

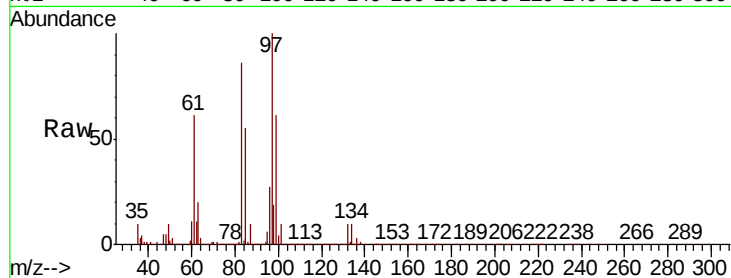
Ion Ratio Lower Upper

97 100

83 85.7 66.4 99.6

85 55.1 43.5 65.3

99 60.8 50.7 76.1

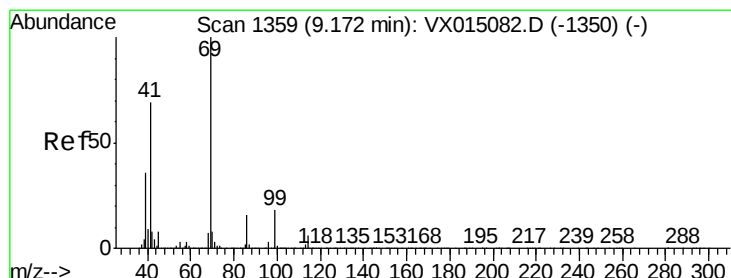
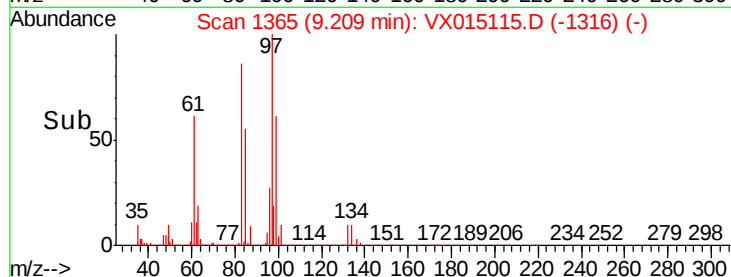
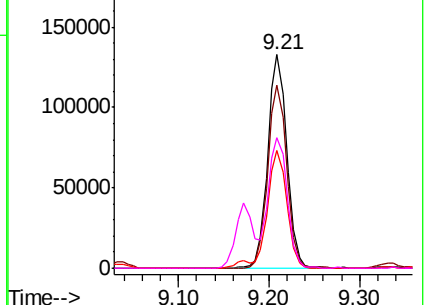


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.671 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

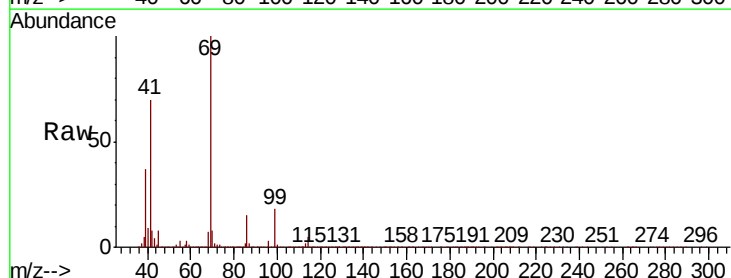
Tgt Ion: 69 Resp: 296707

Ion Ratio Lower Upper

69 100

41 69.8 55.8 83.8

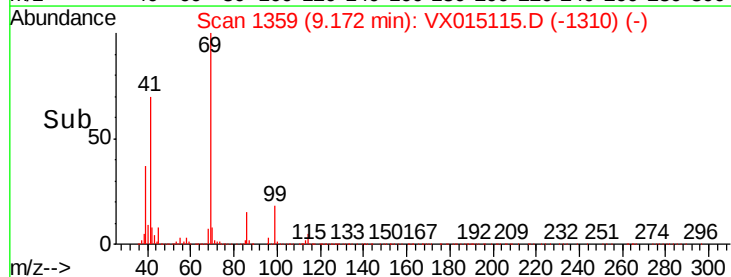
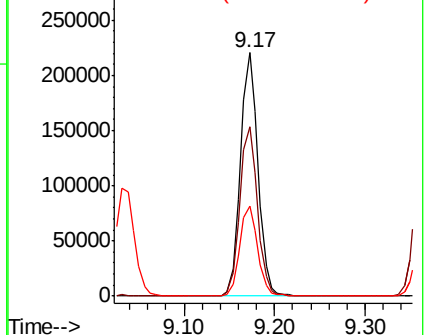
39 37.3 29.4 44.2

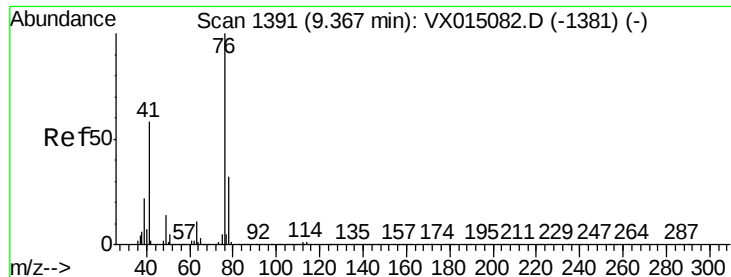


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.274 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

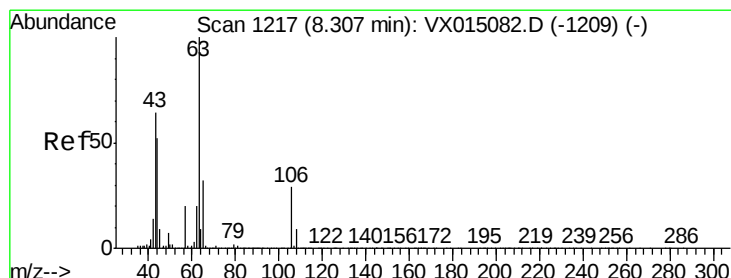
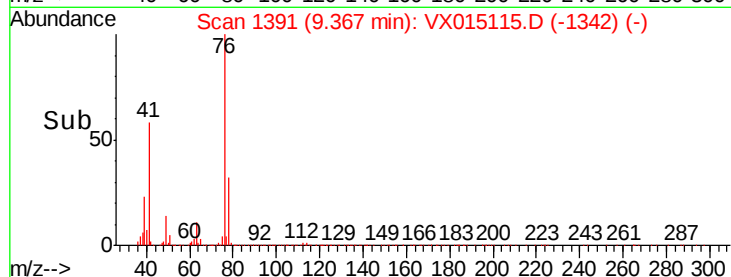
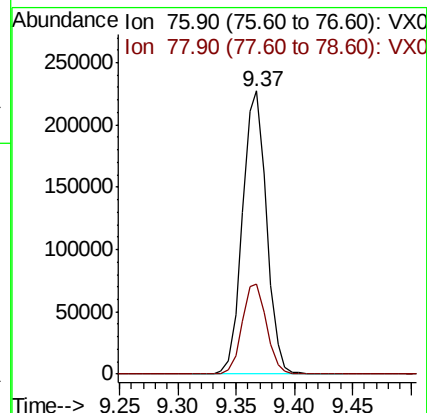
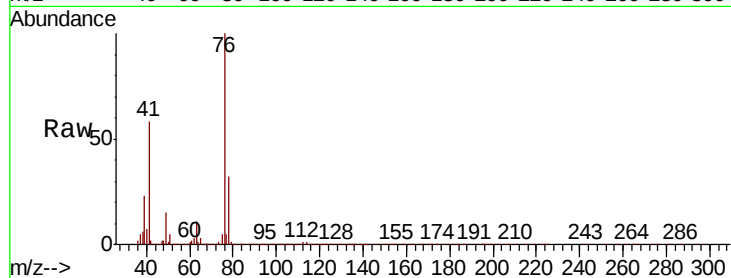
VSTDCCC050EC

Tot Ion: 76 Resp: 327811

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.554 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015115.D

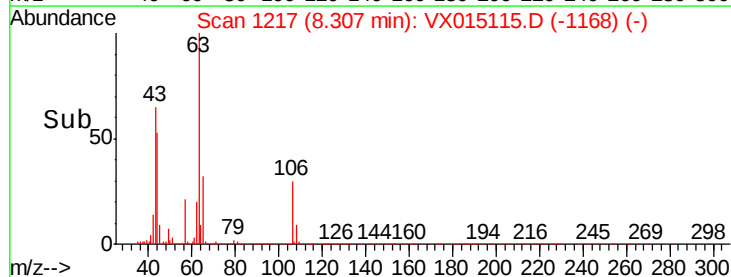
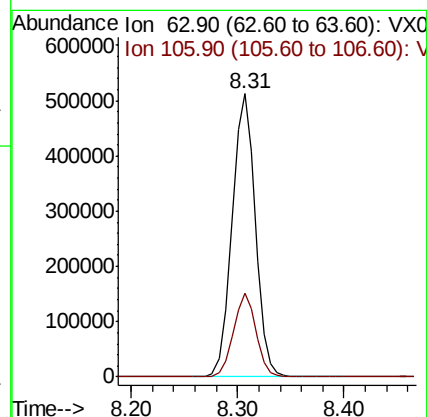
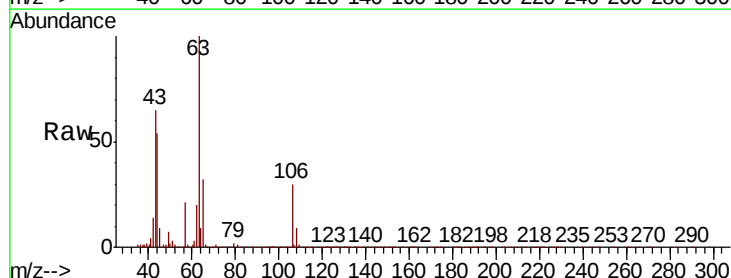
Acq: 05 Mar 2020 17:49

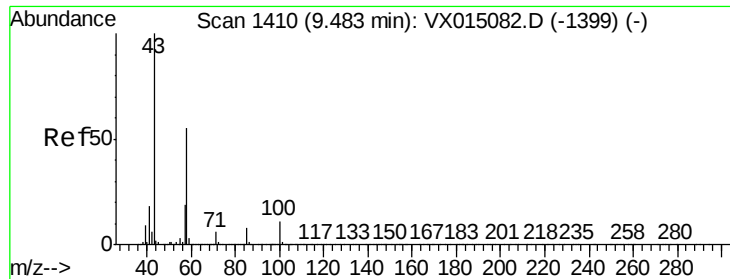
Tgt Ion: 63 Resp: 781691

Ion Ratio Lower Upper

63 100

106 28.7 22.8 34.2

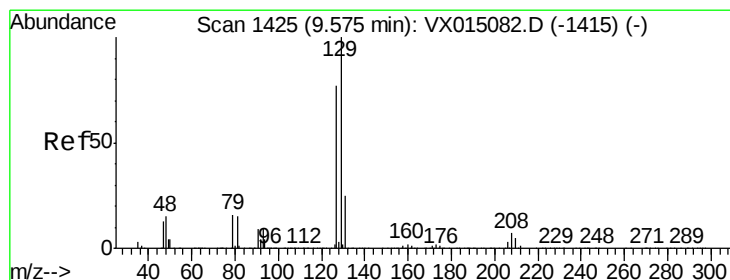
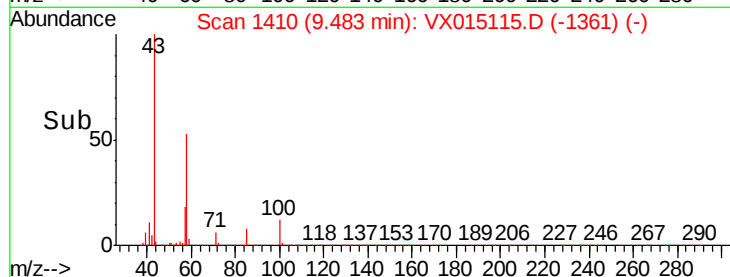
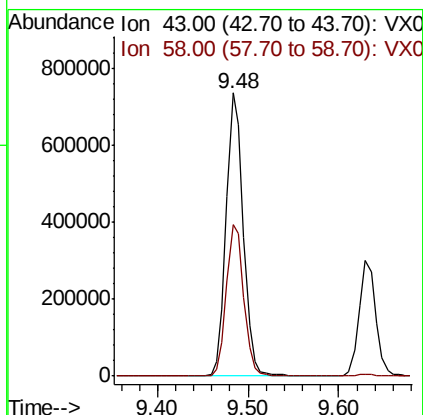
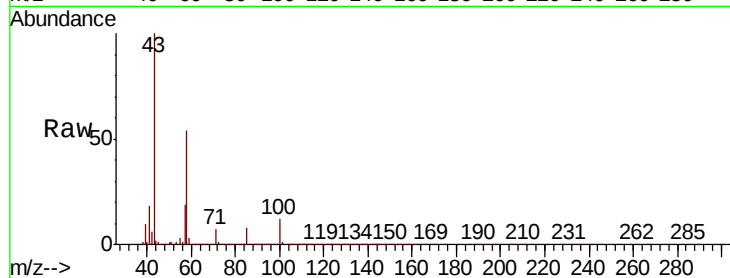




