

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015183.D
 Acq On : 10 Mar 2020 19:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 07:33:18 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	324245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	518188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	493816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203829	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.49	113	166321	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	637993	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	230947	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	141469	49.825	ug/l	97
3) Chloromethane	1.31	50	196153	48.770	ug/l	98
4) Vinyl Chloride	1.40	62	207115	50.785	ug/l	98
5) Bromomethane	1.63	94	113740	45.364	ug/l	99
6) Chloroethane	1.72	64	118669	48.507	ug/l	98
7) Trichlorofluoromethane	1.92	101	227839	46.951	ug/l	98
8) Diethyl Ether	2.18	74	105373	47.942	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140658	46.071	ug/l	98
10) Methyl Iodide	2.50	142	146073	42.348	ug/l	99
11) Tert butyl alcohol	3.03	59	174801	261.910	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145758	46.259	ug/l	100
13) Acrolein	2.28	56	143099	228.153	ug/l	99
14) Allyl chloride	2.72	41	275094	50.071	ug/l	93
15) Acrylonitrile	3.13	53	457210	275.077	ug/l	99
16) Acetone	2.43	43	353605	226.981	ug/l	97
17) Carbon Disulfide	2.56	76	386358	44.153	ug/l	100
18) Methyl Acetate	2.76	43	213020	55.922	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	490746	49.840	ug/l	100
20) Methylene Chloride	2.85	84	172429	47.295	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	163214	48.511	ug/l	98
22) Diisopropyl ether	3.84	45	579880	52.976	ug/l	96
23) Vinyl Acetate	3.80	43	2350037	261.178	ug/l	100
24) 1,1-Dichloroethane	3.69	63	303537	49.964	ug/l	99
25) 2-Butanone	4.65	43	640129	280.671	ug/l	99
26) 2,2-Dichloropropane	4.58	77	210669	43.682	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	194644	51.568	ug/l	97
28) Bromochloromethane	5.01	49	150003	54.223	ug/l	96
29) Tetrahydrofuran	5.11	42	438394	298.193	ug/l	97
30) Chloroform	5.20	83	320666	54.155	ug/l	96
31) Cyclohexane	5.58	56	266900	49.254	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	262885	53.558	ug/l	99
36) 1,1-Dichloropropene	5.79	75	233114	48.663	ug/l	99
37) Ethyl Acetate	4.82	43	250471	56.366	ug/l	99
38) Carbon Tetrachloride	5.78	117	223684	49.468	ug/l	99

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Quant Time: Mar 11 07:33:18 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	271861	48.601	ug/l	98
40) Benzene	6.14	78	720137	50.669	ug/l	99
41) Methacrylonitrile	5.03	41	145262	54.424	ug/l	97
42) 1,2-Dichloroethane	6.19	62	256481	52.549	ug/l	98
43) Isopropyl Acetate	6.44	43	416008	53.217	ug/l	99
44) Trichloroethene	7.21	130	202970	51.280	ug/l	98
45) 1,2-Dichloropropane	7.51	63	189511	51.515	ug/l	97
46) Dibromomethane	7.65	93	125703	52.441	ug/l	97
47) Bromodichloromethane	7.89	83	249213	52.575	ug/l	98
48) Methyl methacrylate	7.76	41	211147	53.070	ug/l	98
49) 1,4-Dioxane	7.73	88	91947	1068.860	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1329226	287.588	ug/l	100
52) Toluene	8.78	92	459394	52.864	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	262477	52.023	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	298283	52.295	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	189481	52.975	ug/l	99
56) Ethyl methacrylate	9.17	69	289697	56.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	315555	52.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	745501	268.228	ug/l	100
59) 2-Hexanone	9.48	43	1004678	293.273	ug/l	100
60) Dibromochloromethane	9.58	129	200964	53.487	ug/l	98
61) 1,2-Dibromoethane	9.67	107	194225	51.698	ug/l	100
64) Tetrachloroethene	9.33	164	202283	49.544	ug/l	98
65) Chlorobenzene	10.14	112	494943	49.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	185768	49.693	ug/l	99
67) Ethyl Benzene	10.25	91	869760	51.663	ug/l	100
68) m/p-Xylenes	10.36	106	668123	104.310	ug/l	99
69) o-Xylene	10.70	106	321394	52.408	ug/l	99
70) Styrene	10.71	104	557907	53.059	ug/l	99
71) Bromoform	10.85	173	149117	51.438	ug/l	99
73) Isopropylbenzene	11.01	105	848897	49.801	ug/l	100
74) N-amyl acetate	10.89	43	360356	50.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	278895	49.095	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	318849	59.905	ug/l	78
77) Bromobenzene	11.25	156	223983	47.150	ug/l	98
78) n-propylbenzene	11.35	91	977667	50.203	ug/l	100
79) 2-Chlorotoluene	11.42	91	577908	49.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	710147	50.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88454	47.164	ug/l	97
82) 4-Chlorotoluene	11.51	91	670814	48.822	ug/l	100
83) tert-Butylbenzene	11.76	119	692290	50.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	726845	50.988	ug/l	99
85) sec-Butylbenzene	11.94	105	833706	50.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	769335	50.415	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	399437	47.831	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	403727	46.826	ug/l	99
89) n-Butylbenzene	12.39	91	675441	49.766	ug/l	99
90) Hexachloroethane	12.59	117	135104	46.830	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403202	48.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	58424	51.360	ug/l	97

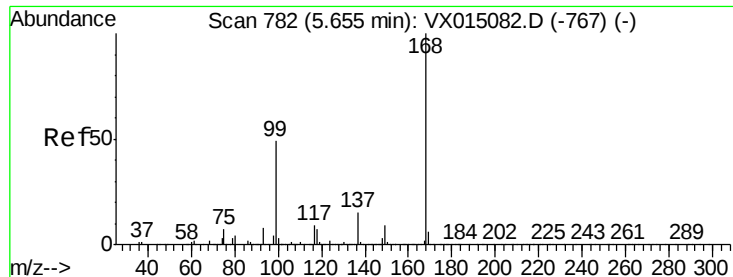
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	278908	48.394	ug/l	100
94) Hexachlorobutadiene	13.78	225	134860	45.601	ug/l	99
95) Naphthalene	13.83	128	838245	47.531	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	279440	48.597	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: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

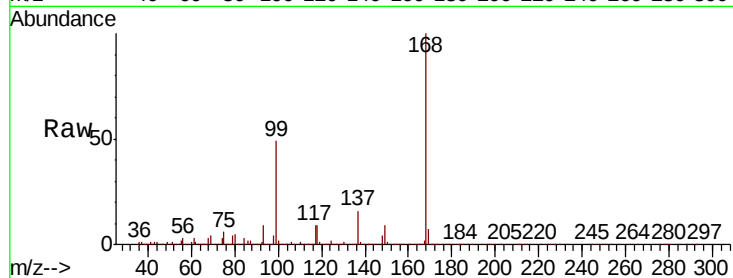
VSTDCCC050EC

Tot Ion:168 Resp: 324245

Ion Ratio Lower Upper

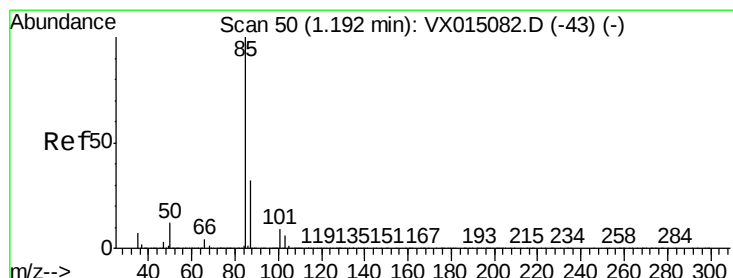
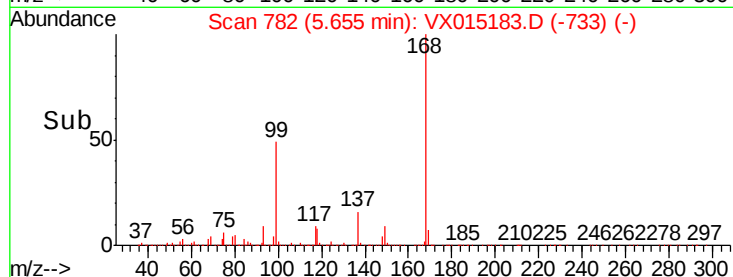
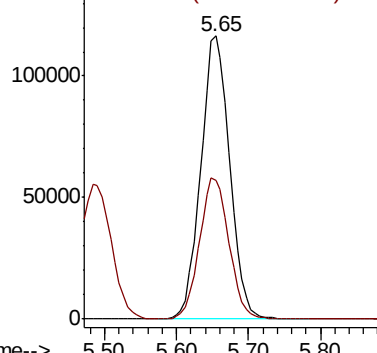
168 100

99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.825 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015183.D

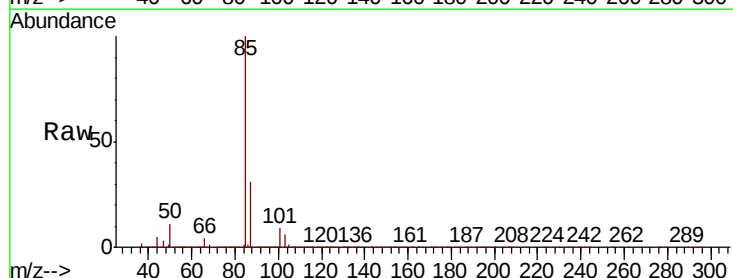
Acq: 10 Mar 2020 19:50

Tgt Ion: 85 Resp: 141469

Ion Ratio Lower Upper

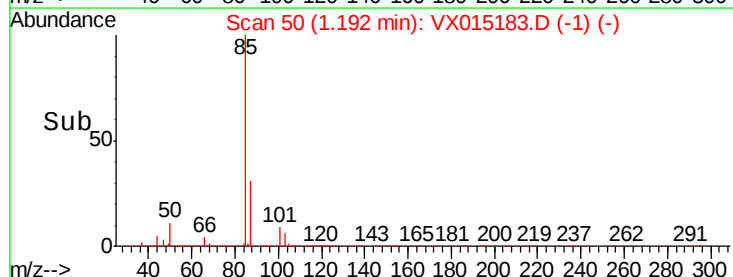
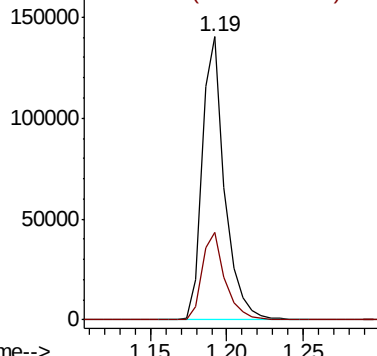
85 100

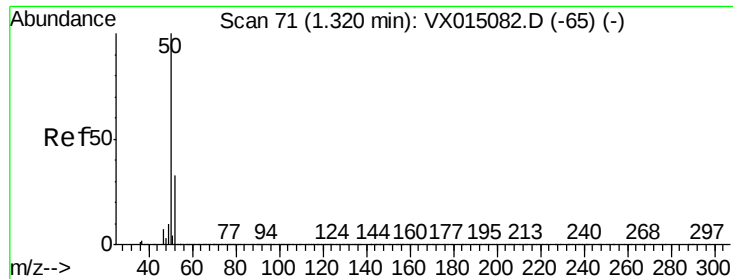
87 30.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

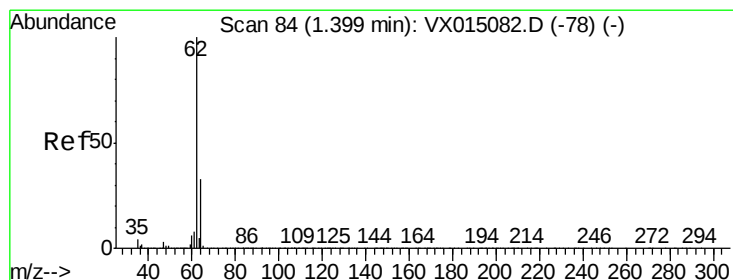
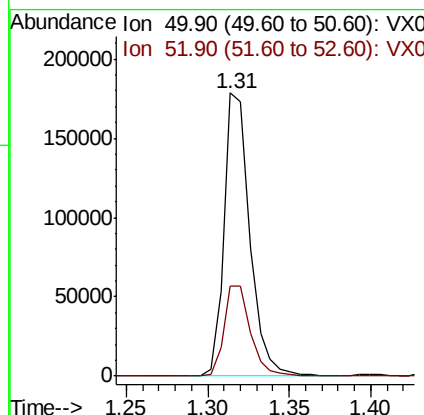
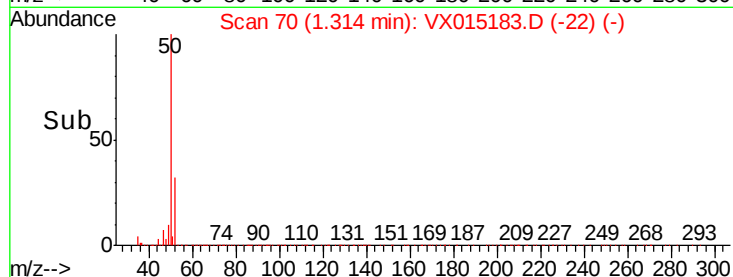
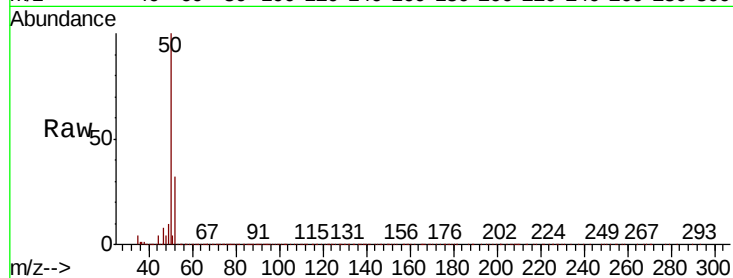




#3
Chloromethane
Concen: 48.770 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

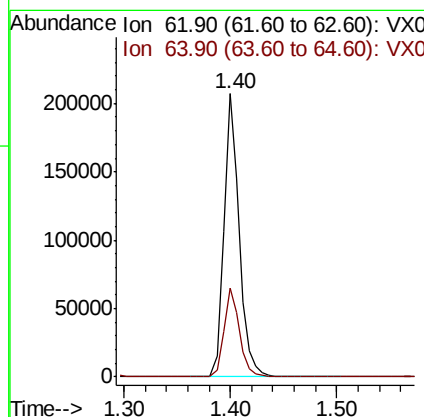
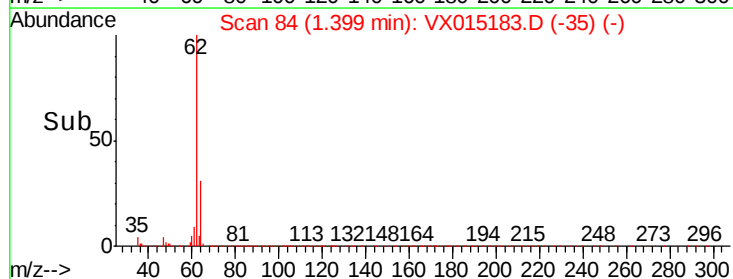
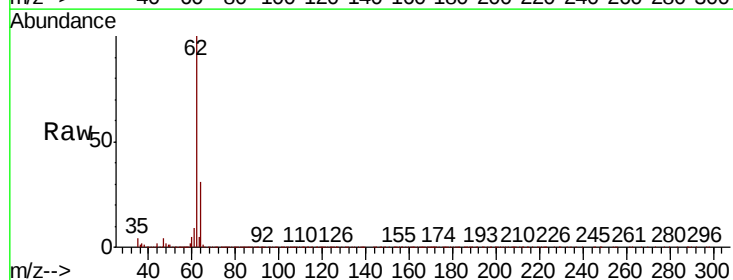
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 196153
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 50.785 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 62 Resp: 207115
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1





#5

Bromomethane

Concen: 45.364 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

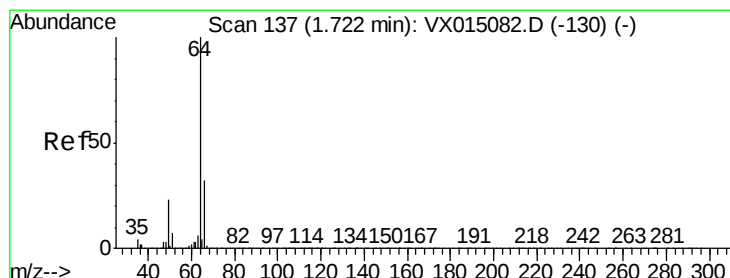
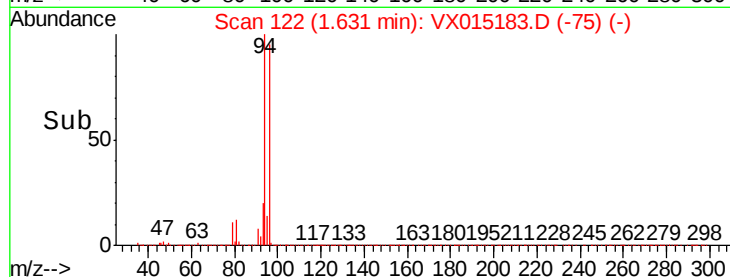
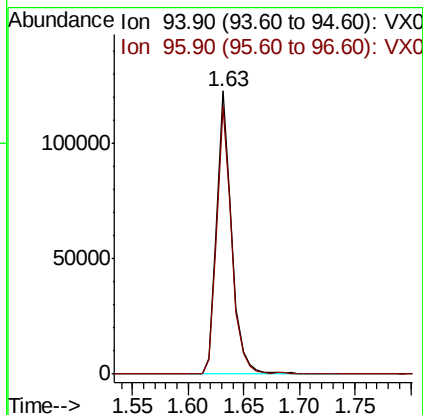
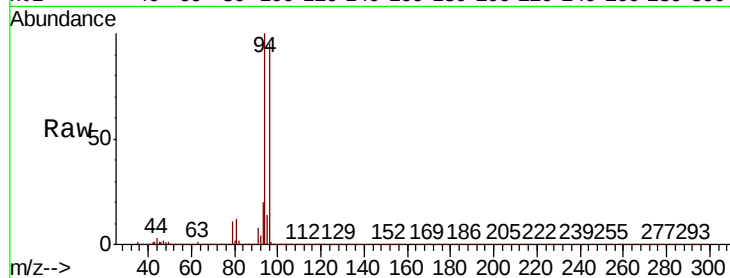
VSTDCCC050EC

Tot Ion: 94 Resp: 113740

Ion Ratio Lower Upper

94 100

96 94.4 74.6 111.8



#6

Chloroethane

Concen: 48.507 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015183.D

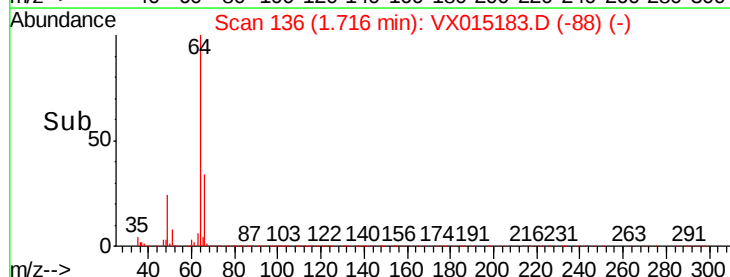
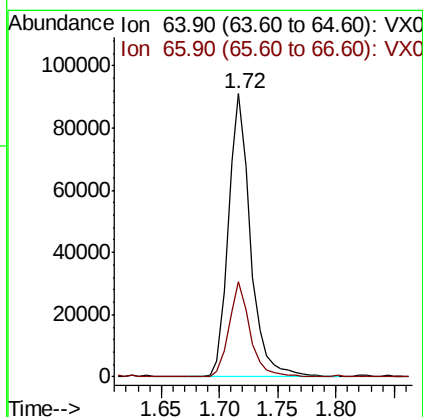
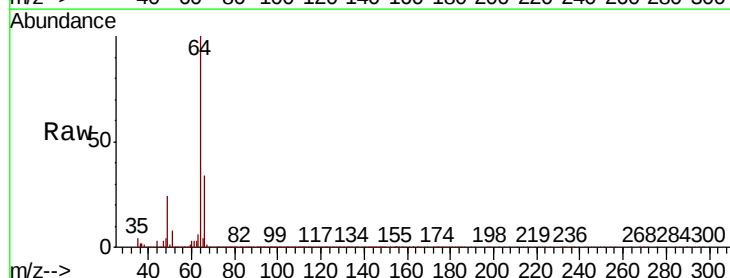
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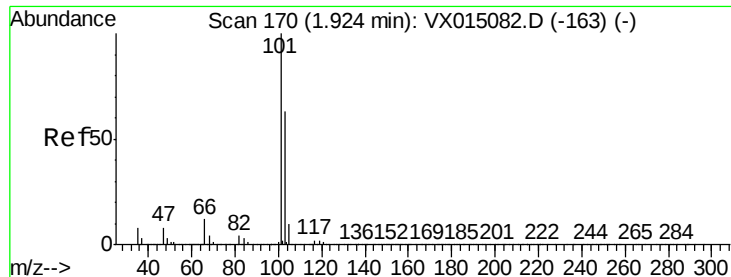
Tgt Ion: 64 Resp: 118669

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.8



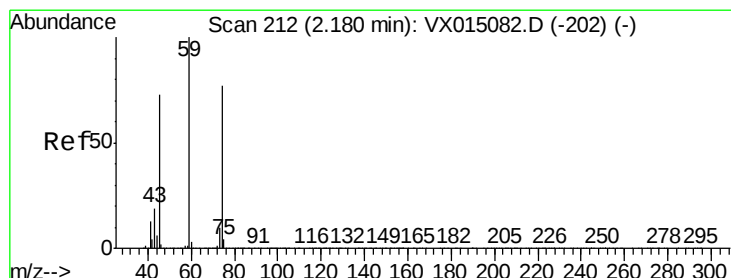
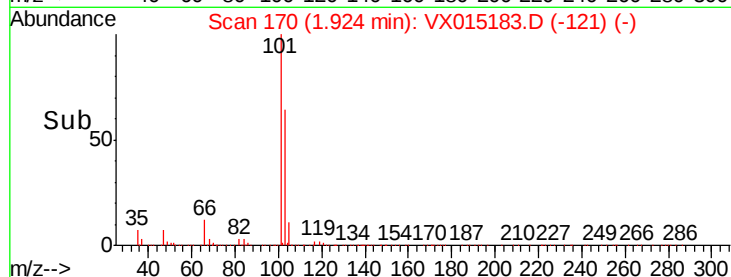
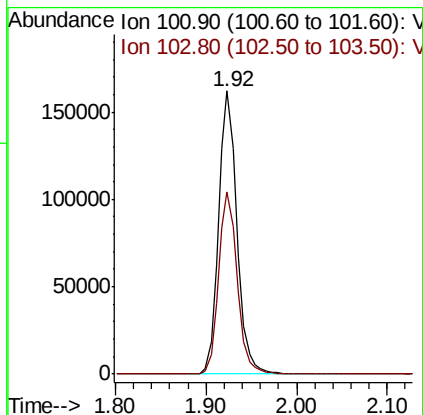
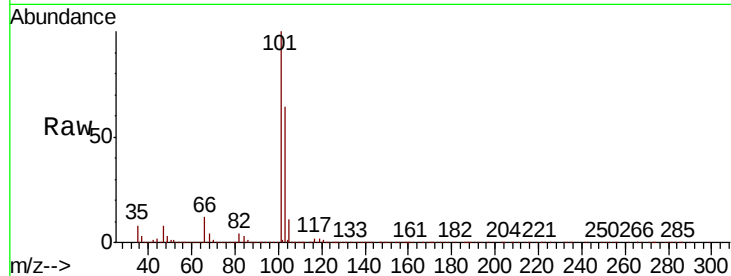


#7

Trichlorofluoromethane
 Concen: 46.951 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

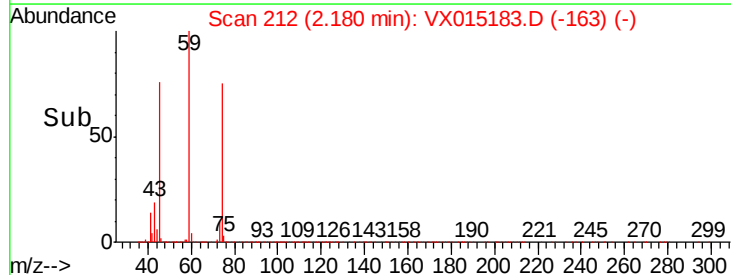
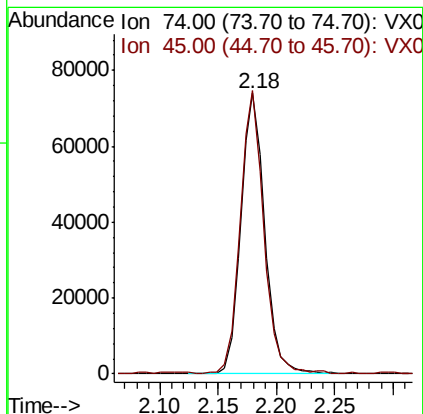
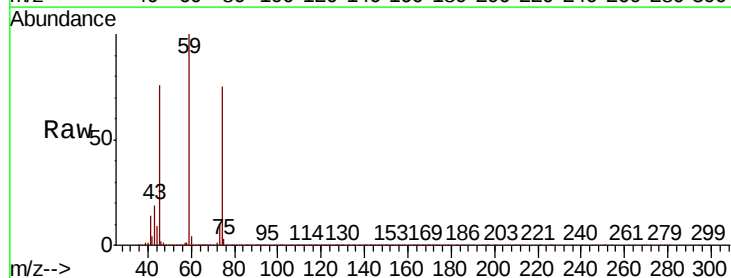
Tot Ion:101 Resp: 227839
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.4 75.6

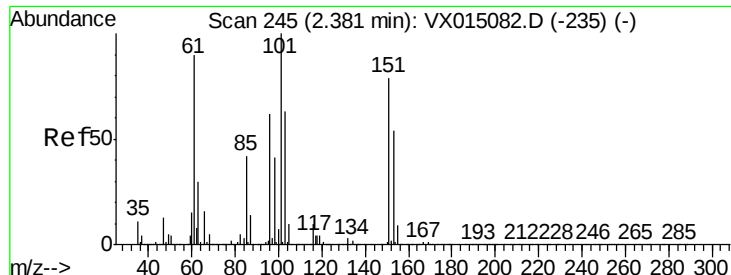


#8

Diethyl Ether
 Concen: 47.942 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion: 74 Resp: 105373
 Ion Ratio Lower Upper
 74 100
 45 98.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.071 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

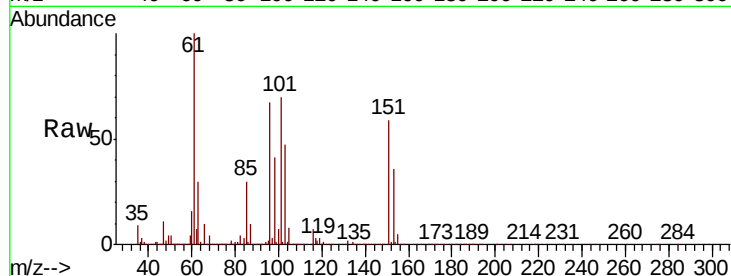
Tot Ion:101 Resp: 140658

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

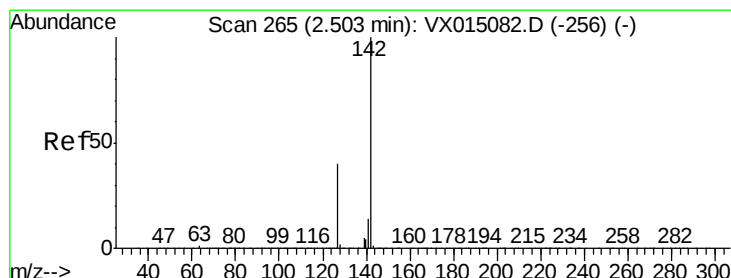
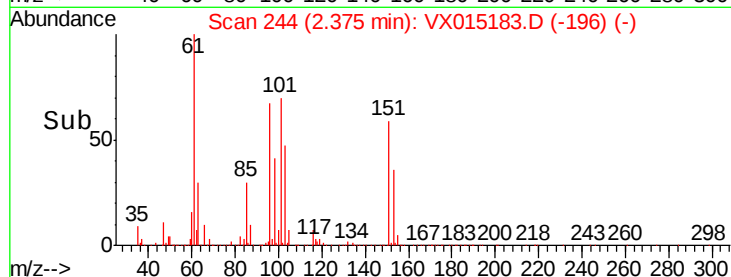
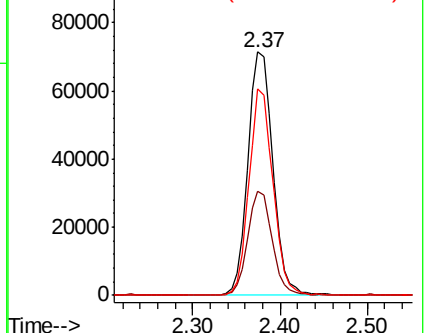
151 82.0 64.0 96.0



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: 42.348 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

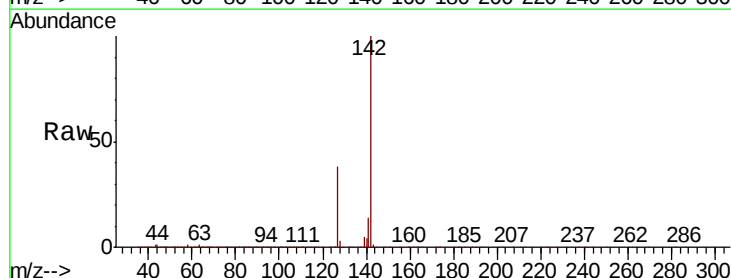
Tgt Ion:142 Resp: 146073

Ion Ratio Lower Upper

142 100

127 38.4 31.7 47.5

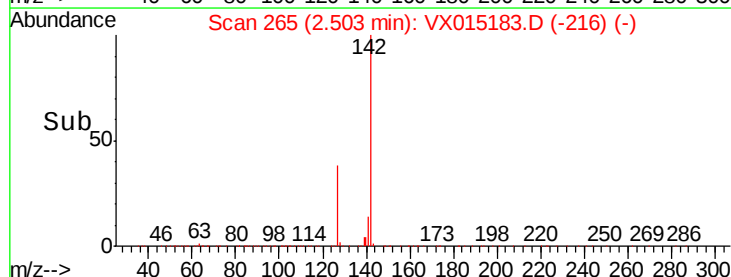
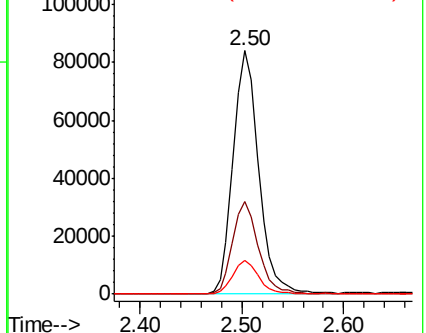
141 14.2 11.3 16.9

