

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017433.D
 Acq On : 20 Jul 2020 12:17
 Operator : JC/SP
 Sample : VX0720WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Quant Time: Jul 21 02:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185890	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.46	113	152368	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.70	98	545711	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	213890	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50116	20.686	ug/l	97
3) Chloromethane	1.32	50	52313	19.180	ug/l	98
4) Vinyl Chloride	1.39	62	51664	19.147	ug/l	96
5) Bromomethane	1.63	94	34086	19.405	ug/l	92
6) Chloroethane	1.71	64	33773	19.830	ug/l	100
7) Trichlorofluoromethane	1.92	101	87173	19.141	ug/l	94
8) Diethyl Ether	2.17	74	30993	19.252	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49795	19.194	ug/l	98
10) Methyl Iodide	2.49	142	57063	18.182	ug/l	99
11) Tert butyl alcohol	3.01	59	61112	100.939	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46234	17.744	ug/l	92
13) Acrolein	2.27	56	7111	21.426	ug/l	99
14) Allyl chloride	2.70	41	90182	19.975	ug/l	98
15) Acrylonitrile	3.11	53	145334	99.023	ug/l	99
16) Acetone	2.42	43	123586	96.401	ug/l	100
17) Carbon Disulfide	2.55	76	144795	19.050	ug/l	100
18) Methyl Acetate	2.75	43	65413	20.658	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	180953	20.453	ug/l	97
20) Methylene Chloride	2.83	84	60335	19.289	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	57400	19.255	ug/l	95
22) Diisopropyl ether	3.82	45	183885	21.382	ug/l	93
23) Vinyl Acetate	3.78	43	795961	105.239	ug/l	99
24) 1,1-Dichloroethane	3.67	63	101869	20.155	ug/l	98
25) 2-Butanone	4.63	43	203386	99.885	ug/l	99
26) 2,2-Dichloropropane	4.55	77	88840	18.887	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	65840	20.140	ug/l	97
28) Bromochloromethane	4.98	49	48912	20.949	ug/l	98
29) Tetrahydrofuran	5.09	42	130371	98.911	ug/l	98
30) Chloroform	5.17	83	106391	19.565	ug/l	100
31) Cyclohexane	5.55	56	82558	19.953	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	97116	19.319	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75671	18.934	ug/l	99
37) Ethyl Acetate	4.79	43	79117	19.143	ug/l	98
38) Carbon Tetrachloride	5.75	117	88097	18.827	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0720WBSD01

Quant Time: Jul 21 02:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82796	19.078	ug/l	98
40) Benzene	6.11	78	224372	19.535	ug/l	98
41) Methacrylonitrile	5.00	41	43968	19.816	ug/l	99
42) 1,2-Dichloroethane	6.16	62	89793	20.122	ug/l	100
43) Isopropyl Acetate	6.41	43	130464	19.755	ug/l	99
44) Trichloroethene	7.18	130	66430	18.935	ug/l	99
45) 1,2-Dichloropropane	7.49	63	59157	20.129	ug/l	98
46) Dibromomethane	7.63	93	41972	19.803	ug/l	97
47) Bromodichloromethane	7.87	83	87235	19.686	ug/l	97
48) Methyl methacrylate	7.74	41	61247	19.326	ug/l	100
49) 1,4-Dioxane	7.71	88	27121	418.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	403155	100.115	ug/l	99
52) Toluene	8.76	92	143216	19.431	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	92822	19.444	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	101145	19.865	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62648	20.384	ug/l	99
56) Ethyl methacrylate	9.16	69	83713	19.185	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101311	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	230636	104.099	ug/l	97
59) 2-Hexanone	9.47	43	298346	98.161	ug/l	98
60) Dibromochloromethane	9.56	129	72306	19.258	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65634	19.631	ug/l	98
64) Tetrachloroethene	9.32	164	62657	17.765	ug/l	94
65) Chlorobenzene	10.12	112	162545	19.628	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	64177	19.465	ug/l	99
67) Ethyl Benzene	10.23	91	269878	19.576	ug/l	98
68) m/p-Xylenes	10.34	106	210648	40.159	ug/l	99
69) o-Xylene	10.68	106	97470	19.447	ug/l	98
70) Styrene	10.70	104	175967	20.453	ug/l	99
71) Bromoform	10.84	173	54341	19.532	ug/l	99
73) Isopropylbenzene	11.00	105	272049	19.592	ug/l	99
74) N-amyl acetate	10.88	43	110815	19.943	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	88312	20.946	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86744m	21.192	ug/l	
77) Bromobenzene	11.24	156	76079	19.237	ug/l	95
78) n-propylbenzene	11.34	91	311565	19.978	ug/l	99
79) 2-Chlorotoluene	11.40	91	190720	19.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	233188	19.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30713	19.035	ug/l	99
82) 4-Chlorotoluene	11.49	91	225863	19.831	ug/l	98
83) tert-Butylbenzene	11.76	119	227538	19.969	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	238375	20.018	ug/l	100
85) sec-Butylbenzene	11.93	105	261225	19.582	ug/l	100
86) p-Isopropyltoluene	12.05	119	249535	19.769	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136586	19.305	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138628	19.394	ug/l	99
89) n-Butylbenzene	12.37	91	208532	19.372	ug/l	99
90) Hexachloroethane	12.58	117	46371	19.351	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	129613	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19859	17.851	ug/l	95

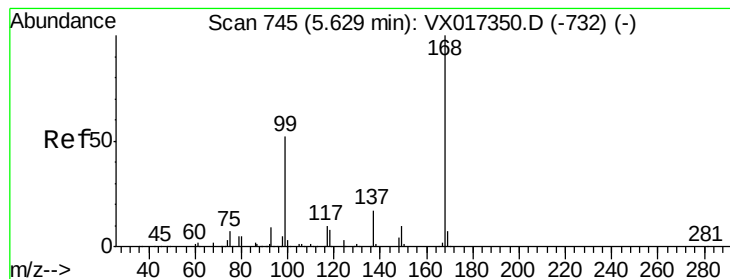
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
Data File : VX017433.D
Acq On : 20 Jul 2020 12:17
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MSVOA_X
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VX0720WBSD01

Quant Time: Jul 21 02:20:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84574	18.325	ug/l	98
94) Hexachlorobutadiene	13.77	225	32707	17.377	ug/l	94
95) Naphthalene	13.82	128	258089	19.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	84704	18.999	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

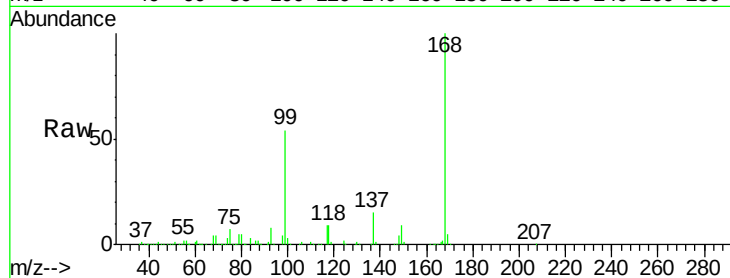
VX0720WBSD01

Tot Ion:168 Resp: 286314

Ion Ratio Lower Upper

168 100

99 53.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

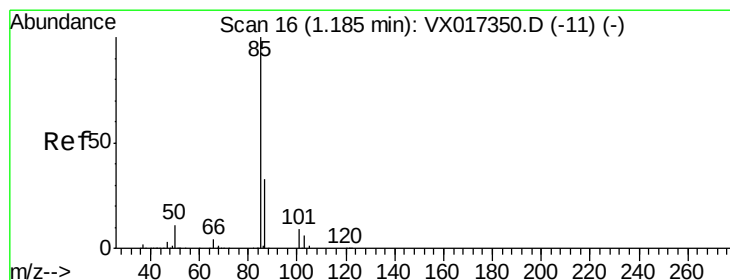
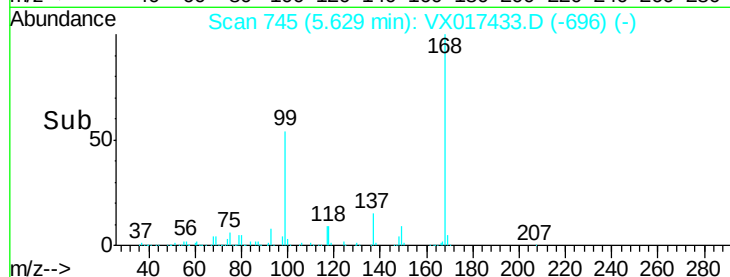
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.686 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017433.D

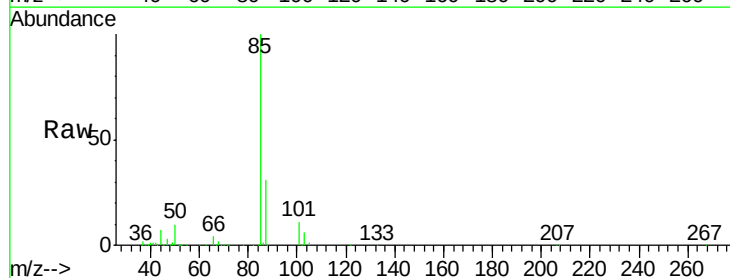
Acq: 20 Jul 2020 12:17

Tgt Ion: 85 Resp: 50116

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

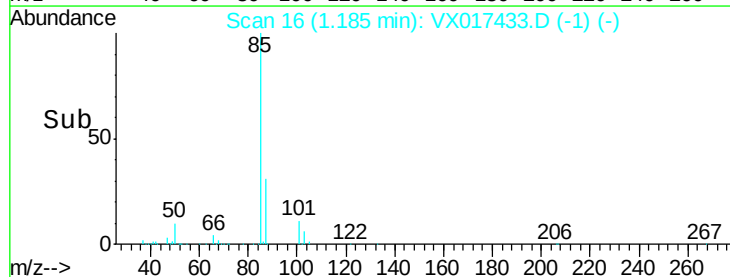
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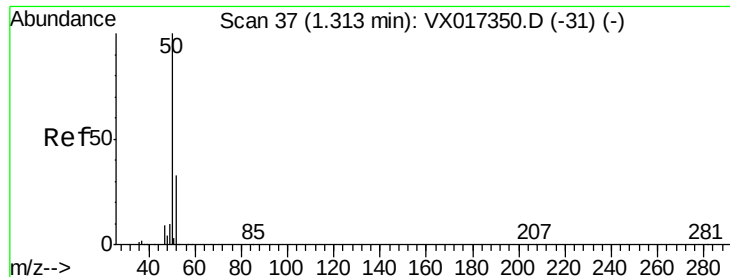
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.180 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

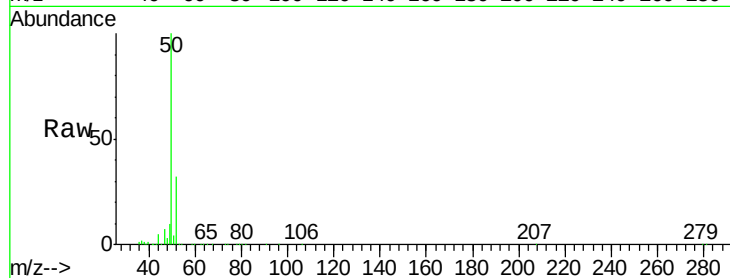
VX0720WBSD01

Tot Ion: 50 Resp: 52313

Ion Ratio Lower Upper

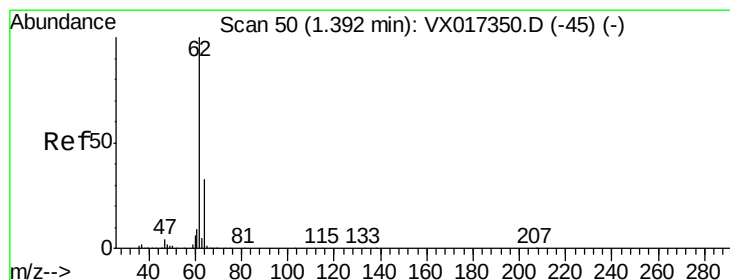
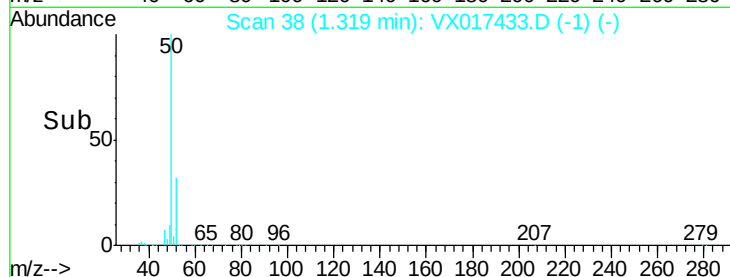
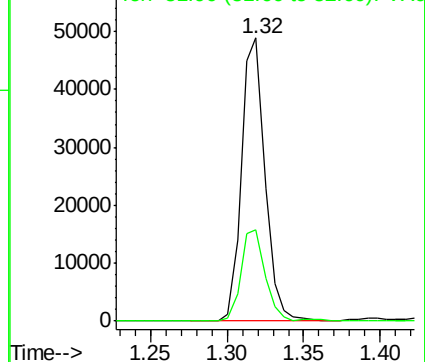
50 100