#59
2-Hexanone
Concen: 259.962 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

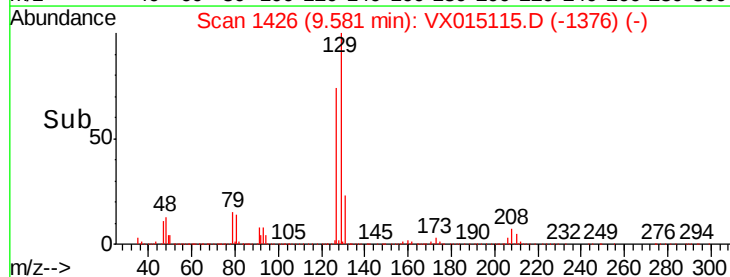
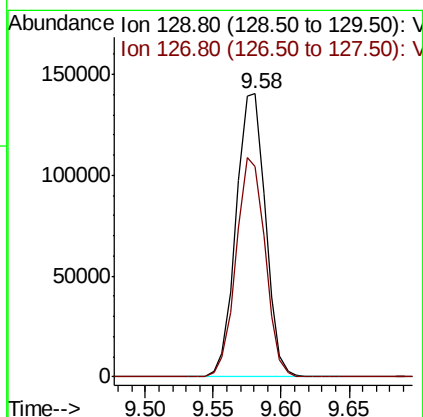
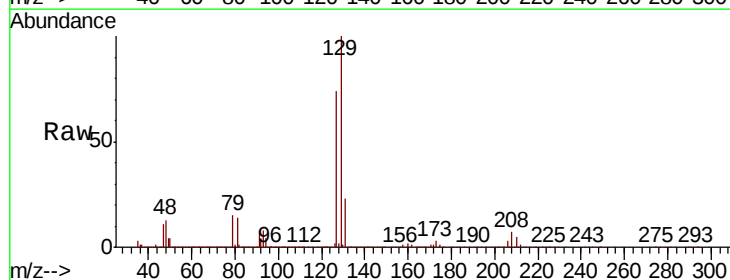
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

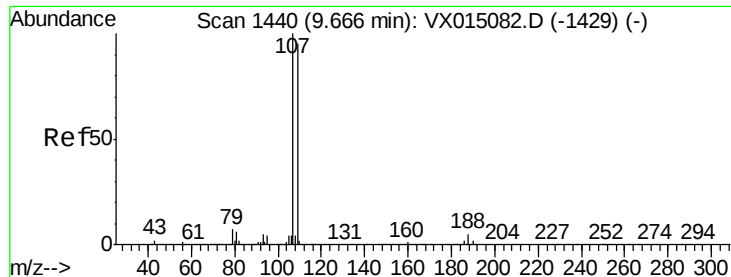
Tot Ion: 43 Resp: 965000
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 52.187 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 129 Resp: 212472
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.085 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

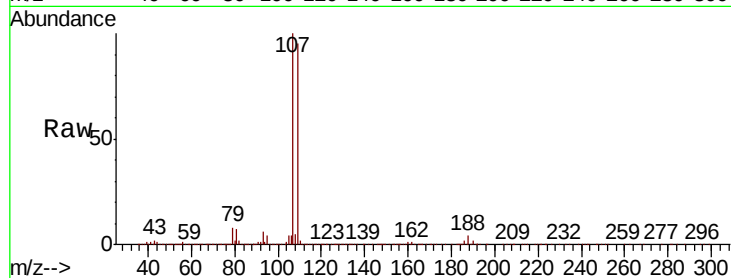
VSTDCCC050EC

Tot Ion:107 Resp: 203890

Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

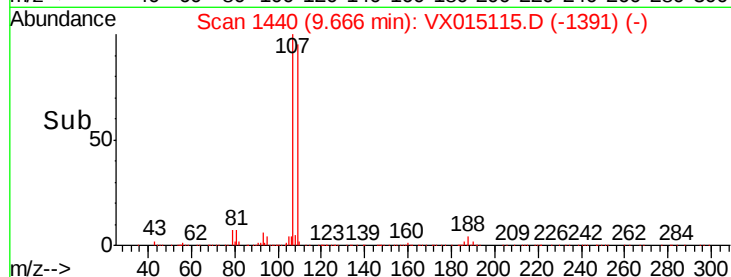
150000

100000

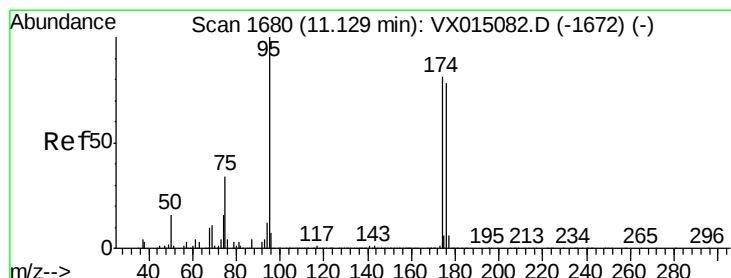
50000

0

9.60 9.67 9.70 9.80



Time-->



#62

4-Bromofluorobenzene

Concen: 51.274 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

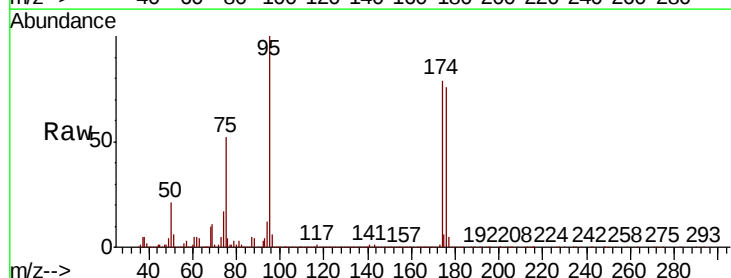
Tgt Ion: 95 Resp: 246434

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 86.9 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

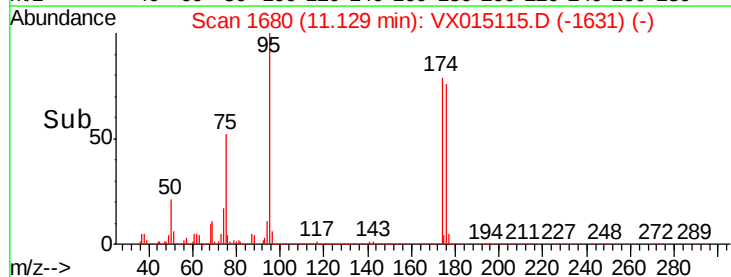
150000

100000

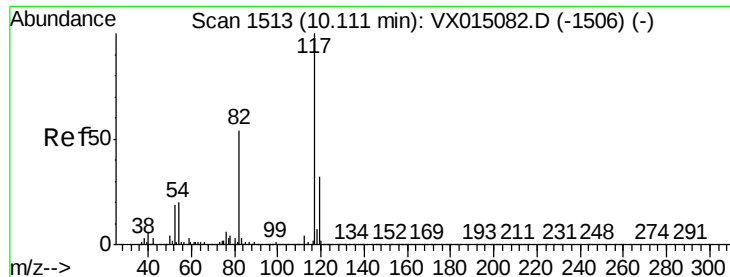
50000

0

11.05 11.10 11.13 11.20



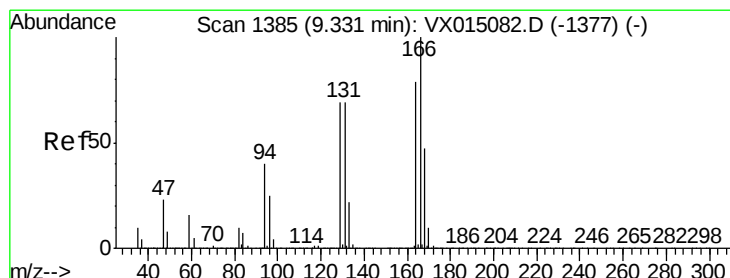
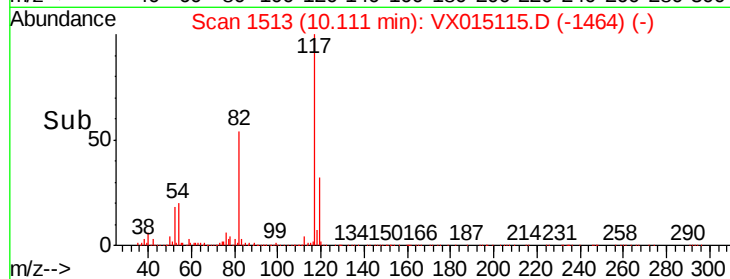
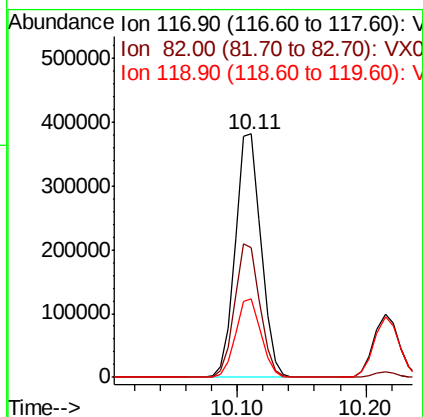
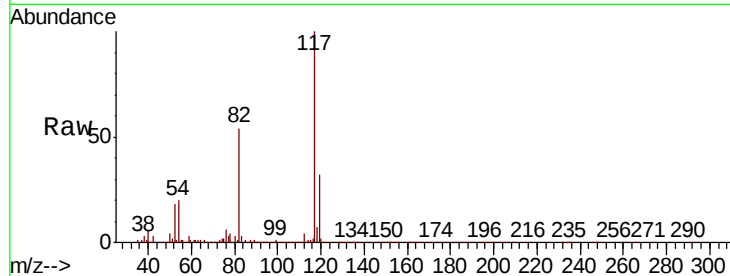
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

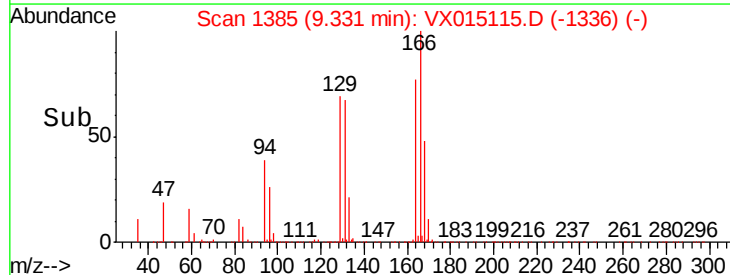
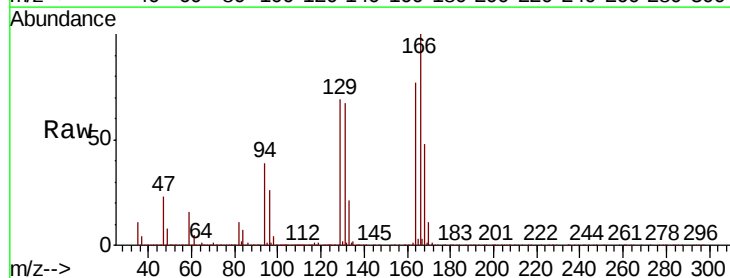
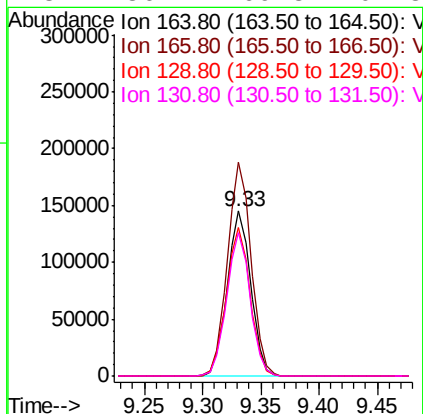
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 46.633 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.1	151.7
129	89.9	69.4	104.0
131	86.4	69.8	104.8