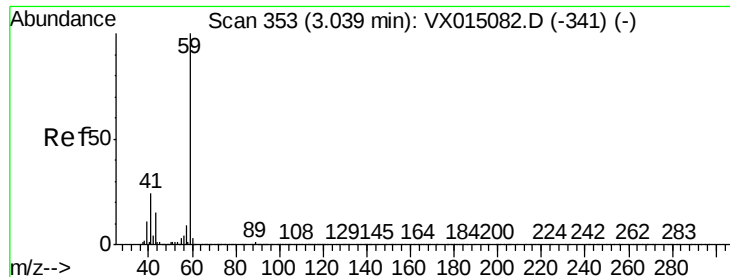


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



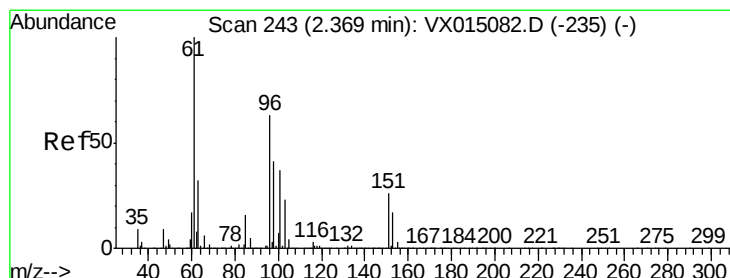
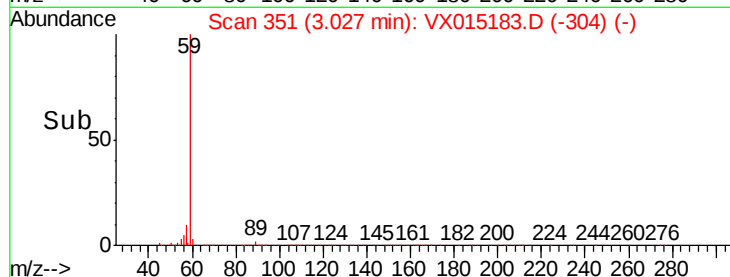
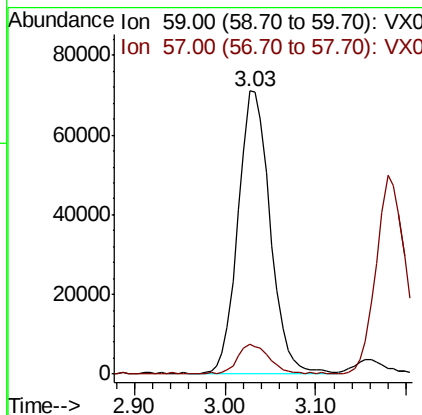
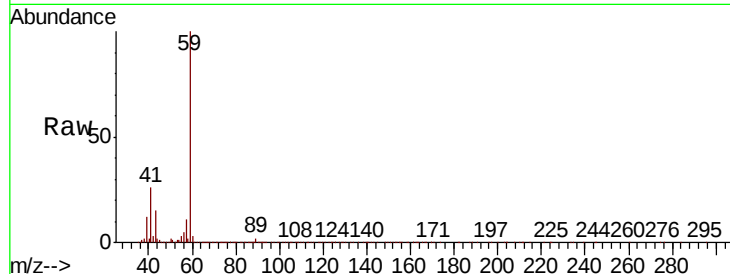


#11

Tert butyl alcohol
 Concen: 261.910 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

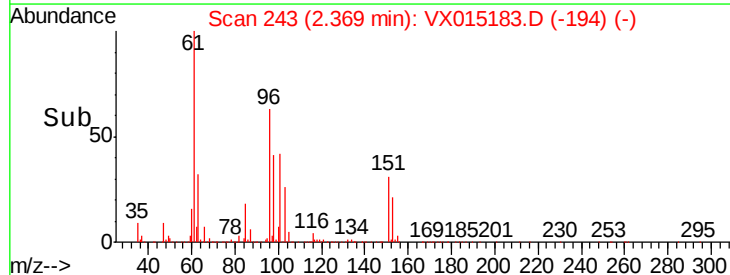
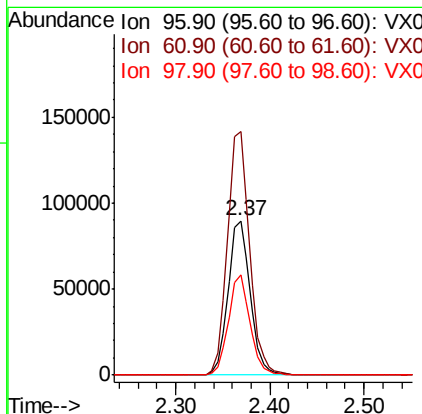
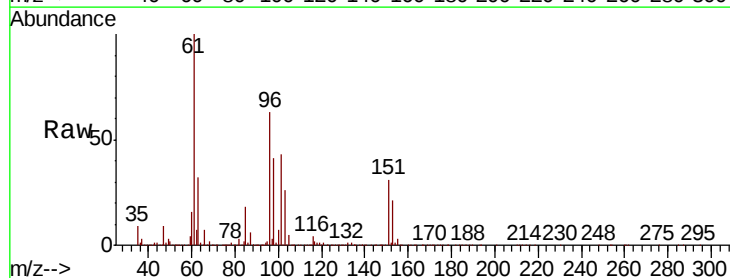
Tot Ion: 59 Resp: 174801
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

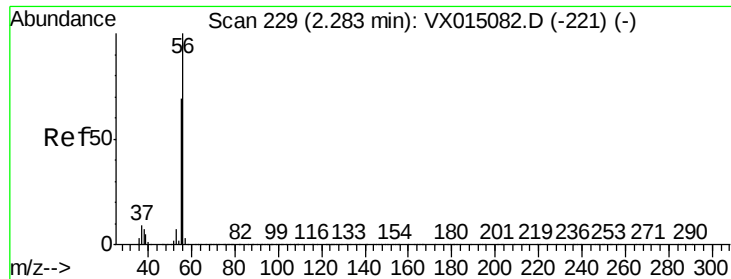


#12

1,1-Dichloroethene
 Concen: 46.259 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion: 96 Resp: 145758
 Ion Ratio Lower Upper
 96 100
 61 158.1 126.2 189.4
 98 64.8 51.4 77.0

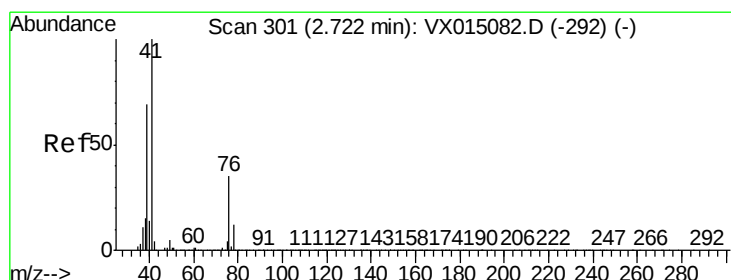
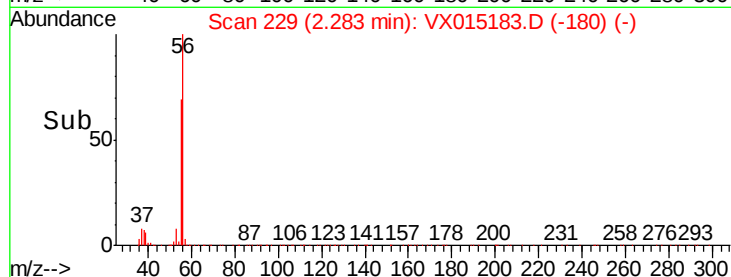
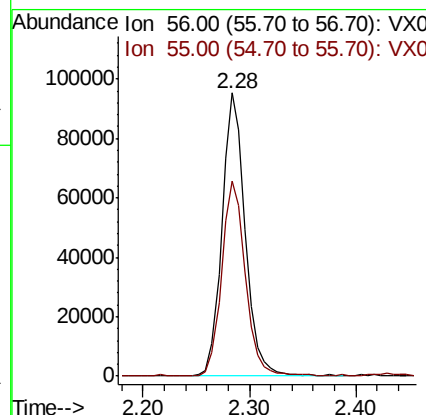
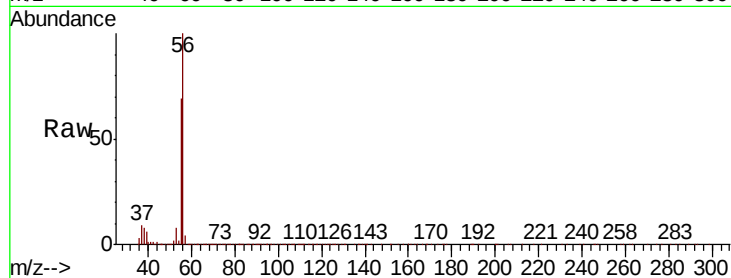




#13
Acrolein
Concen: 228.153 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

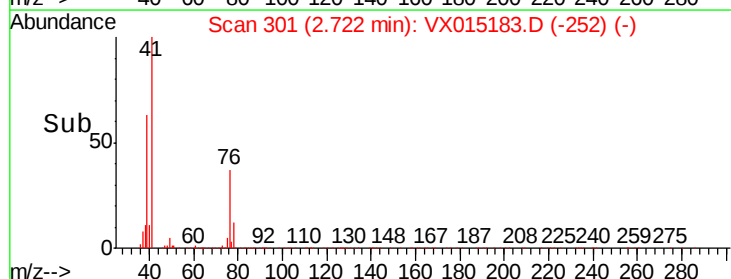
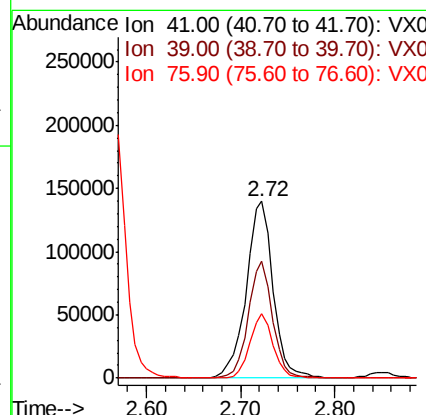
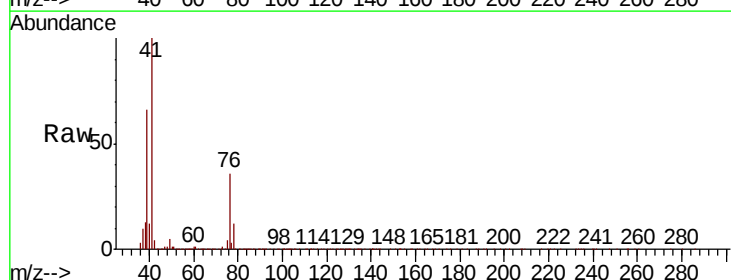
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

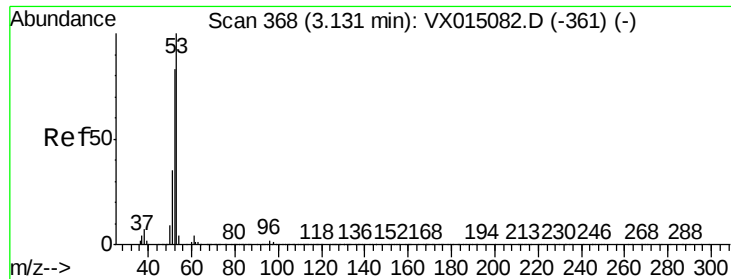
Tot Ion: 56 Resp: 143099
Ion Ratio Lower Upper
56 100
55 70.2 55.4 83.0



#14
Allyl chloride
Concen: 50.071 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 41 Resp: 275094
Ion Ratio Lower Upper
41 100
39 60.0 52.9 79.3
76 31.1 26.8 40.2





#15

Acrylonitrile

Concen: 275.077 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

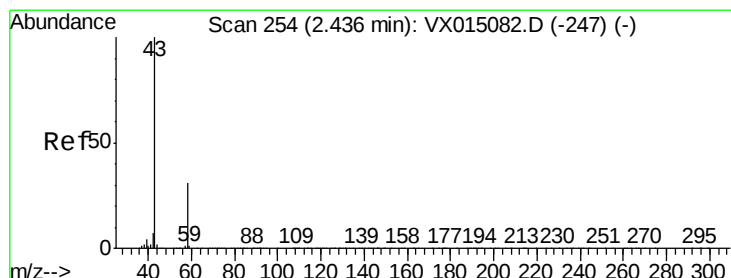
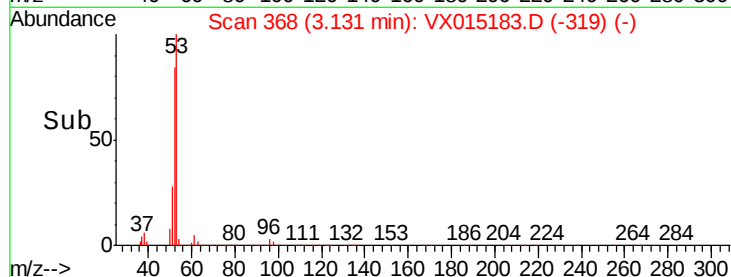
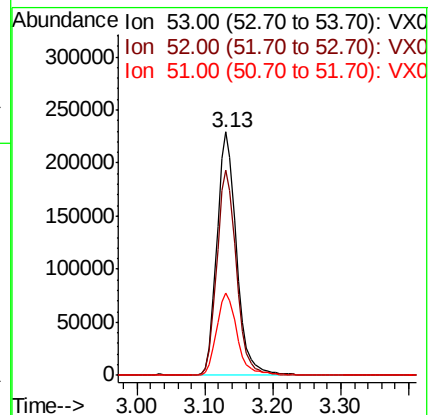
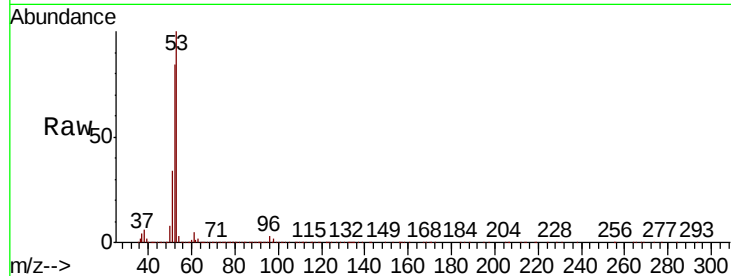
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 457210

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.6	100.0
51	35.0	29.0	43.6



#16

Acetone

Concen: 226.981 ug/l

RT: 2.43 min Scan# 253

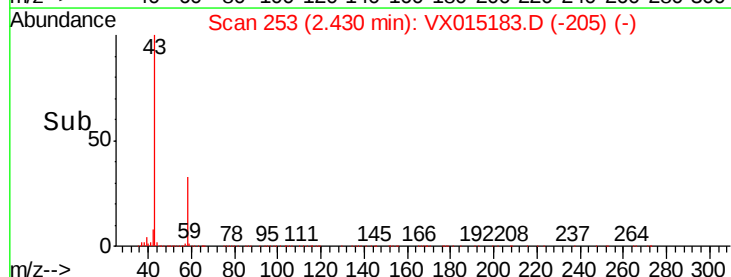
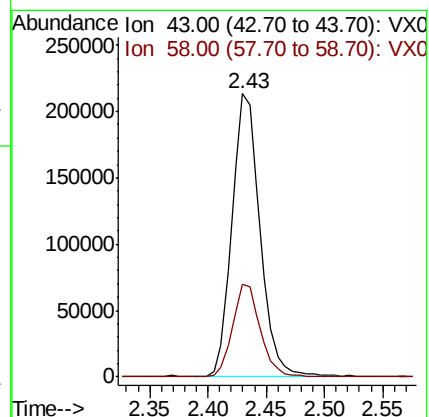
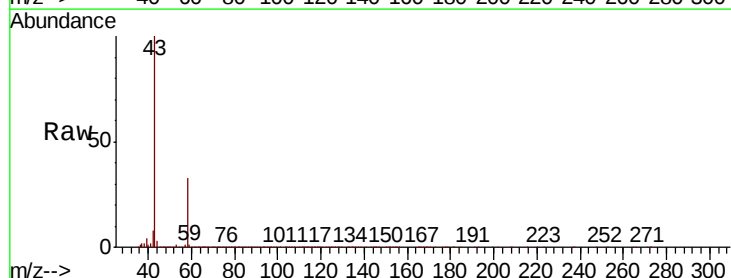
Delta R.T. -0.01 min

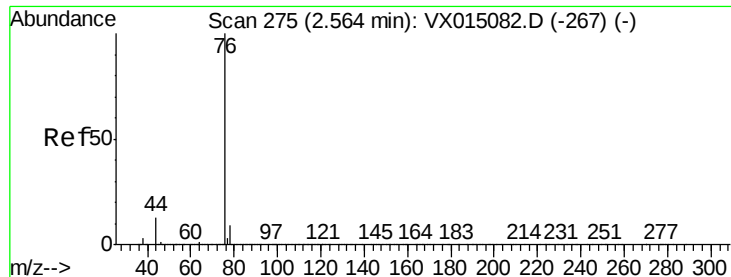
Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion: 43 Resp: 353605

Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.8	37.2





#17

Carbon Disulfide

Concen: 44.153 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

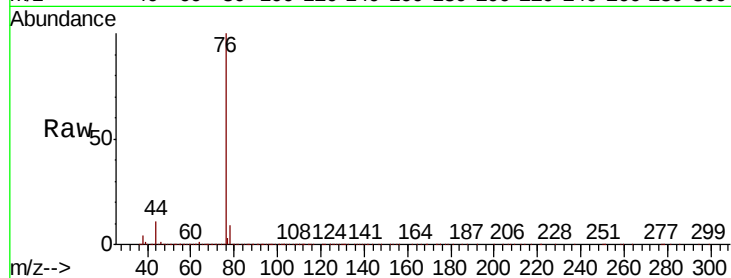
VSTDCCC050EC

Tot Ion: 76 Resp: 386358

Ion Ratio Lower Upper

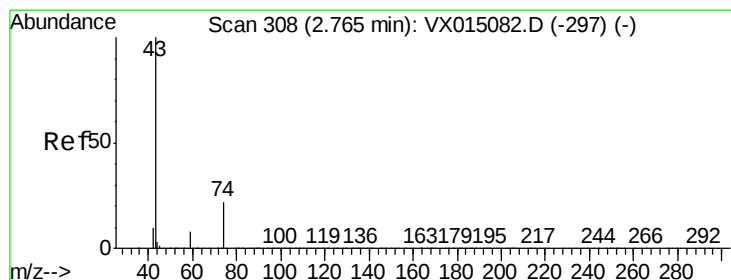
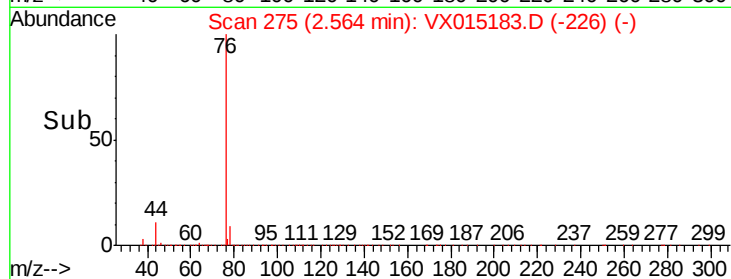
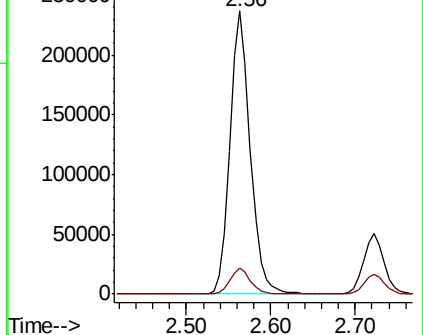
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.922 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015183.D

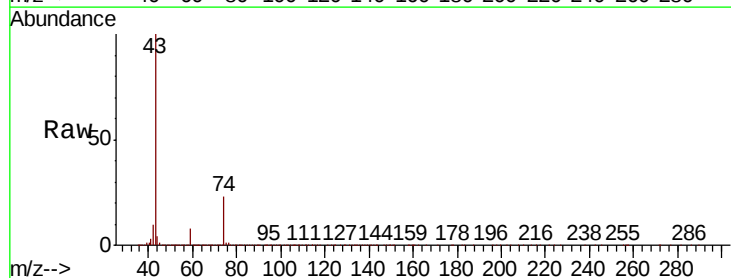
Acq: 10 Mar 2020 19:50

Tgt Ion: 43 Resp: 213020

Ion Ratio Lower Upper

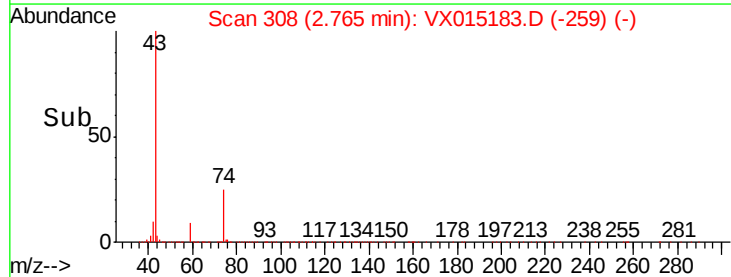
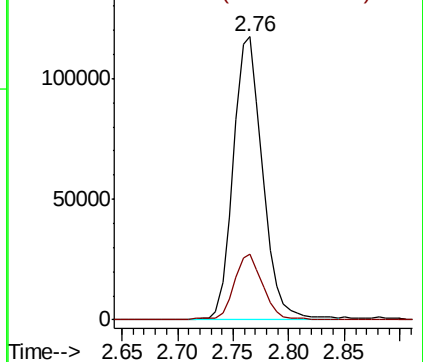
43 100

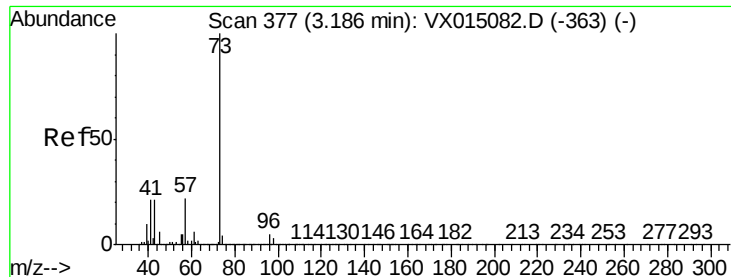
74 23.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

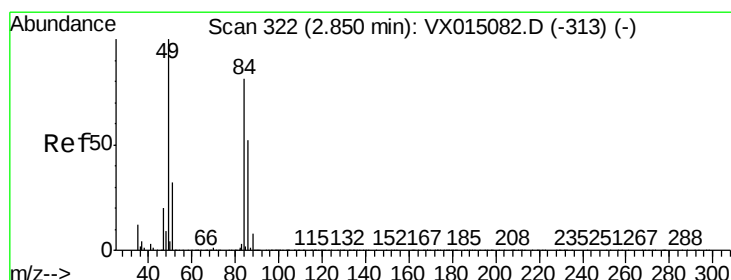
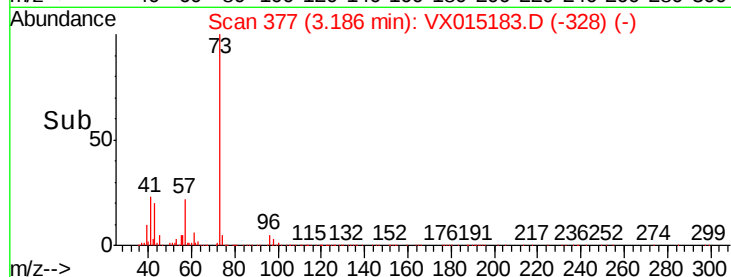
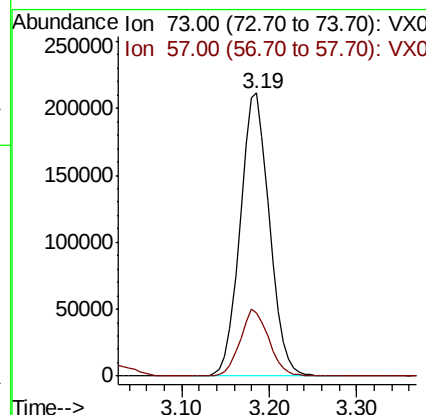
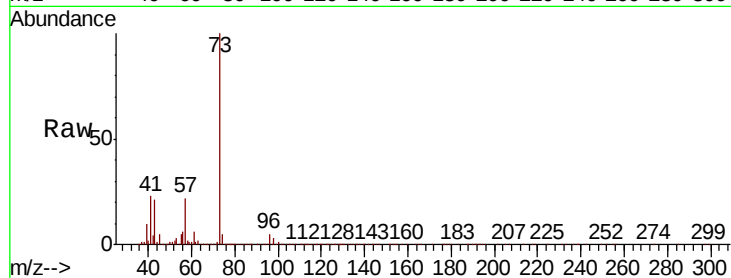




#19
Methvl tert-butvl Ether
Concen: 49.840 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

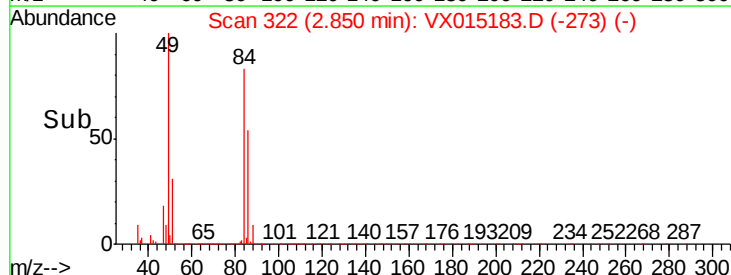
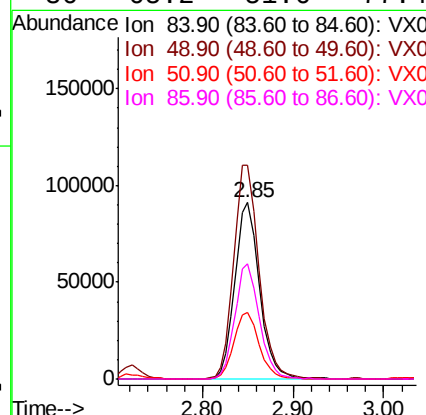
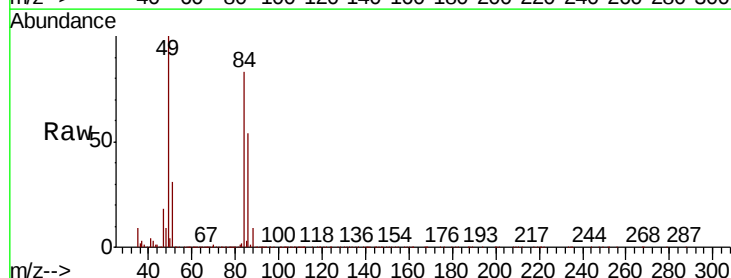
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

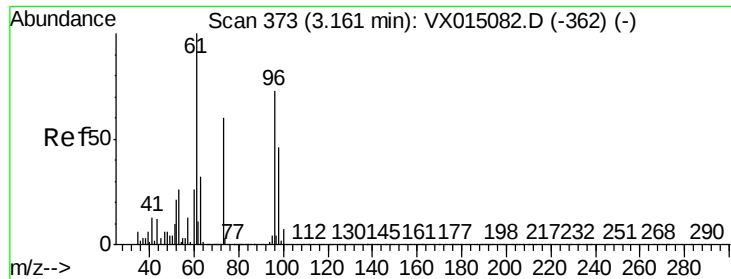
Tot Ion: 73 Resp: 490746
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 47.295 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 84 Resp: 172429
Ion Ratio Lower Upper
84 100
49 120.7 99.4 149.2
51 37.4 31.5 47.3
86 65.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.511 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

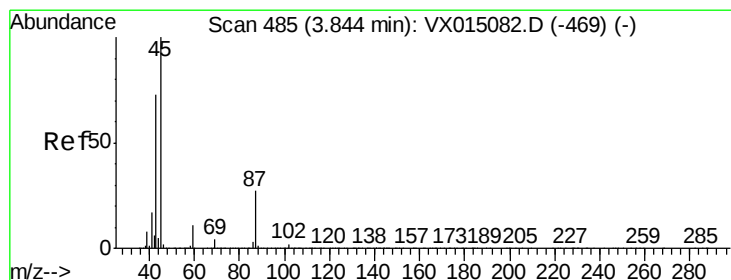
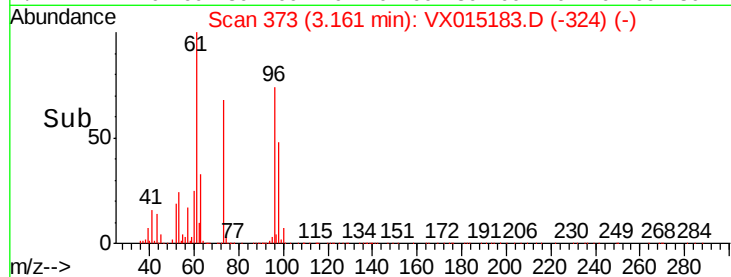
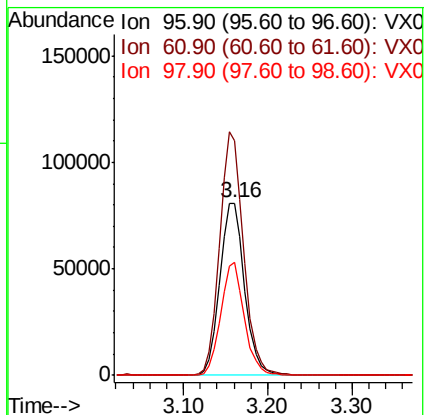
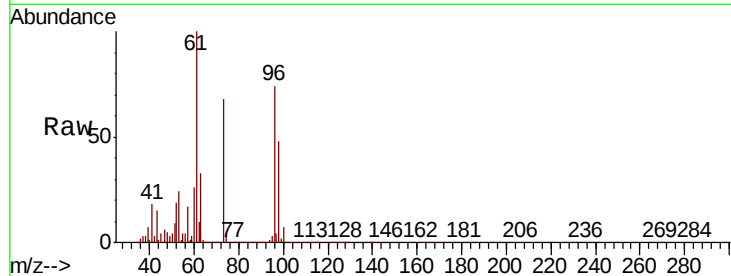
Tot Ion: 96 Resp: 163214

Ion Ratio Lower Upper

96 100

61 135.8 109.9 164.9

98 65.6 50.2 75.2



#22

Diisopropyl ether

Concen: 52.976 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion: 45 Resp: 579880

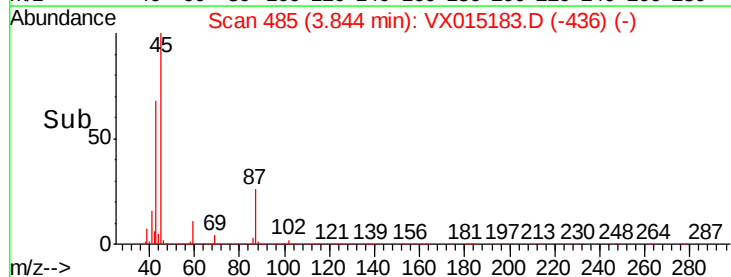
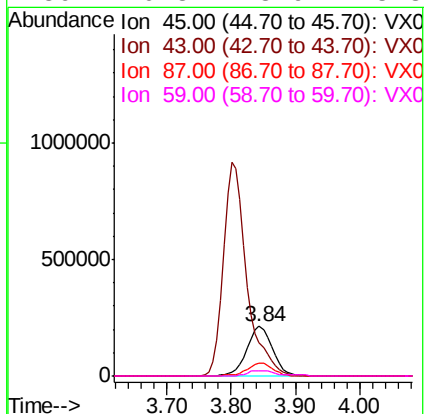
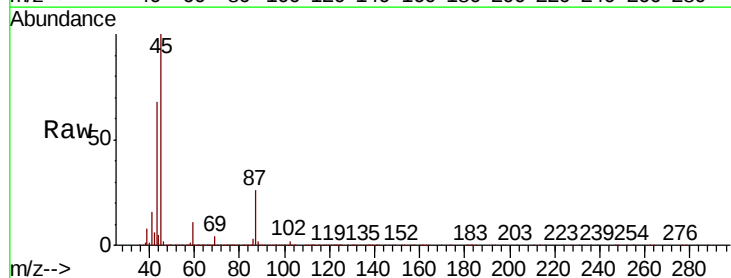
Ion Ratio Lower Upper