52 32.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.147 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017433.D

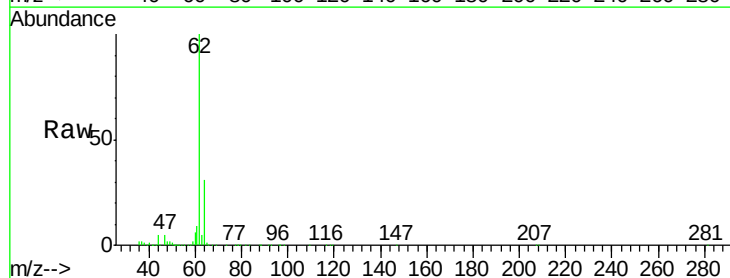
Acq: 20 Jul 2020 12:17

Tgt Ion: 62 Resp: 51664

Ion Ratio Lower Upper

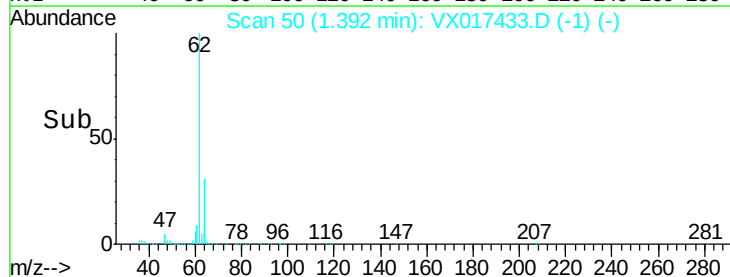
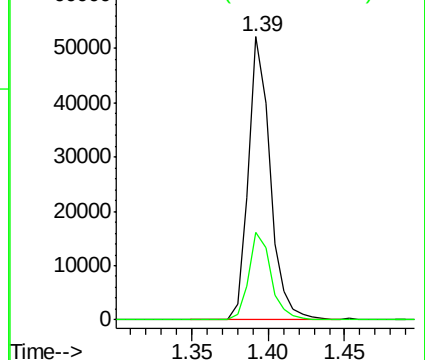
62 100

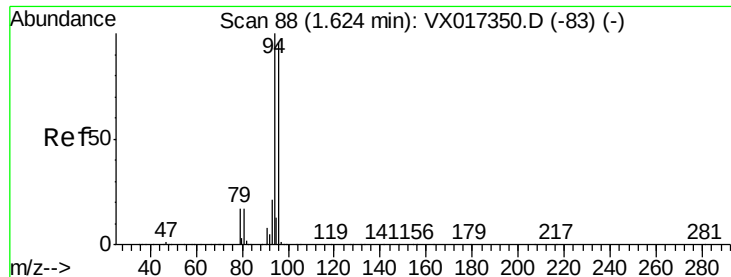
64 30.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.405 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

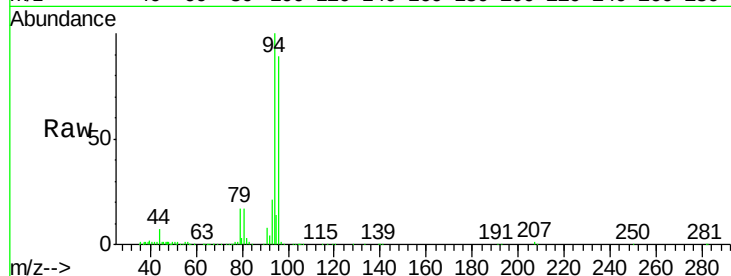
VX0720WBSD01

Tot Ion: 94 Resp: 34086

Ion Ratio Lower Upper

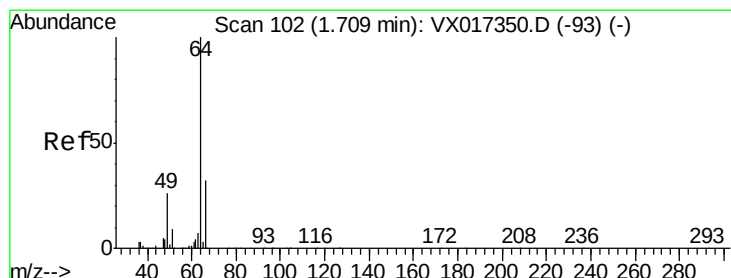
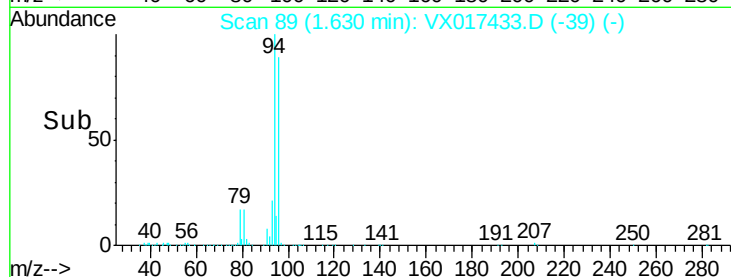
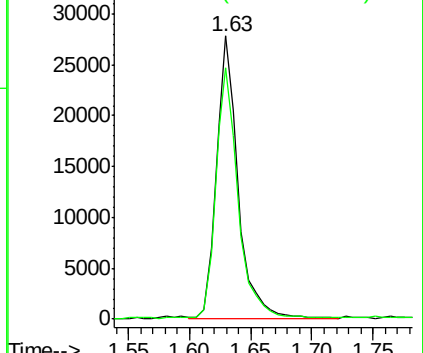
94 100

96 88.4 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.830 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017433.D

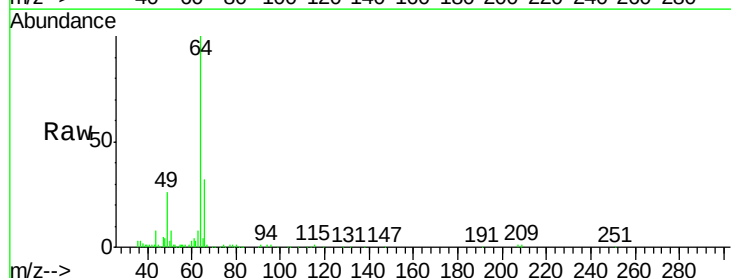
Acq: 20 Jul 2020 12:17

Tgt Ion: 64 Resp: 33773

Ion Ratio Lower Upper

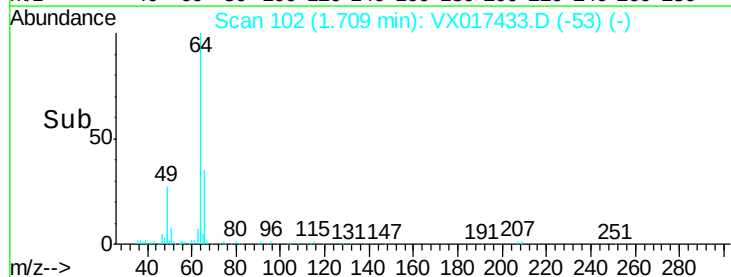
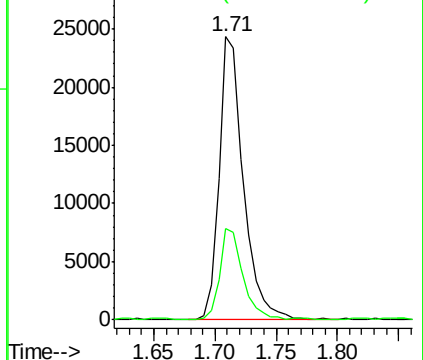
64 100

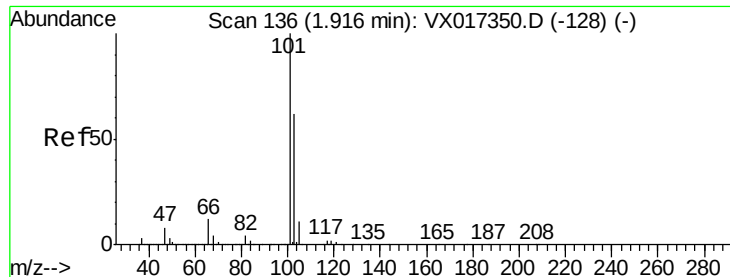
66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



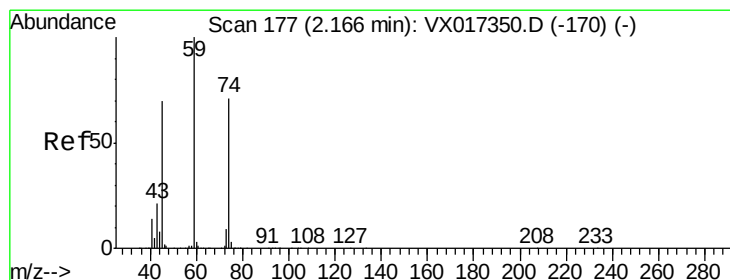
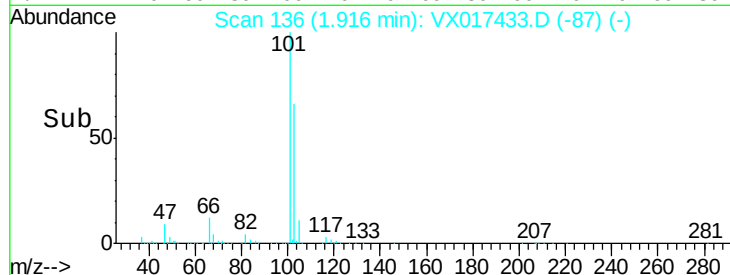
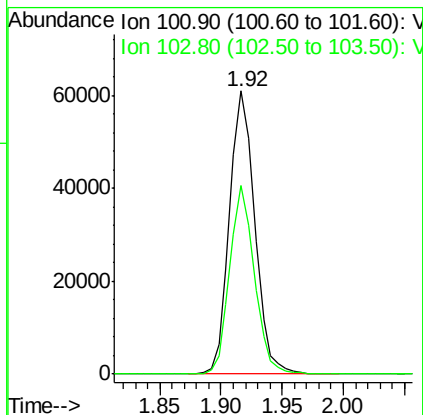
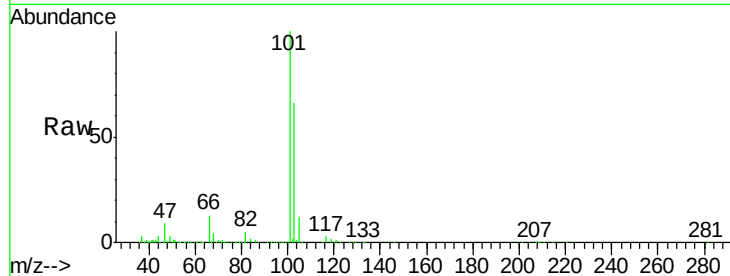


#7

Trichlorofluoromethane
Concen: 19.141 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