#65

Chlorobenzene

Concen: 49.482 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

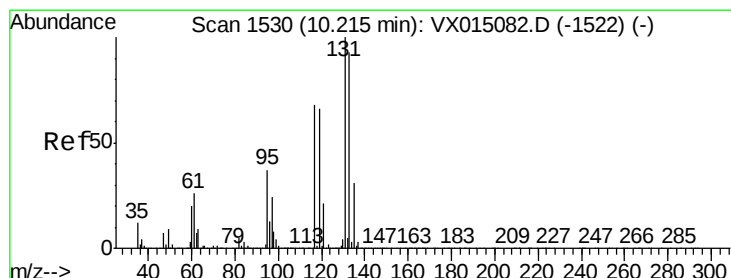
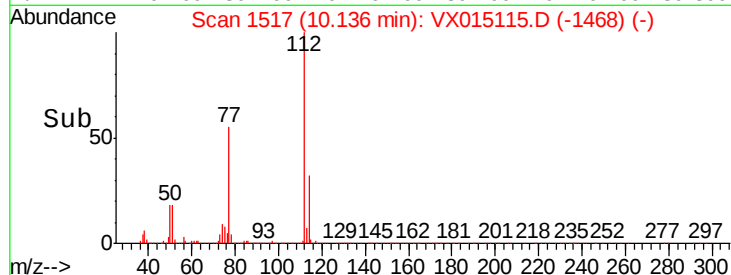
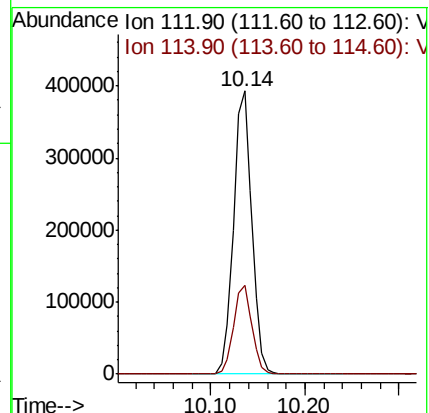
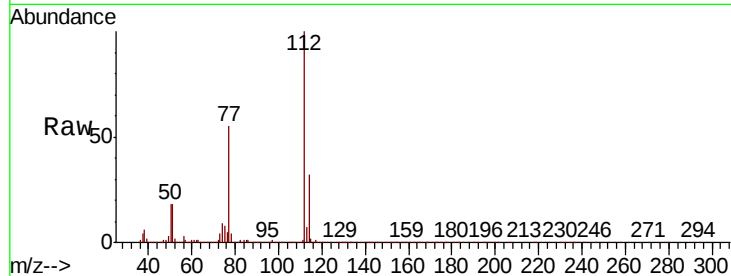
VSTDCCC050EC

Tot Ion:112 Resp: 527186

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 47.859 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

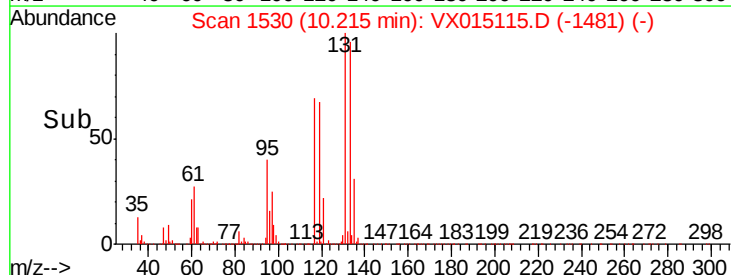
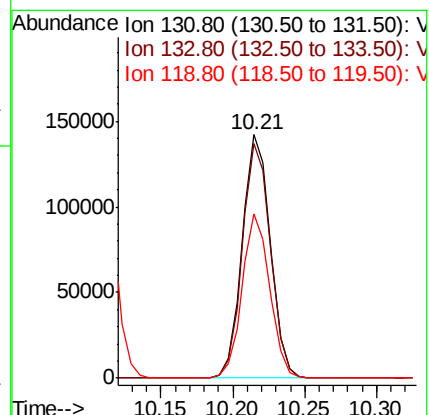
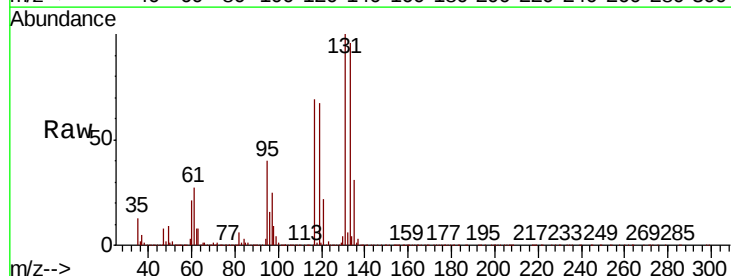
Tgt Ion:131 Resp: 192265

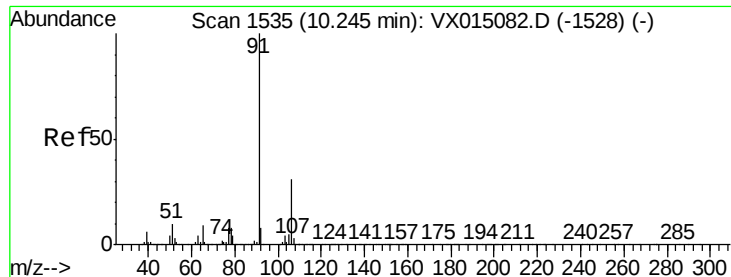
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.5

119 66.2 33.4 100.1

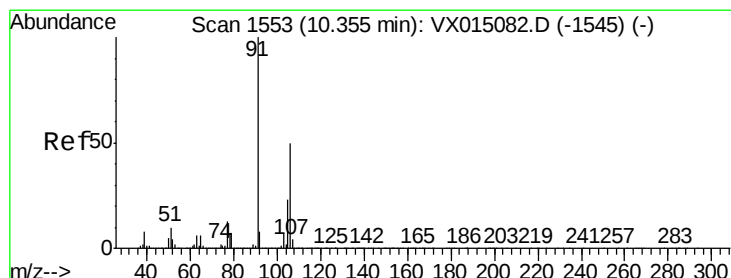
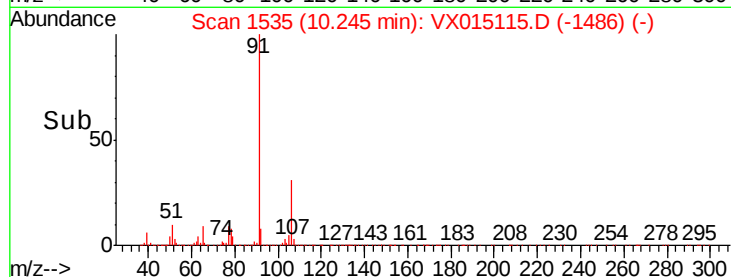
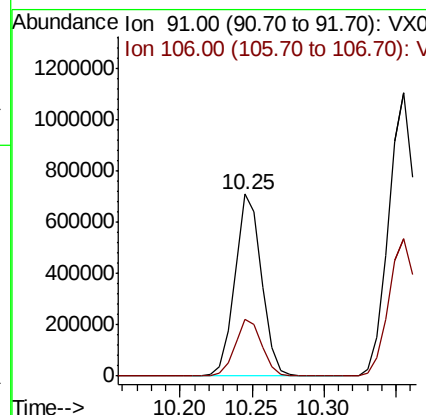
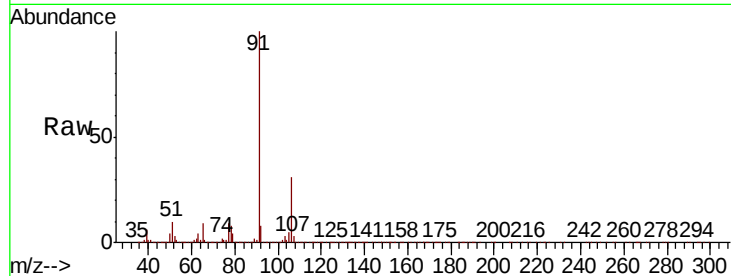




#67
Ethyl Benzene
Concen: 50.974 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

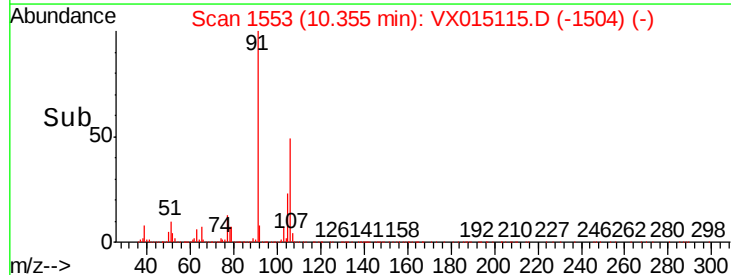
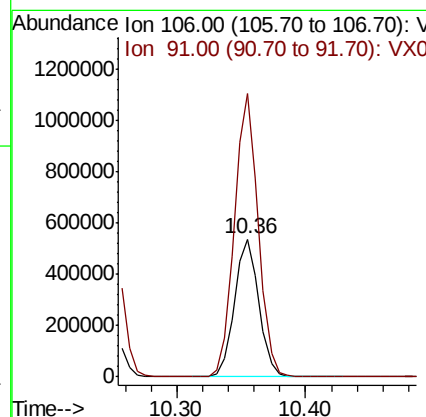
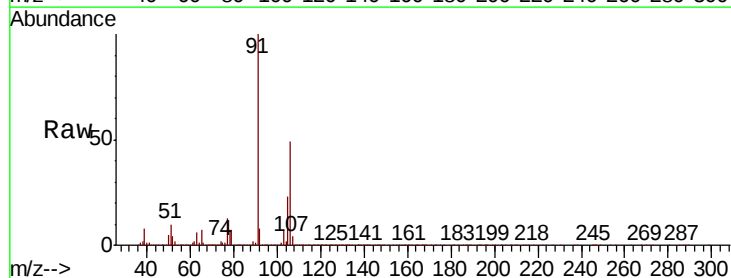
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

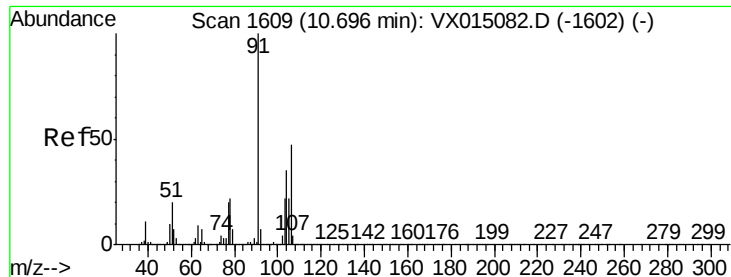
Tot Ion: 91 Resp: 922196
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 102.544 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 106 Resp: 705830
Ion Ratio Lower Upper
106 100
91 202.0 159.4 239.2

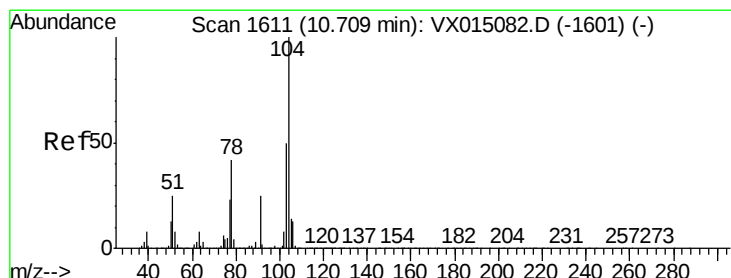
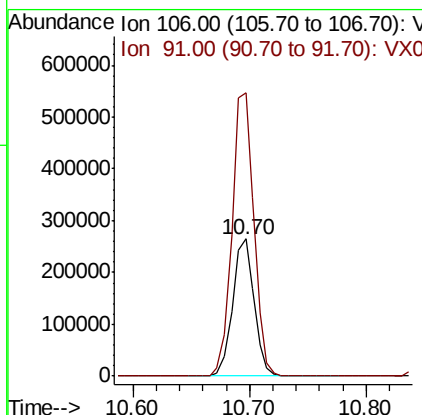
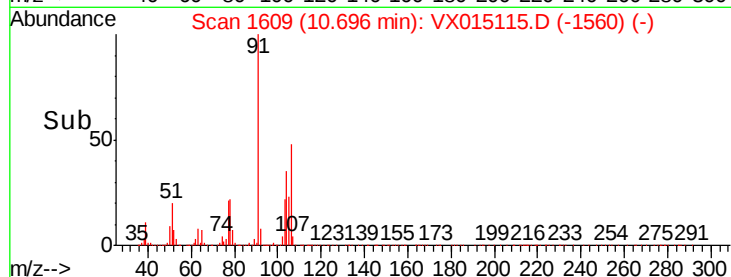
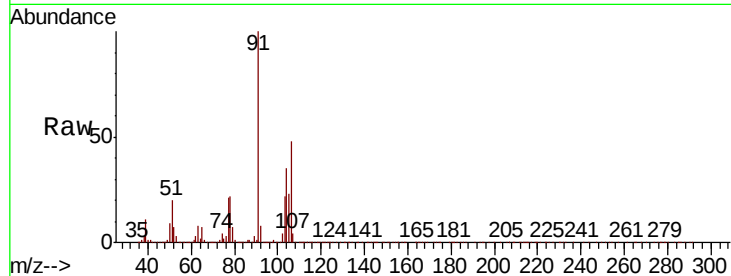




#69
o-Xylene
Concen: 51.314 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

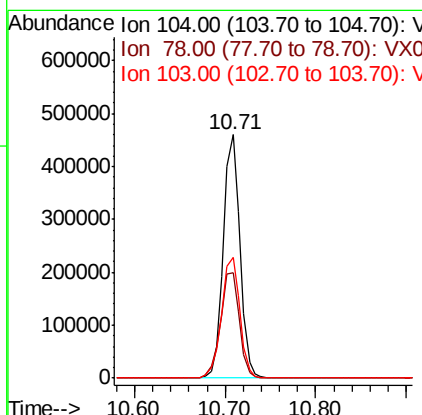
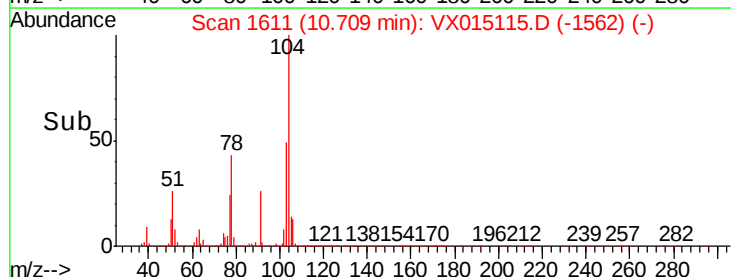
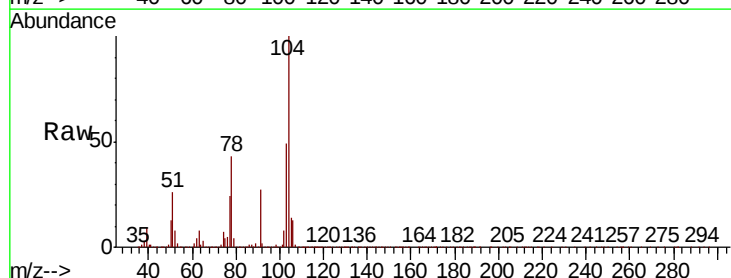
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