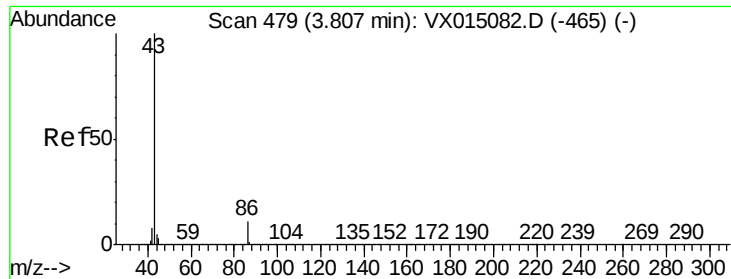
45 100

43 68.4 58.2 87.2

87 25.7 21.2 31.8

59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 261.178 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

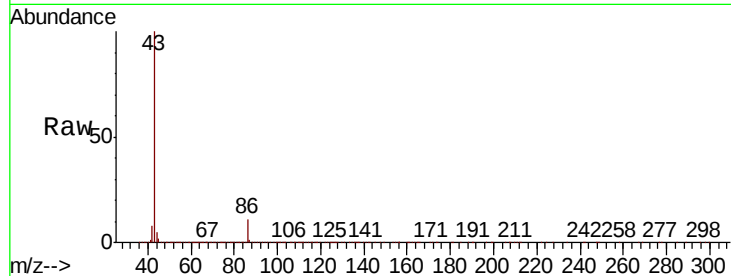
VSTDCCC050EC

Tot Ion: 43 Resp: 2350037

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

800000

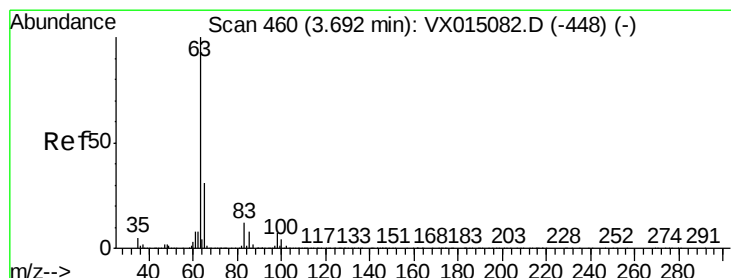
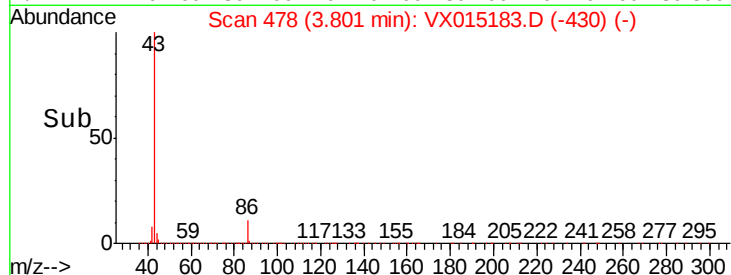
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.964 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

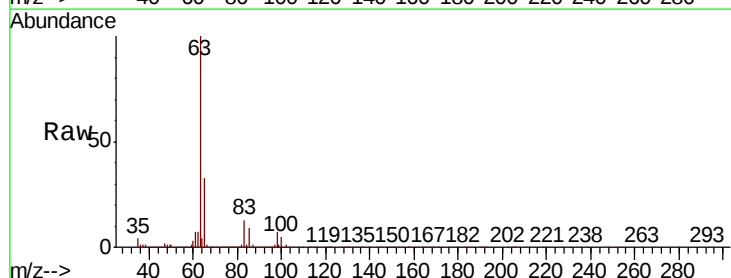
Tgt Ion: 63 Resp: 303537

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.8 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

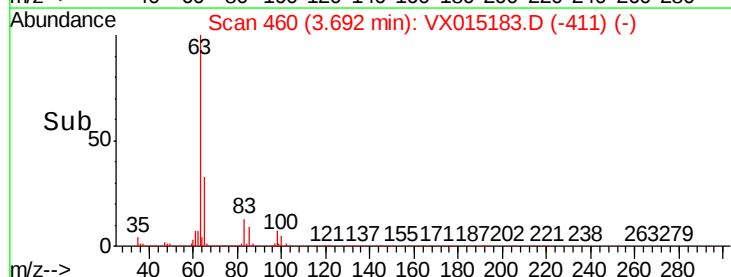
150000

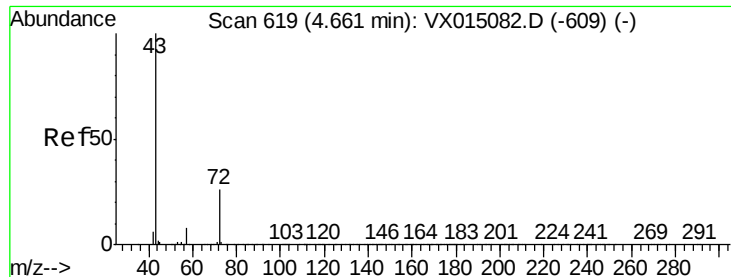
100000

50000

0

Time-->





#25

2-Butanone

Concen: 280.671 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

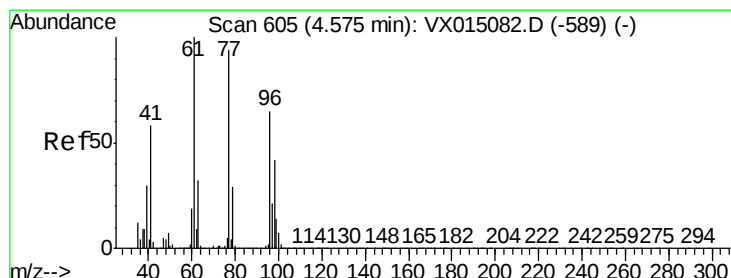
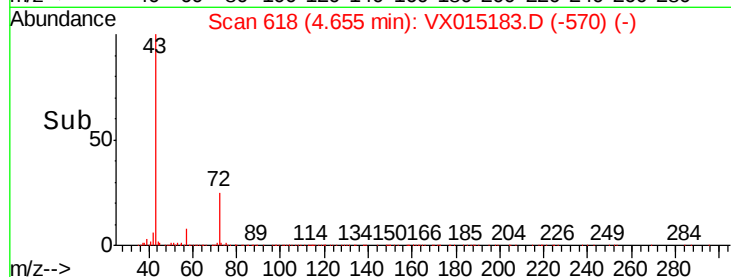
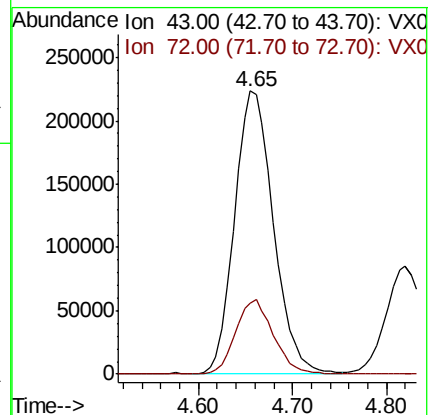
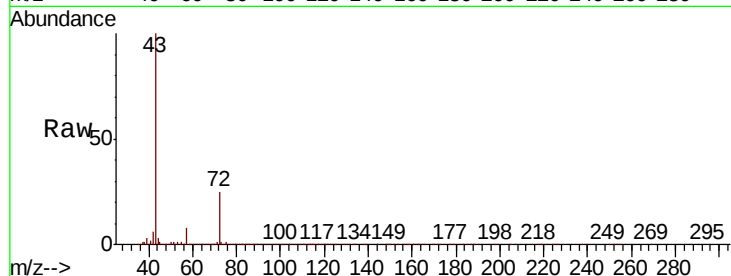
VSTDCCC050EC

Tot Ion: 43 Resp: 640129

Ion Ratio Lower Upper

43 100

72 25.0 20.6 30.8



#26

2,2-Dichloropropane

Concen: 43.682 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015183.D

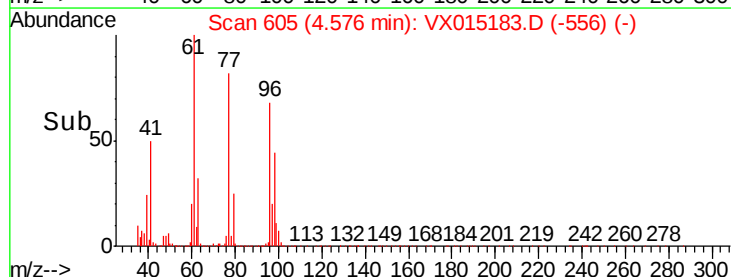
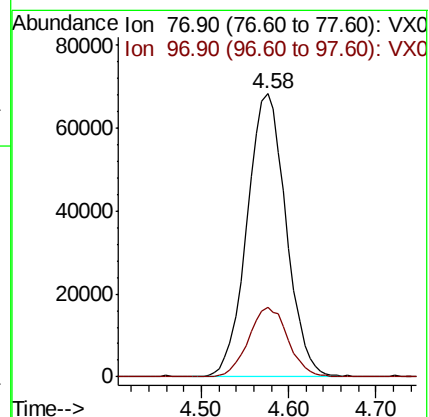
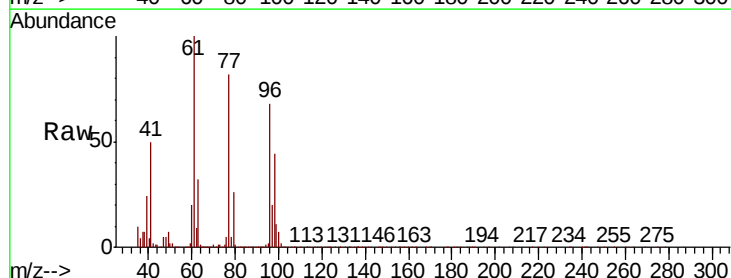
Acq: 10 Mar 2020 19:50

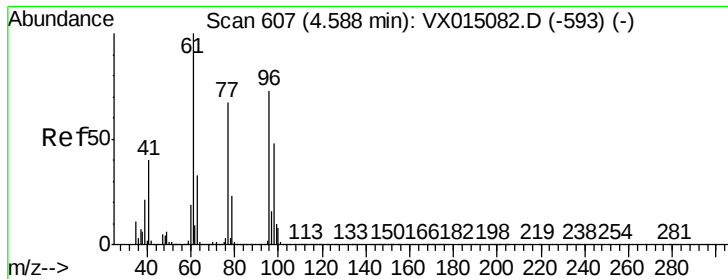
Tgt Ion: 77 Resp: 210669

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4



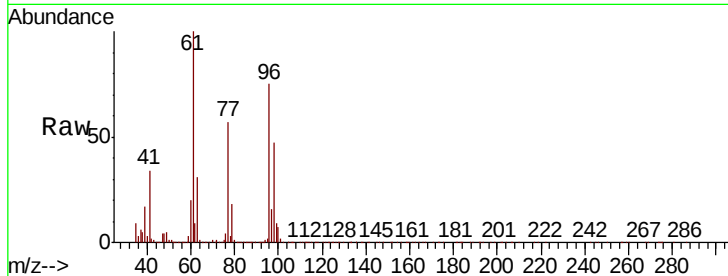


#27

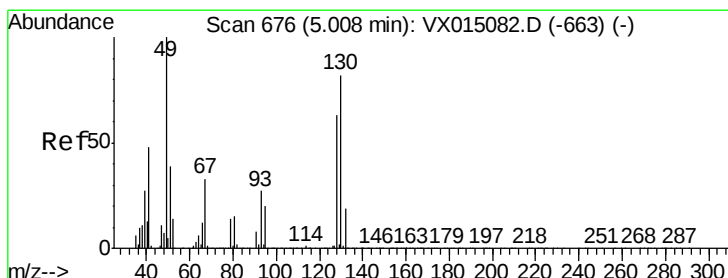
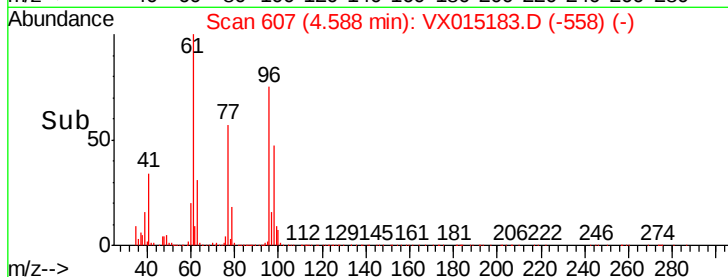
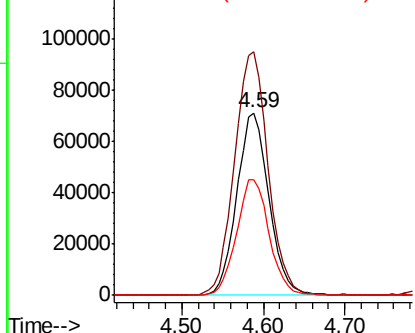
cis-1,2-Dichloroethene
Concen: 51.568 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	286.8
98	64.7	0.0	128.4



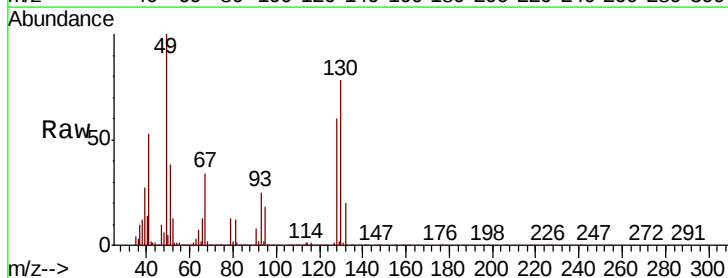
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



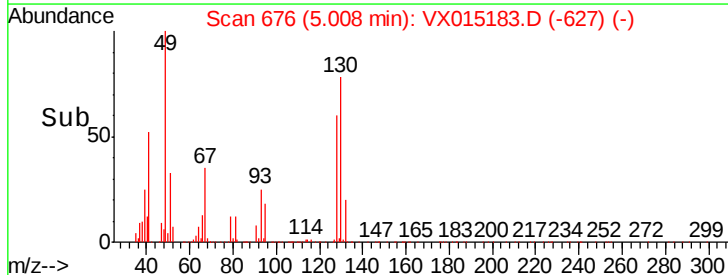
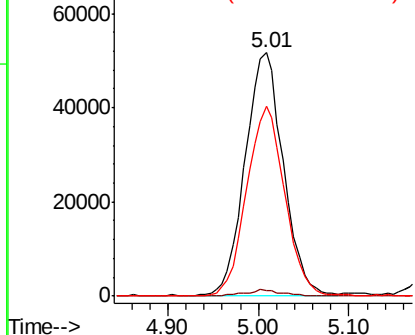
#28

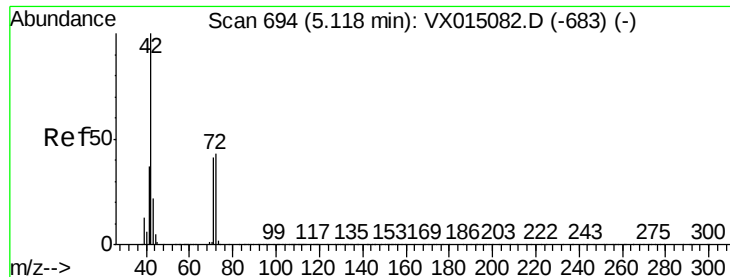
Bromochloromethane
Concen: 54.223 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	78.0	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: 298.193 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

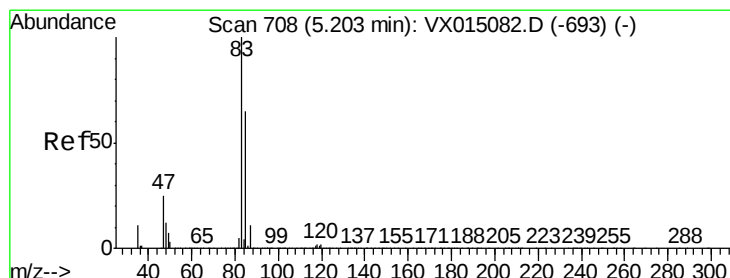
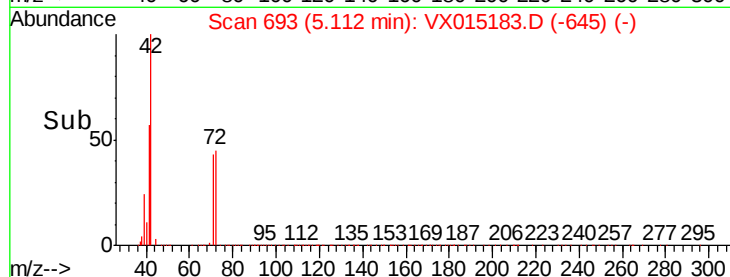
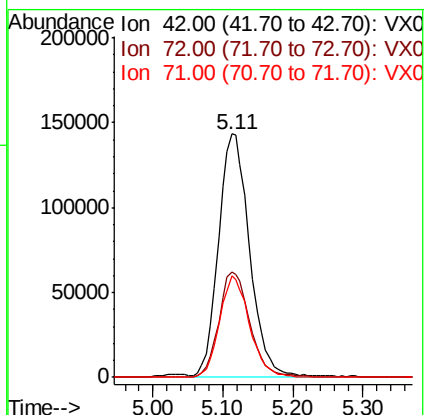
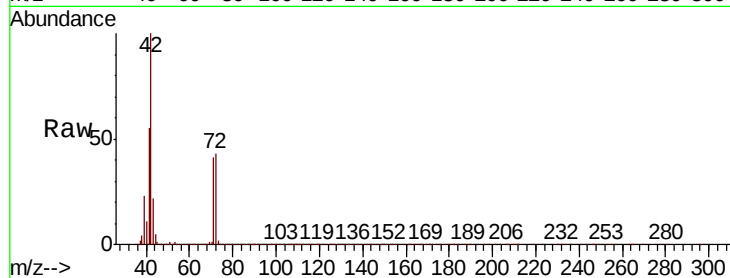
Tot Ion: 42 Resp: 438394

Ion Ratio Lower Upper

42 100

72 43.4 36.4 54.6

71 40.1 33.3 49.9



#30

Chloroform

Concen: 54.155 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015183.D

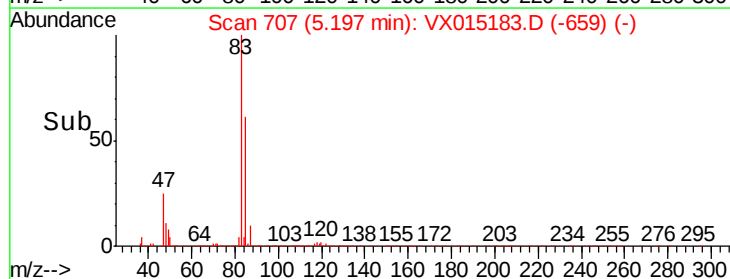
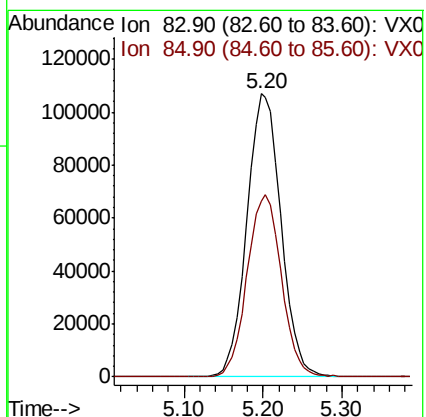
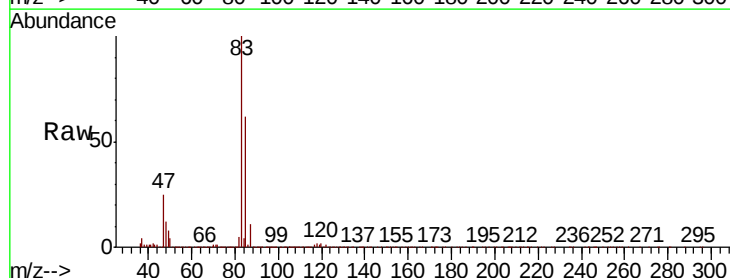
Acq: 10 Mar 2020 19:50

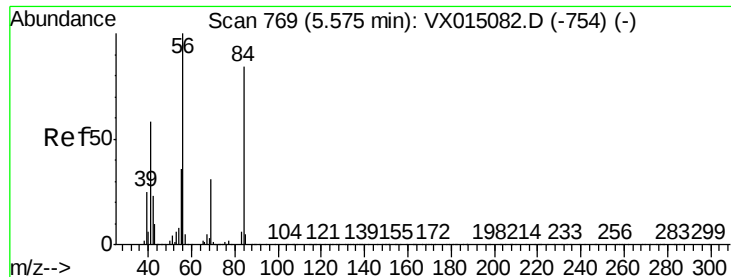
Tgt Ion: 83 Resp: 320666

Ion Ratio Lower Upper

83 100

85 62.2 52.0 78.0

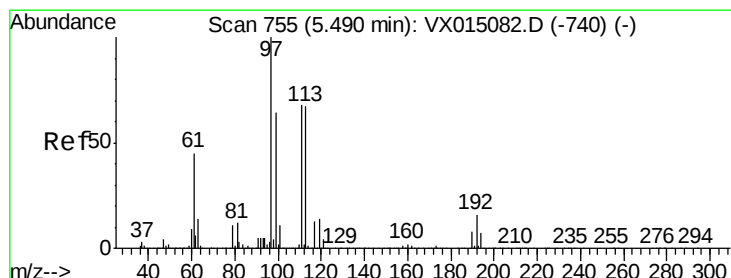
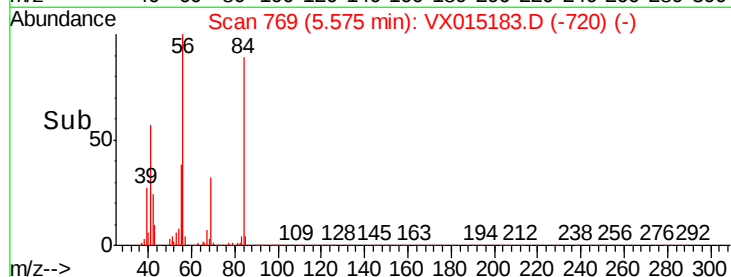
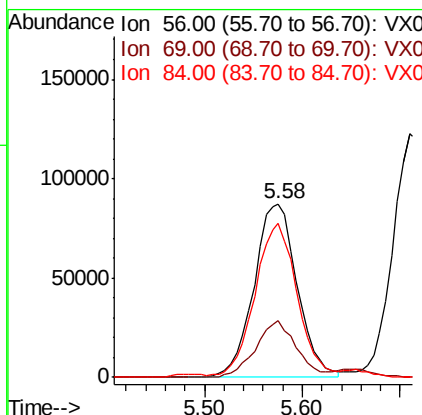
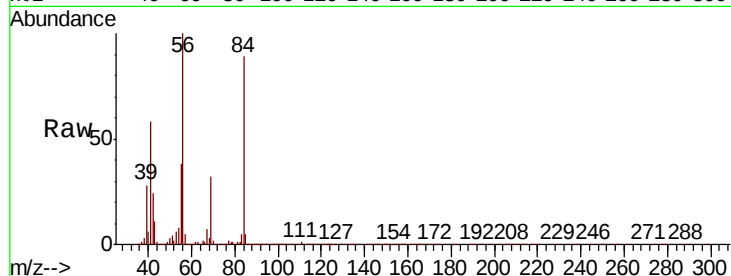




#31
Cyclohexane
Concen: 49.254 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

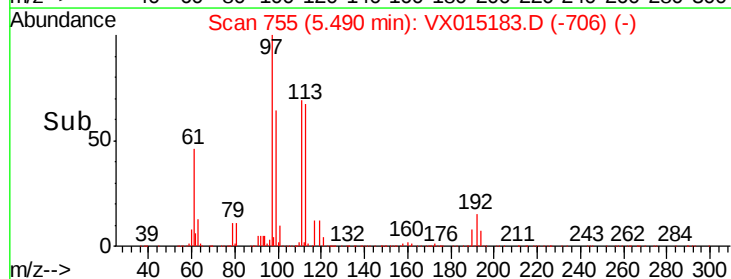
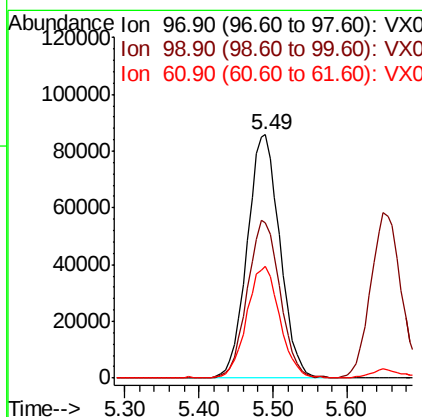
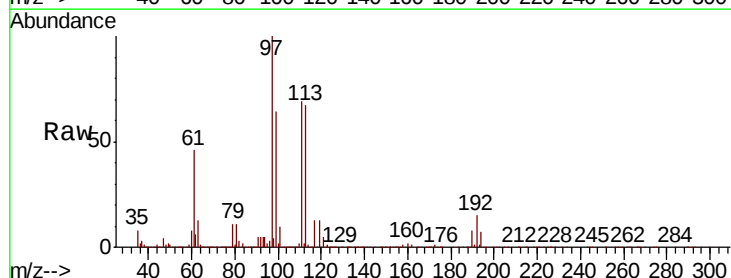
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

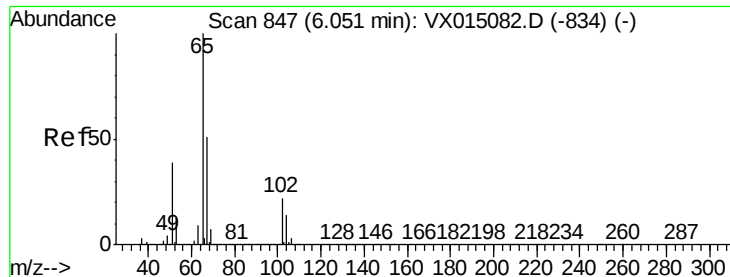
Tot Ion: 56 Resp: 266900
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.6
84 87.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 53.558 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 97 Resp: 262885
Ion Ratio Lower Upper
97 100
99 65.1 52.8 79.2
61 46.4 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 52.987 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

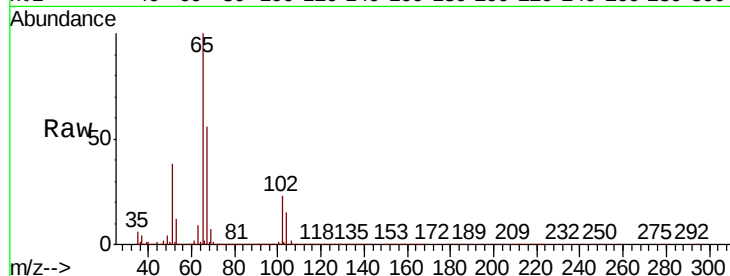
VSTDCCC050EC

Tot Ion: 65 Resp: 203829

Ion Ratio Lower Upper

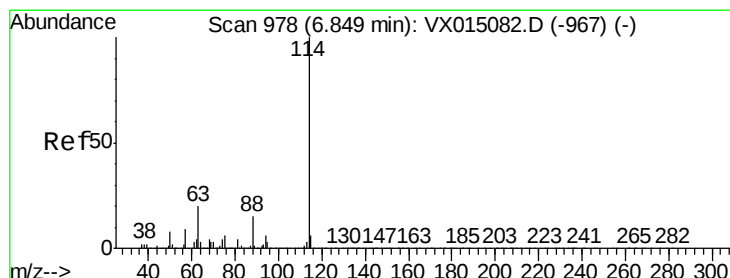
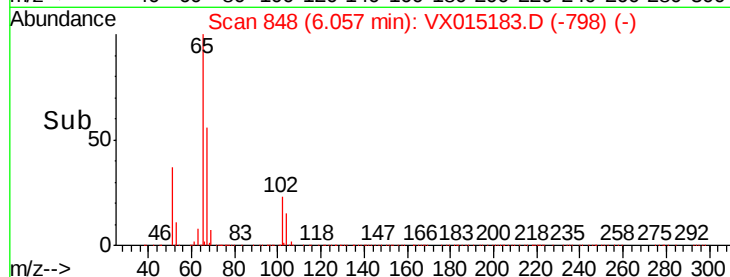
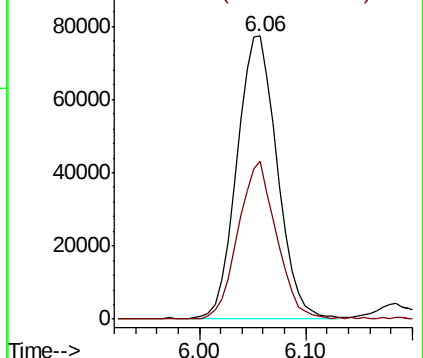
65 100

67 53.3 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: VX015183.D

Acq: 10 Mar 2020 19:50

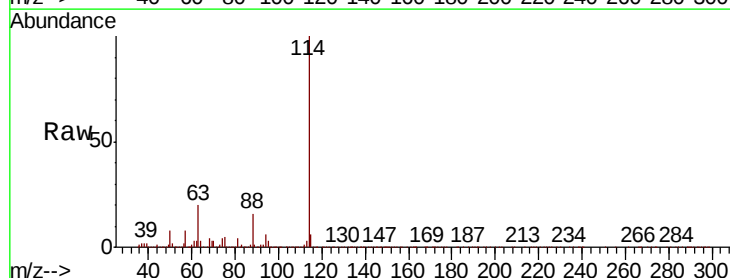
Tgt Ion: 114 Resp: 518188

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

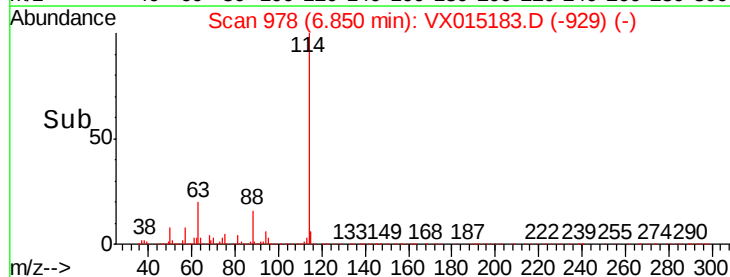
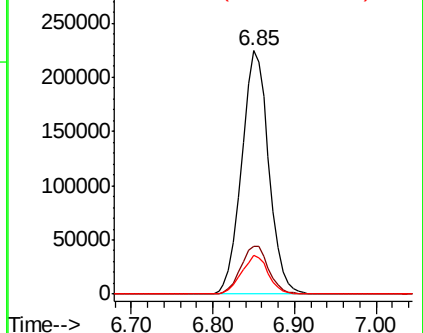
88 15.9 0.0 30.6