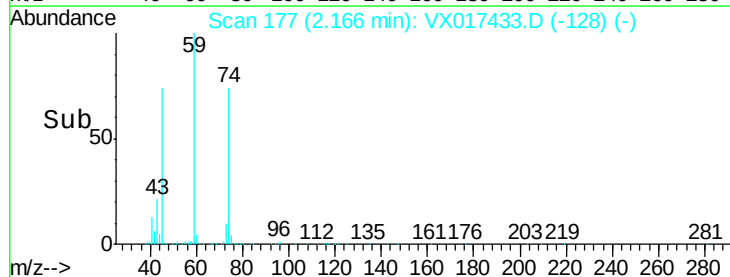
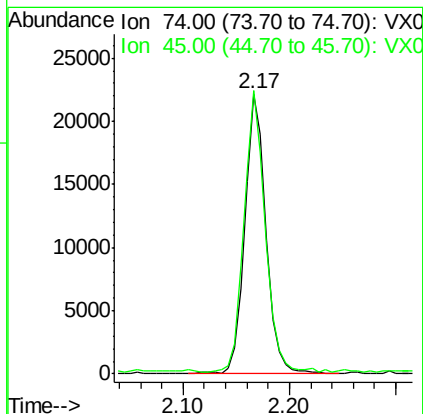
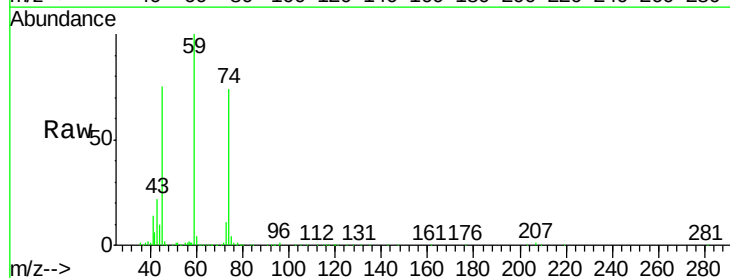
Tot Ion:101 Resp: 87173
Ion Ratio Lower Upper
101 100
103 66.5 49.6 74.4

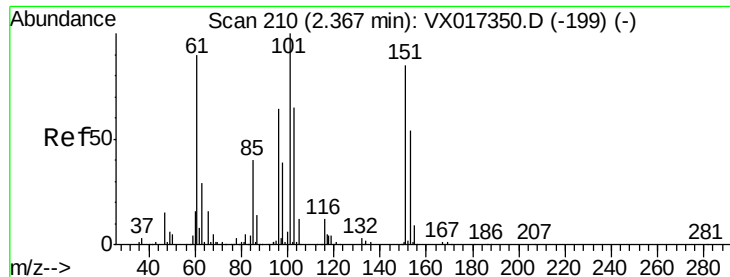


#8

Diethyl Ether
Concen: 19.252 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 74 Resp: 30993
Ion Ratio Lower Upper
74 100
45 100.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.194 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

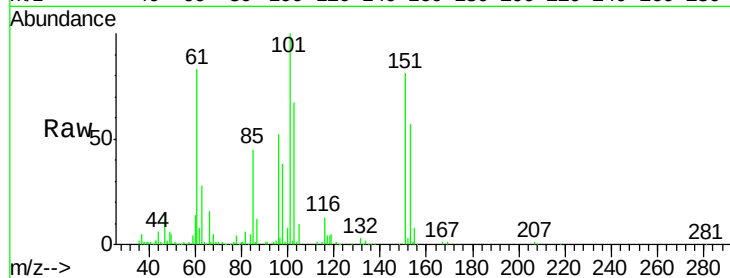
Tot Ion:101 Resp: 49795

Ion Ratio Lower Upper

101 100

85 45.7 33.7 50.5

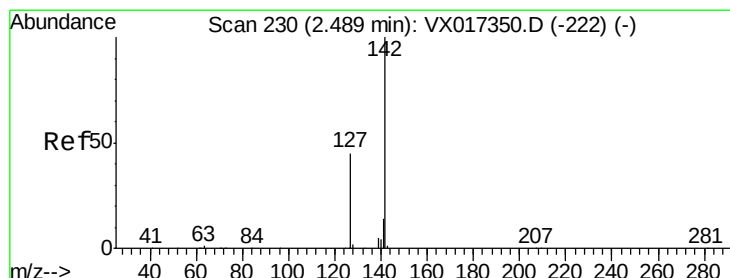
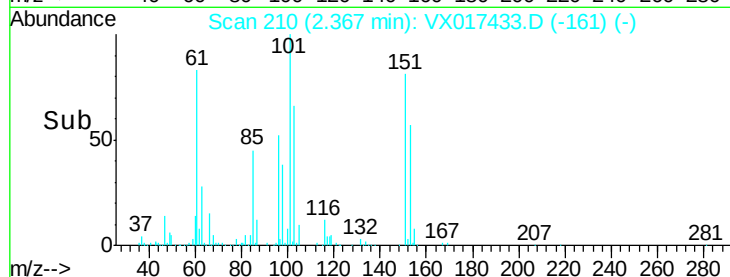
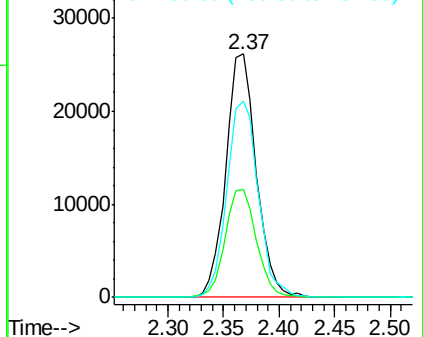
151 82.7 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.182 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

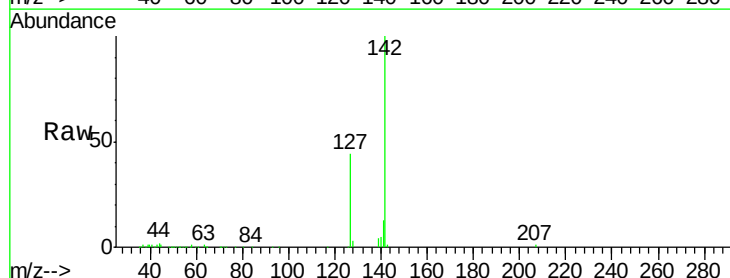
Tgt Ion:142 Resp: 57063

Ion Ratio Lower Upper

142 100

127 44.7 36.8 55.2

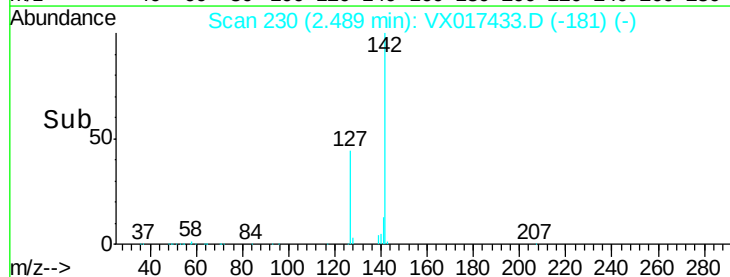
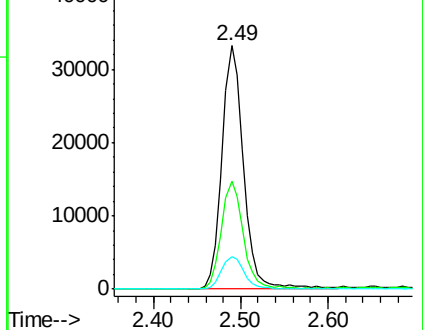
141 14.2 11.4 17.0

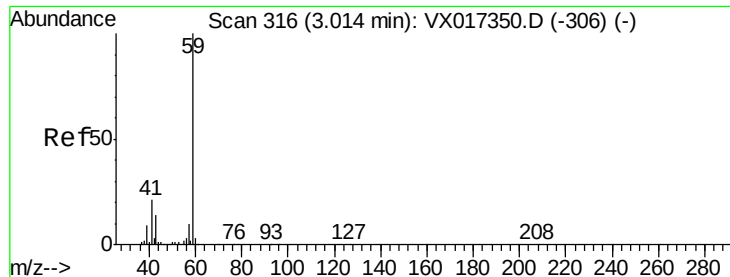


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



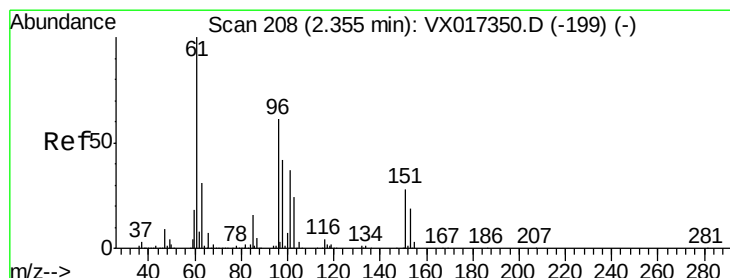
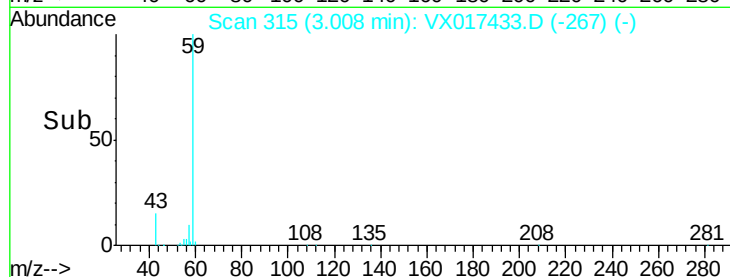
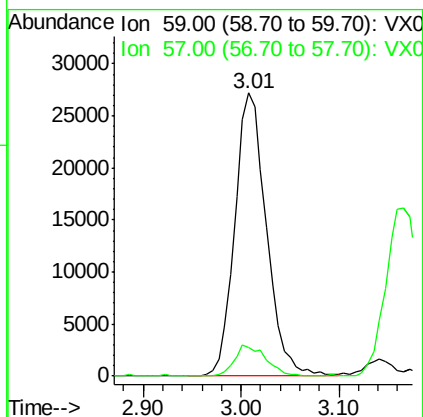
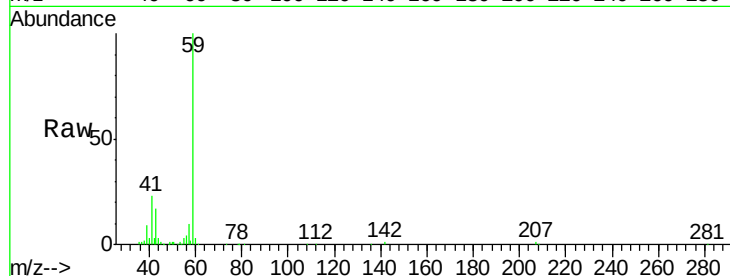


#11

Tert butyl alcohol
 Concen: 100.939 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

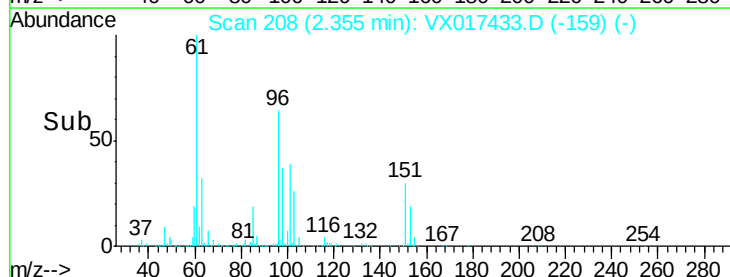
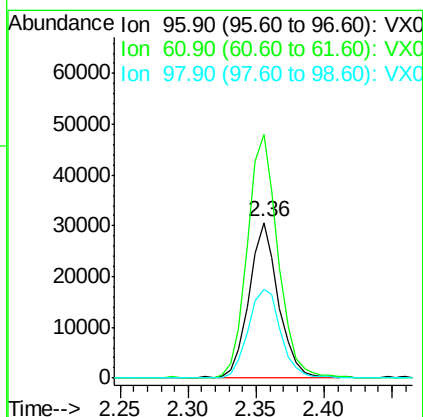
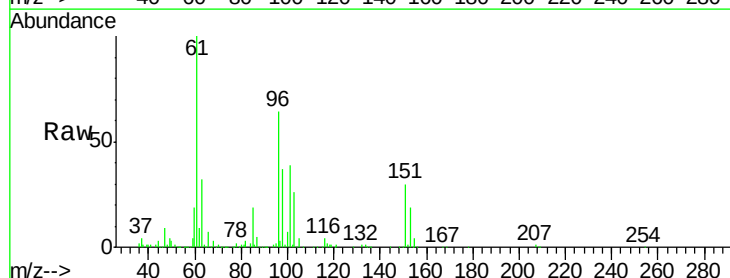
Tot Ion: 59 Resp: 61112
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