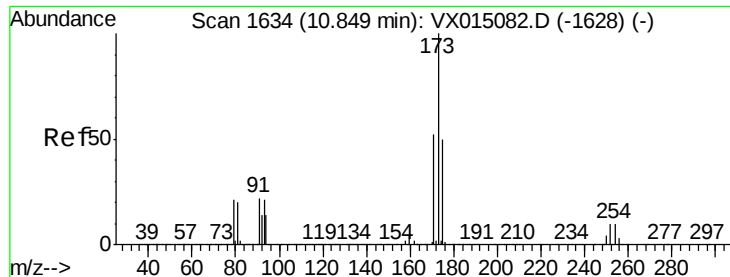
Tot Ion:106 Resp: 338167
Ion Ratio Lower Upper
106 100
91 211.1 105.4 316.1



#70
Styrene
Concen: 52.123 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:104 Resp: 588966
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.6 43.7 65.5

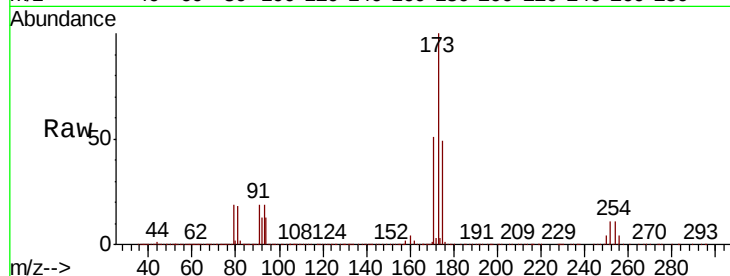




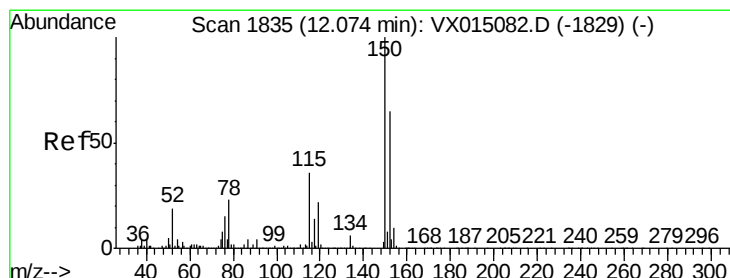
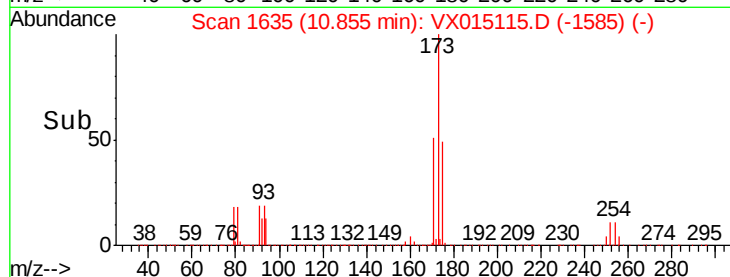
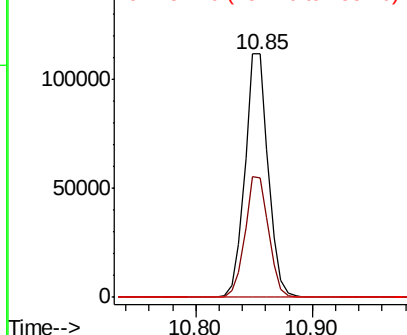
#71
Bromoform
Concen: 49.849 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 155293
Ion Ratio Lower Upper
173 100
175 50.4 24.9 74.7
254 0.3 0.2 0.2#

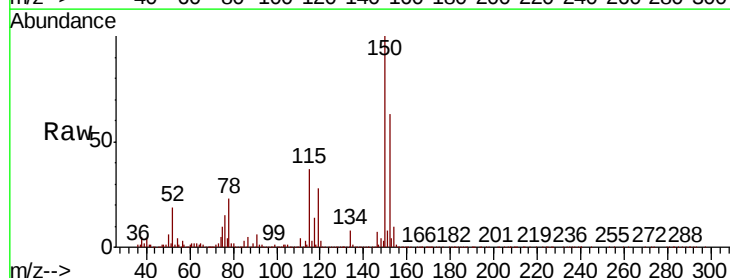


Abundance Ion 172.70 (172.40 to 173.40): V
150000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

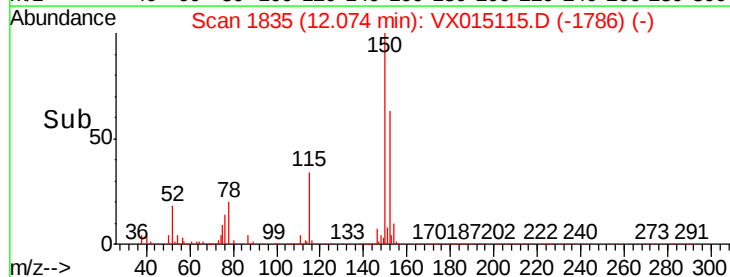
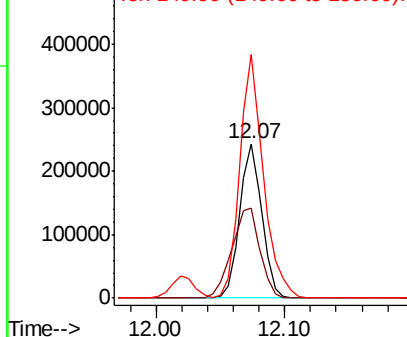


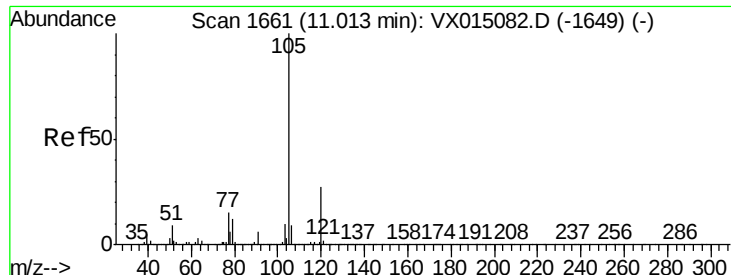
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:152 Resp: 287153
Ion Ratio Lower Upper
152 100
115 74.9 38.2 114.6
150 170.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
500000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.499 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

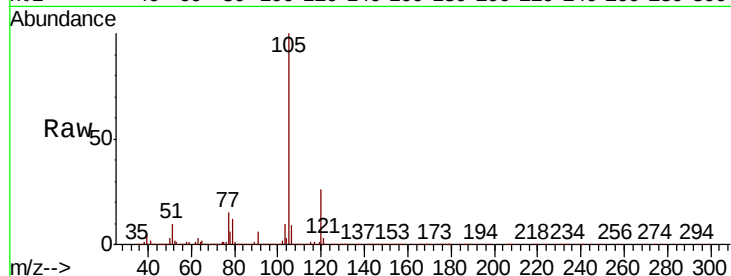
VSTDCCC050EC

Tot Ion:105 Resp: 907988

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

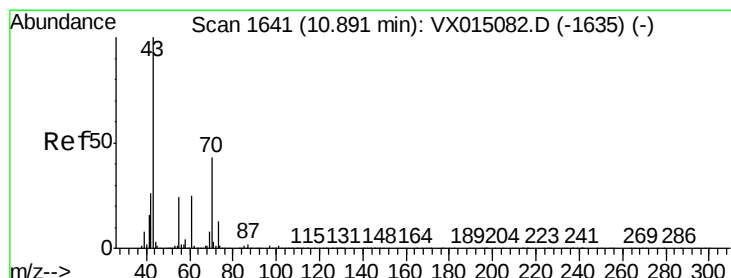
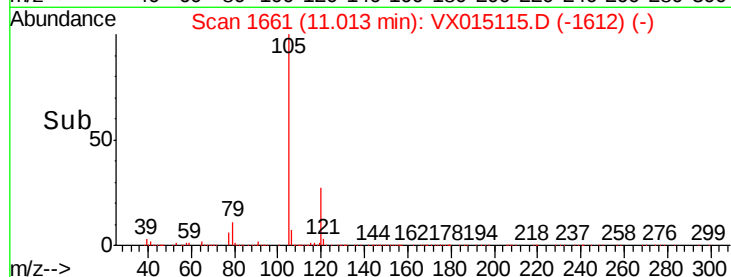
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.416 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion: 43 Resp: 382018

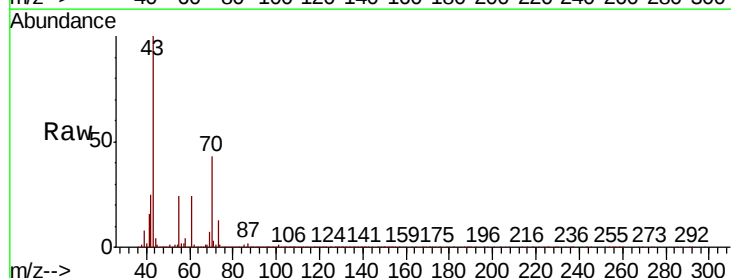
Ion Ratio Lower Upper

43 100

70 42.6 34.7 52.1

55 24.4 19.4 29.0

61 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

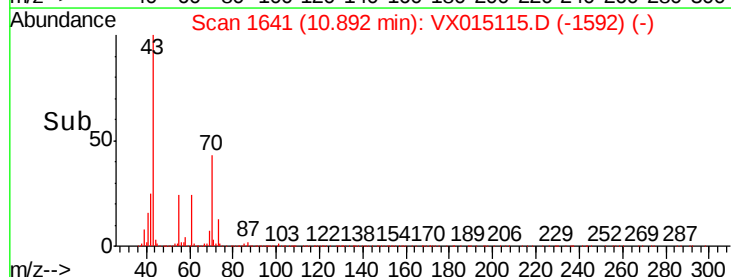
300000

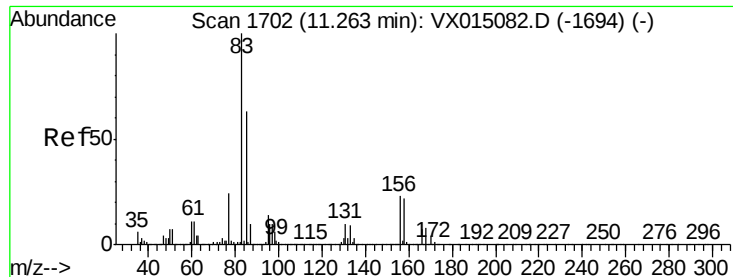
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 47.011 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

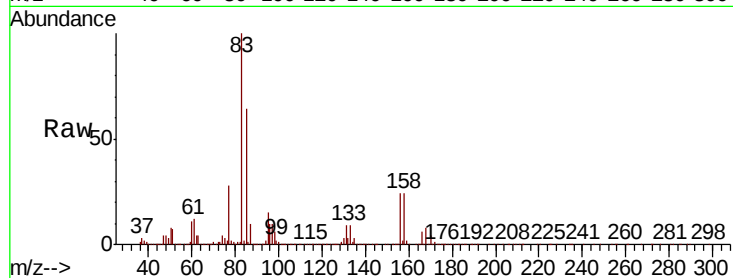
Tot Ion: 83 Resp: 287392

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

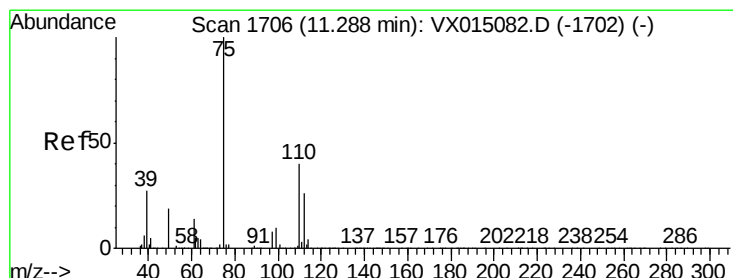
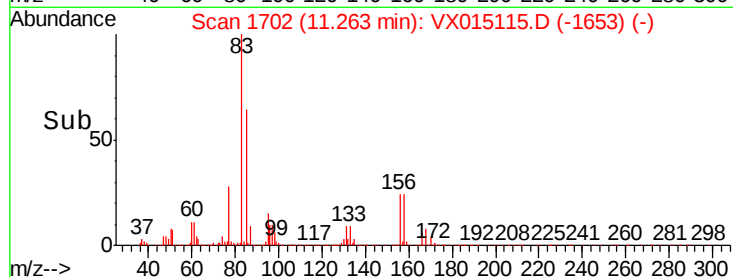
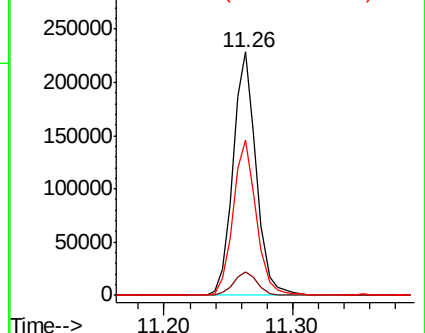
85 63.8 31.9 95.9