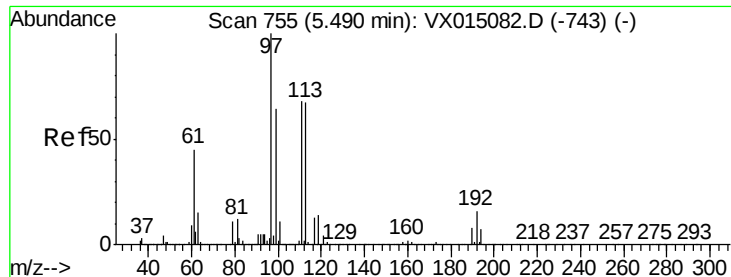


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

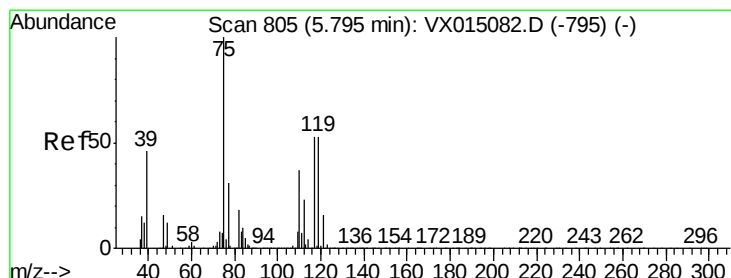
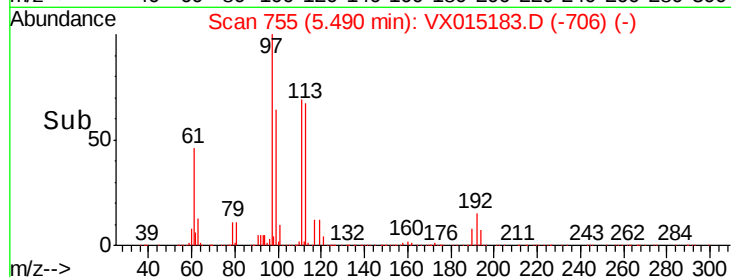
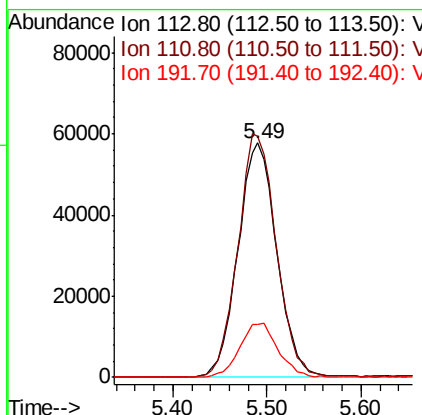
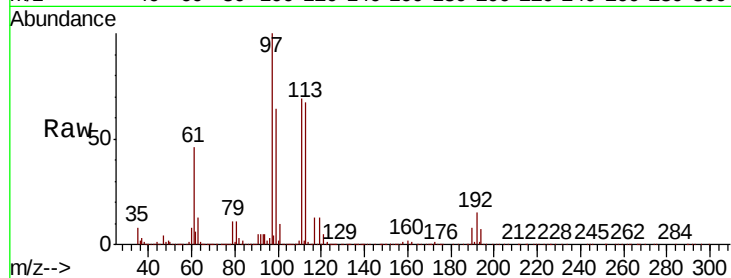




#35
 Dibromofluoromethane
 Concen: 50.877 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

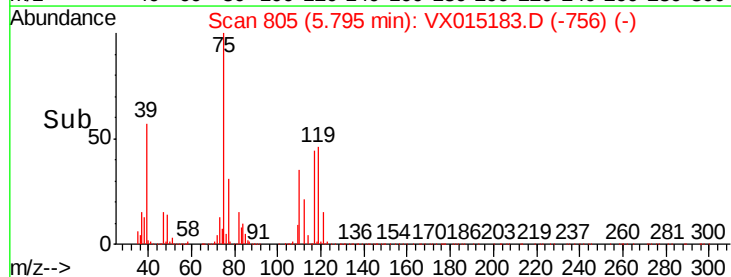
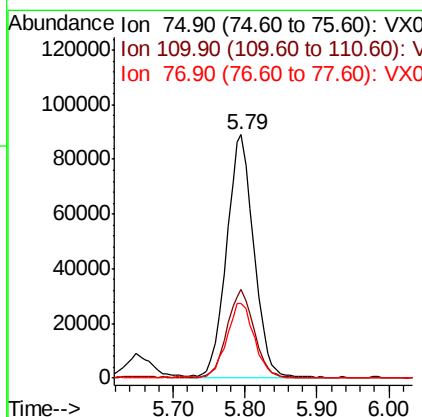
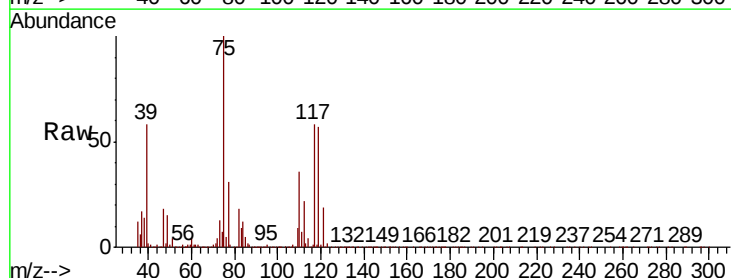
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

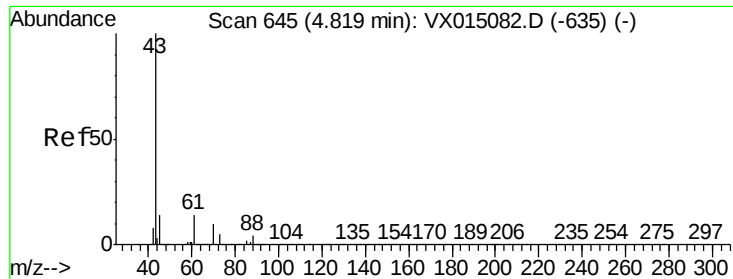
Tot Ion:113 Resp: 166321
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 23.0 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 48.663 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion: 75 Resp: 233114
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.9 53.8
 77 30.6 24.8 37.2

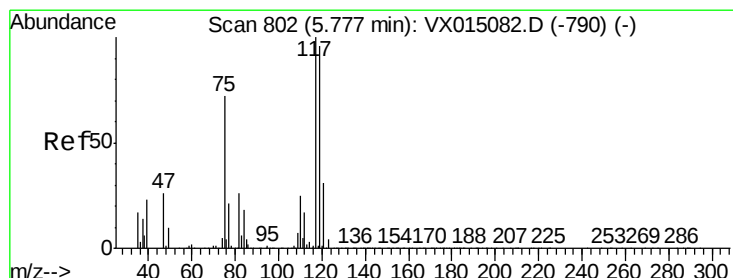
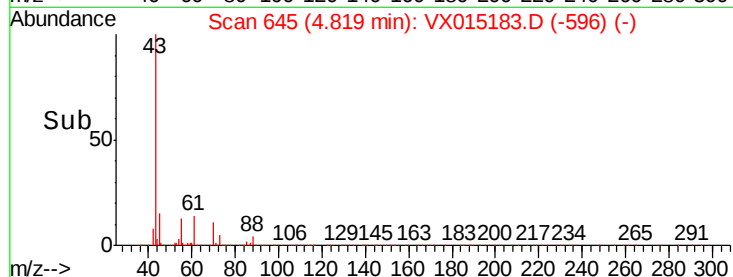
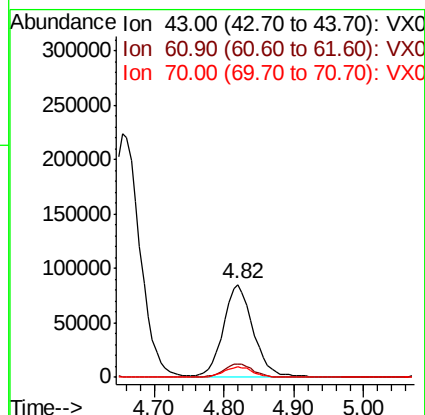
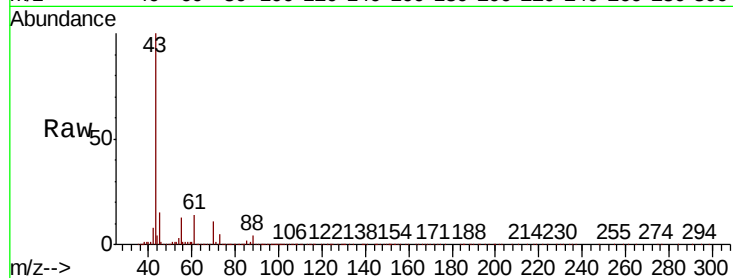




#37
Ethyl Acetate
Concen: 56.366 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

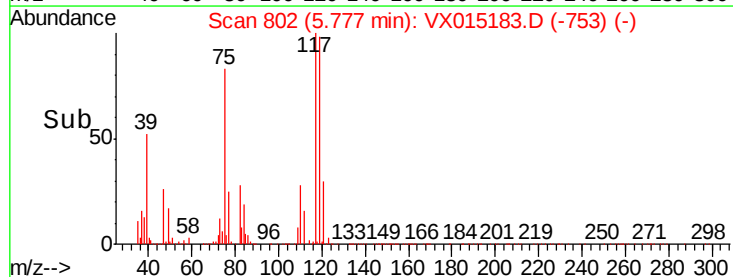
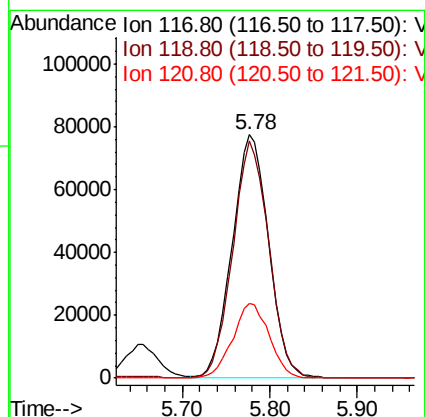
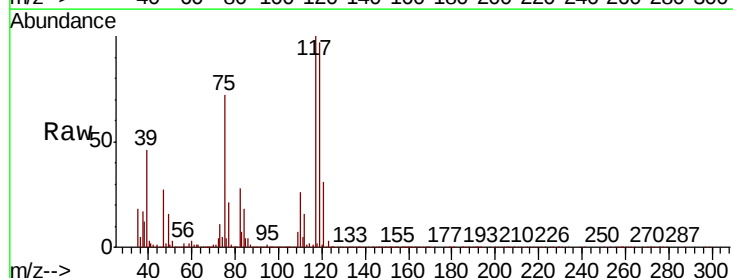
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

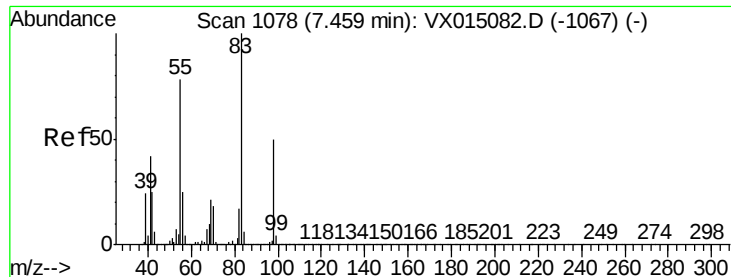
Tot Ion: 43 Resp: 250471
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 10.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.468 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 117 Resp: 223684
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
121 30.5 24.6 37.0

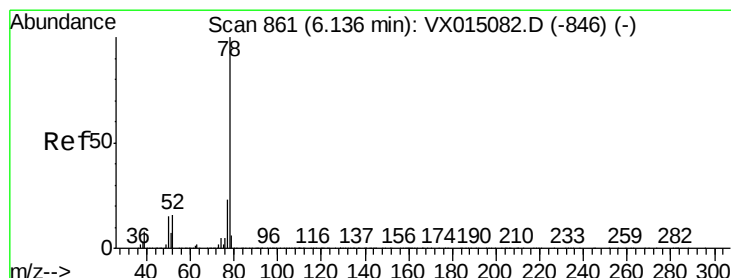
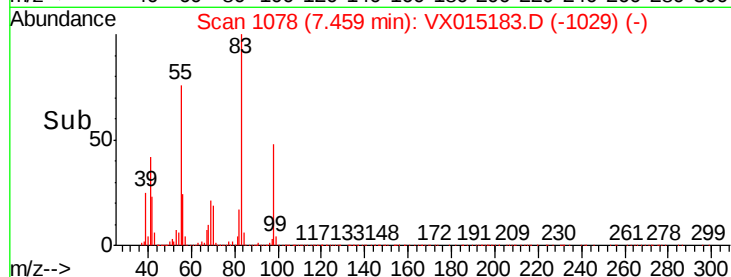
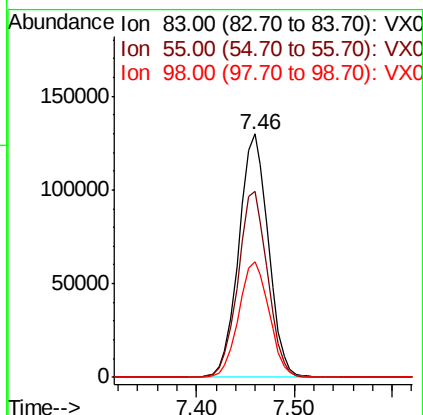
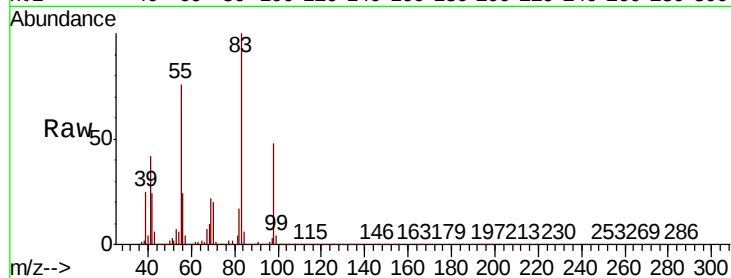




#39
Methvlcvclohexane
Concen: 48.601 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

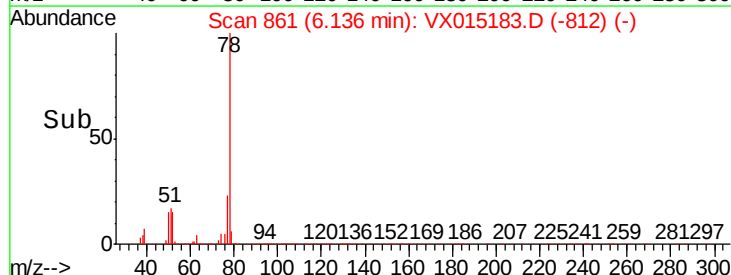
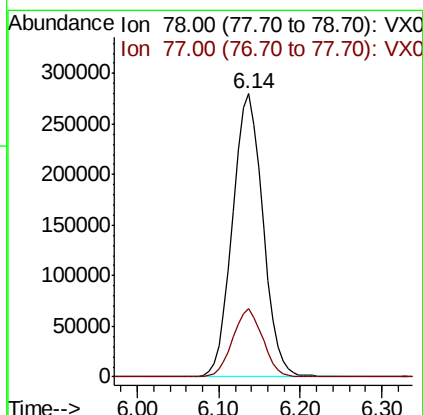
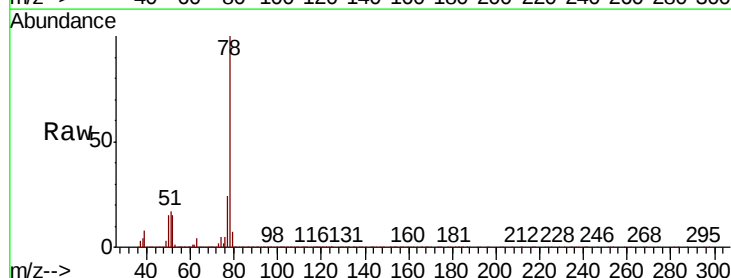
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

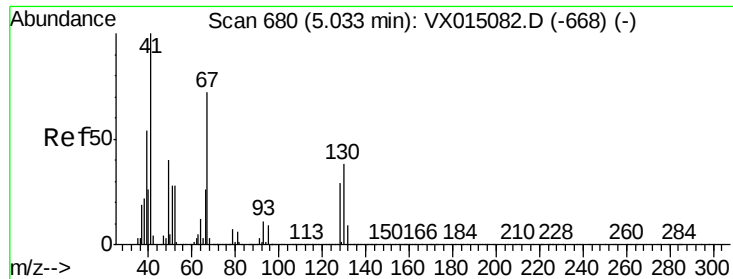
Tot Ion: 83 Resp: 271861
Ion Ratio Lower Upper
83 100
55 76.5 62.4 93.6
98 47.6 39.7 59.5



#40
Benzene
Concen: 50.669 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 78 Resp: 720137
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

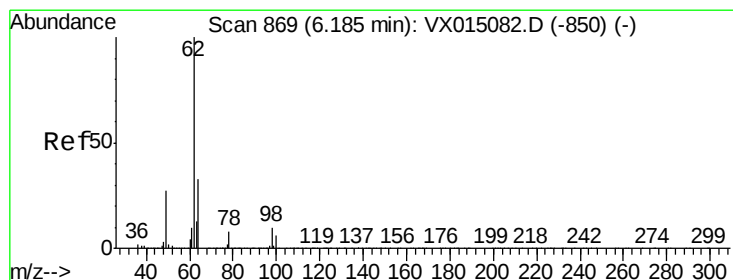
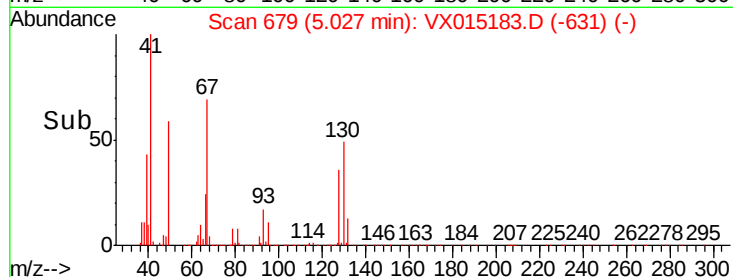
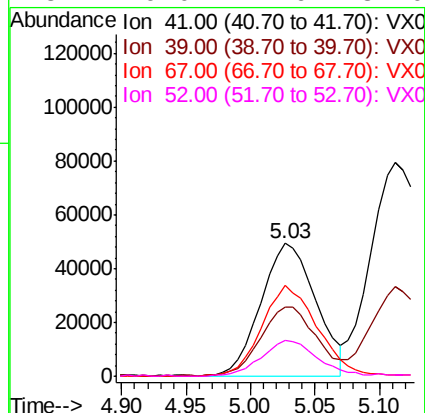
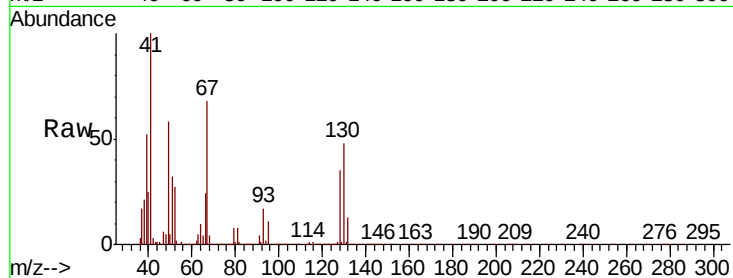




#41
Methacrylonitrile
Concen: 54.424 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

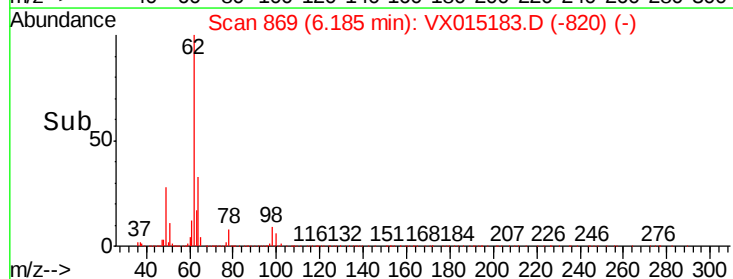
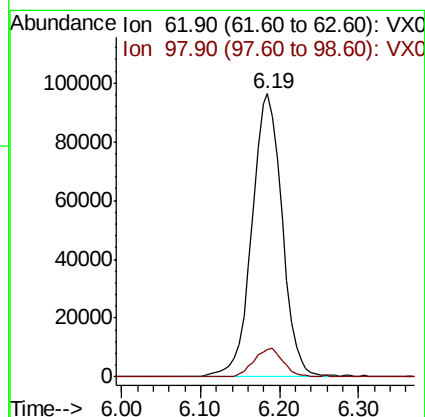
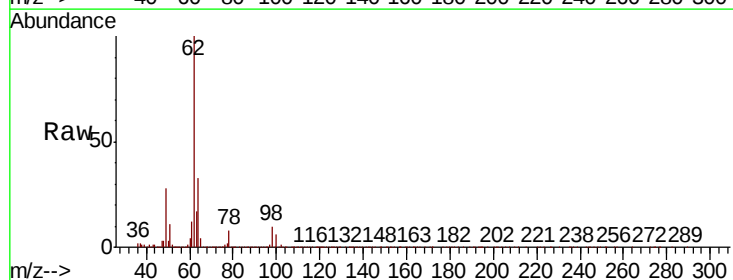
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

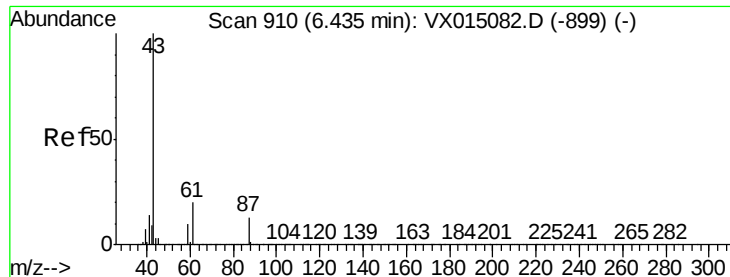
Tot Ion:	41	Resp:	145262
Ion	Ratio	Lower	Upper
41	100		
39	52.0	43.9	65.9
67	69.0	57.8	86.8
52	29.0	22.6	34.0



#42
1,2-Dichloroethane
Concen: 52.549 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion:	62	Resp:	256481
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6



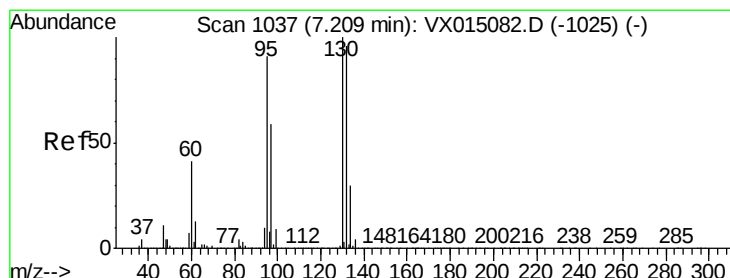
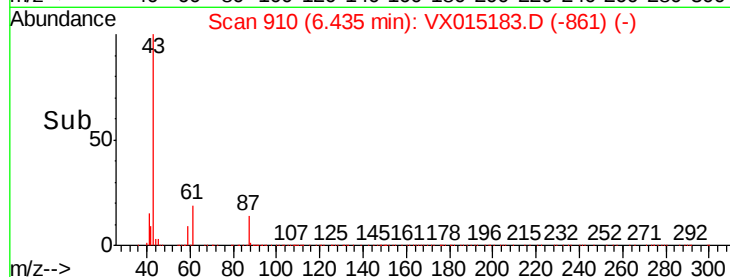
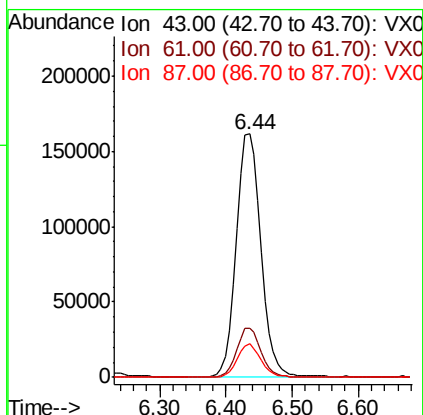
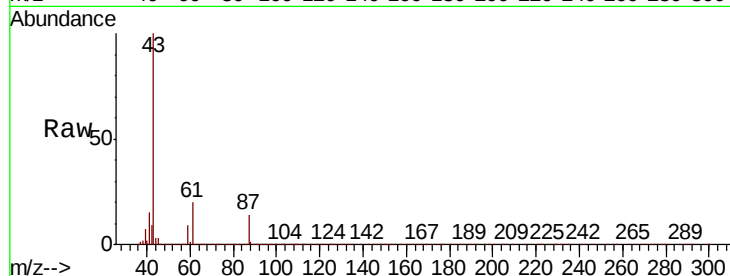


#43

Isopropyl Acetate
 Concen: 53.217 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

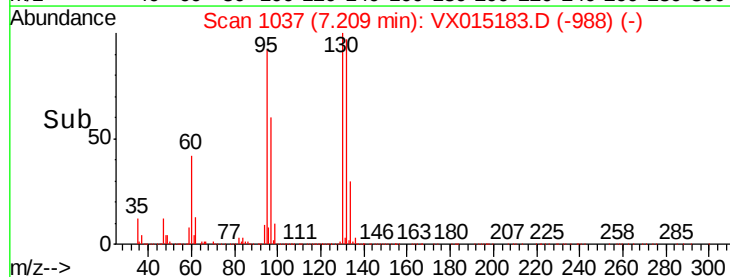
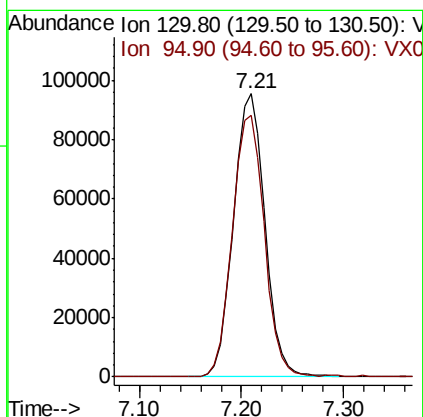
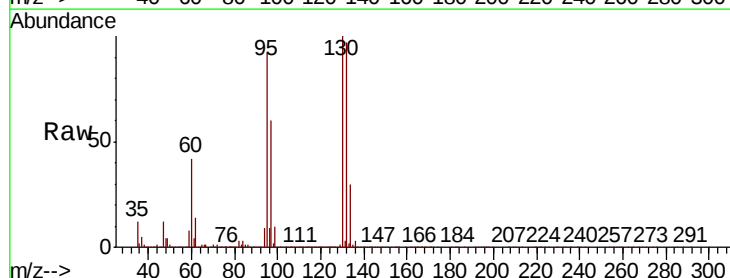
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	13.3	10.6	16.0

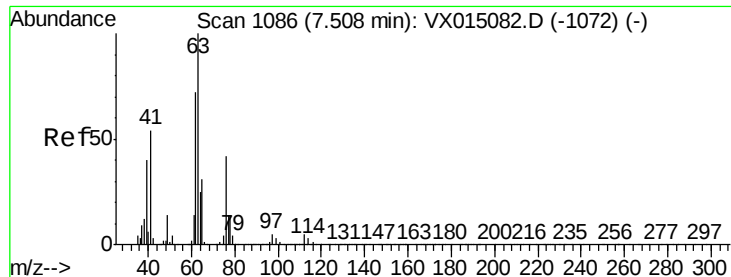


#44

Trichloroethene
 Concen: 51.280 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	181.2





#45

1,2-Dichloropropane

Concen: 51.515 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

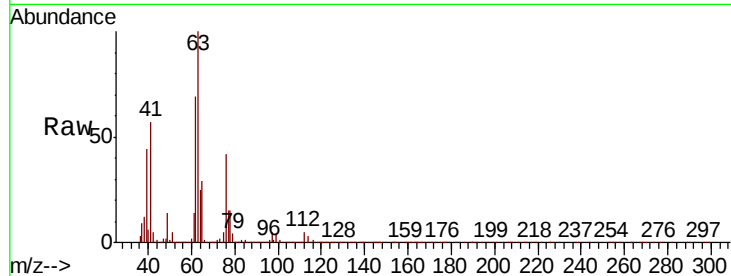
VSTDCCC050EC

Tot Ion: 63 Resp: 189511

Ion Ratio Lower Upper

63 100

65 29.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

60000

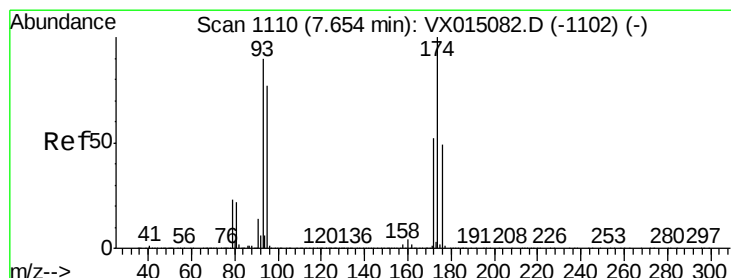
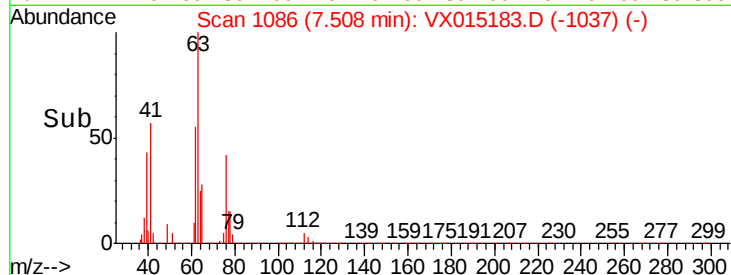
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 52.441 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

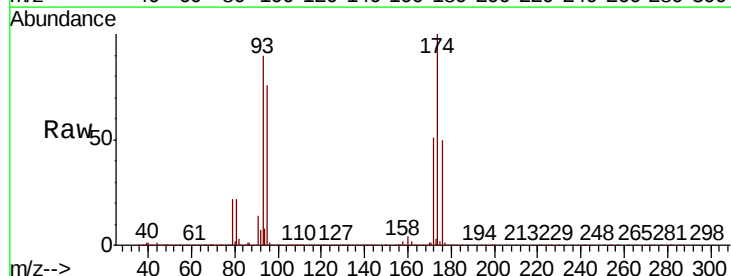
Tgt Ion: 93 Resp: 125703

Ion Ratio Lower Upper

93 100

95 81.9 67.8 101.8

174 110.8 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

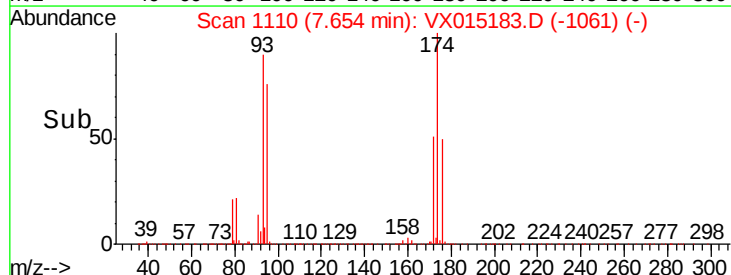
40000

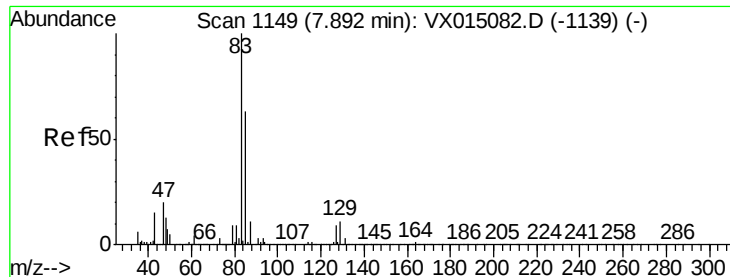
20000

0

Time-->

7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 52.575 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