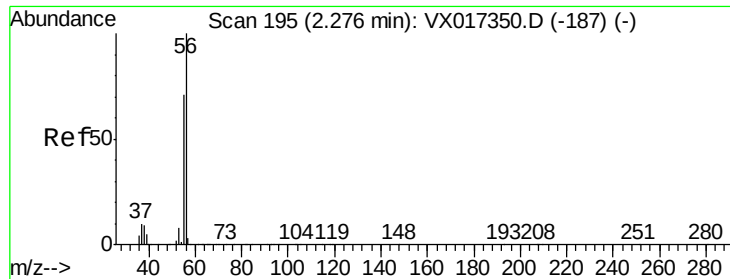


#12

1,1-Dichloroethene
 Concen: 17.744 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 96 Resp: 46234
 Ion Ratio Lower Upper
 96 100
 61 156.8 131.5 197.3
 98 57.6 55.1 82.7





#13

Acrolein

Concen: 21.426 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

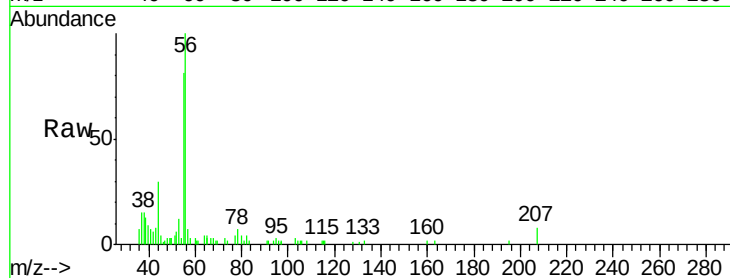
VX0720WBSD01

Tot Ion: 56 Resp: 7111

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

4000

3000

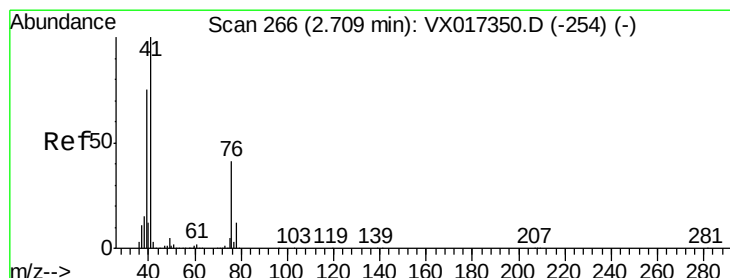
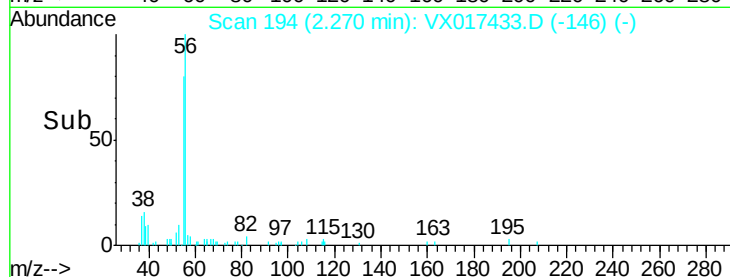
2000

1000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.975 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

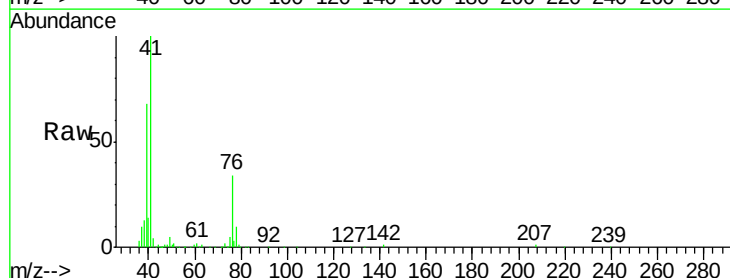
Tgt Ion: 41 Resp: 90182

Ion Ratio Lower Upper

41 100

39 65.4 53.0 79.4

76 33.6 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

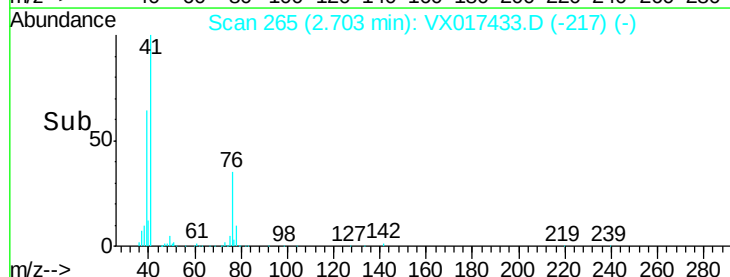
40000

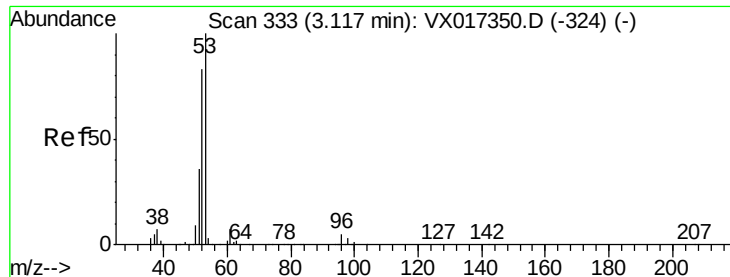
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 99.023 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

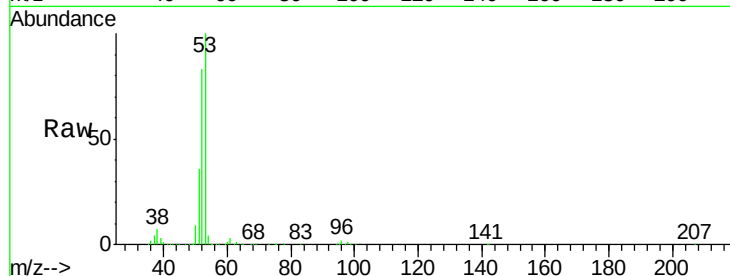
Tot Ion: 53 Resp: 145334

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

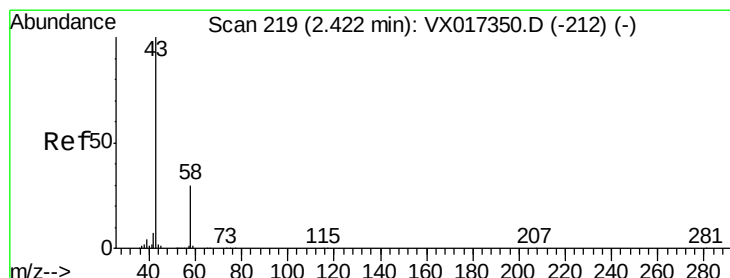
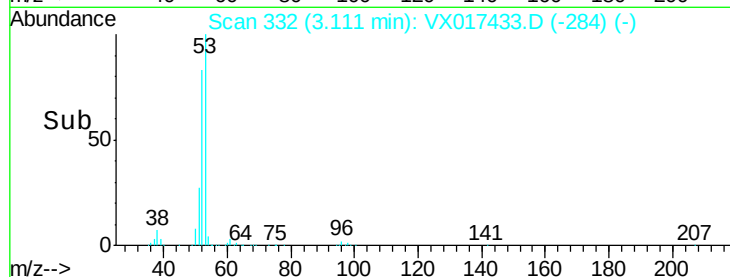
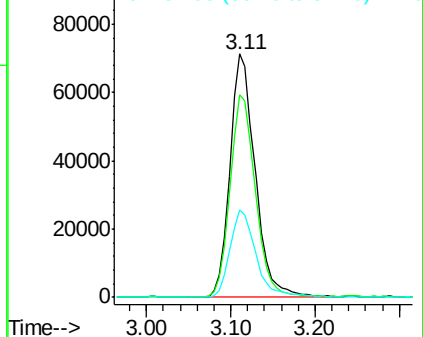
51 37.2 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.401 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017433.D

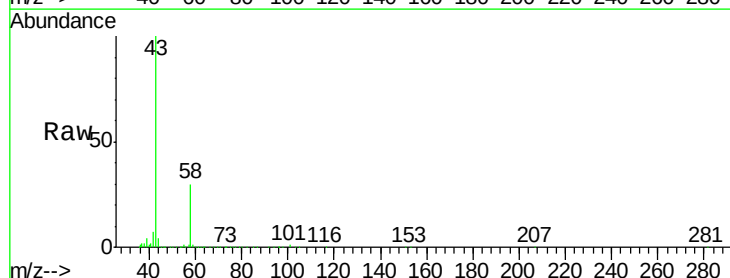
Acq: 20 Jul 2020 12:17

Tgt Ion: 43 Resp: 123586

Ion Ratio Lower Upper

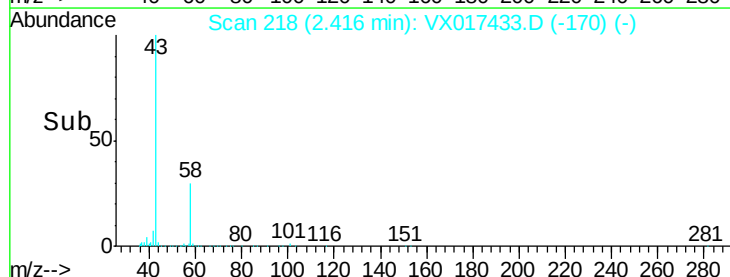
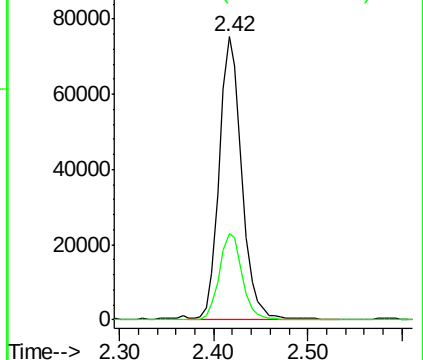
43 100

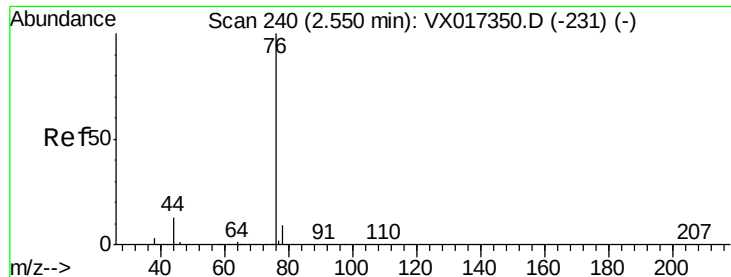
58 30.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.050 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

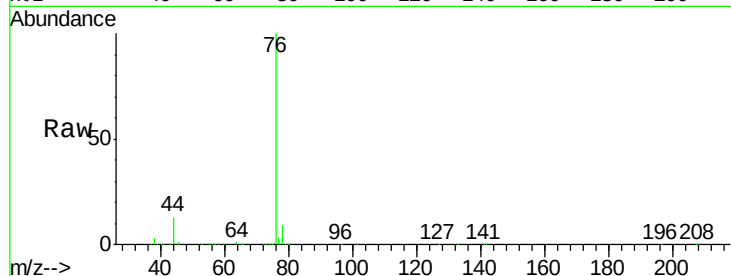
VX0720WBSD01

Tot Ion: 76 Resp: 144795

Ion Ratio Lower Upper

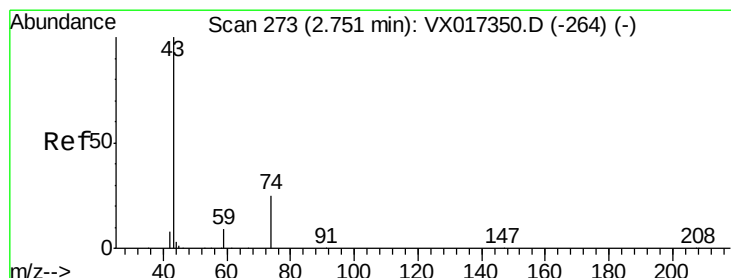
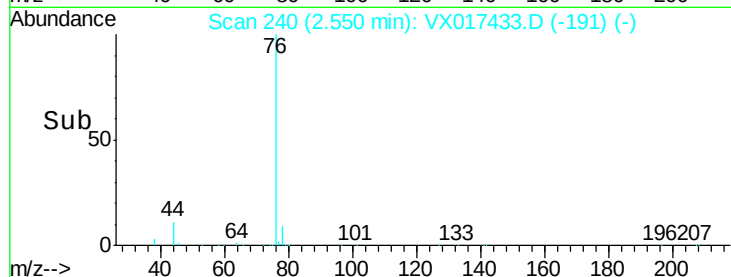
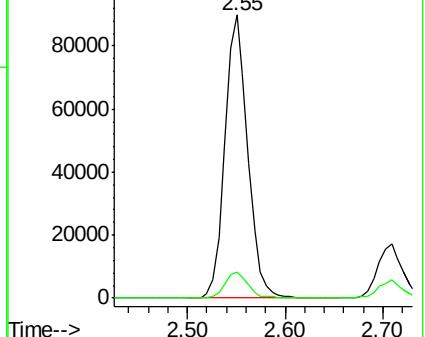
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.658 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017433.D