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: 57.154 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015115.D

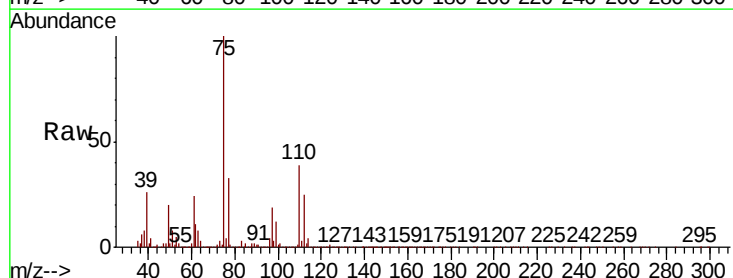
Acq: 05 Mar 2020 17:49

Tgt Ion: 75 Resp: 327368

Ion Ratio Lower Upper

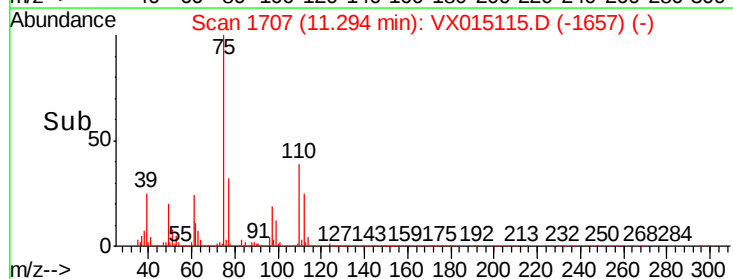
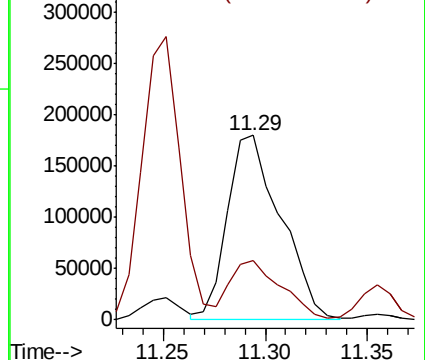
75 100

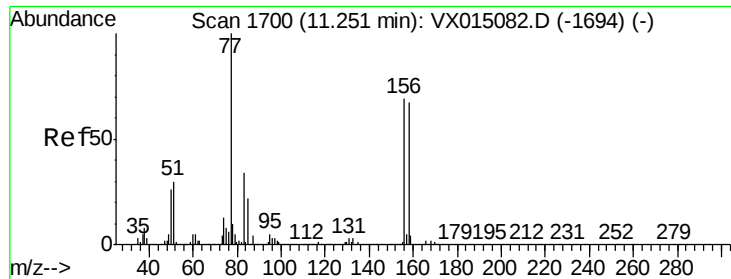
77 30.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.701 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

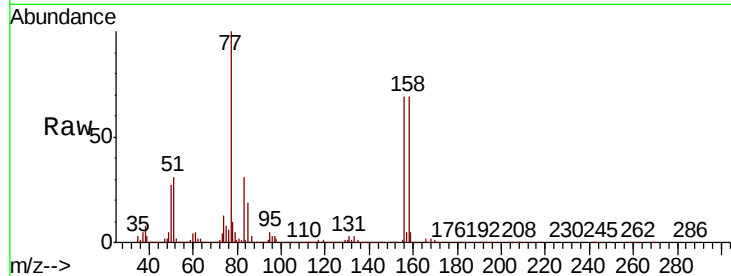
Tot Ion:156 Resp: 238742

Ion Ratio Lower Upper

156 100

77 152.0 75.3 225.9

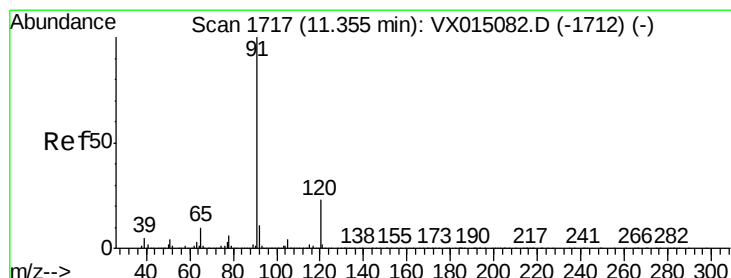
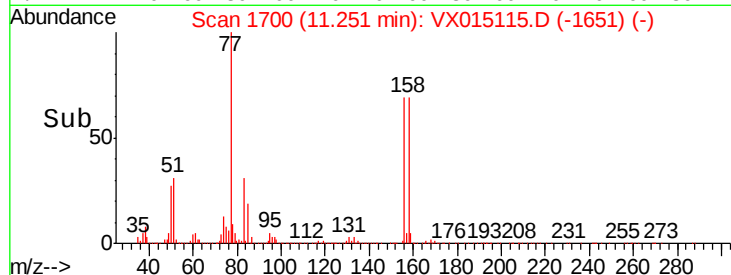
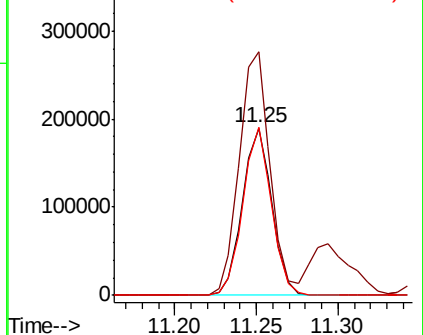
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.008 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015115.D

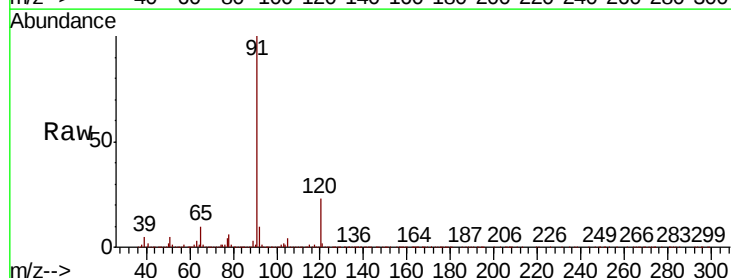
Acq: 05 Mar 2020 17:49

Tgt Ion: 91 Resp: 1048005

Ion Ratio Lower Upper

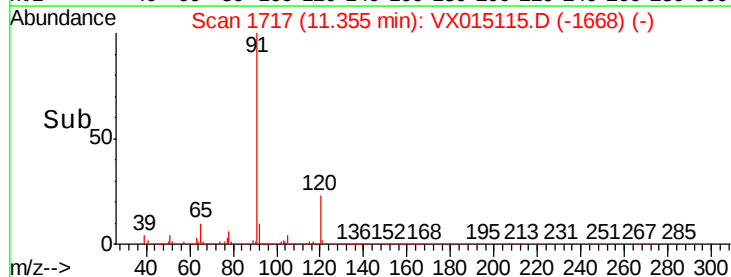
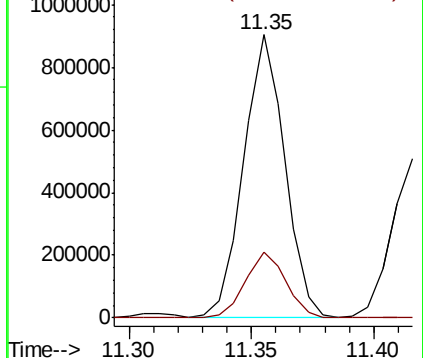
91 100

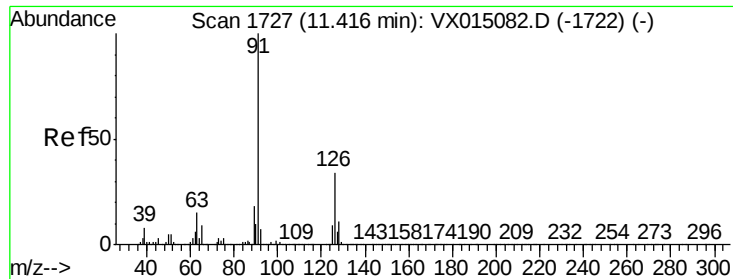
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

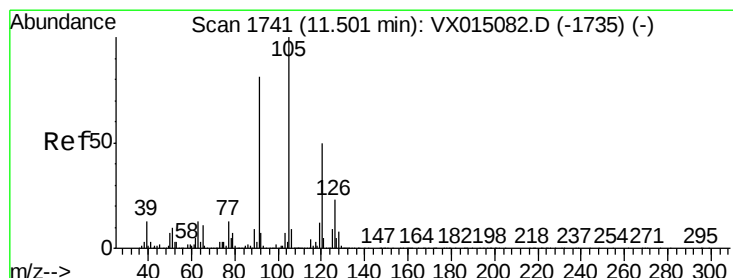
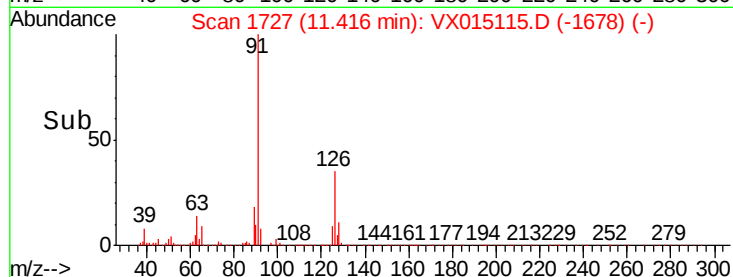
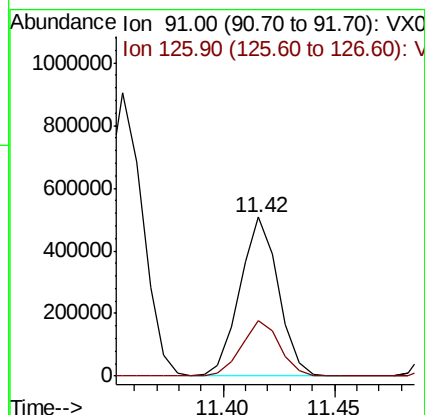
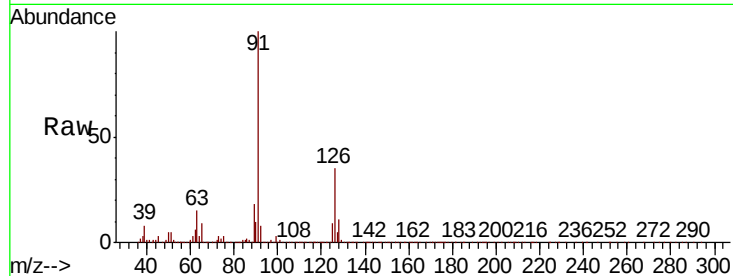




#79
 2-Chlorotoluene
 Concen: 48.624 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

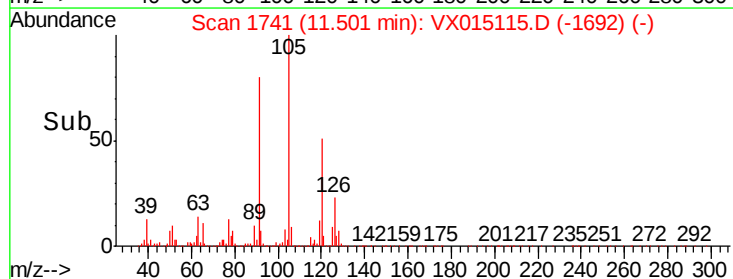
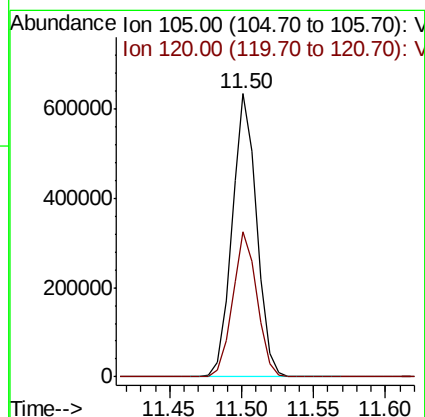
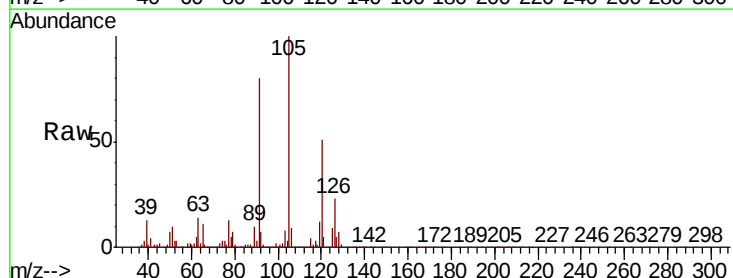
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