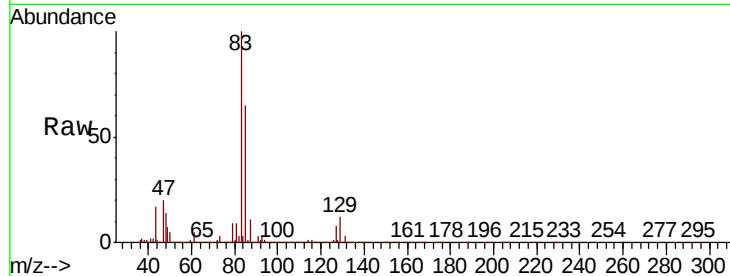
Tot Ion: 83 Resp: 249213

Ion Ratio Lower Upper

83 100

85 64.9 50.6 75.8

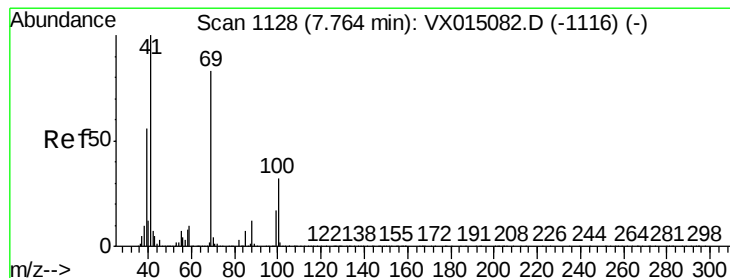
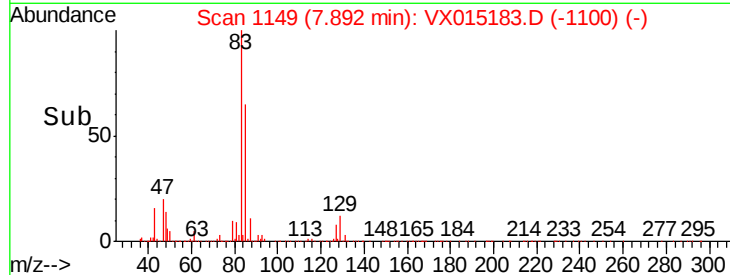
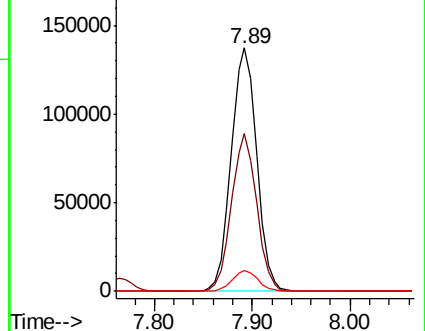
127 8.4 7.1 10.7



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: 53.070 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

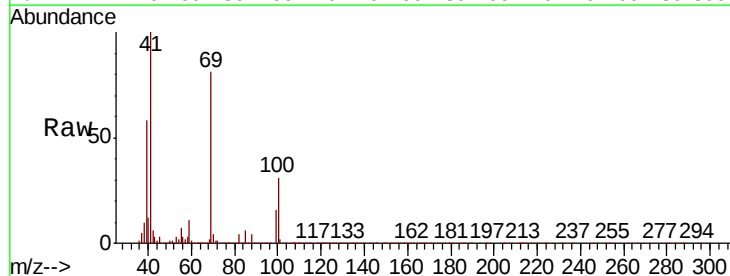
Tgt Ion: 41 Resp: 211147

Ion Ratio Lower Upper

41 100

69 80.6 65.4 98.2

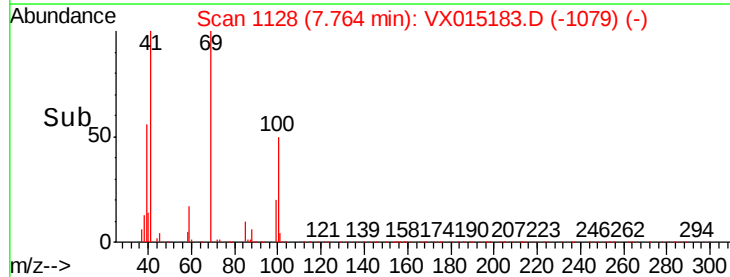
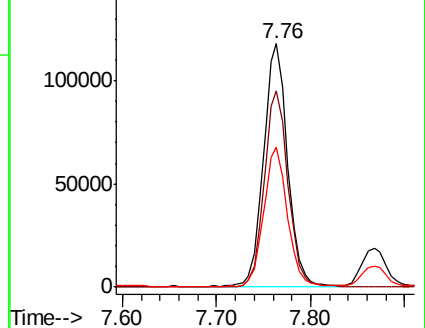
39 57.8 44.6 67.0

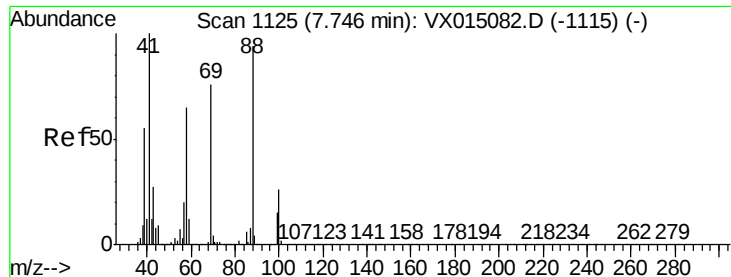


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

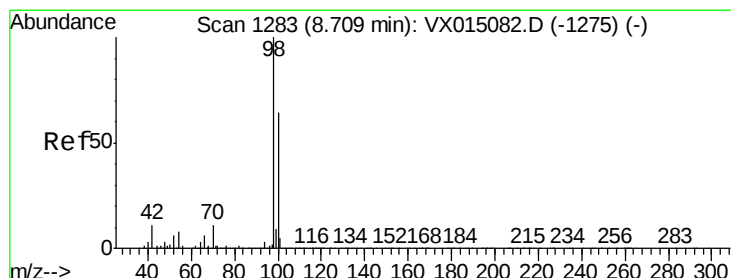
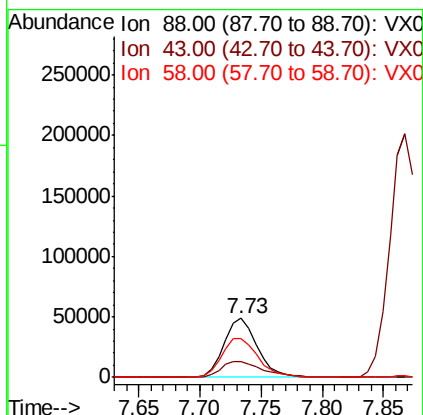
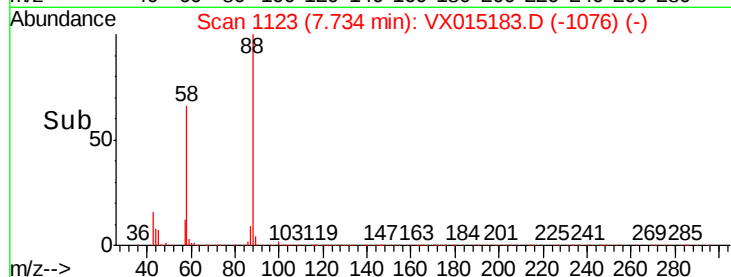
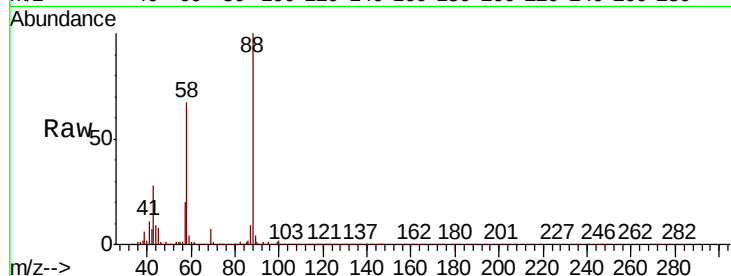




#49
1,4-Dioxane
Concen: 1068.860 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

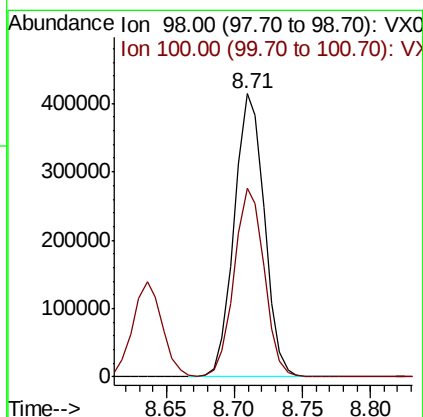
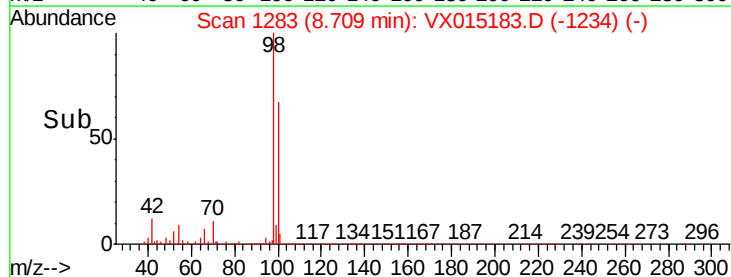
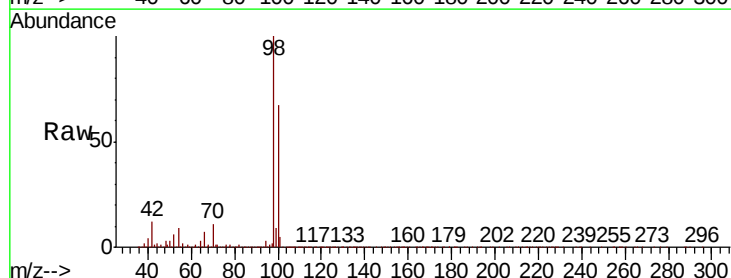
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

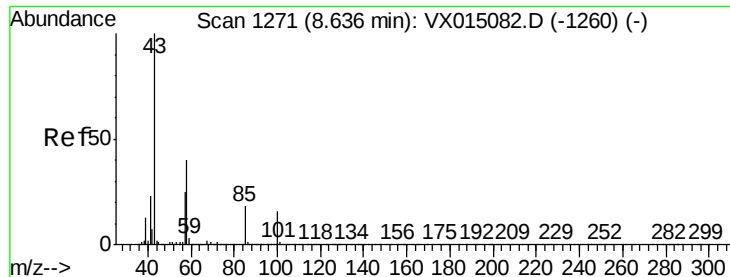
Tot Ion: 88 Resp: 91947
Ion Ratio Lower Upper
88 100
43 32.2 27.0 40.4
58 71.4 55.6 83.4



#50
Toluene-d8
Concen: 51.306 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 98 Resp: 637993
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

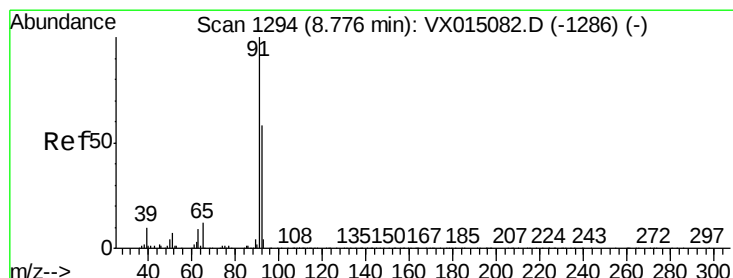
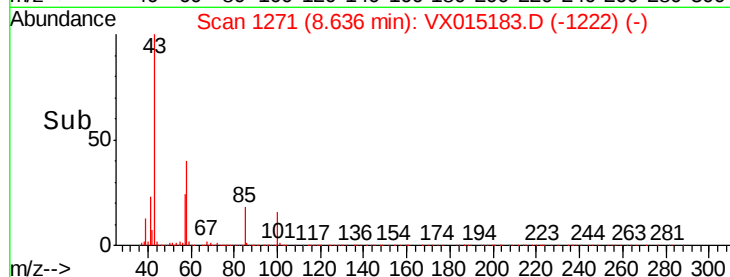
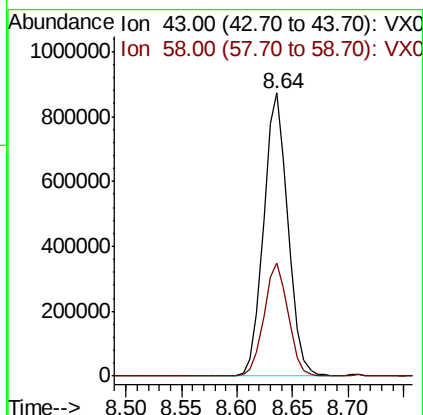
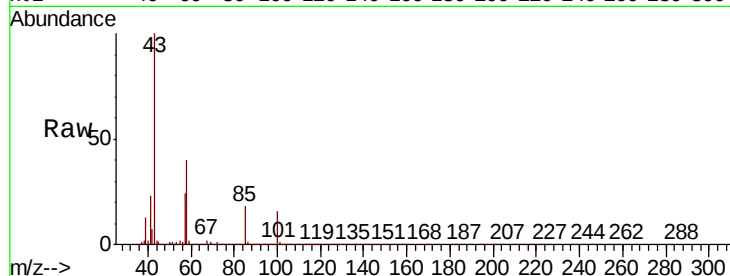




#51
4-Methyl-2-Pentanone
Concen: 287.588 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

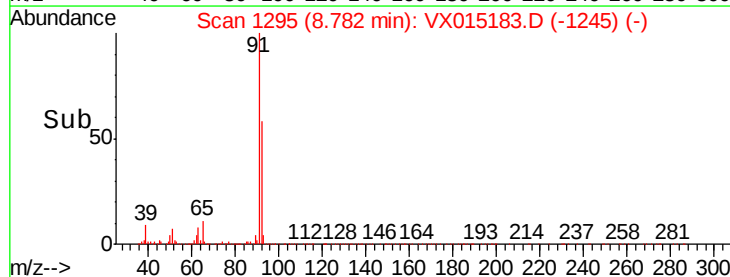
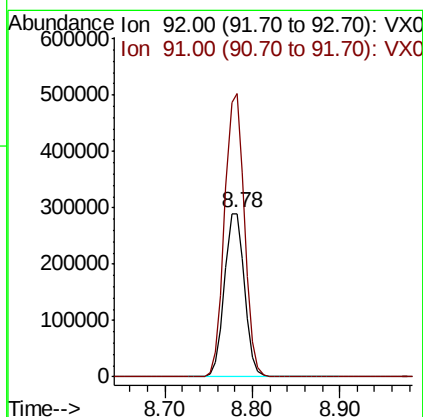
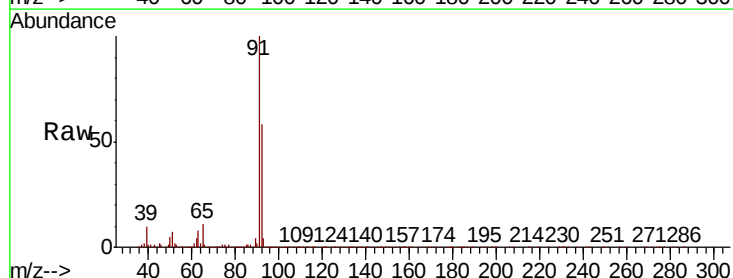
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

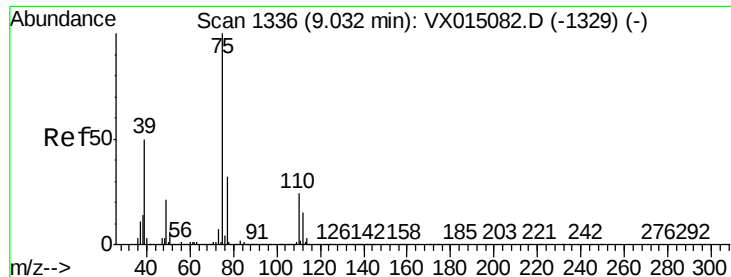
Tot Ion: 43 Resp: 1329226
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4



#52
Toluene
Concen: 52.864 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 92 Resp: 459394
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3

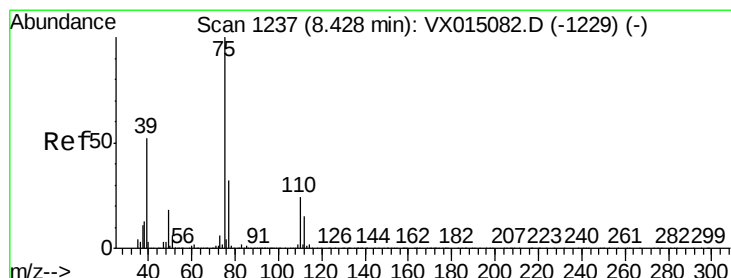
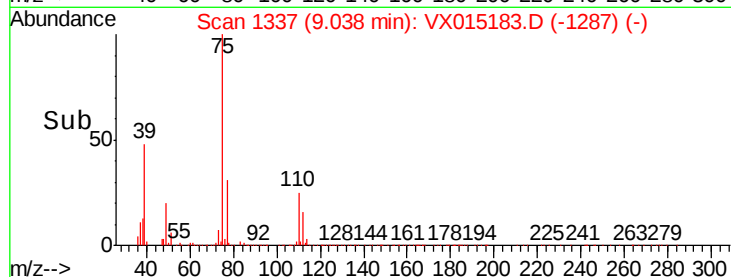
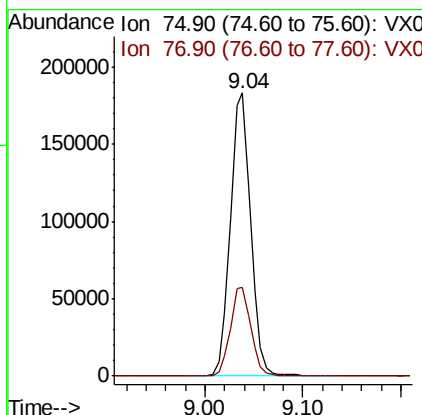
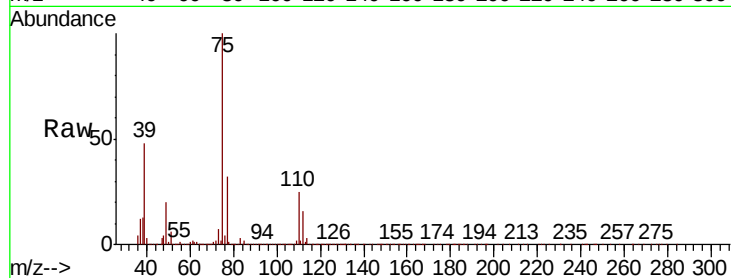




#53
t-1,3-Dichloropropene
Concen: 52.023 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

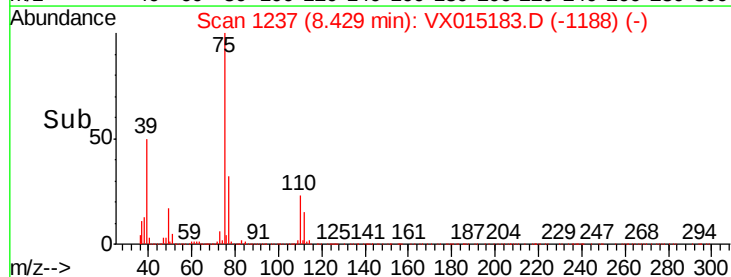
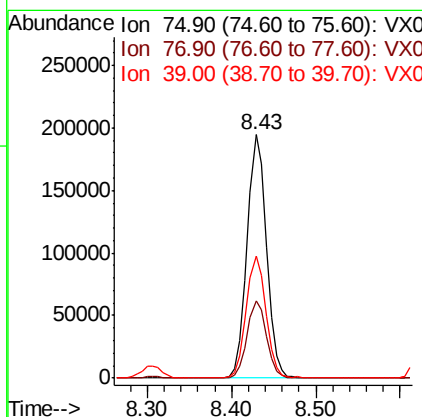
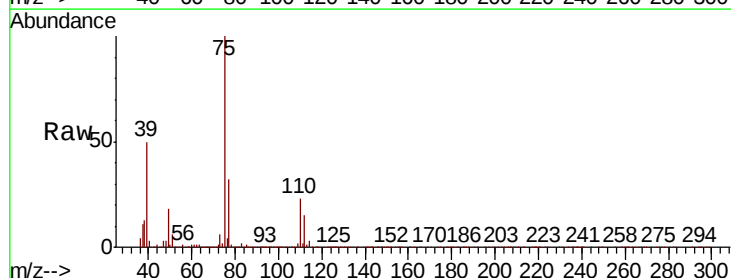
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

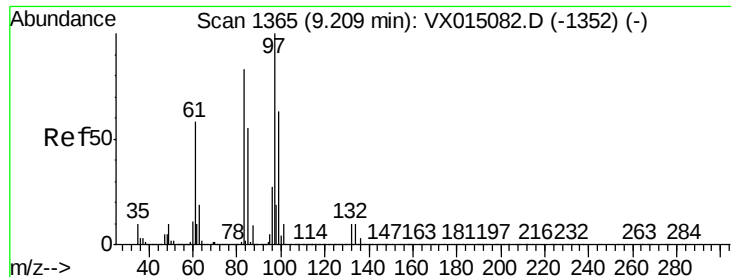
Tot Ion: 75 Resp: 262477
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.295 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 75 Resp: 298283
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 50.1 41.3 61.9

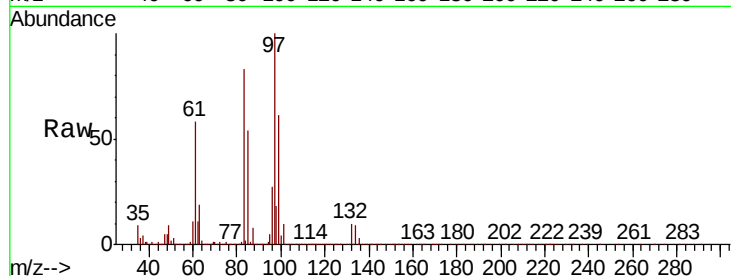




#55
 1,1,2-Trichloroethane
 Concen: 52.975 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	189481
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.4	99.6
85	53.5	43.5	65.3
99	61.2	50.7	76.1



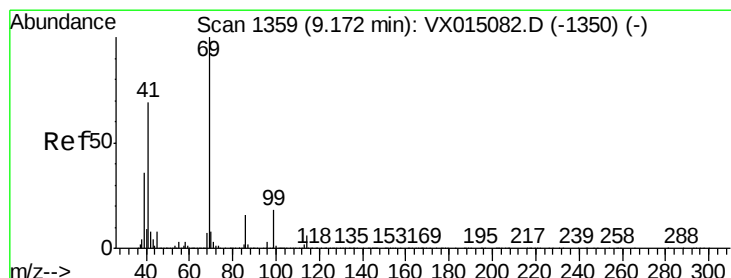
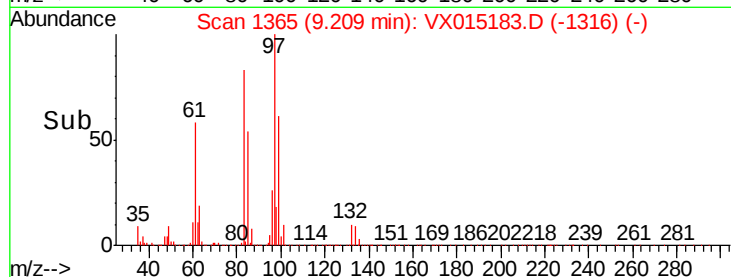
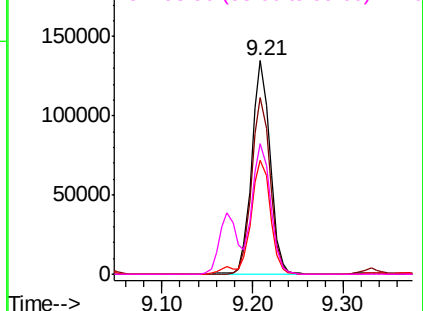
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

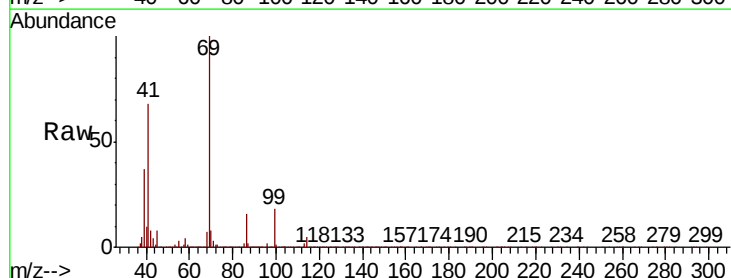
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 56.783 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion:	69	Resp:	289697
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.8	83.8
39	36.9	29.4	44.2

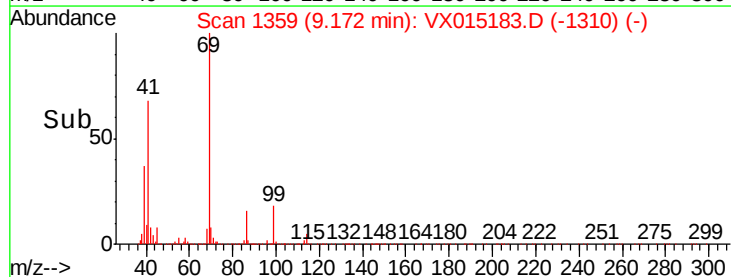
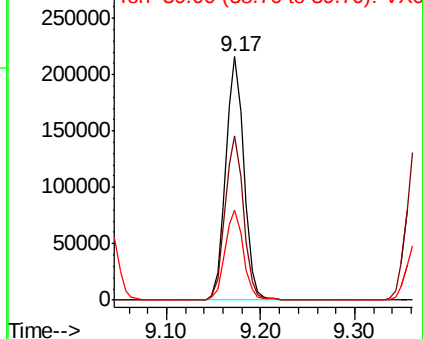


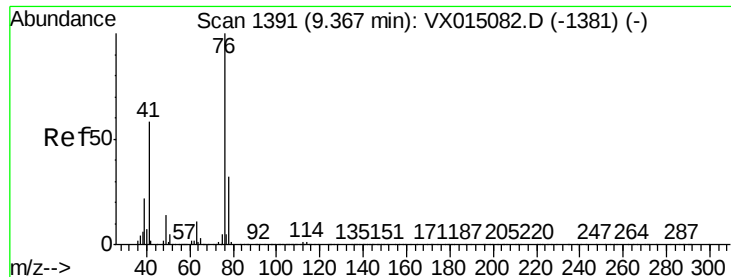
Abundance

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: 52.439 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

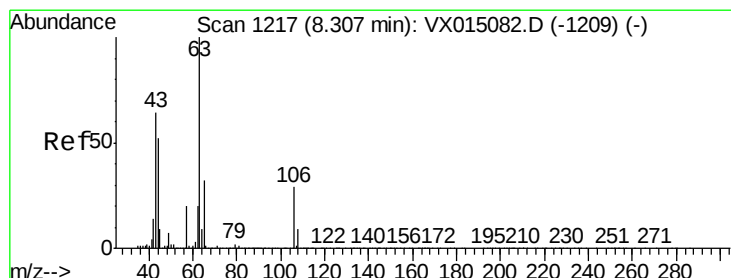
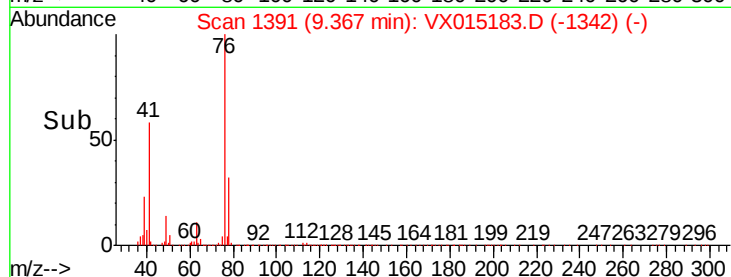
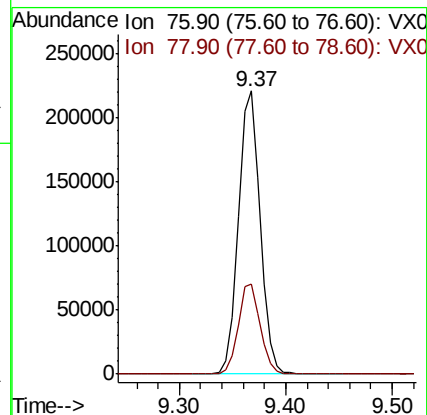
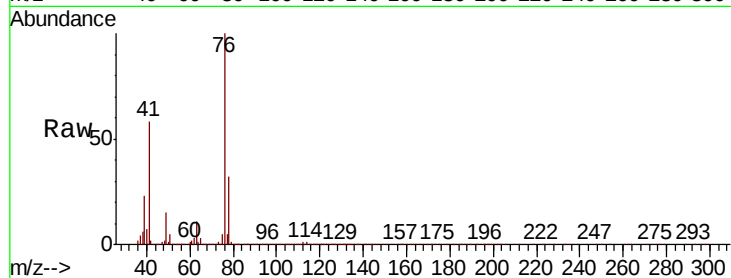
VSTDCCC050EC

Tot Ion: 76 Resp: 31555

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.228 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015183.D

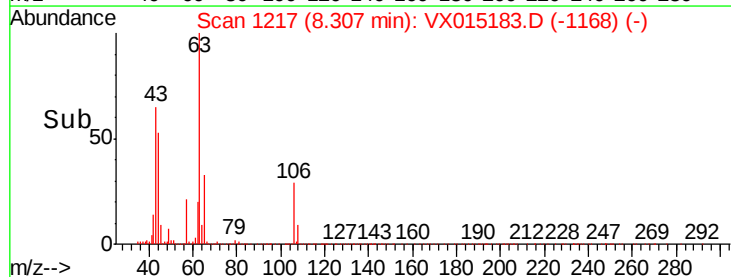
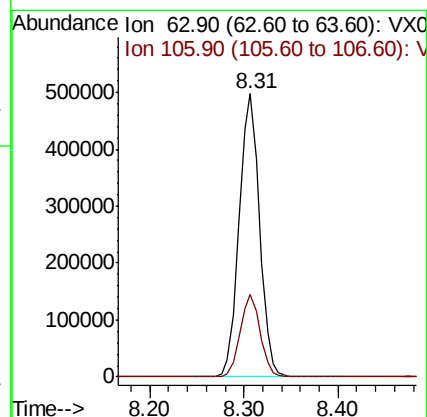
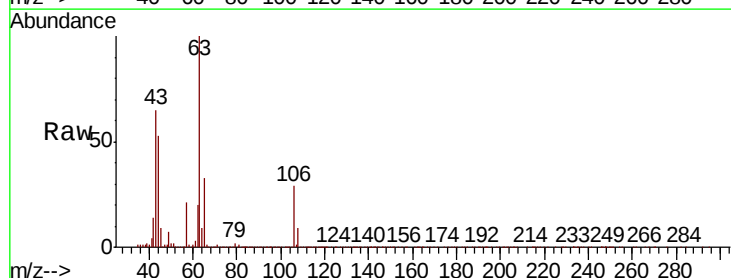
Acq: 10 Mar 2020 19:50