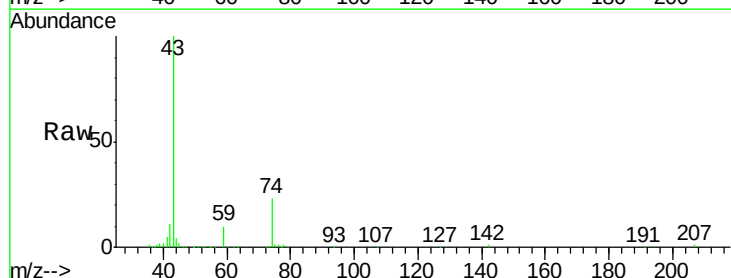
Acq: 20 Jul 2020 12:17

Tgt Ion: 43 Resp: 65413

Ion Ratio Lower Upper

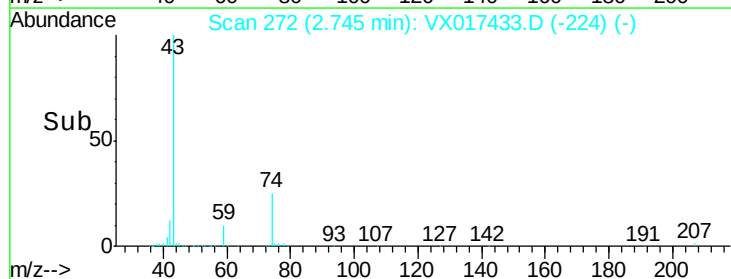
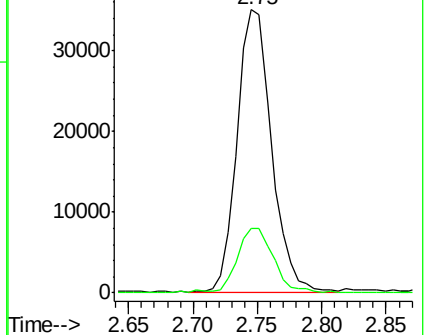
43 100

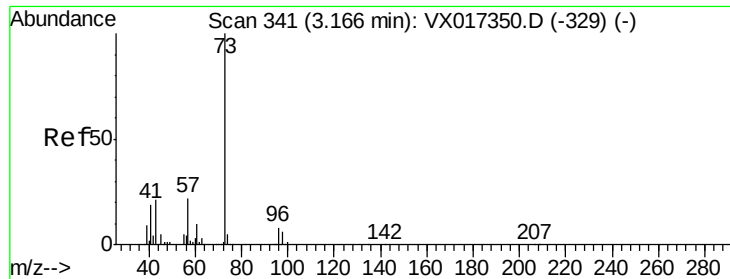
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



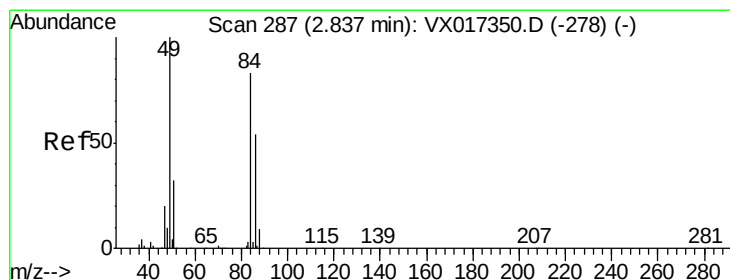
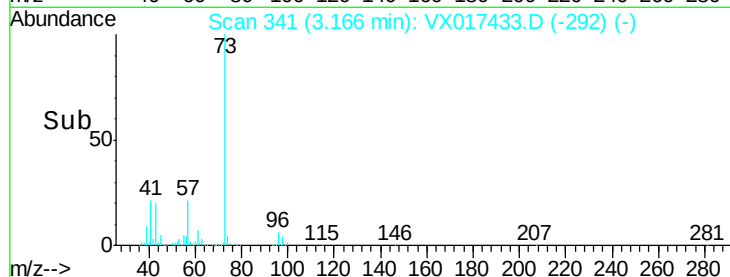
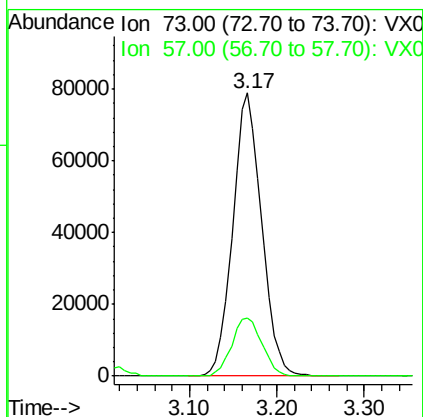
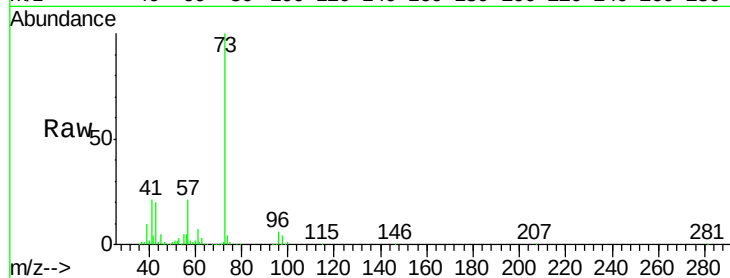


#19

Methyl tert-butyl Ether
 Concen: 20.453 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

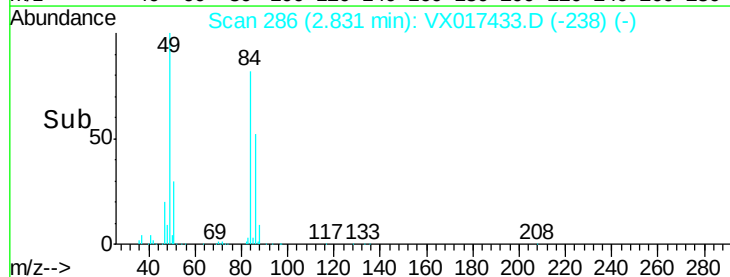
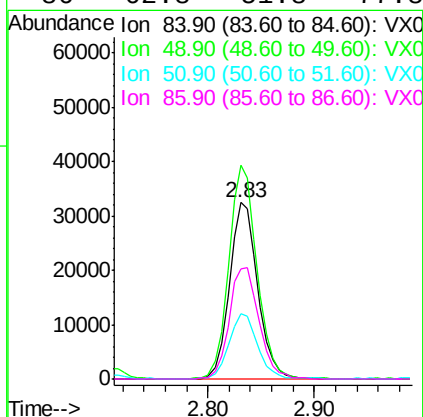
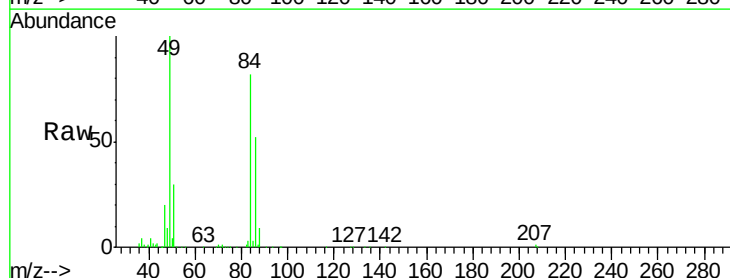
Tot Ion: 73 Resp: 180953
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.5 26.3

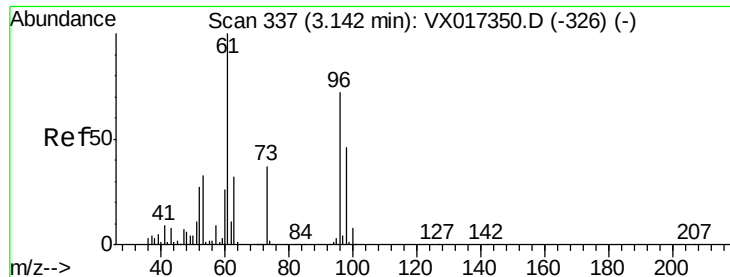


#20

Methylene Chloride
 Concen: 19.289 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 84 Resp: 60335
 Ion Ratio Lower Upper
 84 100
 49 121.1 95.8 143.8
 51 36.8 31.0 46.4
 86 62.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 19.255 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

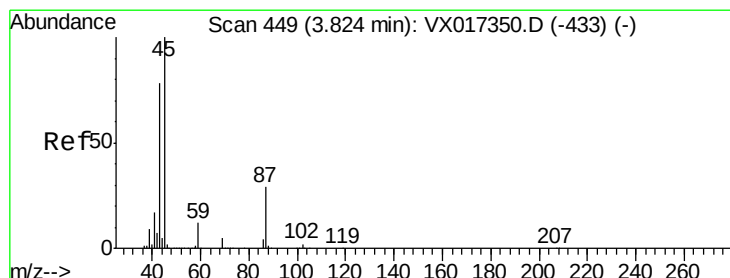
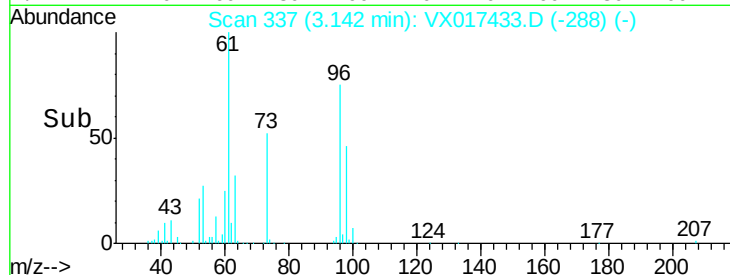
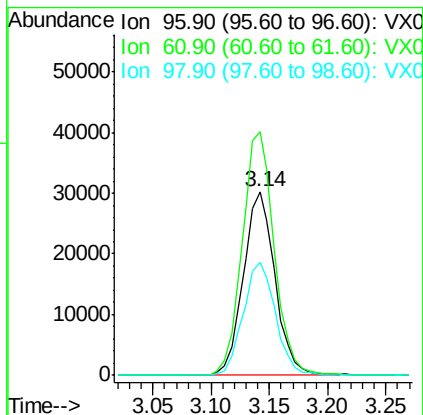
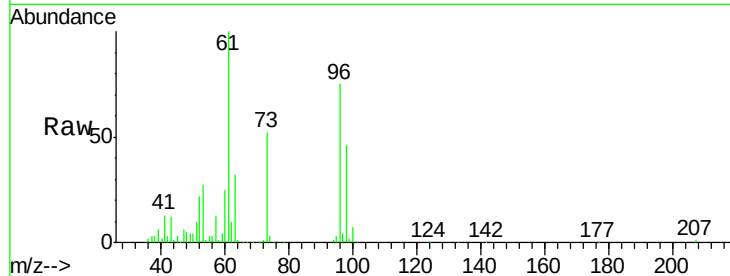
Tot Ion: 96 Resp: 57400

Ion Ratio Lower Upper

96 100

61 132.6 111.1 166.7

98 61.3 51.4 77.0



#22

Diisopropyl ether

Concen: 21.382 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Tgt Ion: 45 Resp: 183885