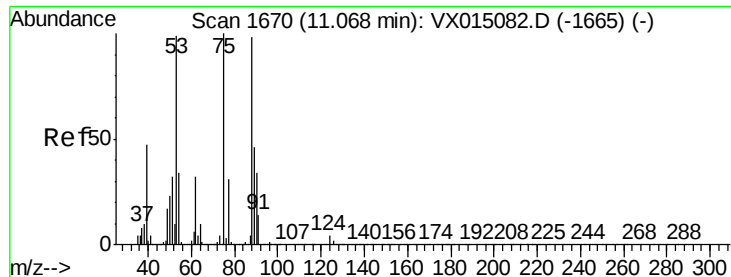
Tot Ion: 91 Resp: 608540
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.589 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion: 105 Resp: 757233
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.4

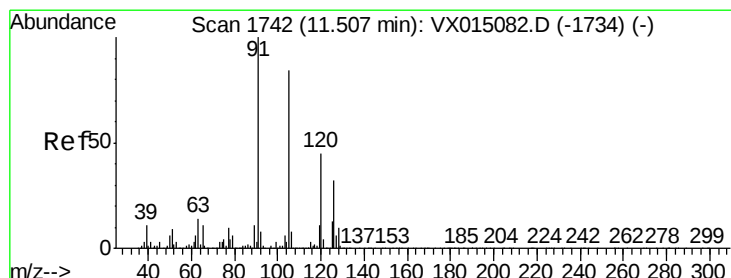
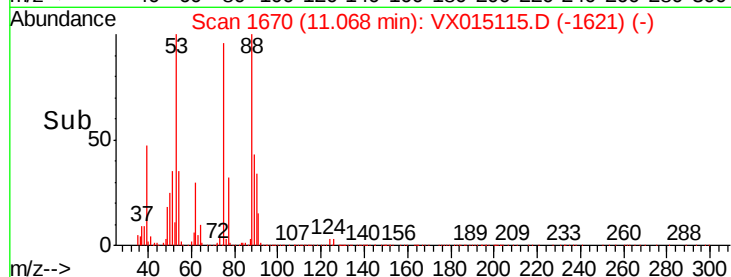
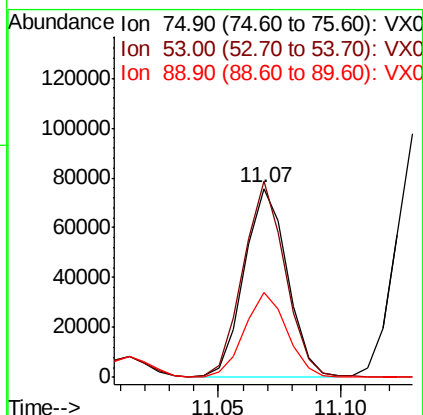
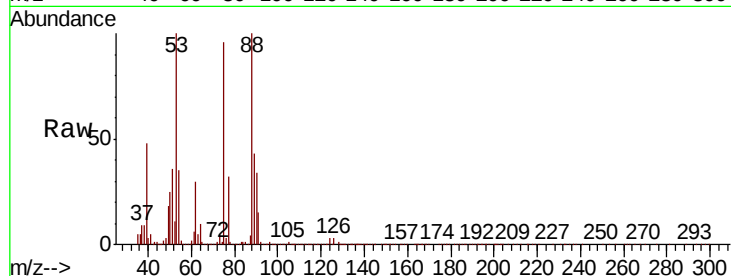




#81
trans-1,4-Dichloro-2-butene
Concen: 45.837 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

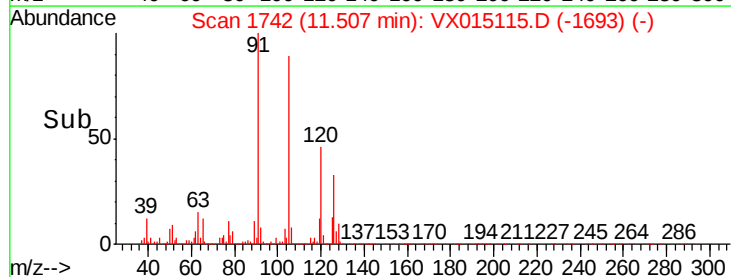
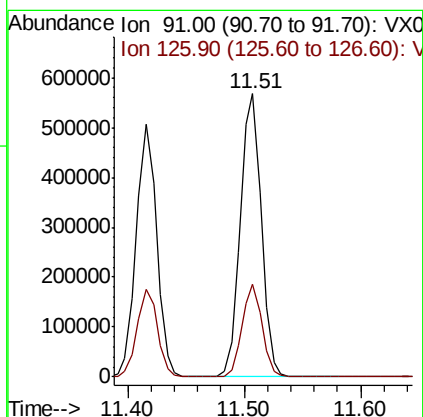
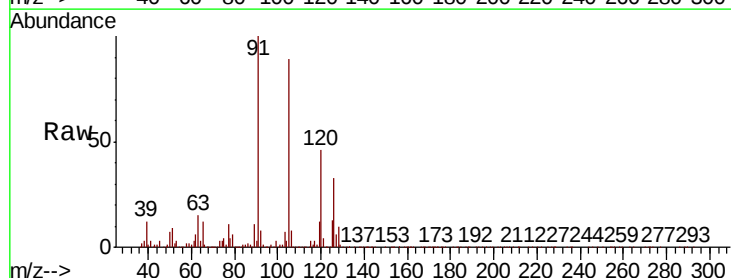
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 92511
Ion Ratio Lower Upper
75 100
53 100.7 77.9 116.9
89 45.0 36.2 54.2



#82
4-Chlorotoluene
Concen: 48.381 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 91 Resp: 715359
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

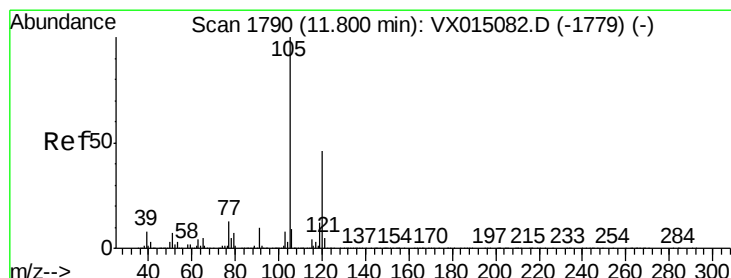
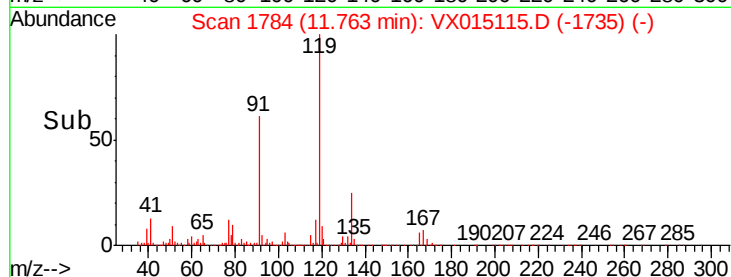
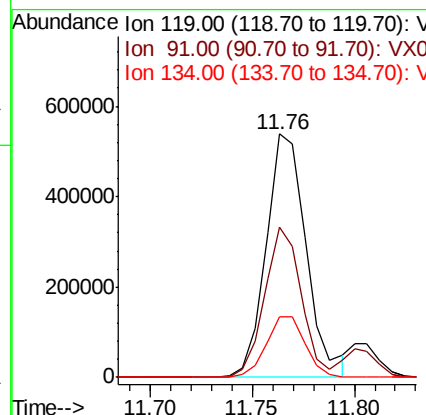
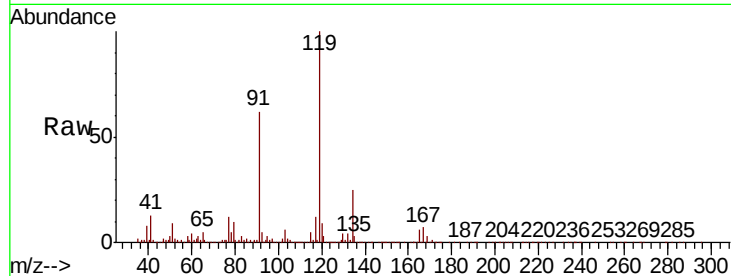




#83
tert-Butylbenzene
Concen: 50.003 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

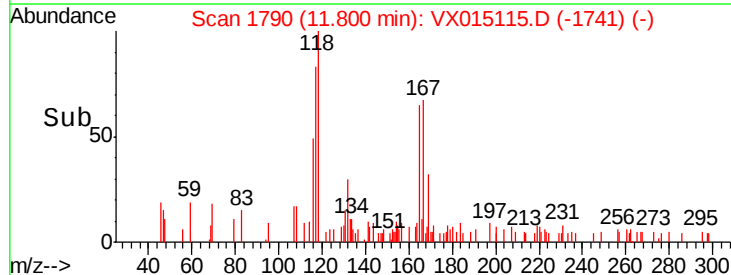
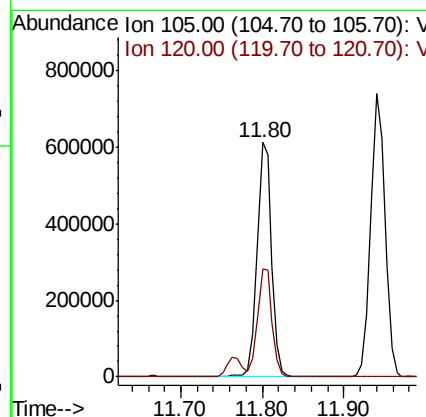
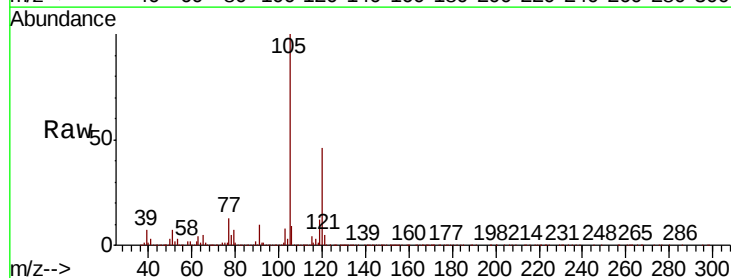
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

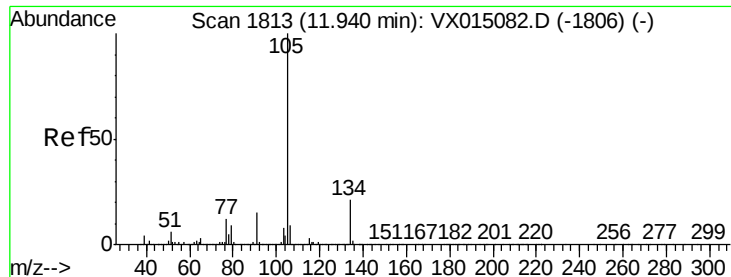
Tot Ion:119 Resp: 738311
Ion Ratio Lower Upper
119 100
91 56.5 28.5 85.6
134 24.2 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 49.889 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:105 Resp: 765325
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.461 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

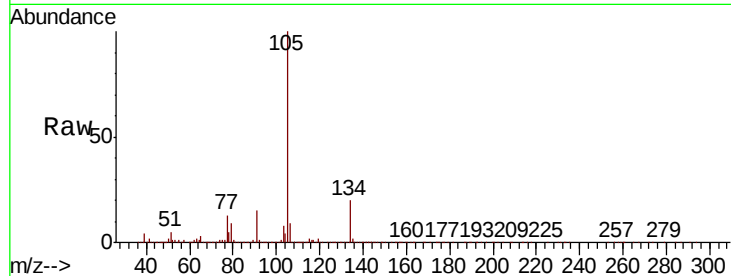
VSTDCCC050EC

Tot Ion:105 Resp: 881596

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

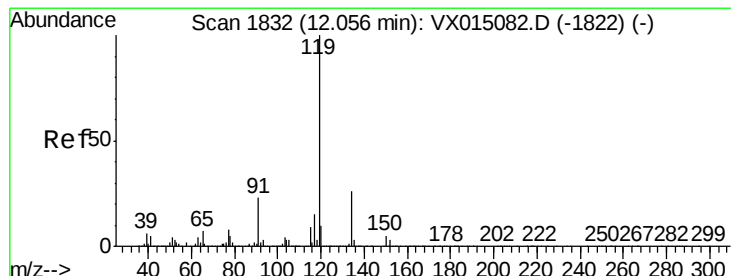
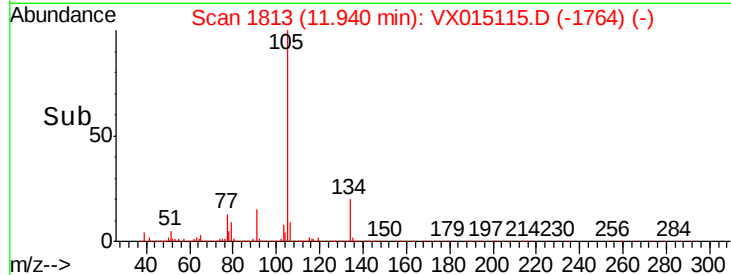
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.888 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