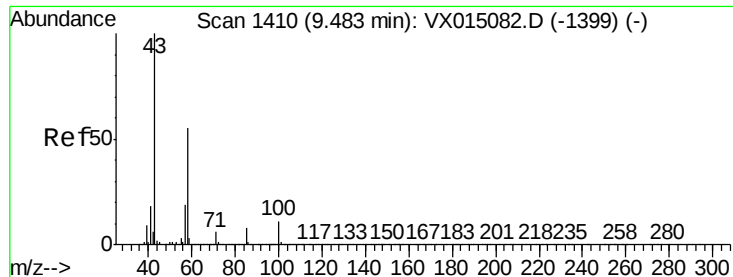
Tgt Ion: 63 Resp: 745501

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2





#59

2-Hexanone

Concen: 293.273 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

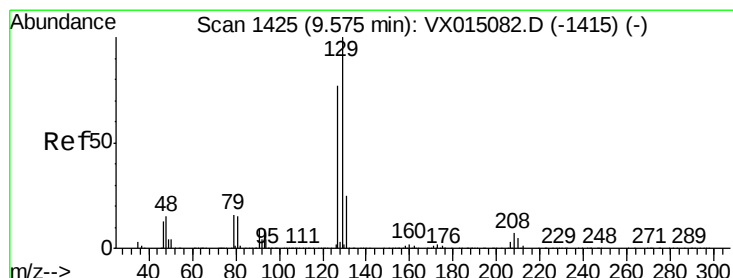
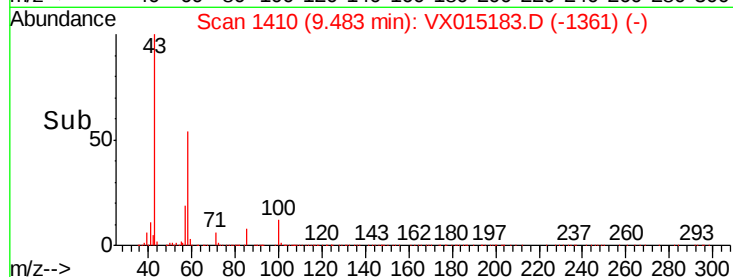
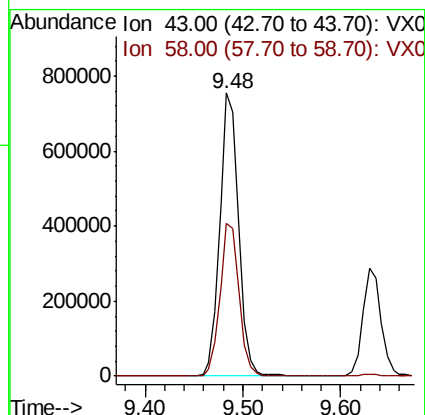
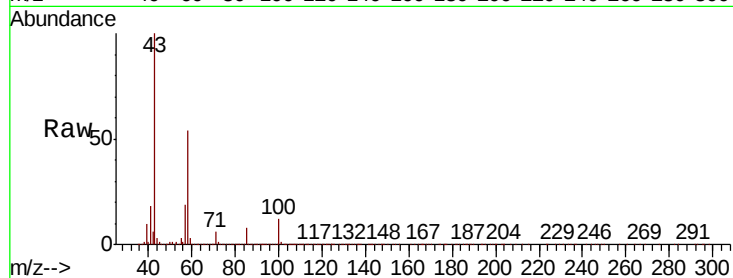
VSTDCCC050EC

Tot Ion: 43 Resp: 1004678

Ion Ratio Lower Upper

43 100

58 54.7 27.3 81.8



#60

Dibromochloromethane

Concen: 53.487 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015183.D

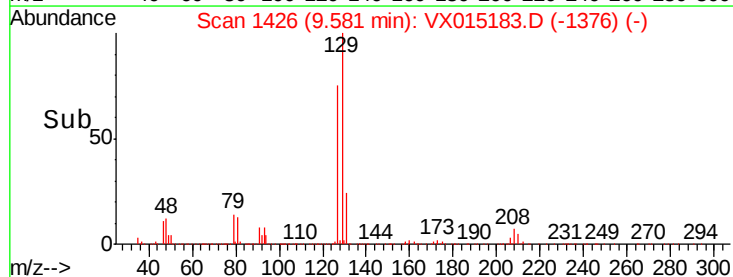
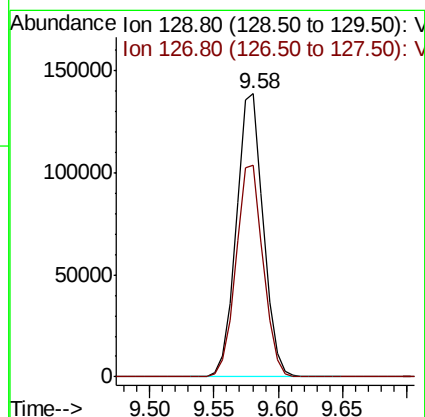
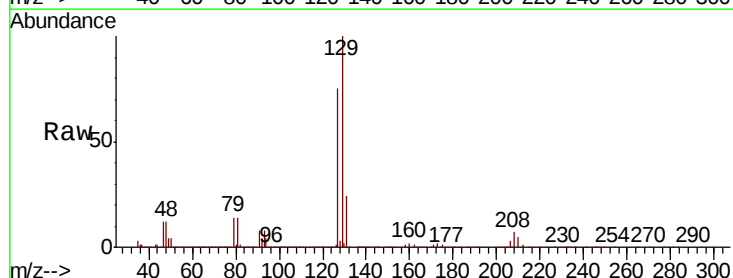
Acq: 10 Mar 2020 19:50

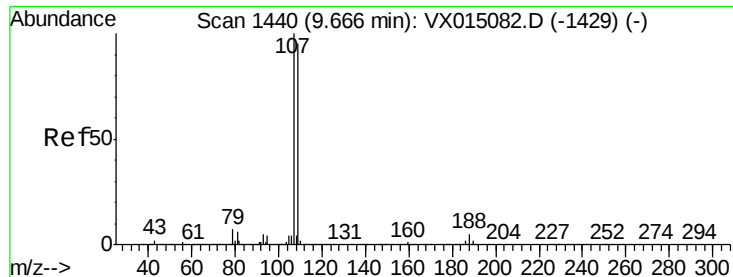
Tgt Ion: 129 Resp: 200964

Ion Ratio Lower Upper

129 100

127 75.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.698 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

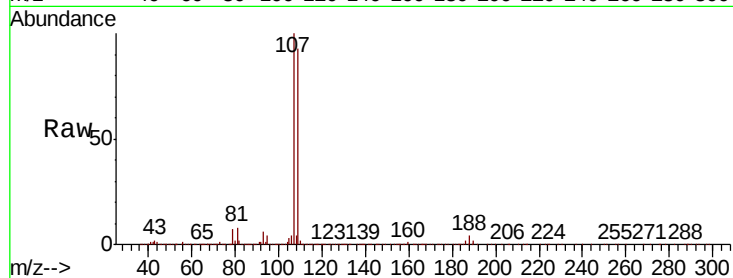
VSTDCCC050EC

Tot Ion:107 Resp: 194225

Ion Ratio Lower Upper

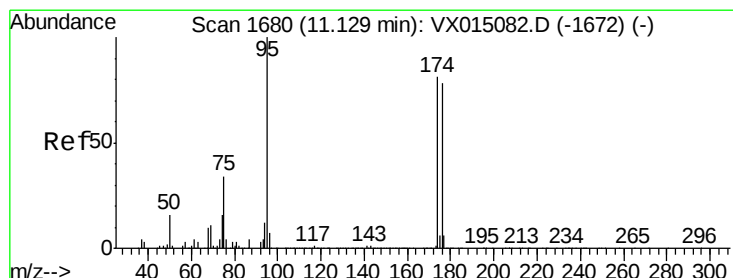
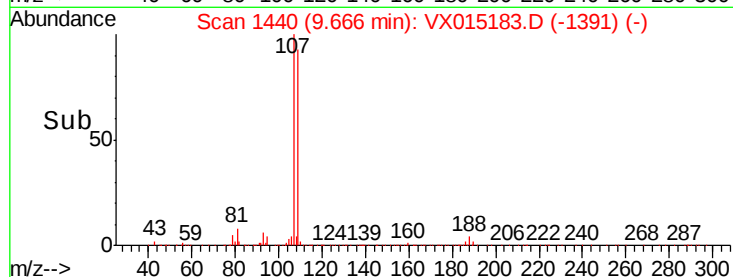
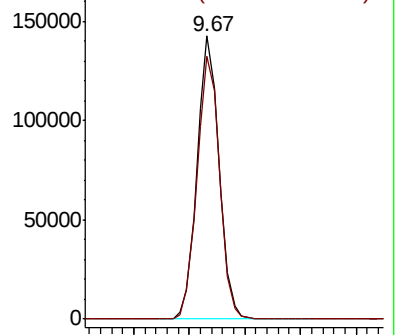
107 100

109 94.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.068 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

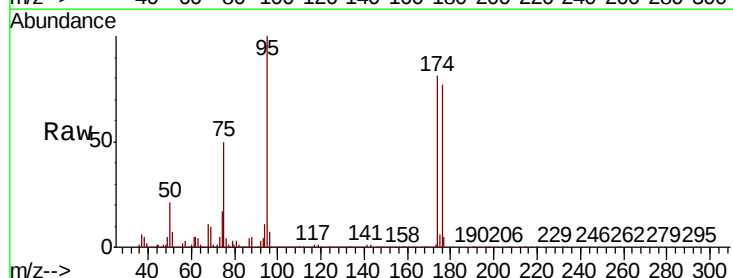
Tgt Ion: 95 Resp: 230947

Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.6

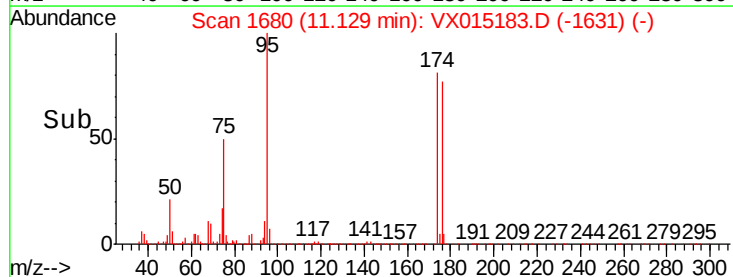
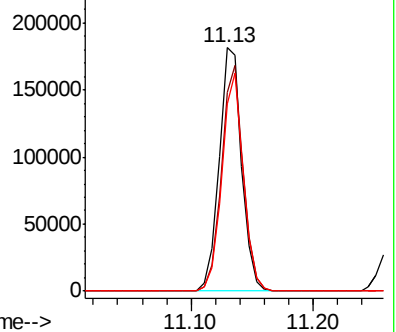
176 86.5 0.0 170.2

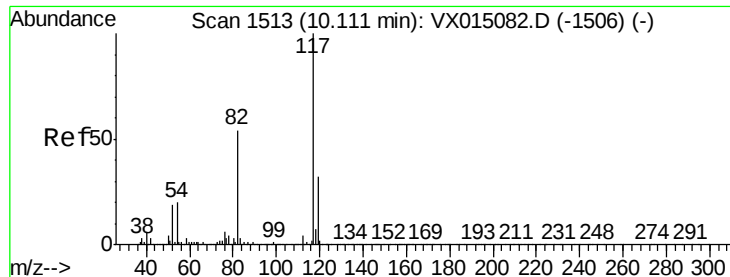


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

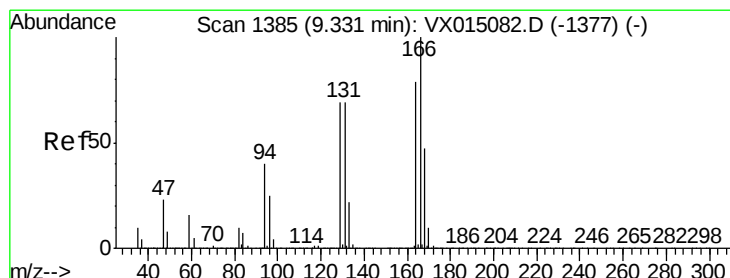
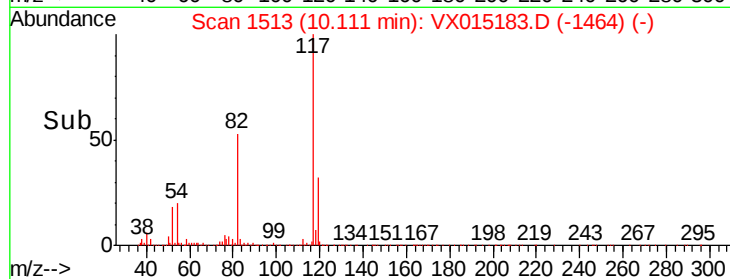
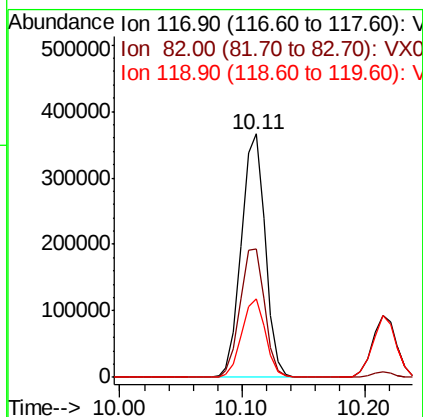
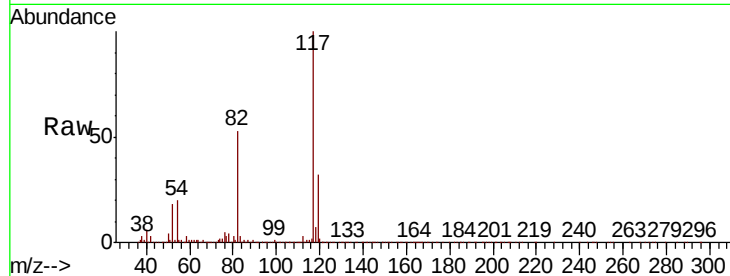




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

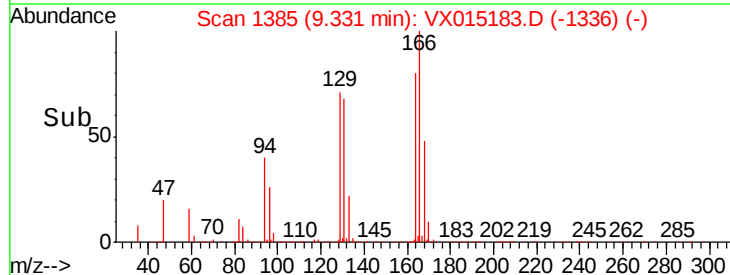
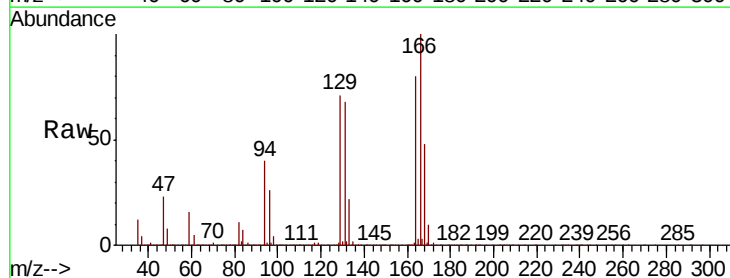
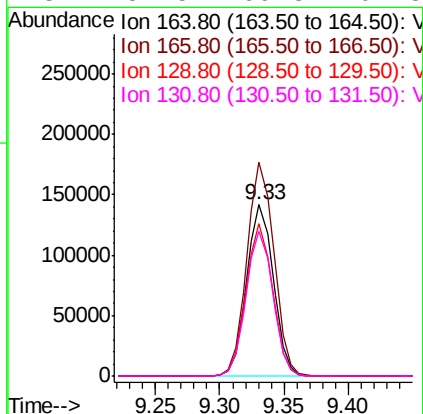
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

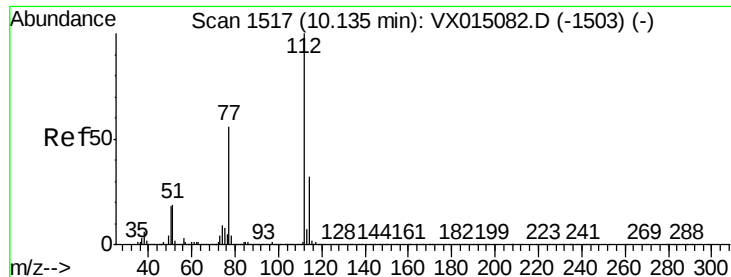
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 49.544 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	101.1	151.7
129	89.0	69.4	104.0
131	84.5	69.8	104.8





#65

Chlorobenzene

Concen: 49.923 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

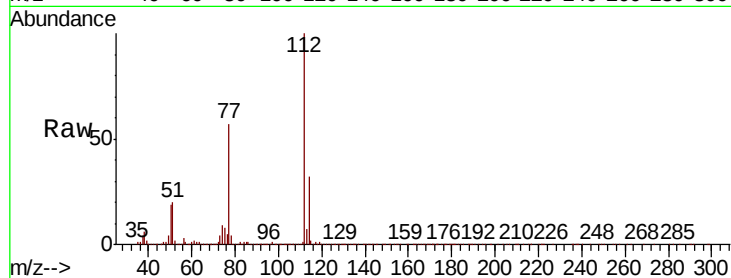
VSTDCCC050EC

Tot Ion:112 Resp: 494943

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

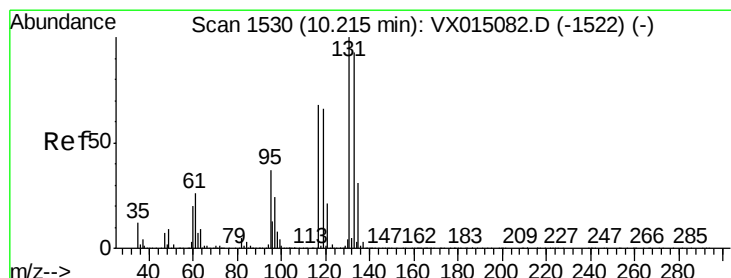
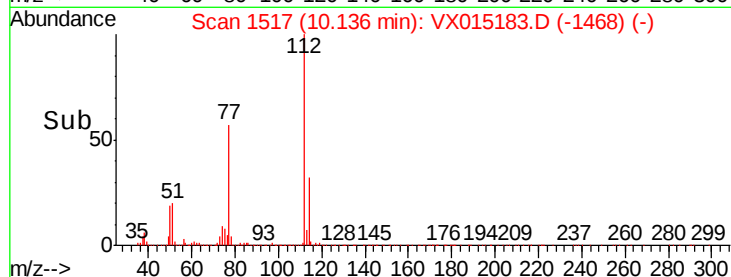
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.693 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

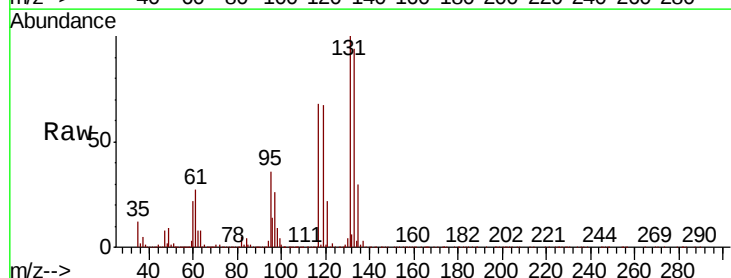
Tgt Ion:131 Resp: 185768

Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.5

119 66.0 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

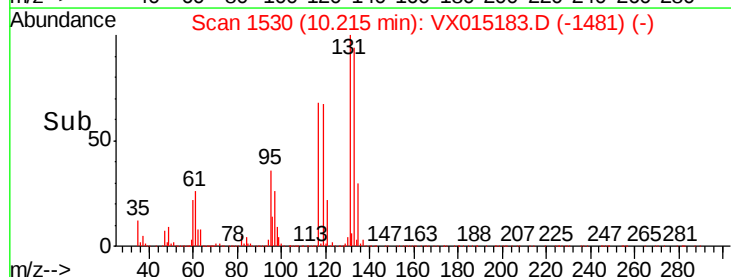
150000

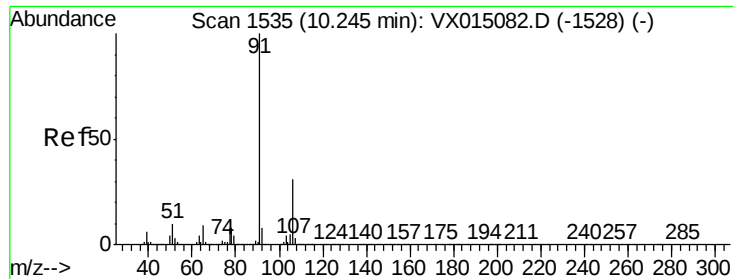
100000

50000

0

Time-->

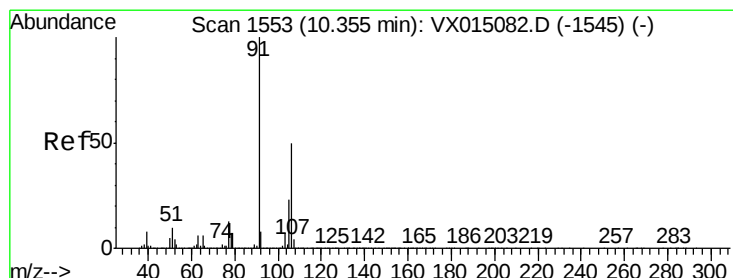
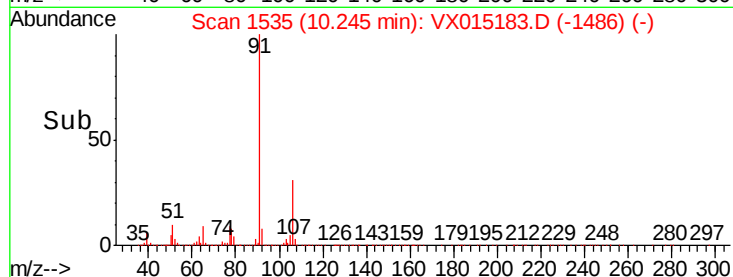
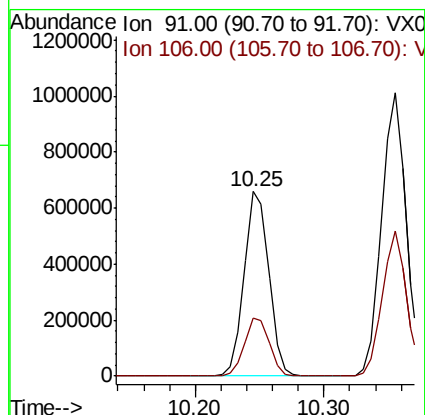
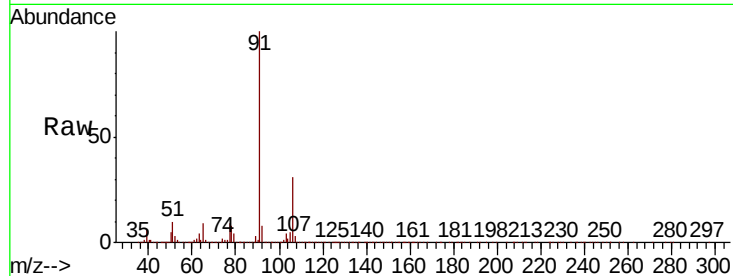




#67
Ethyl Benzene
Concen: 51.663 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

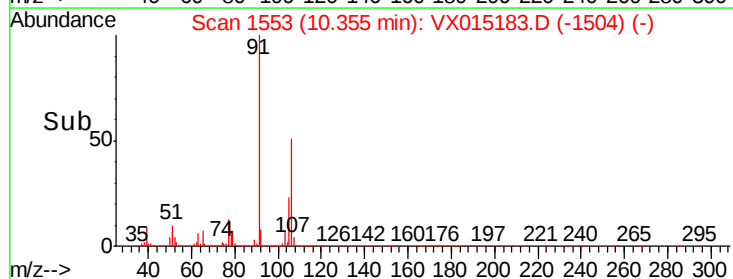
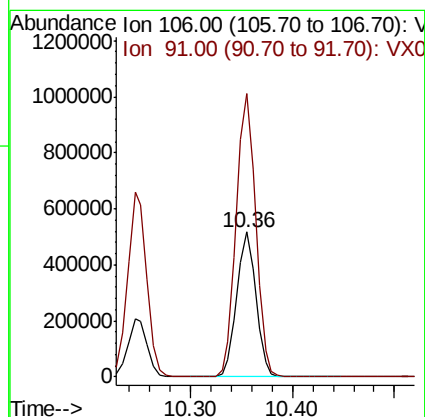
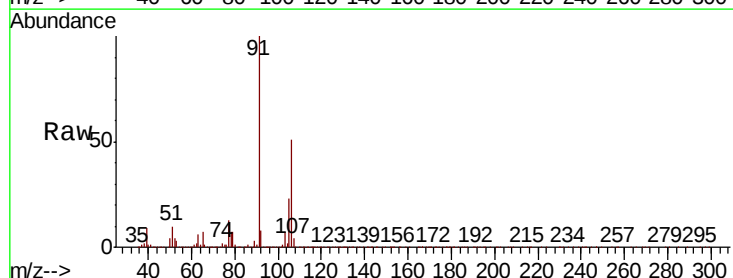
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

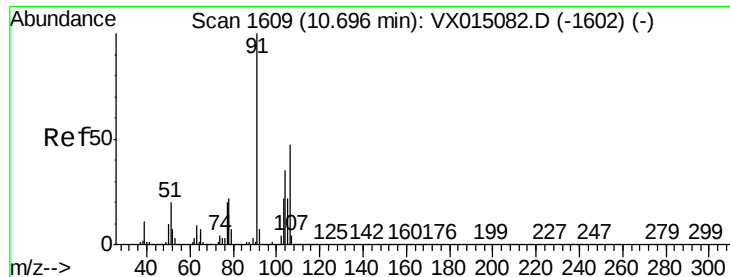
Tot Ion: 91 Resp: 869760
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 104.310 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 106 Resp: 668123
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2

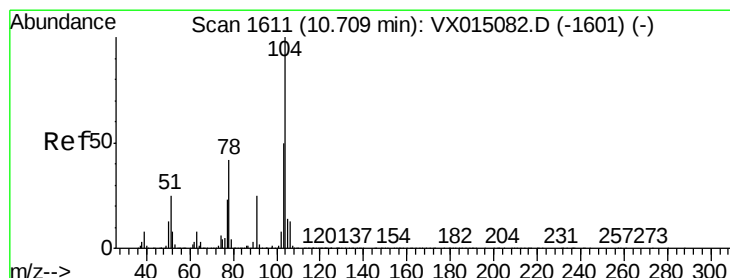
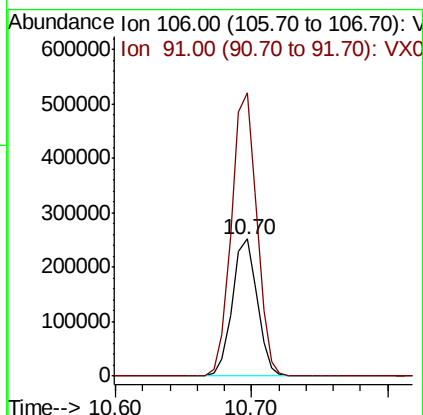
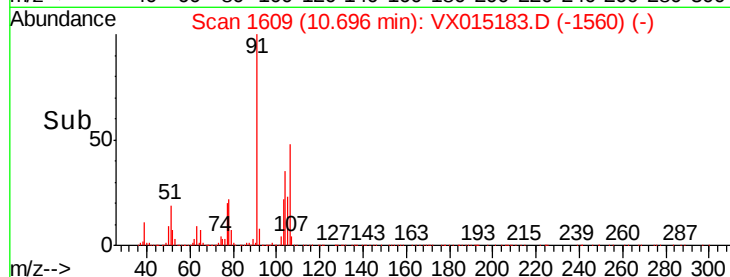
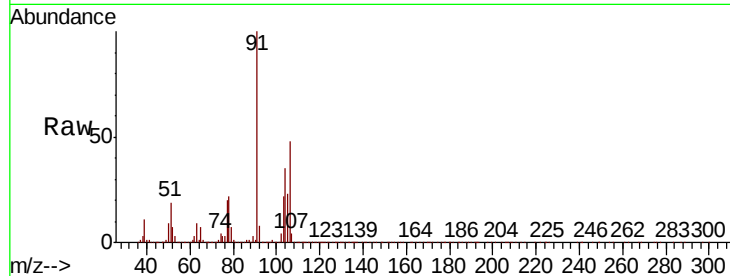




#69
o-Xylene
Concen: 52.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

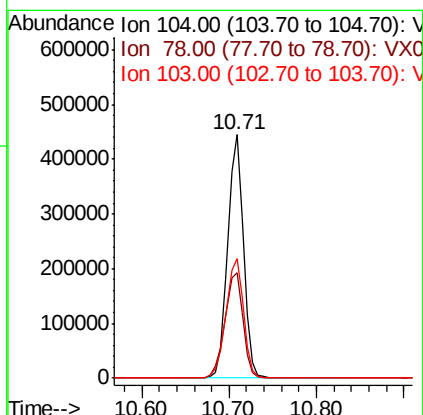
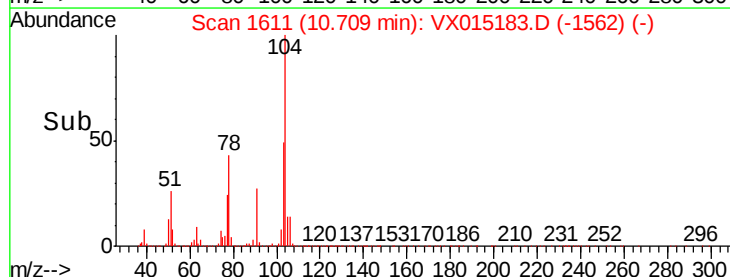
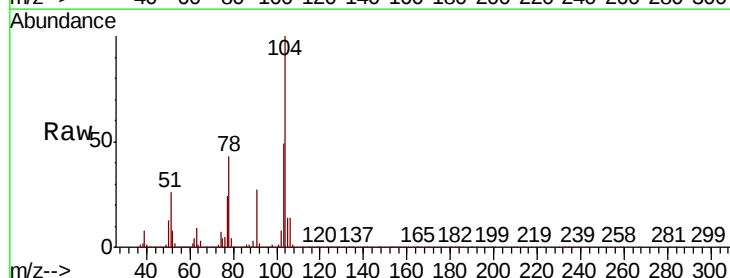
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

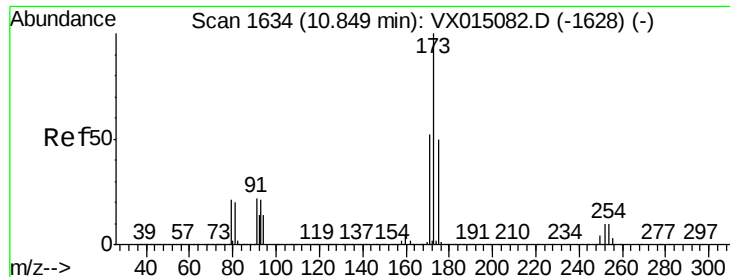
Tot Ion:106 Resp: 321394
Ion Ratio Lower Upper
106 100
91 209.7 105.4 316.1



#70
Styrene
Concen: 53.059 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion:104 Resp: 557907
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 54.2 43.7 65.5





#71

Bromoform

Concen: 51.438 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

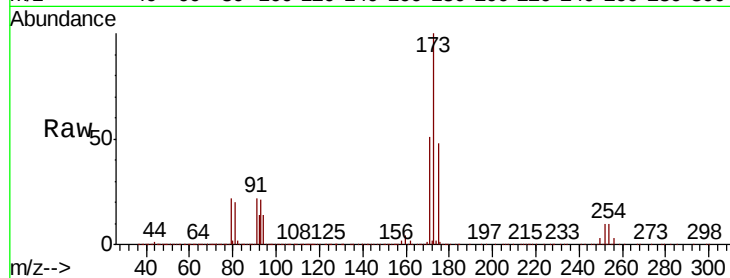
Tot Ion:173 Resp: 149117

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

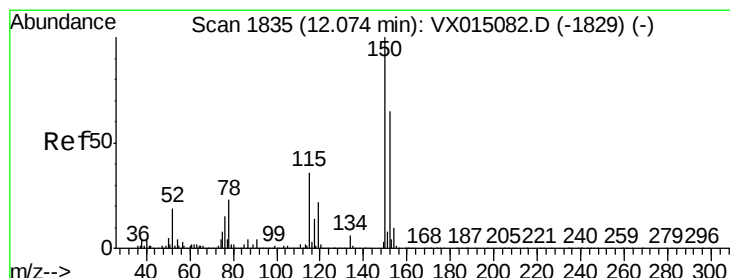
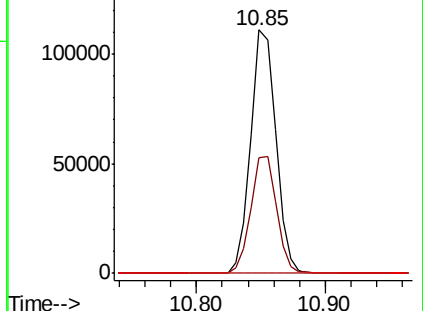
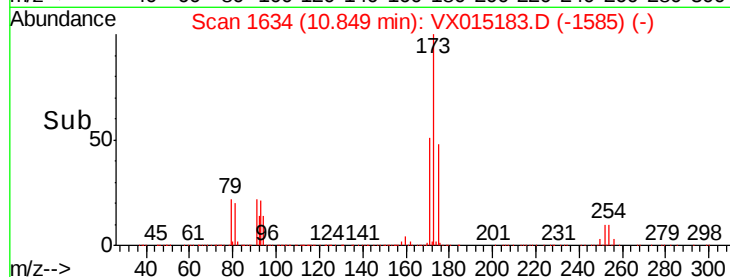
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