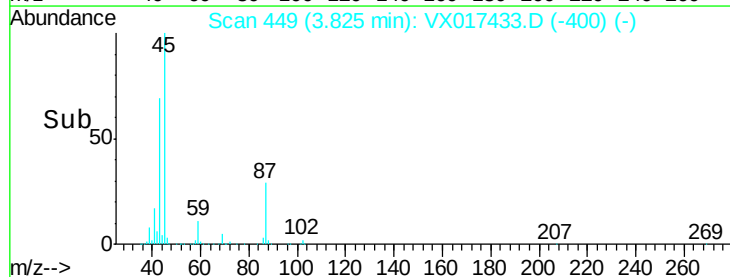
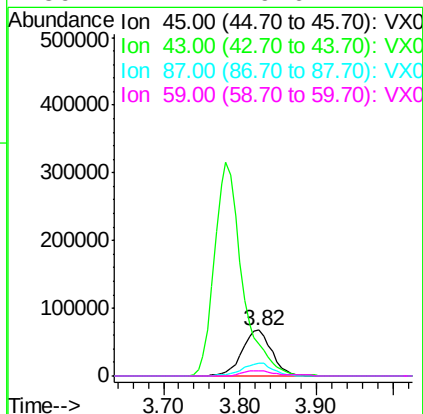
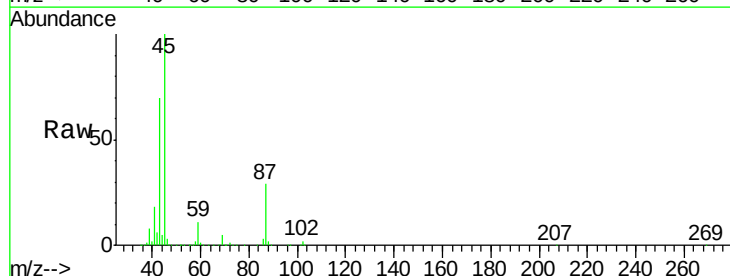
Ion Ratio Lower Upper

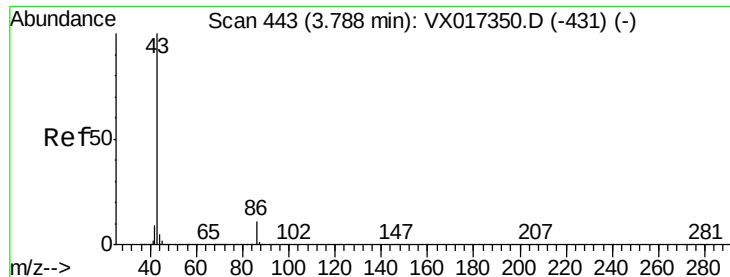
45 100

43 68.6 62.2 93.2

87 28.6 23.0 34.6

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 105.239 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

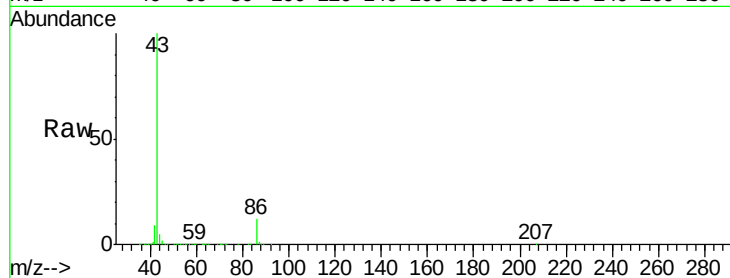
VX0720WBSD01

Tot Ion: 43 Resp: 795961

Ion Ratio Lower Upper

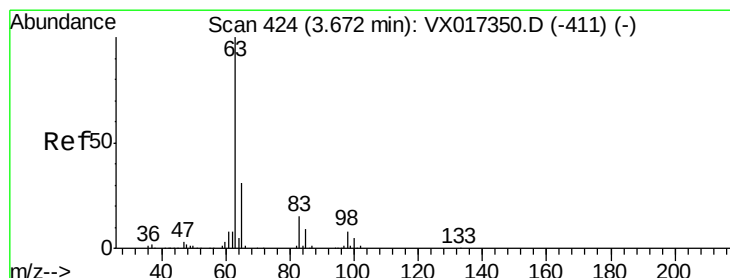
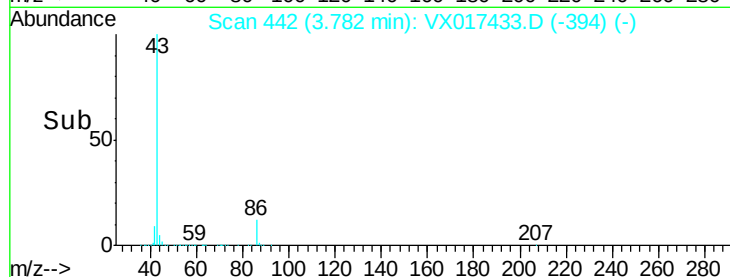
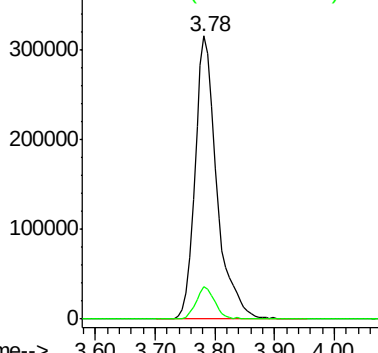
43 100

86 11.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.155 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

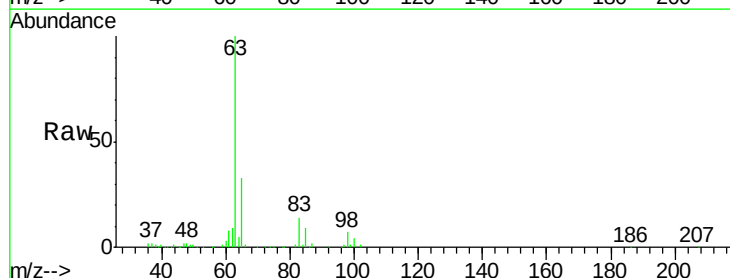
Tgt Ion: 63 Resp: 101869

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

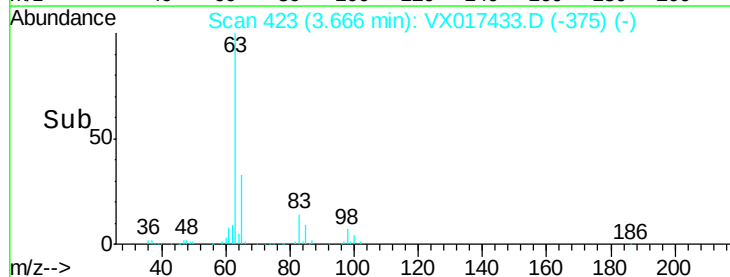
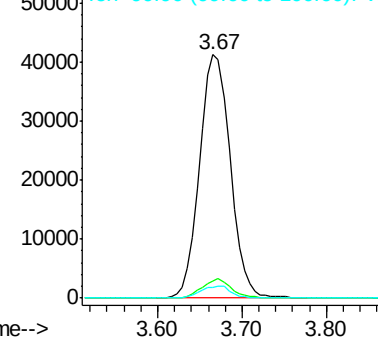
100 4.3 2.5 7.5

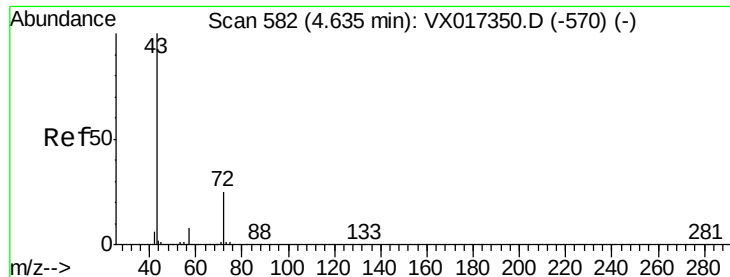


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

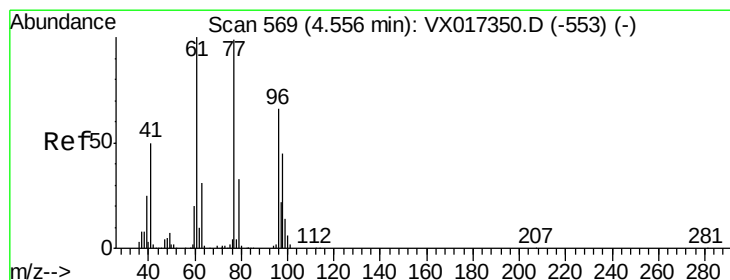
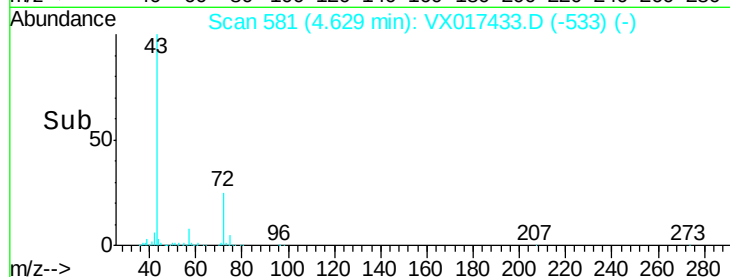
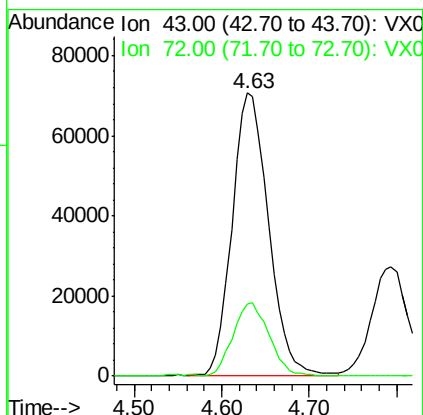
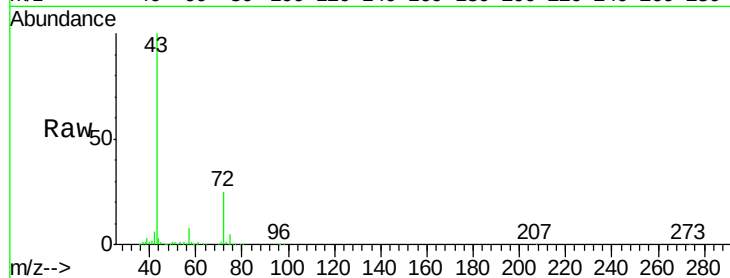




#25
2-Butanone
Concen: 99.885 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

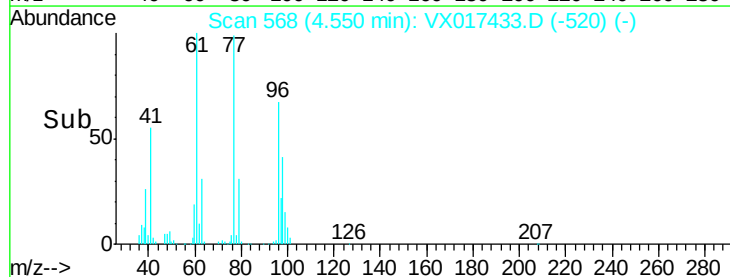
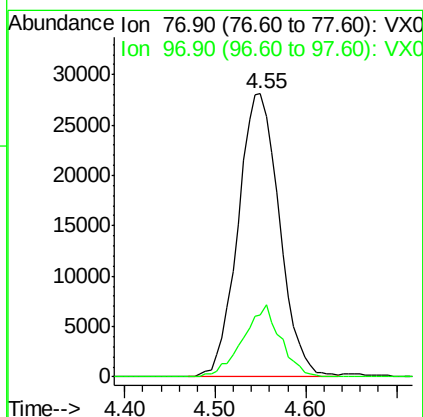
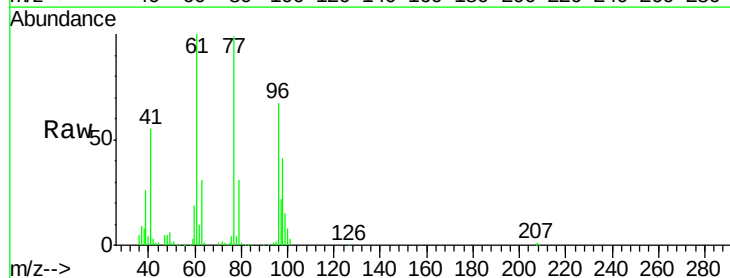
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