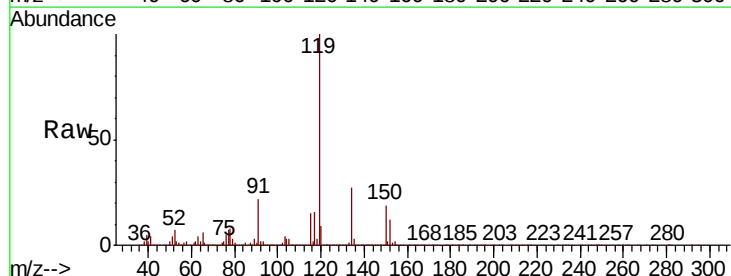
Tgt Ion:119 Resp: 819244

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

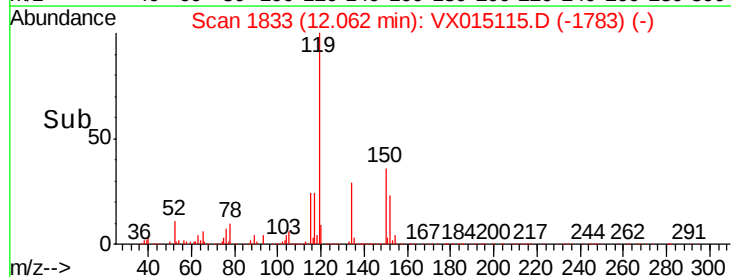
600000

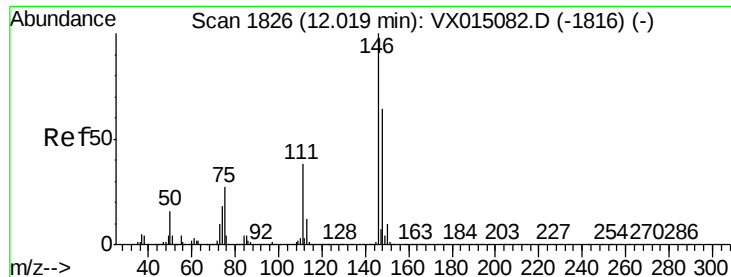
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.937 ug/l

RT: 12.02 min Scan# 1826

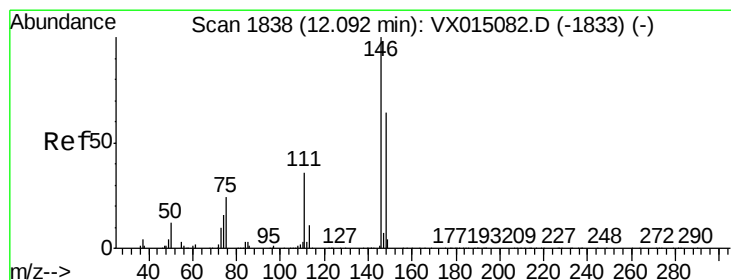
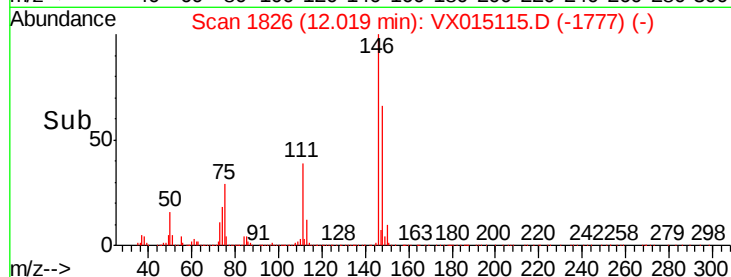
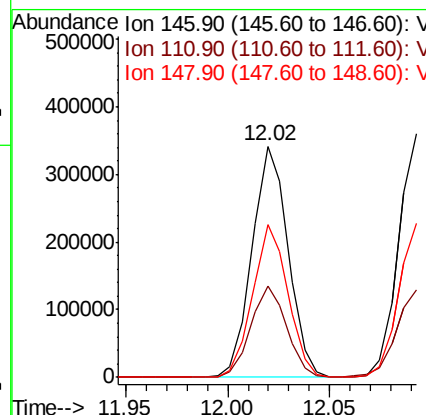
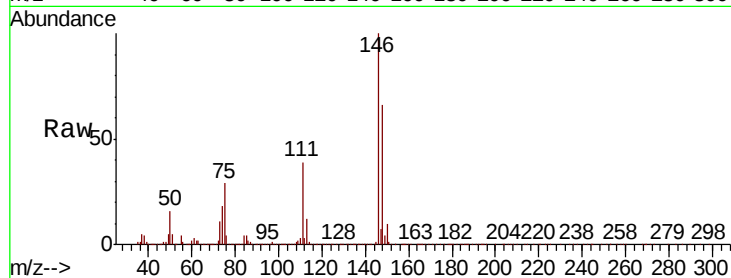
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	64.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 46.741 ug/l

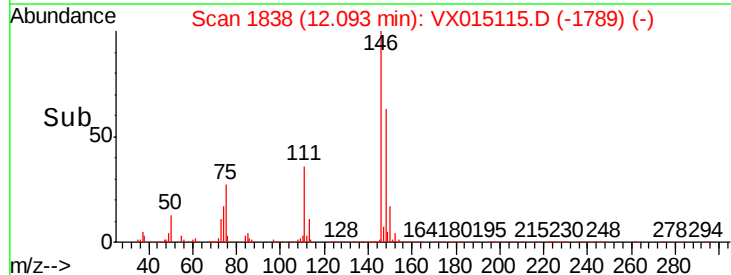
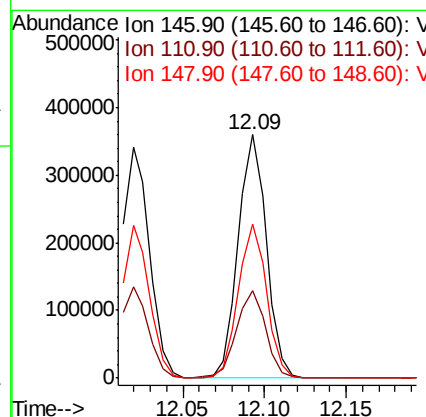
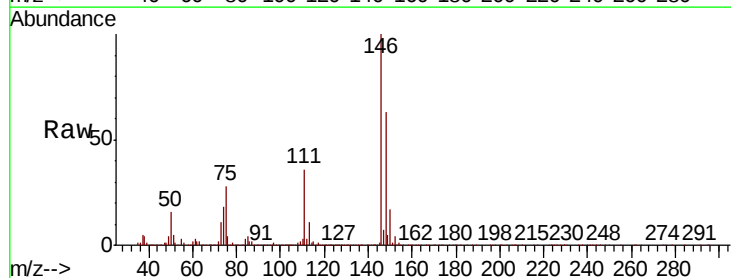
RT: 12.09 min Scan# 1838

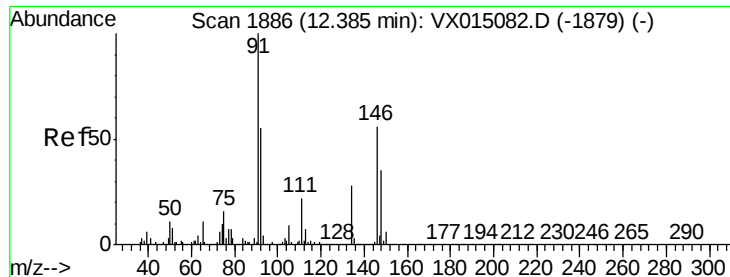
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.2	32.5	97.4





#89

n-Butylbenzene

Concen: 50.098 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

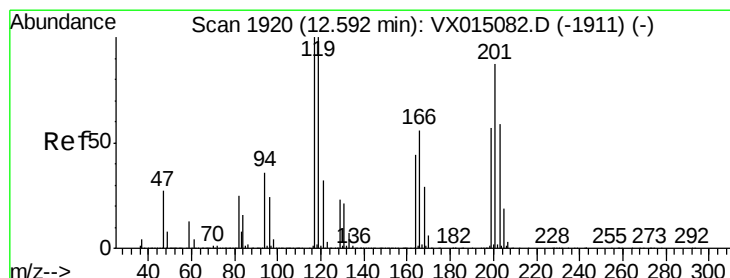
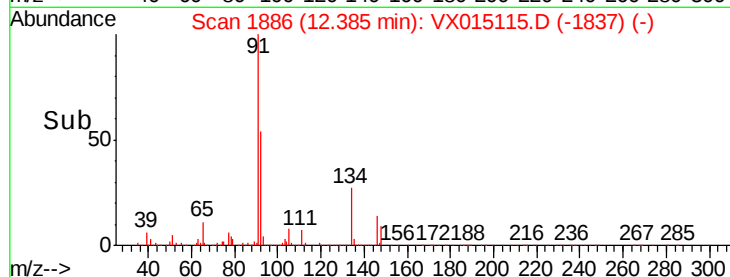
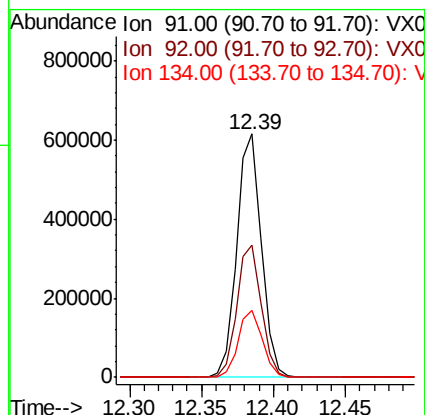
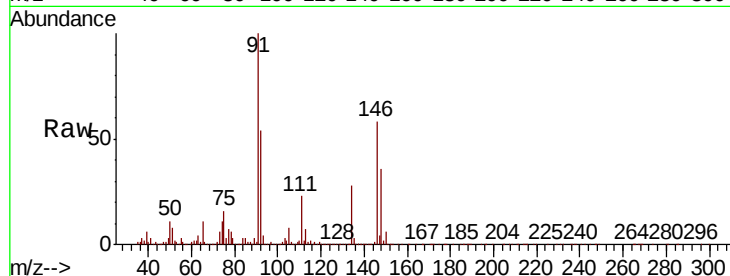
Tot Ion: 91 Resp: 731708

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 45.993 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015115.D

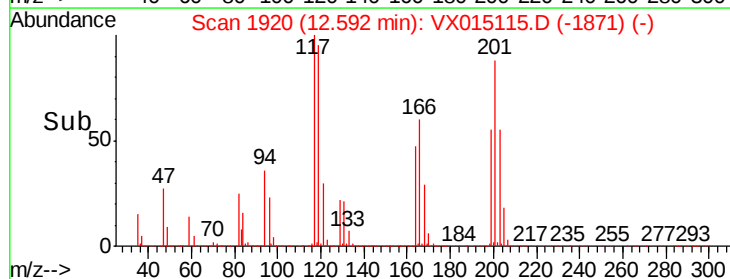
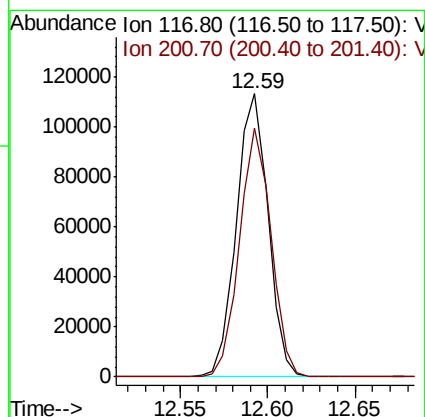
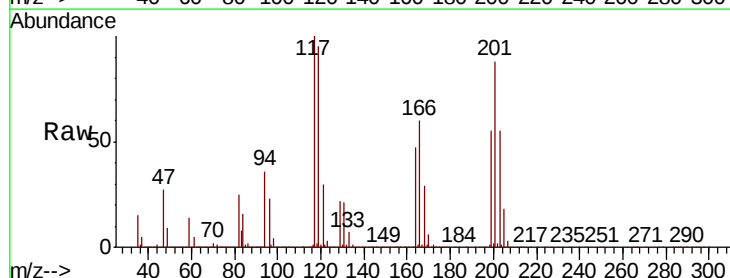
Acq: 05 Mar 2020 17:49

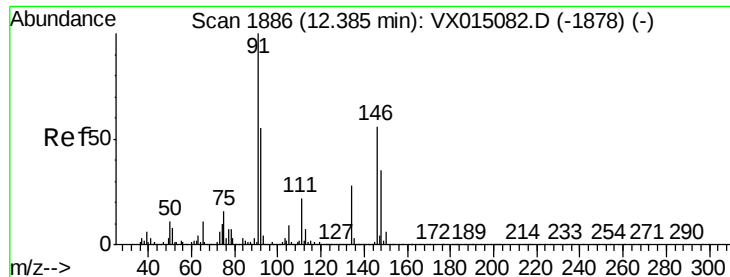
Tgt Ion: 117 Resp: 142790

Ion Ratio Lower Upper

117 100

201 87.7 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 47.400 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