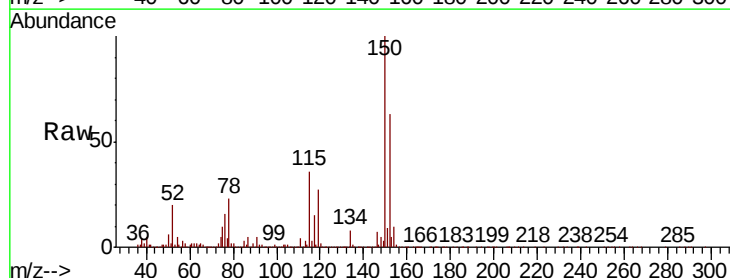
Tgt Ion:152 Resp: 266838

Ion Ratio Lower Upper

152 100

115 75.7 38.2 114.6

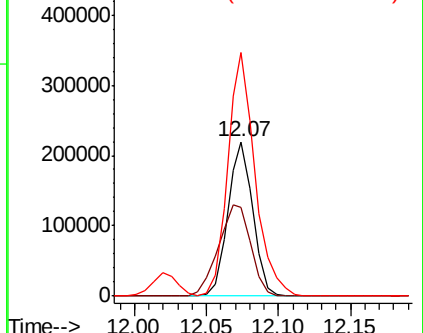
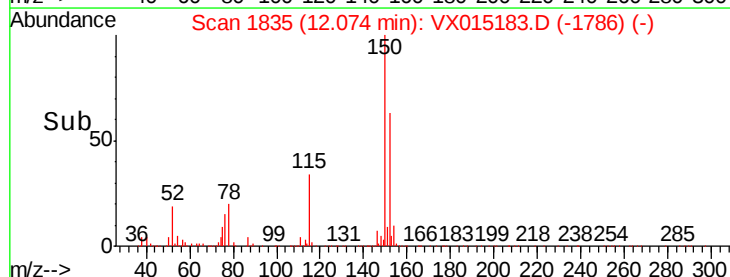
150 171.9 0.0 343.8

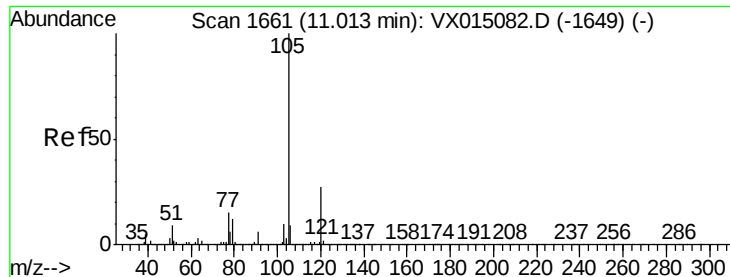


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.801 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

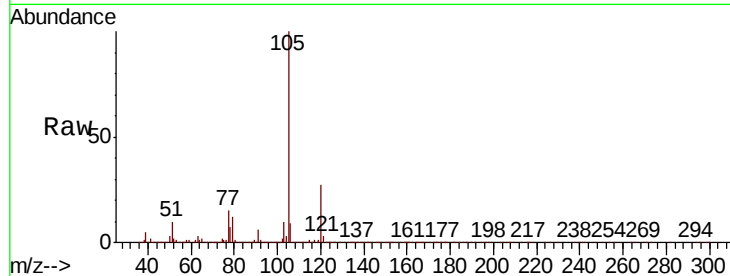
VSTDCCC050EC

Tot Ion:105 Resp: 848897

Ion Ratio Lower Upper

105 100

120 26.9 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

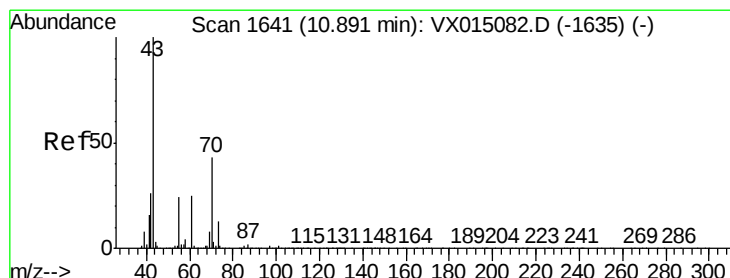
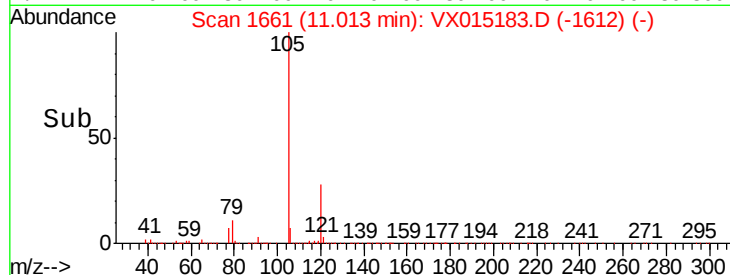
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.163 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion: 43 Resp: 360356

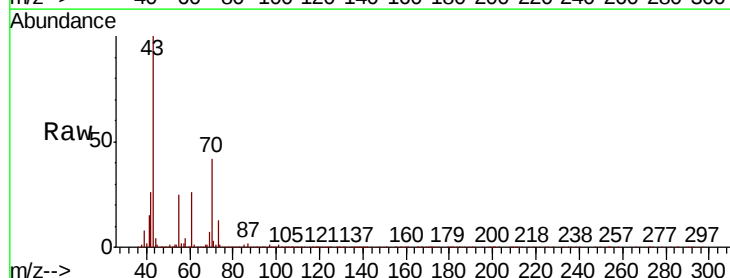
Ion Ratio Lower Upper

43 100

70 42.2 34.7 52.1

55 24.9 19.4 29.0

61 24.7 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

400000

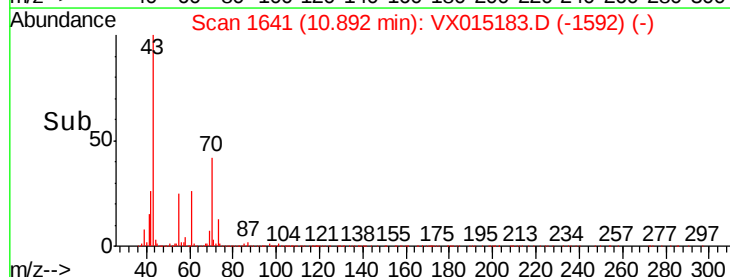
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.095 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

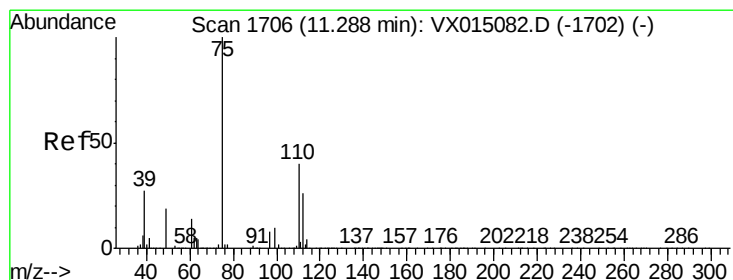
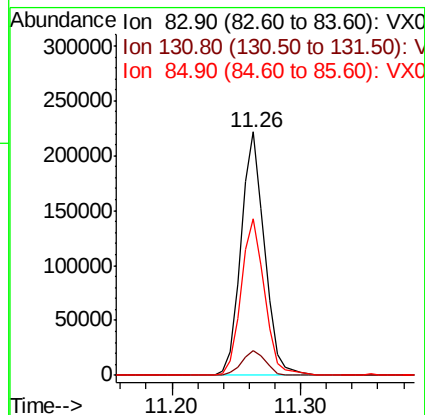
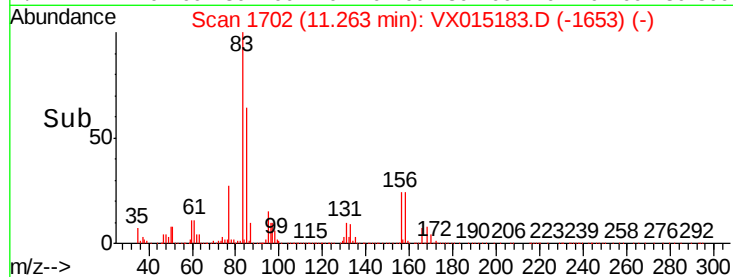
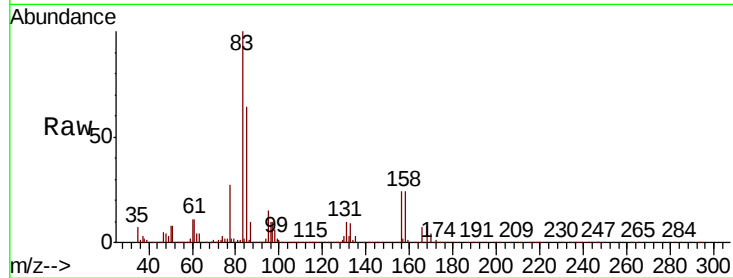
Tot Ion: 83 Resp: 278895

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 59.905 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015183.D

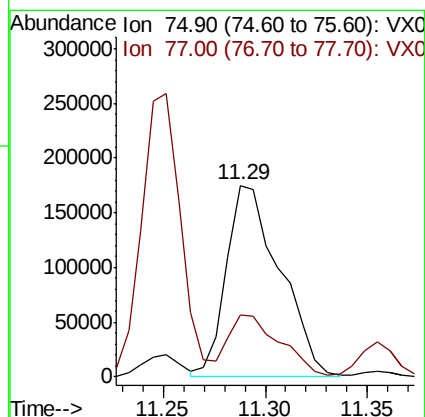
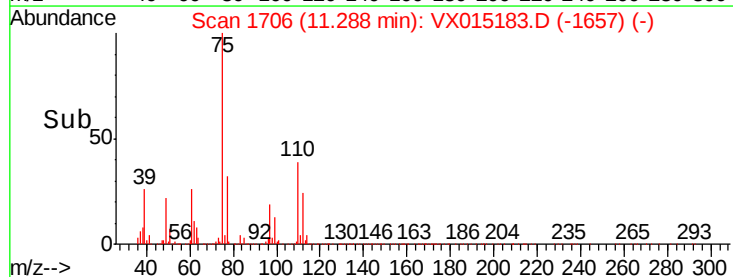
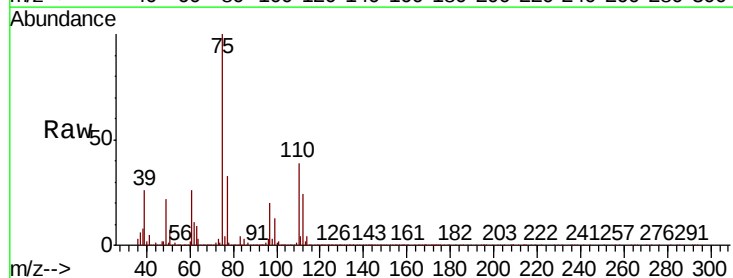
Acq: 10 Mar 2020 19:50

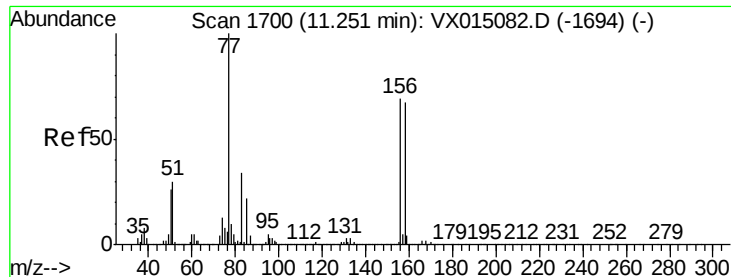
Tgt Ion: 75 Resp: 318849

Ion Ratio Lower Upper

75 100

77 30.8 22.6 67.8





#77

Bromobenzene

Concen: 47.150 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

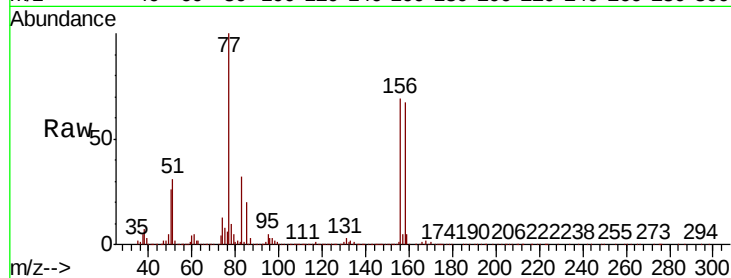
Tot Ion:156 Resp: 223983

Ion Ratio Lower Upper

156 100

77 154.0 75.3 225.9

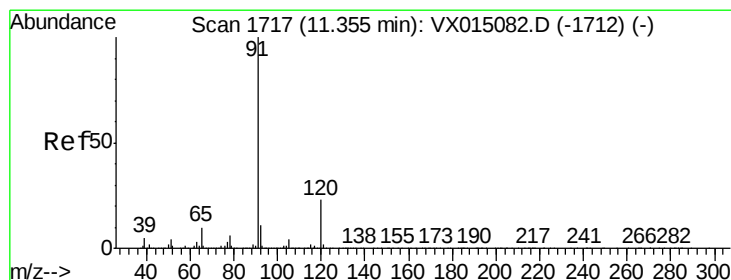
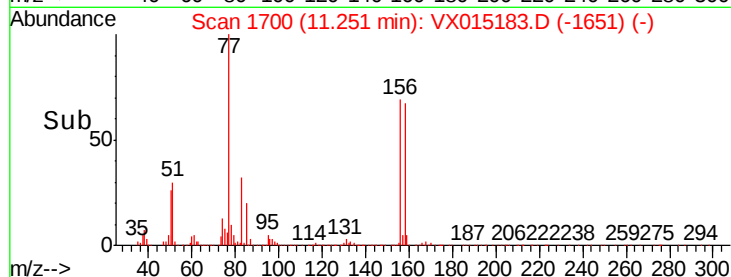
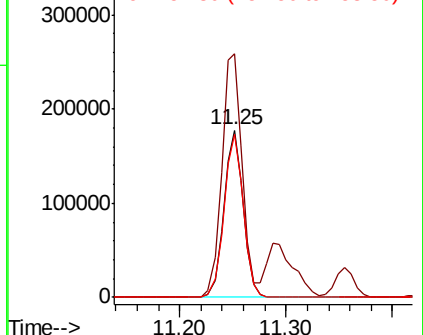
158 97.9 48.5 145.6



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: 50.203 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015183.D

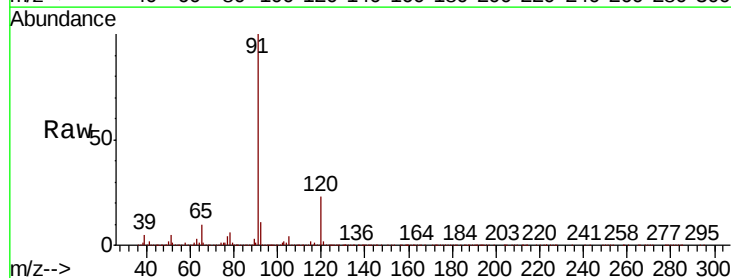
Acq: 10 Mar 2020 19:50

Tgt Ion: 91 Resp: 977667

Ion Ratio Lower Upper

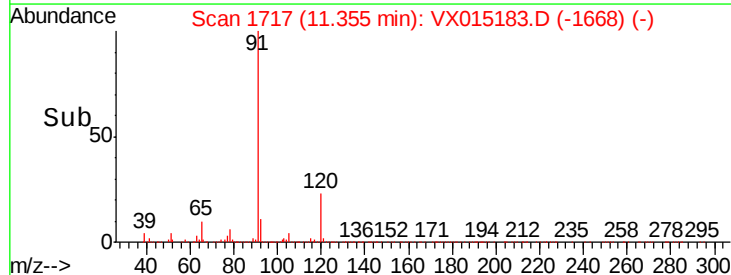
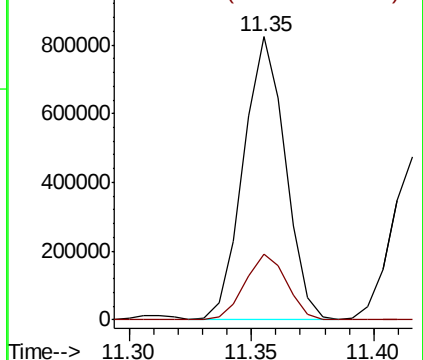
91 100

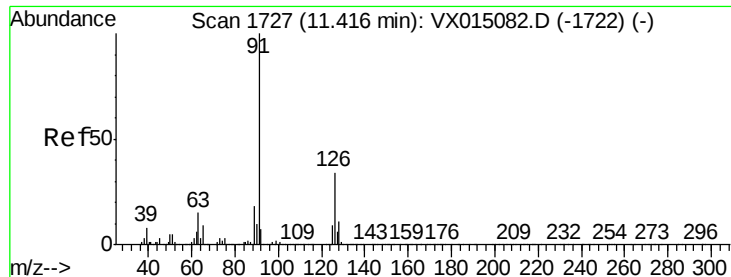
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

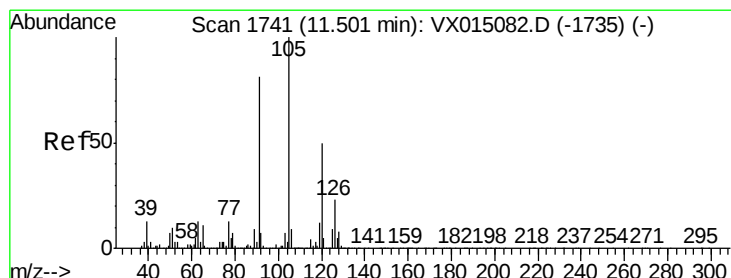
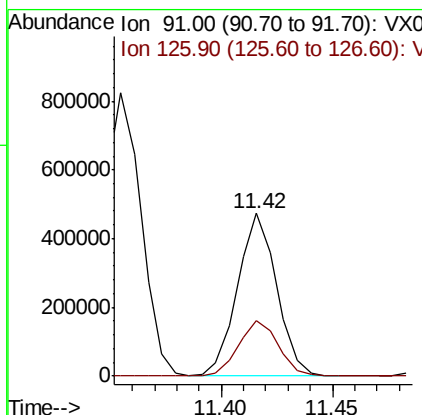
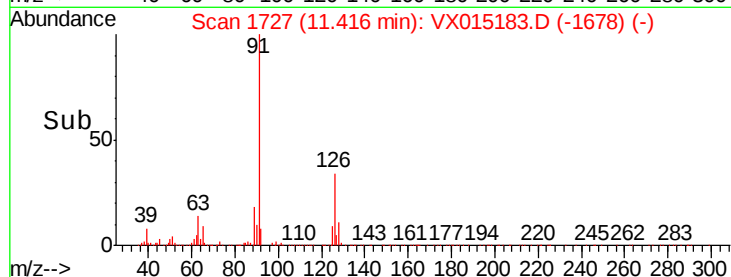
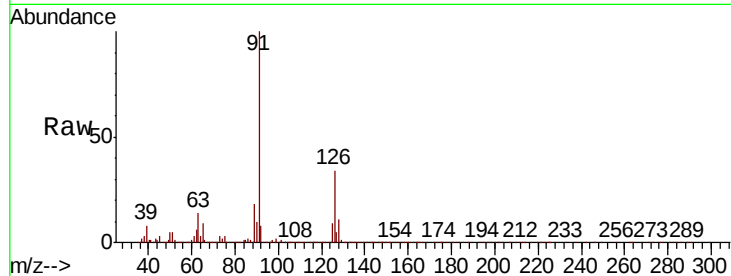




#79
 2-Chlorotoluene
 Concen: 49.691 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

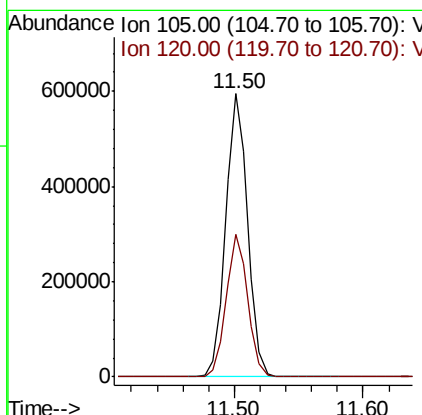
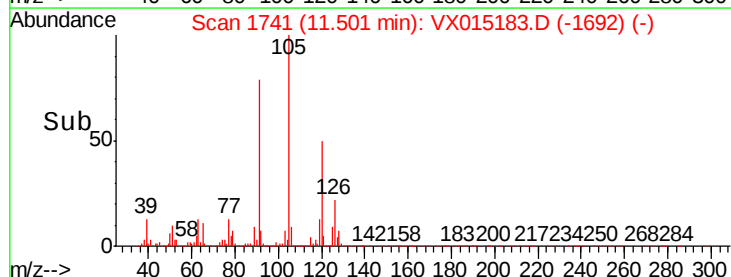
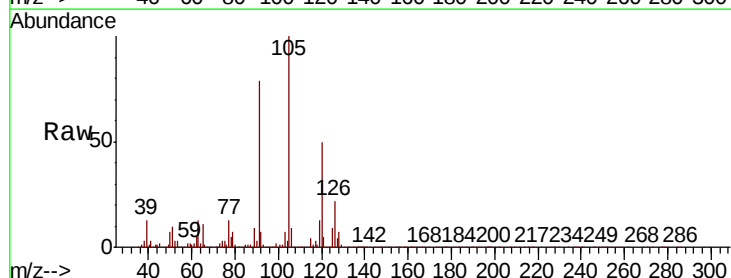
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

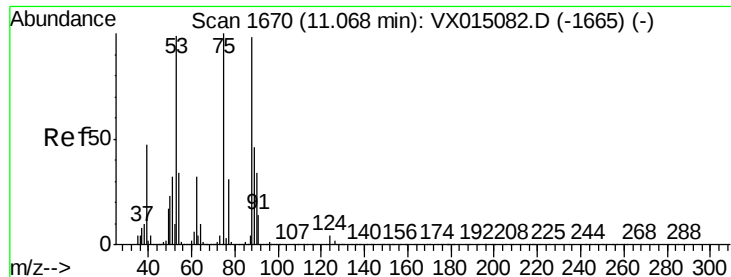
Tot Ion: 91 Resp: 577908
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.046 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion: 105 Resp: 710147
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.164 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

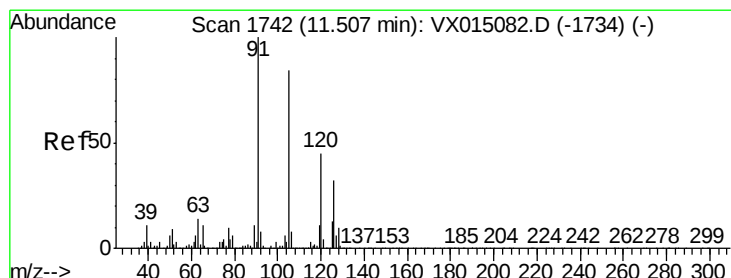
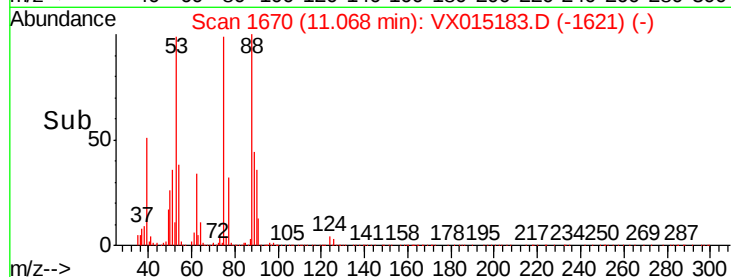
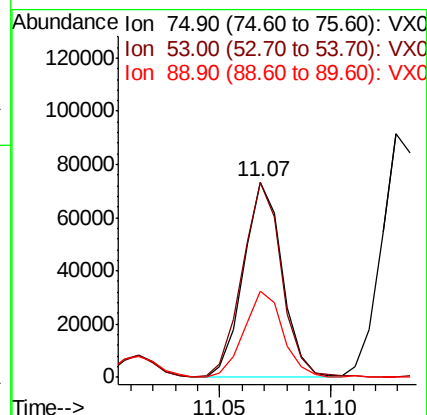
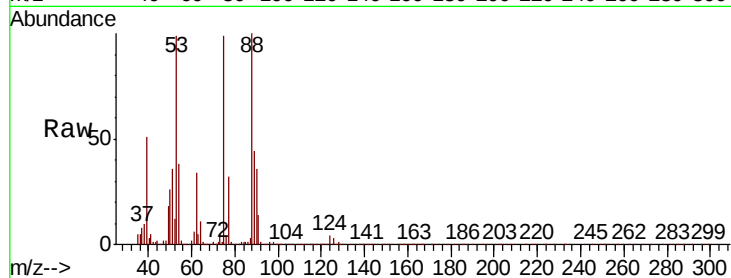
Tot Ion: 75 Resp: 88454

Ion Ratio Lower Upper

75 100

53 100.9 77.9 116.9

89 43.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 48.822 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015183.D

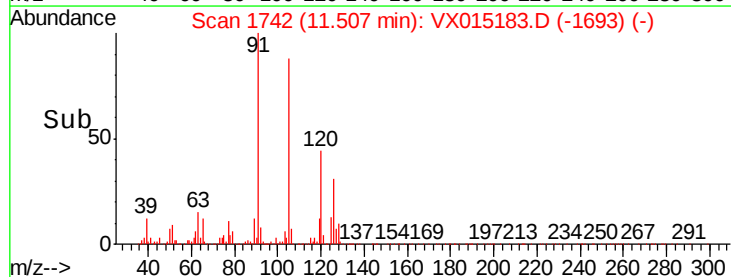
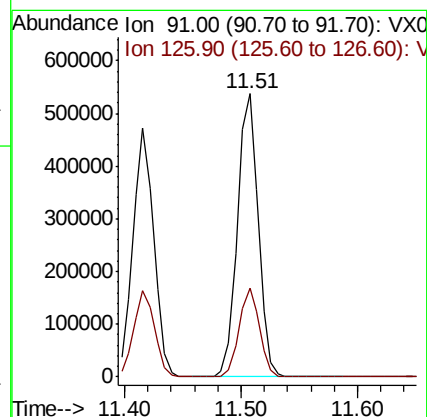
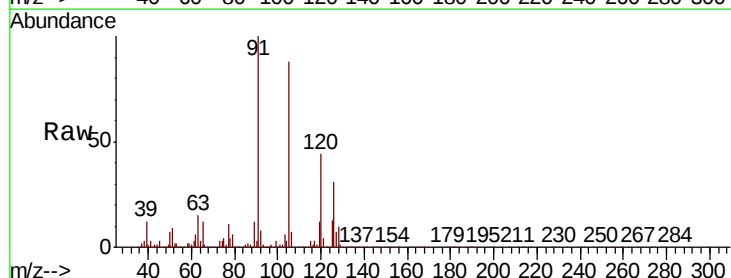
Acq: 10 Mar 2020 19:50

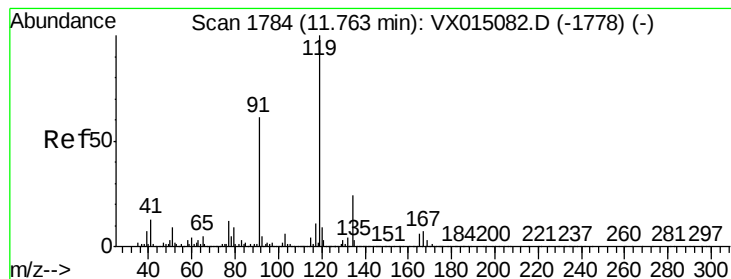
Tgt Ion: 91 Resp: 670814

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 50.456 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

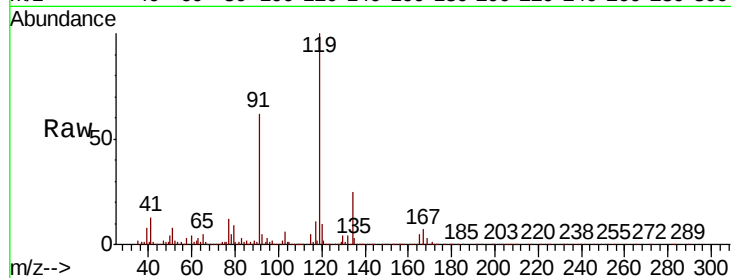
Tot Ion:119 Resp: 692290

Ion Ratio Lower Upper

119 100

91 56.3 28.5 85.6

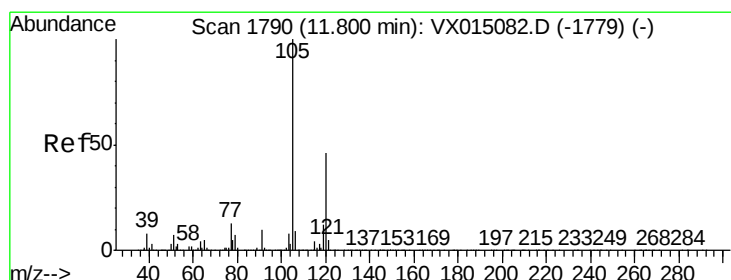
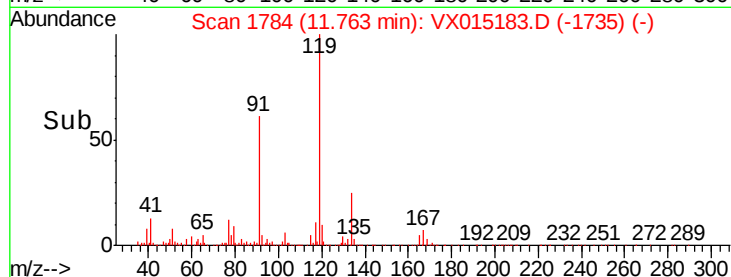
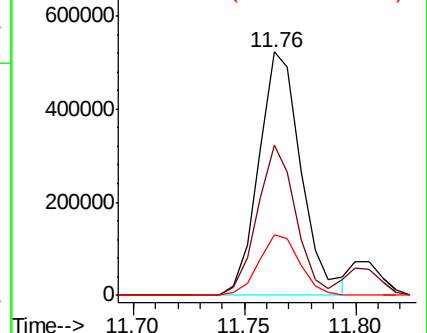
134 24.0 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.988 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015183.D