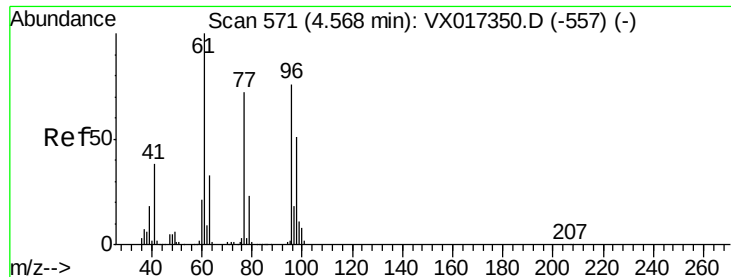
Tot Ion: 43 Resp: 203386
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 18.887 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 77 Resp: 88840
Ion Ratio Lower Upper
77 100
97 23.2 11.1 33.3



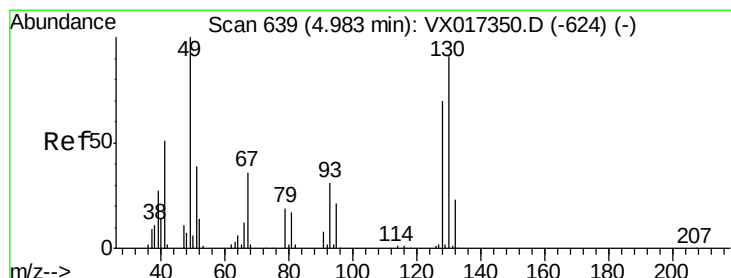
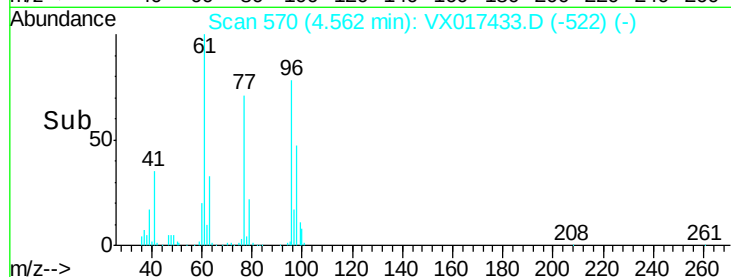
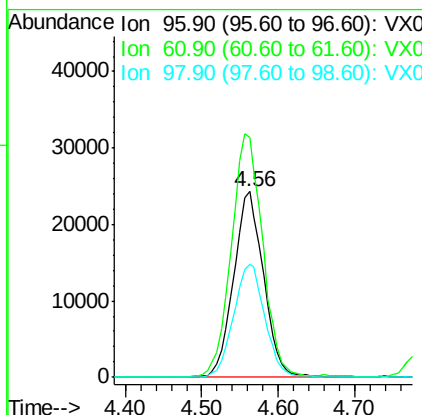
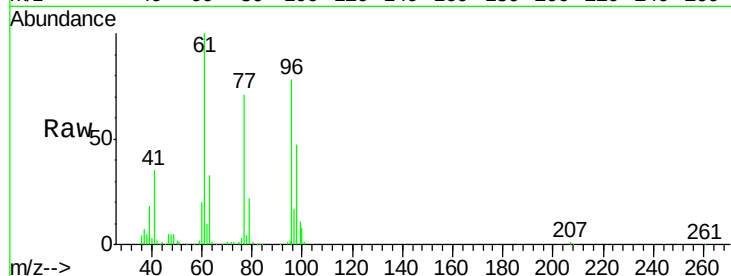


#27

cis-1,2-Dichloroethene
Concen: 20.140 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

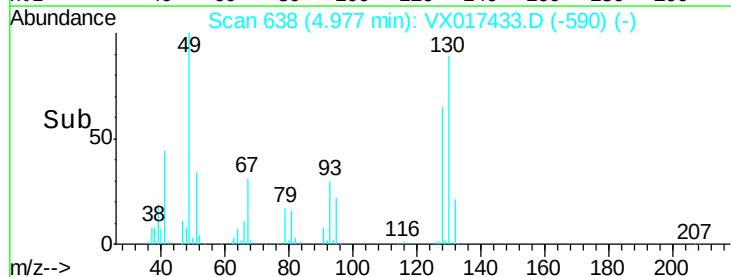
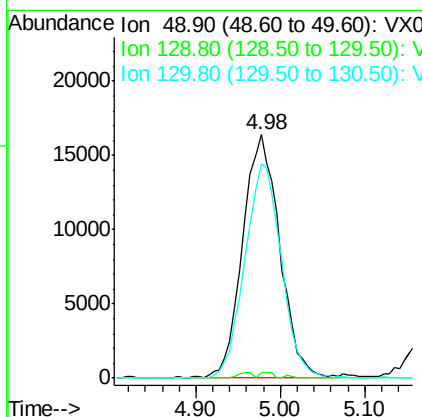
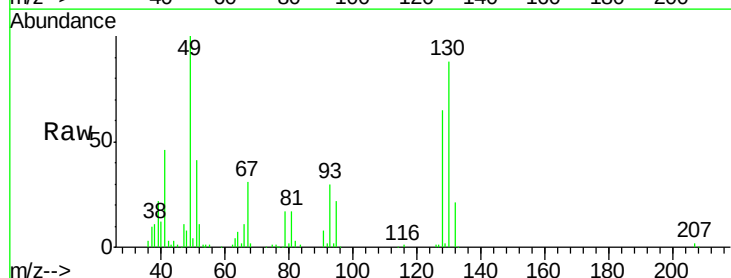
Tot Ion: 96 Resp: 65840
Ion Ratio Lower Upper
96 100
61 137.4 0.0 281.2
98 63.4 0.0 131.4

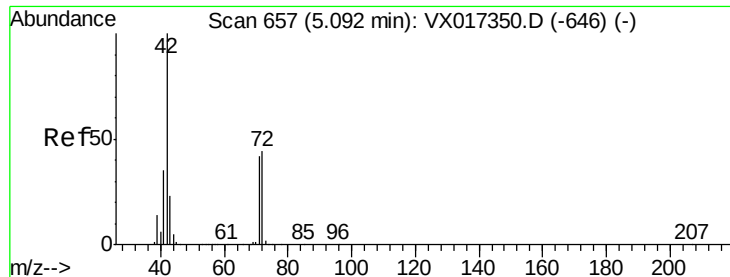


#28

Bromochloromethane
Concen: 20.949 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 49 Resp: 48912
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 86.9 71.1 106.7

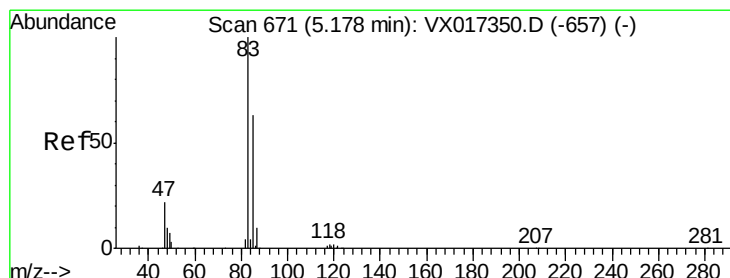
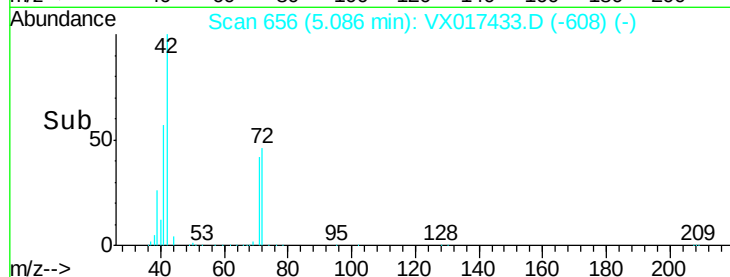
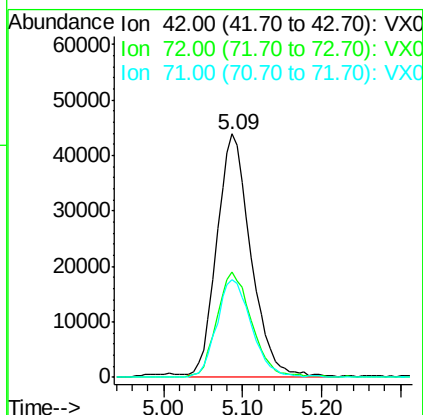
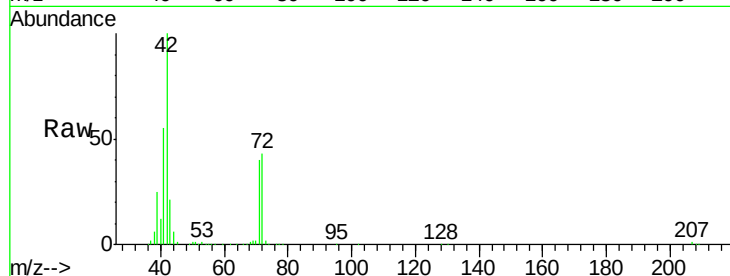




#29
Tetrahydrofuran
Concen: 98.911 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

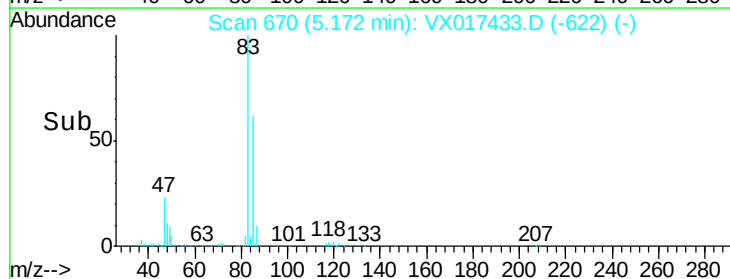
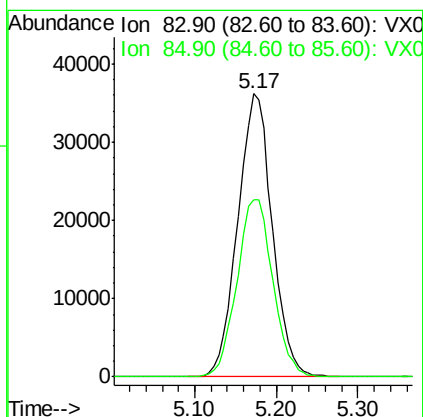
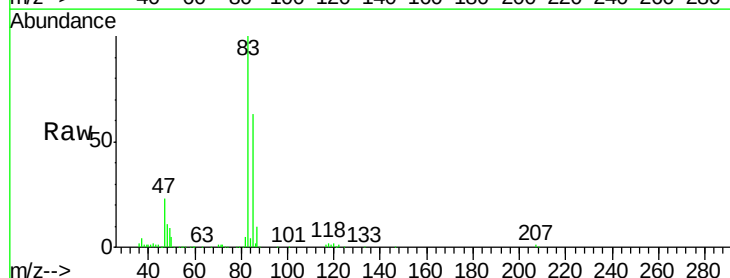
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

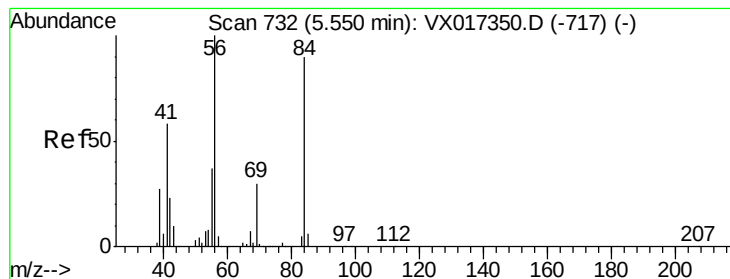
Tot Ion: 42 Resp: 130371
Ion Ratio Lower Upper
42 100
72 44.9 37.2 55.8
71 41.3 34.4 51.6



#30
Chloroform
Concen: 19.565 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 83 Resp: 106391
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4