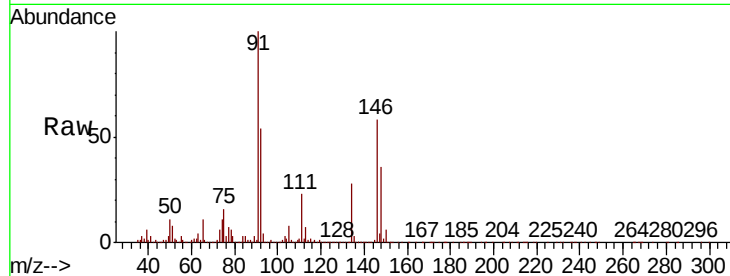
Tot Ion:146 Resp: 423509

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

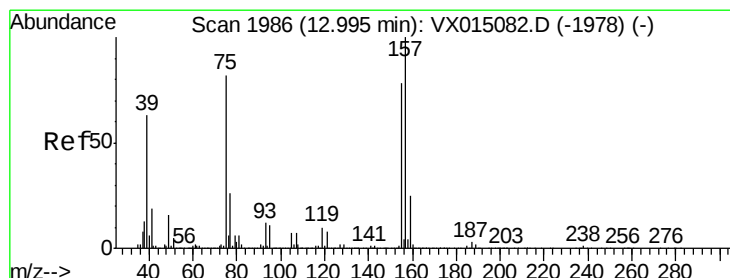
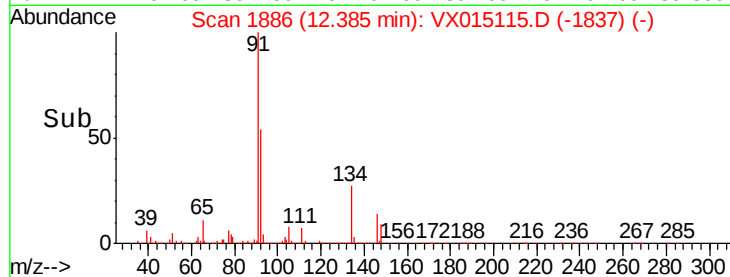
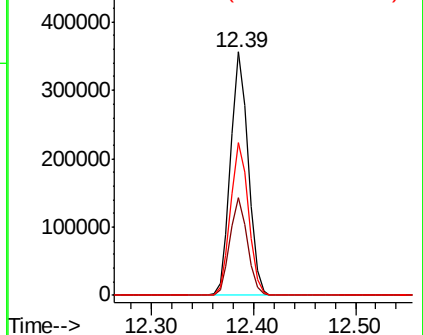
148 63.6 32.3 96.8



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: 48.280 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

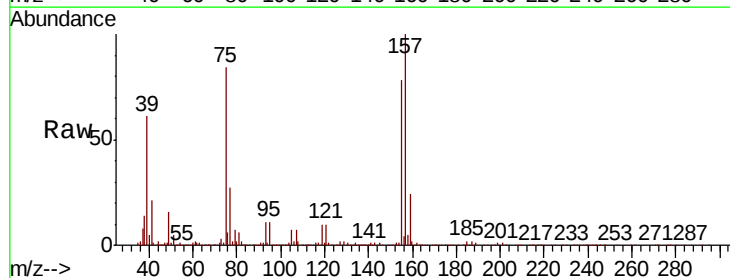
Tgt Ion: 75 Resp: 59102

Ion Ratio Lower Upper

75 100

155 94.9 46.6 139.7

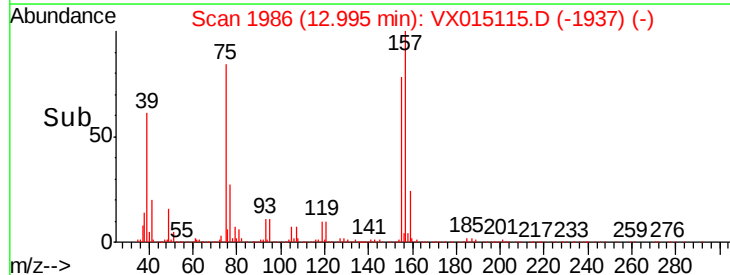
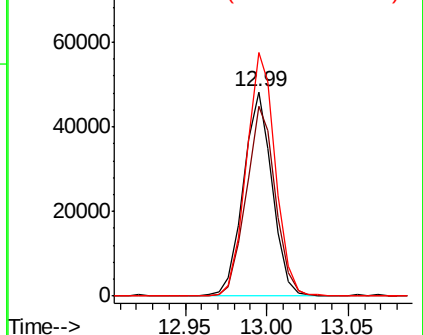
157 121.1 59.2 177.5

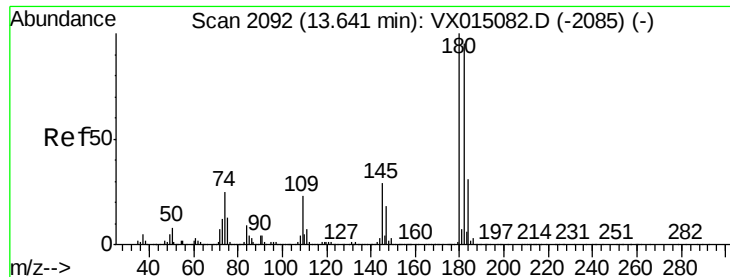


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

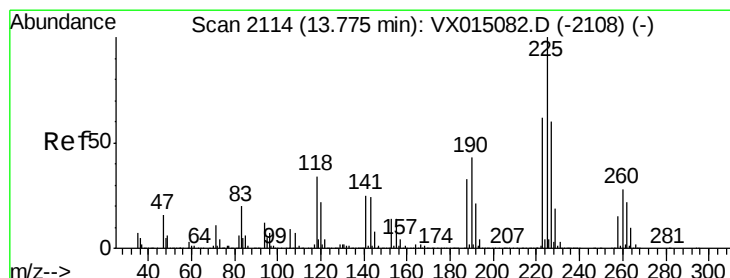
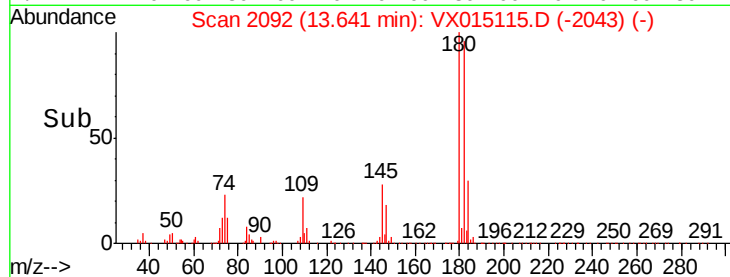
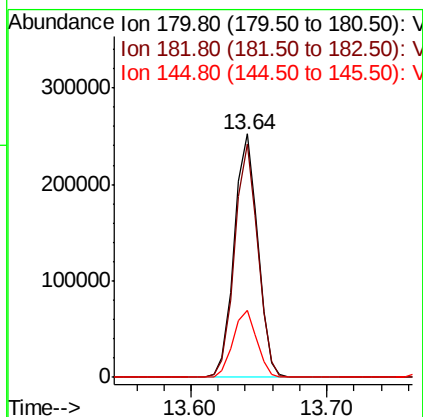
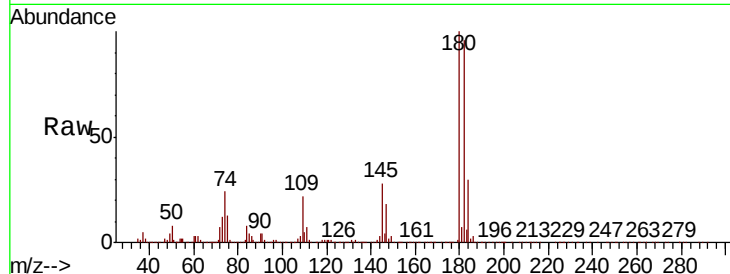




#93
 1,2,4-Trichlorobenzene
 Concen: 49.091 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

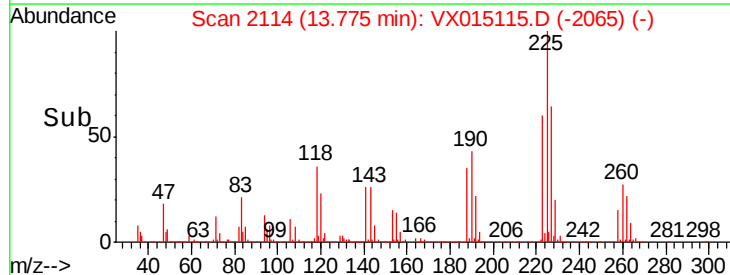
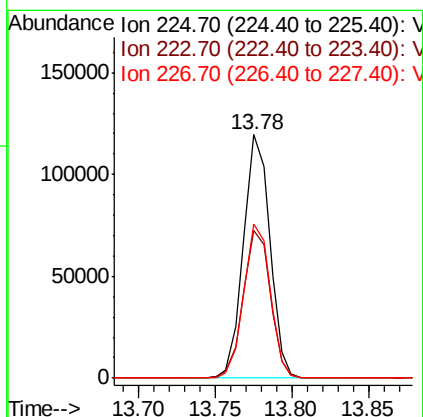
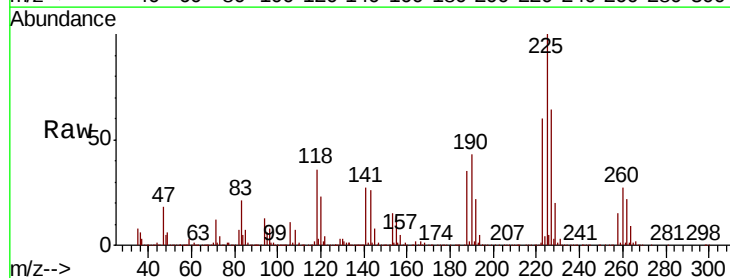
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

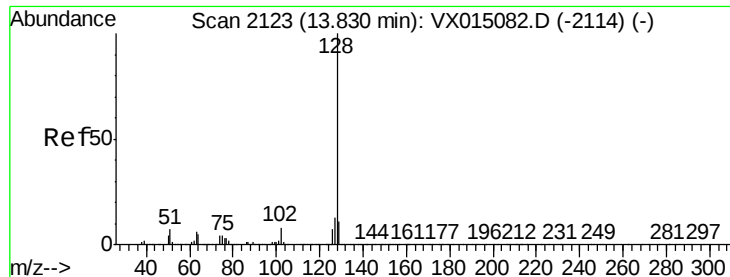
Tot Ion:180 Resp: 304462
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.6 142.8
 145 27.8 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 45.199 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion:225 Resp: 143848
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 63.5 31.1 93.2

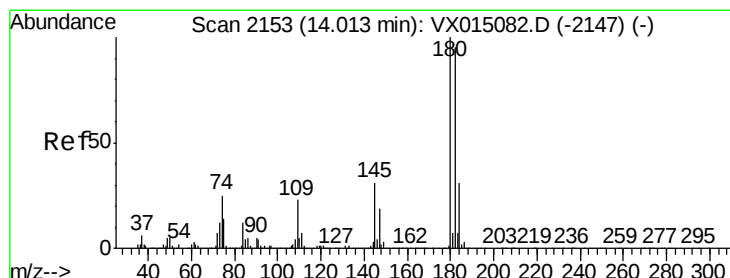
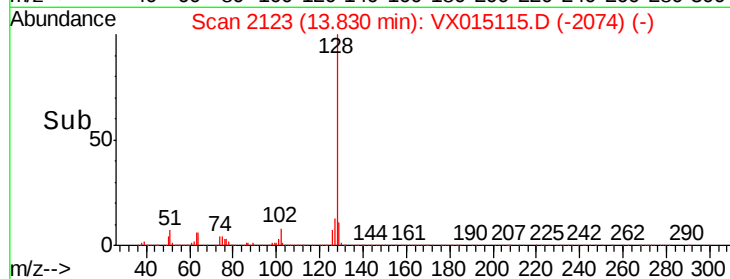
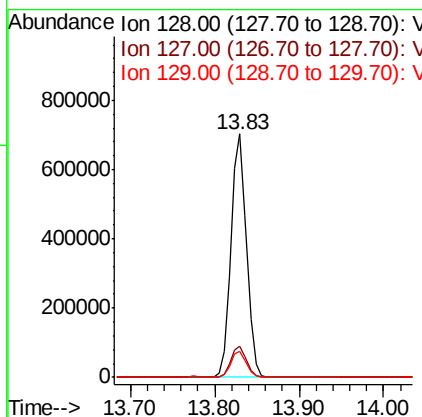
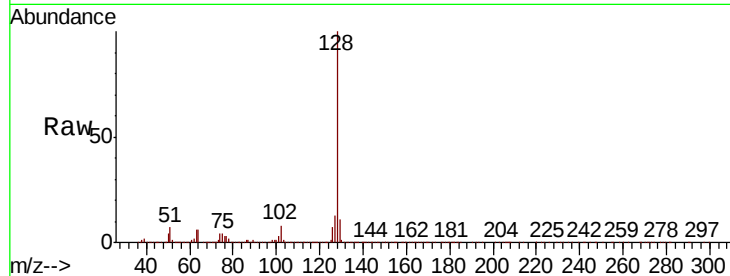




#95
Naphthalene
Concen: 45.792 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 868049
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.934 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:180 Resp: 302802
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 29.5 15.1 45.3