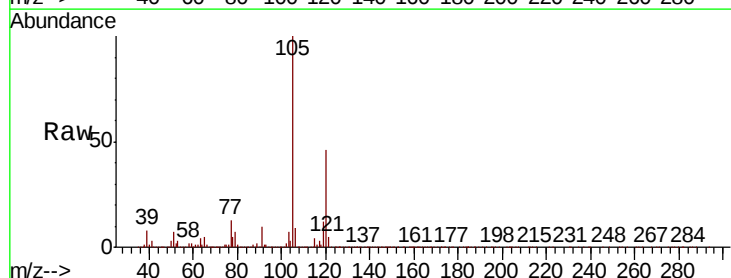
Acq: 10 Mar 2020 19:50

Tgt Ion:105 Resp: 726845

Ion Ratio Lower Upper

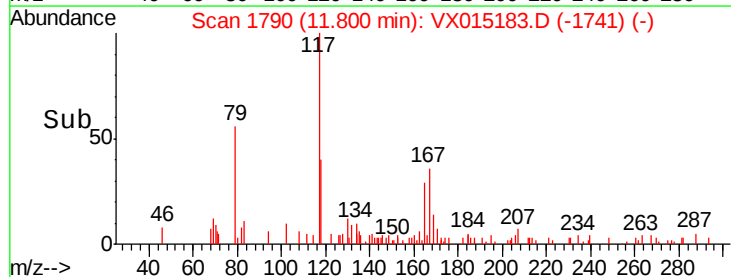
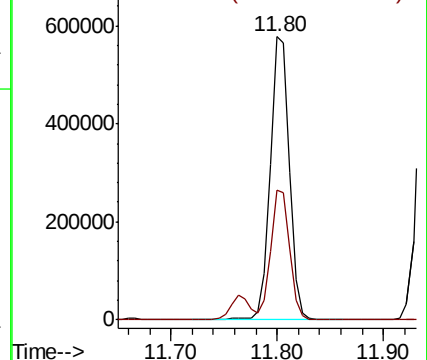
105 100

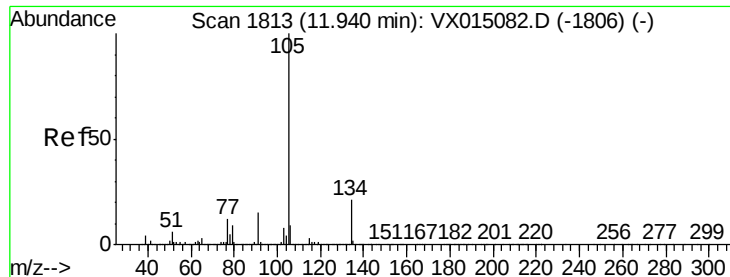
120 45.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.335 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

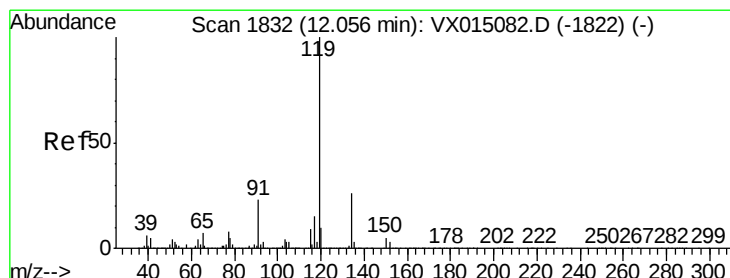
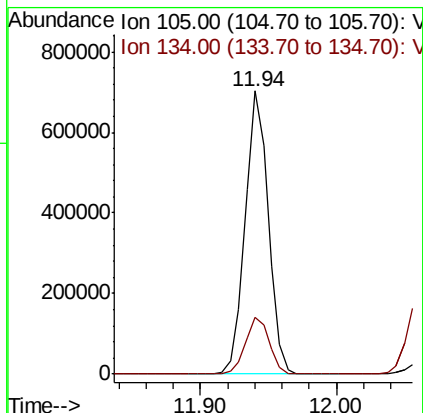
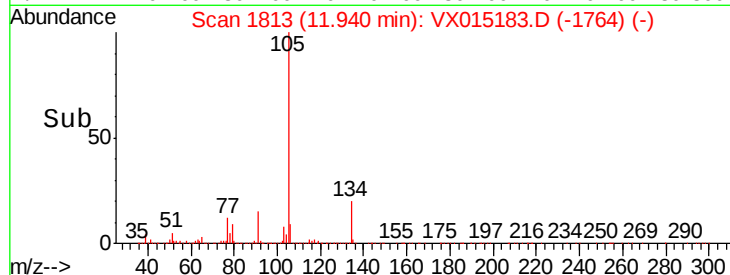
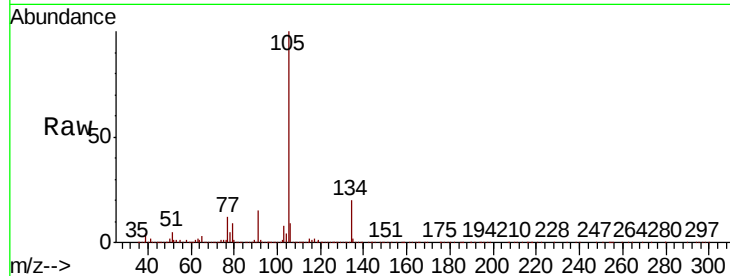
VSTDCCC050EC

Tot Ion:105 Resp: 833706

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 50.415 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

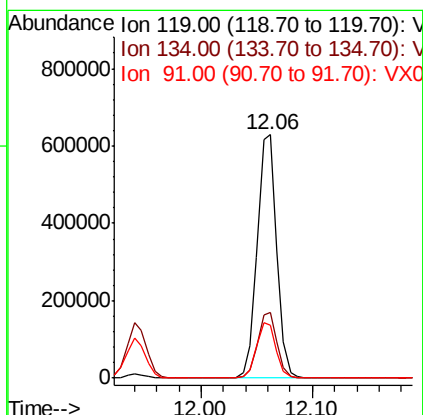
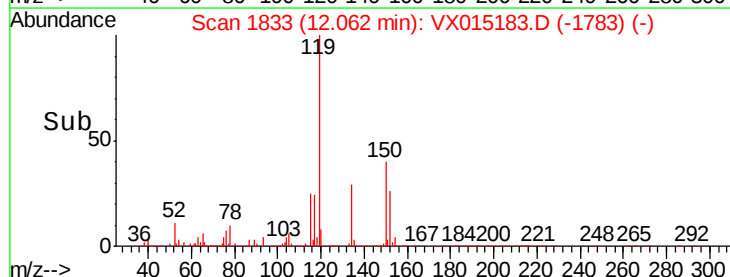
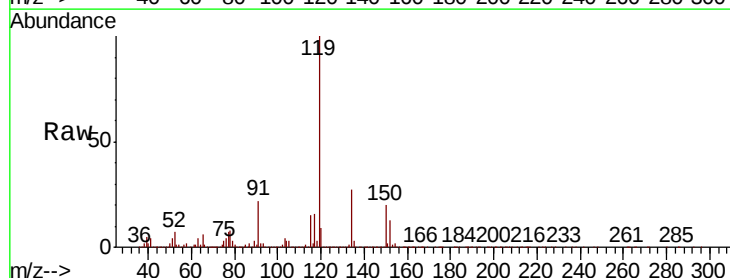
Tgt Ion:119 Resp: 769335

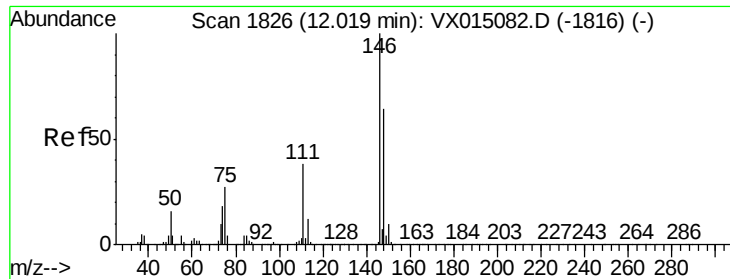
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.831 ug/l

RT: 12.02 min Scan# 1826

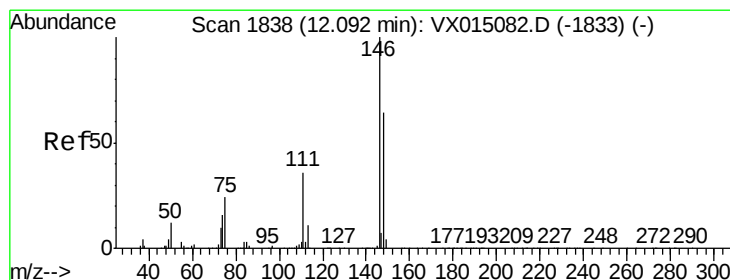
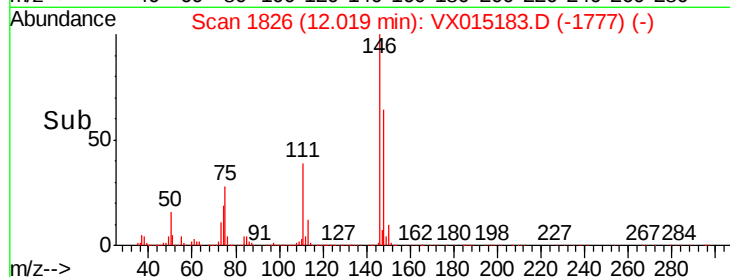
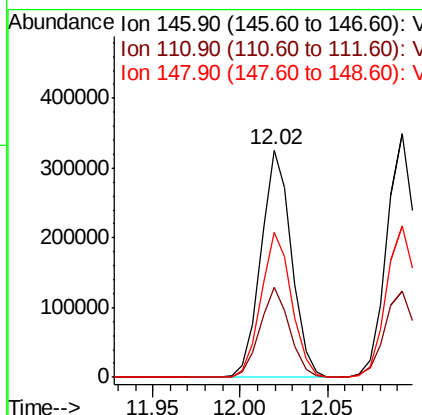
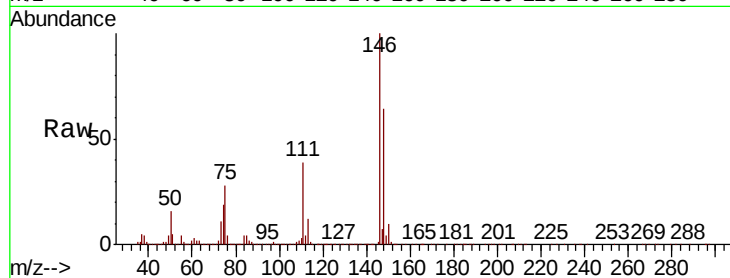
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	63.9	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 46.826 ug/l

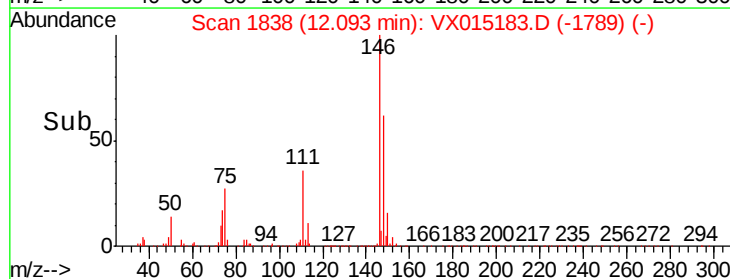
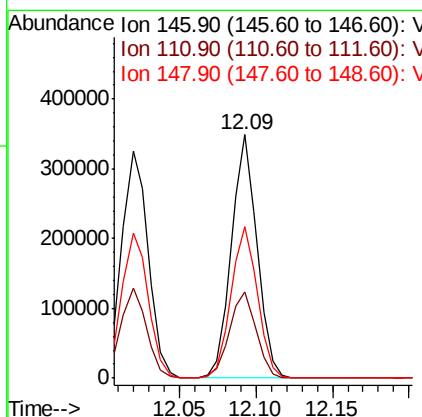
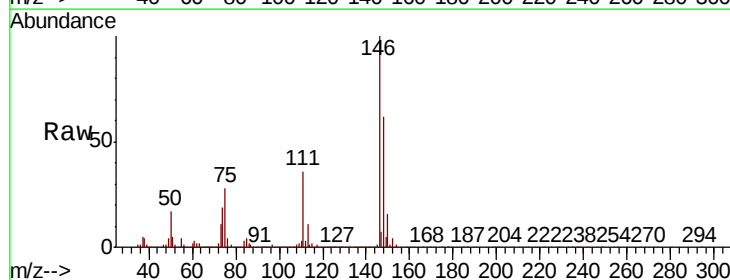
RT: 12.09 min Scan# 1838

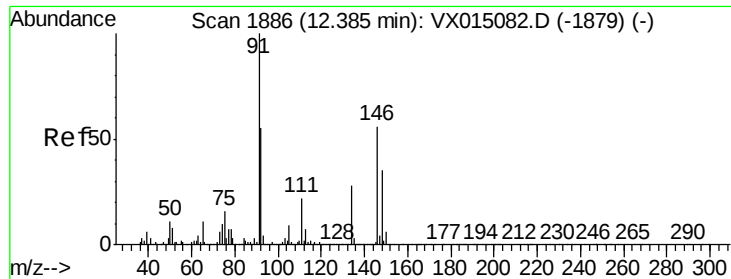
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.9	32.5	97.4

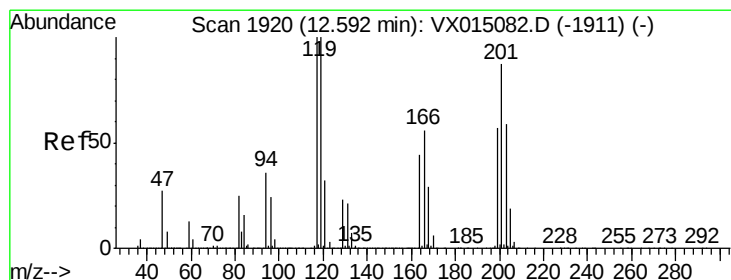
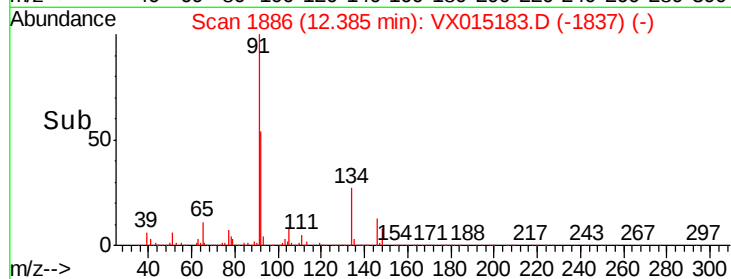
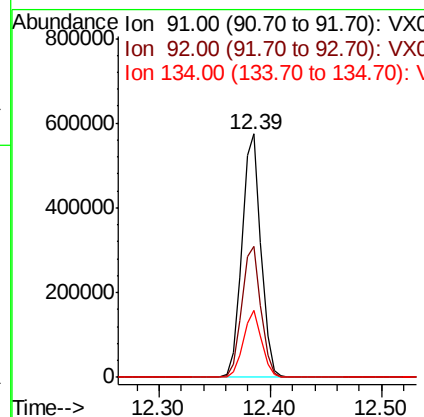
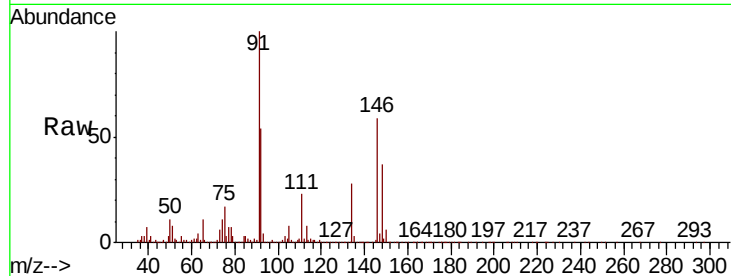




#89
n-Butylbenzene
Concen: 49.766 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

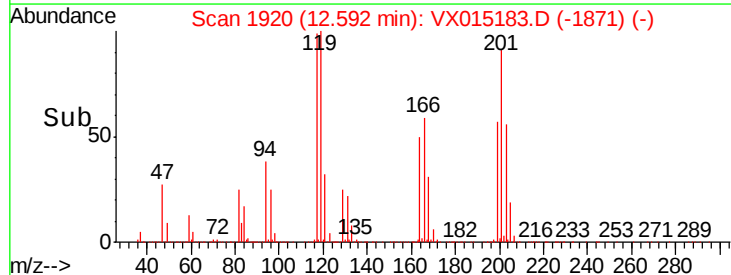
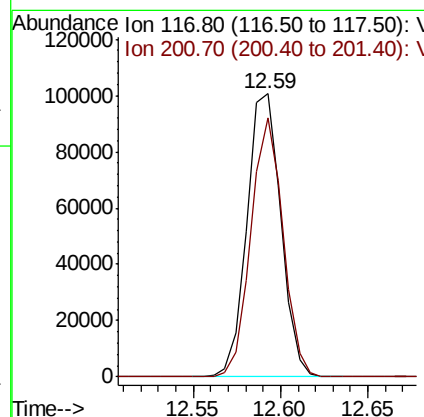
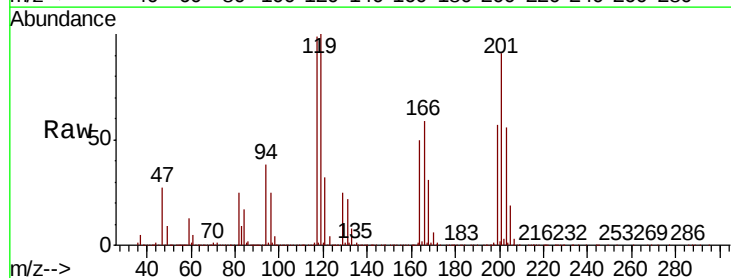
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

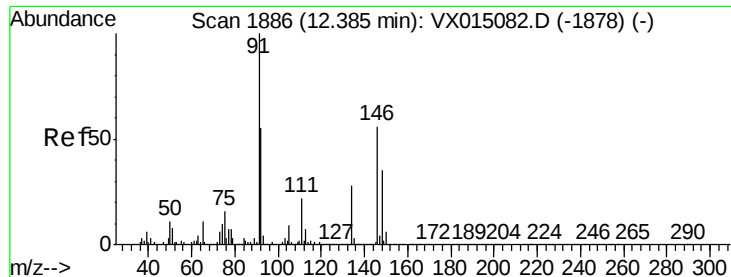
Tot Ion: 91 Resp: 675441
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.6
134 26.4 13.5 40.5



#90
Hexachloroethane
Concen: 46.830 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 117 Resp: 135104
Ion Ratio Lower Upper
117 100
201 87.0 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 48.563 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

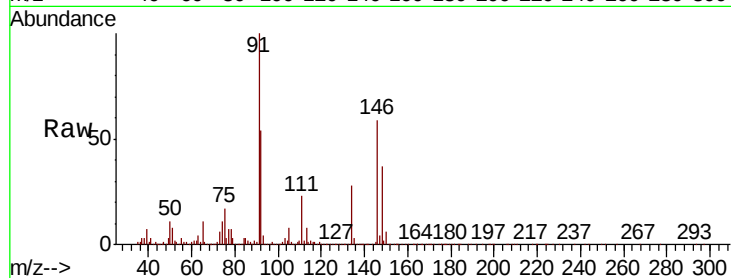
Tot Ion:146 Resp: 403202

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

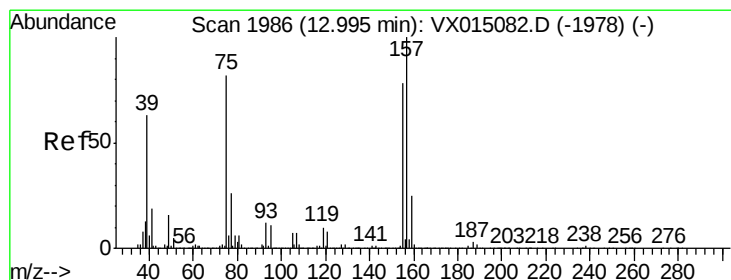
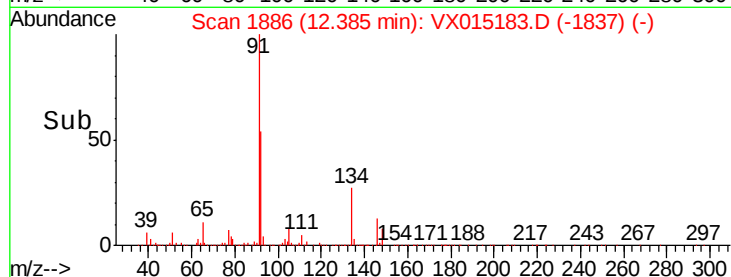
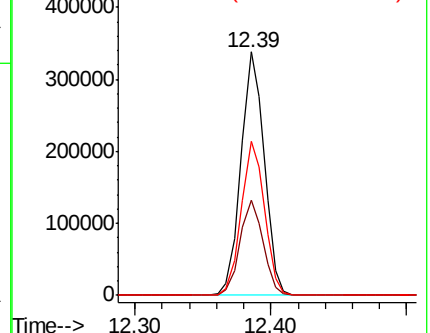
148 63.3 32.3 96.8



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: 51.360 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

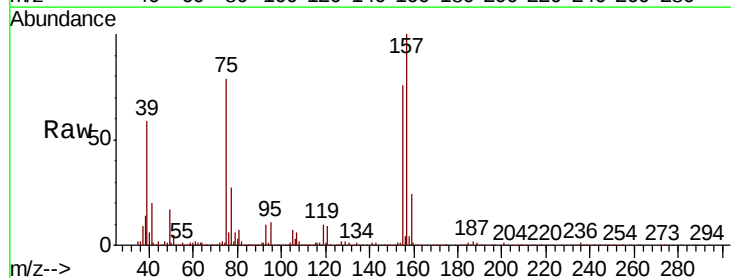
Tgt Ion: 75 Resp: 58424

Ion Ratio Lower Upper

75 100

155 97.6 46.6 139.7

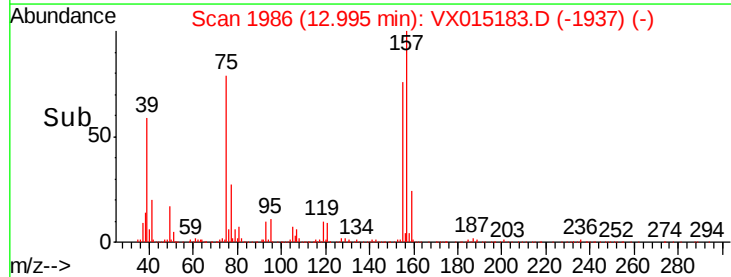
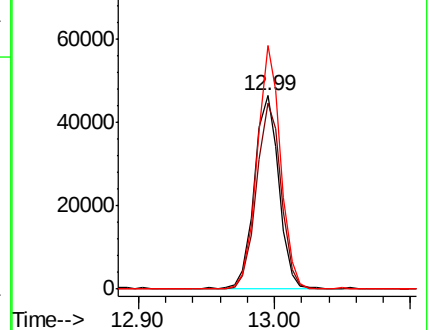
157 120.8 59.2 177.5

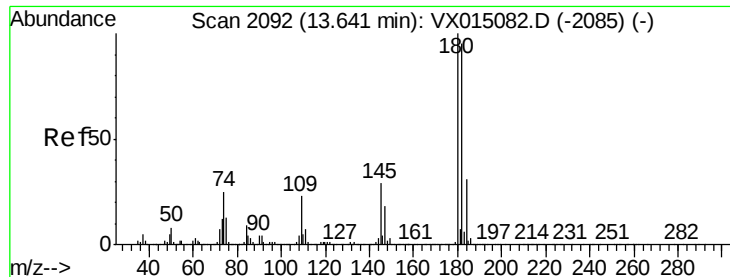


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

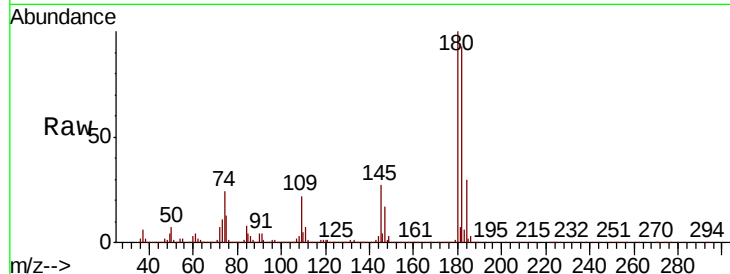




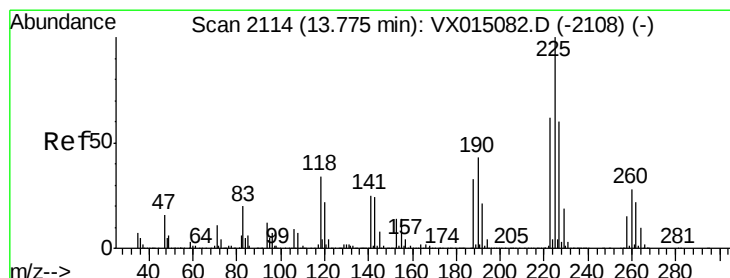
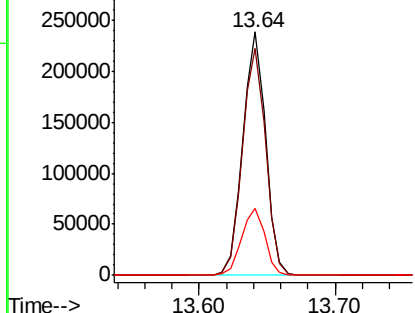
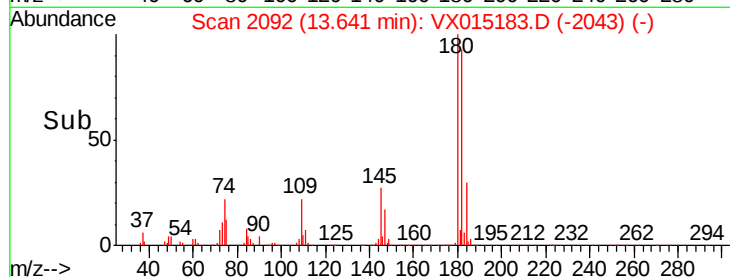
#93
 1,2,4-Trichlorobenzene
 Concen: 48.394 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 278908
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.2 14.1 42.2

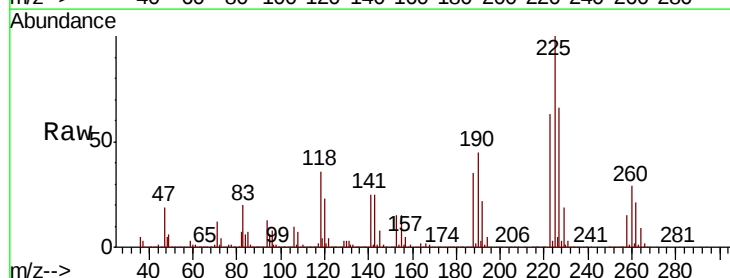


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

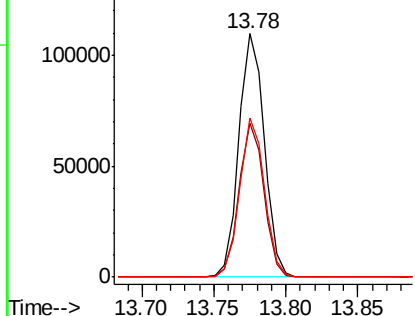
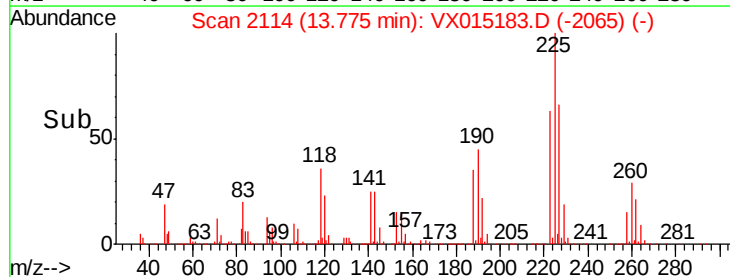


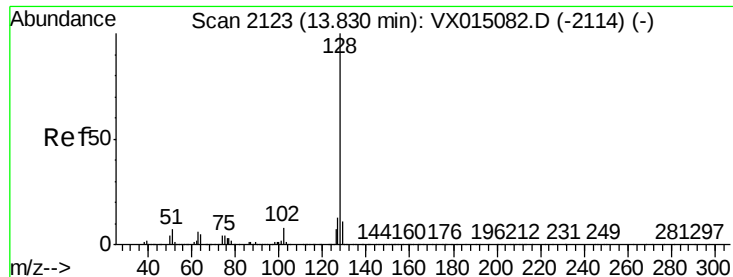
#94
 Hexachlorobutadiene
 Concen: 45.601 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion:225 Resp: 134860
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.9
 227 63.4 31.1 93.2



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





#95

Naphthalene

Concen: 47.531 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

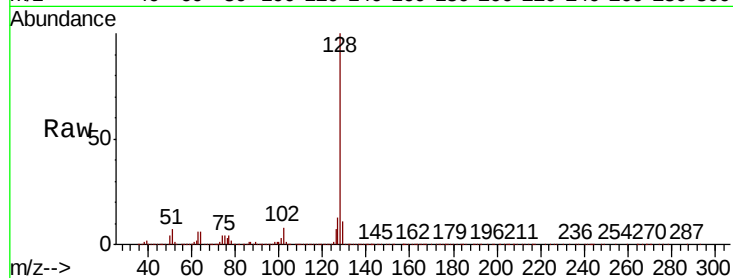
Tot Ion:128 Resp: 838245

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

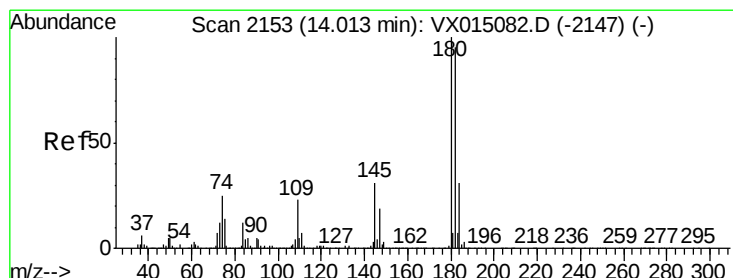
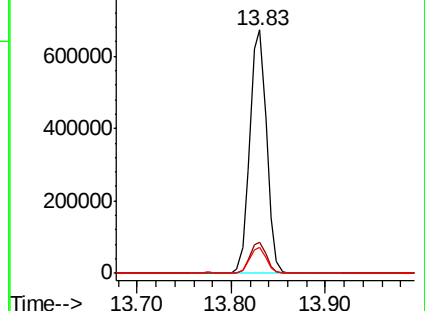
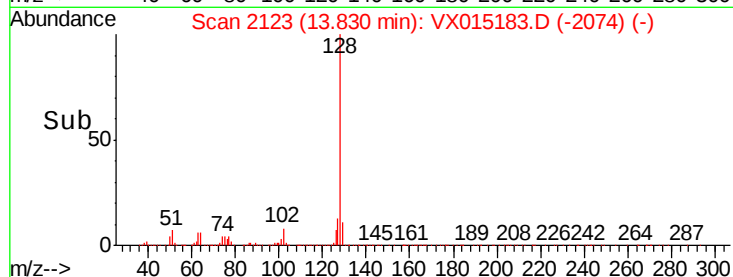
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.597 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

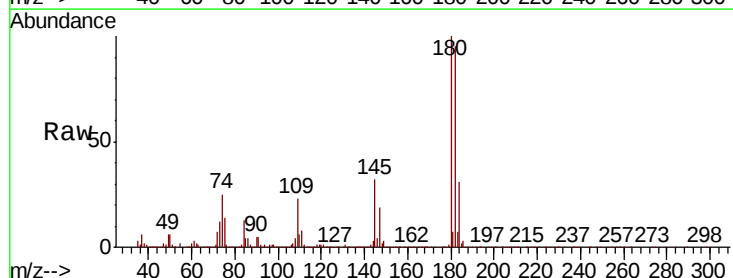
Tgt Ion:180 Resp: 279440

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.4

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