#31

Cyclohexane

Concen: 19.953 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

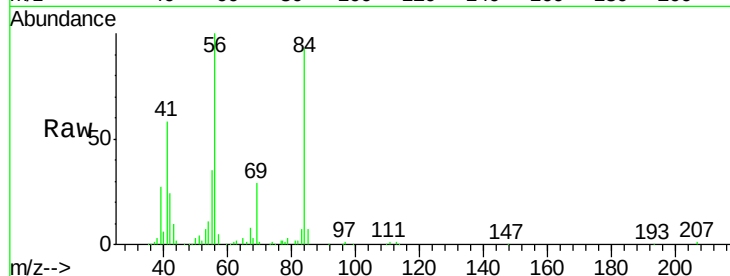
Tot Ion: 56 Resp: 82558

Ion Ratio Lower Upper

56 100

69 28.9 23.7 35.5

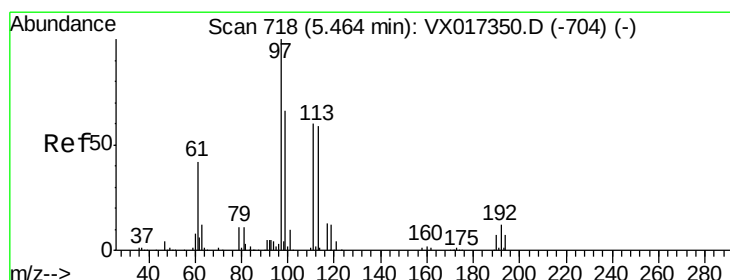
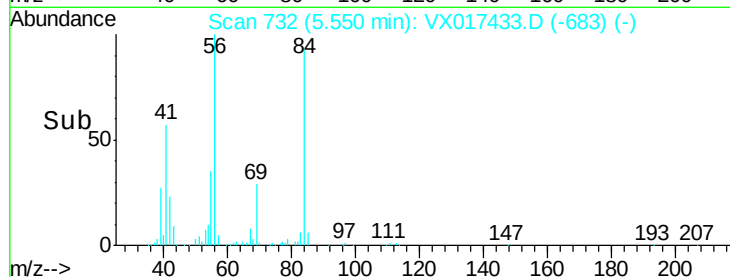
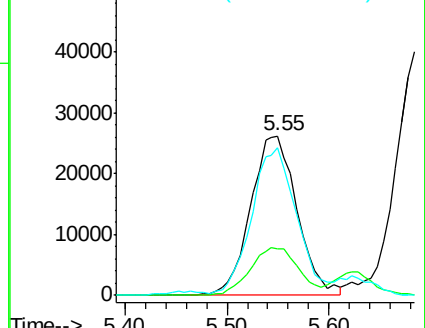
84 90.3 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.319 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

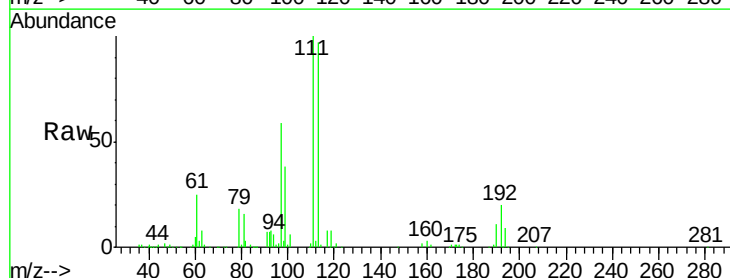
Tgt Ion: 97 Resp: 97116

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

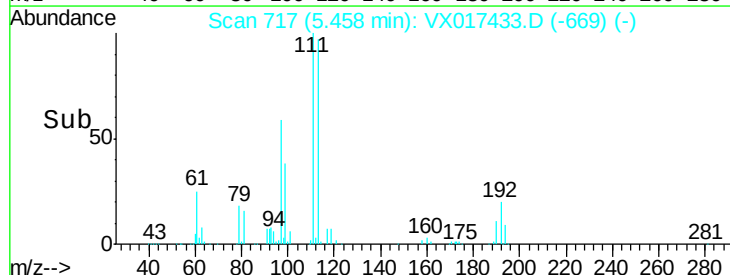
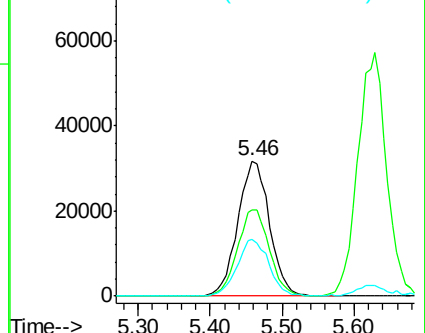
61 42.1 32.7 49.1

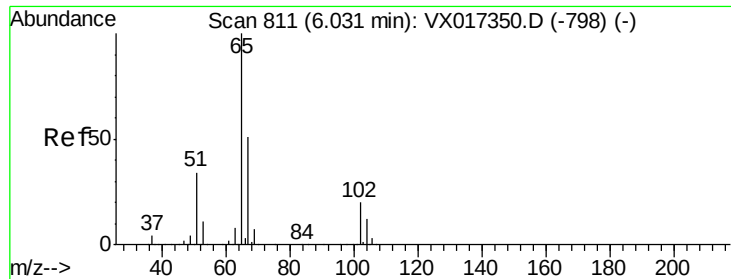


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

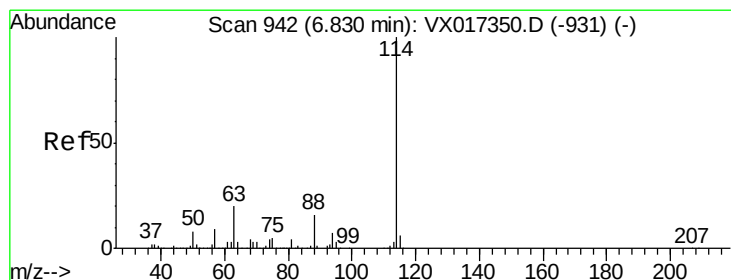
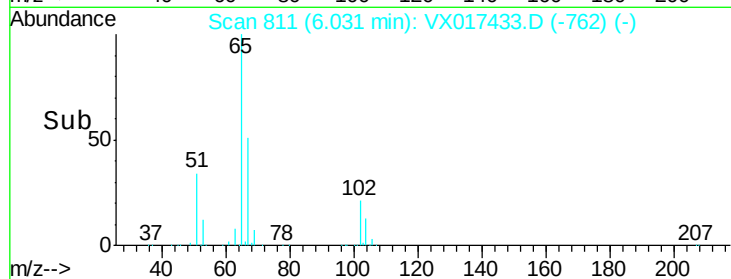
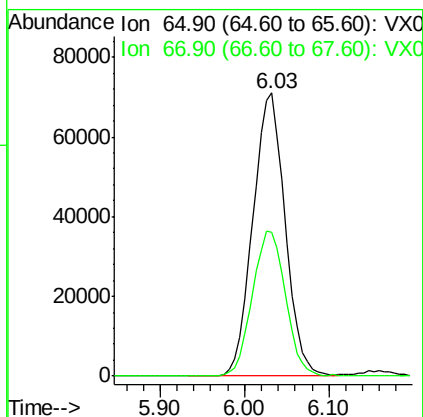
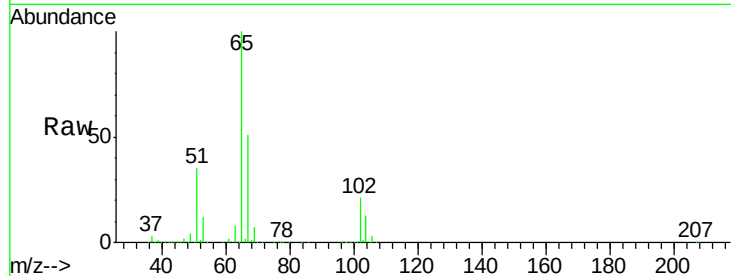




#33
 1,2-Dichloroethane-d4
 Concen: 51.730 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

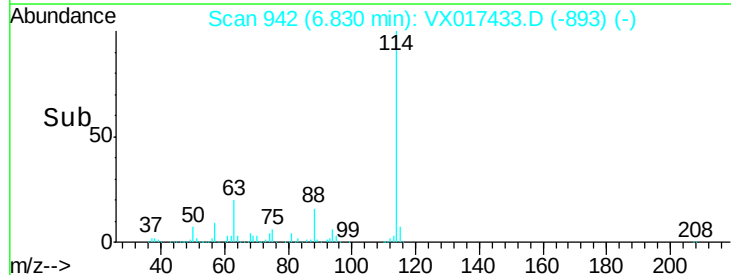
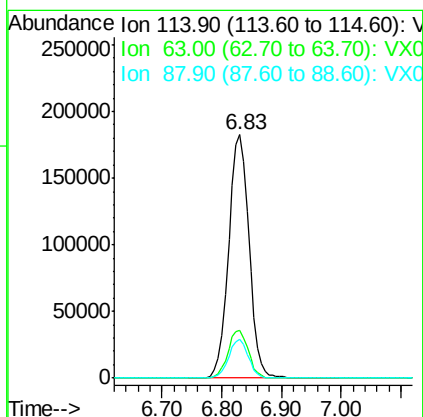
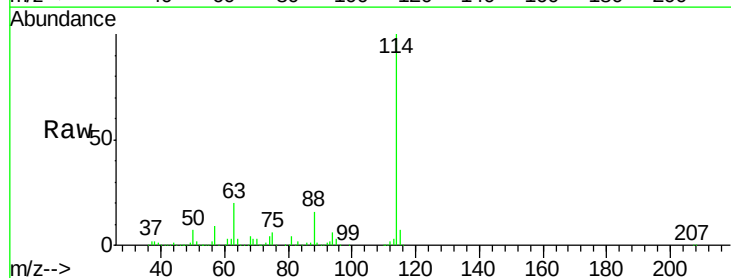
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

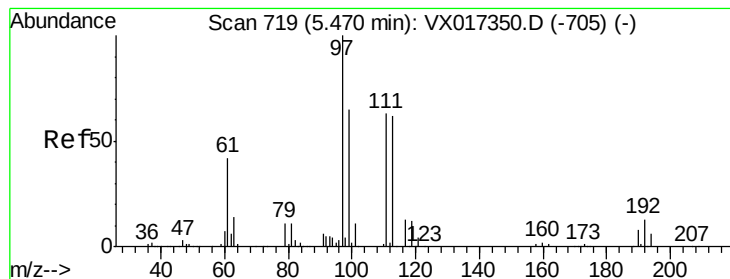
Tot Ion: 65 Resp: 185890
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 114 Resp: 434488
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.060 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

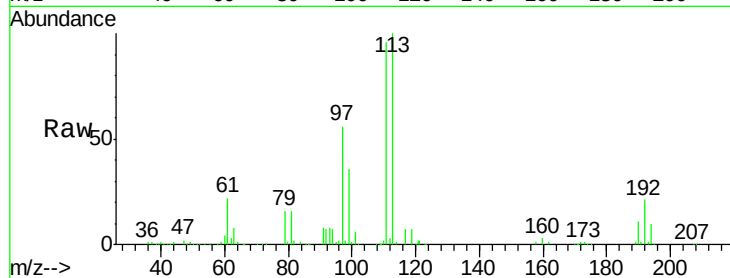
Tot Ion:113 Resp: 152368

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

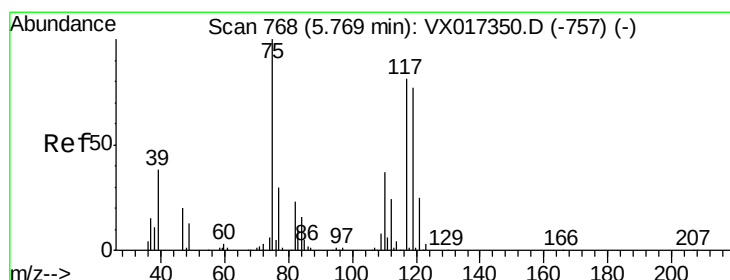
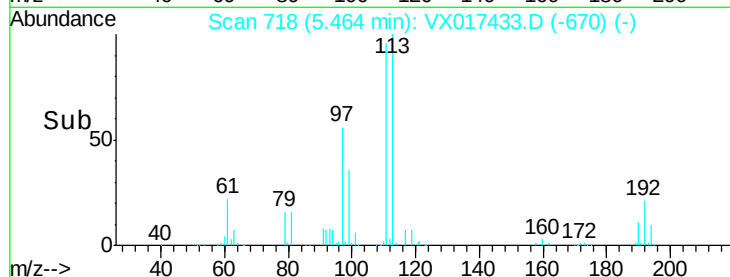
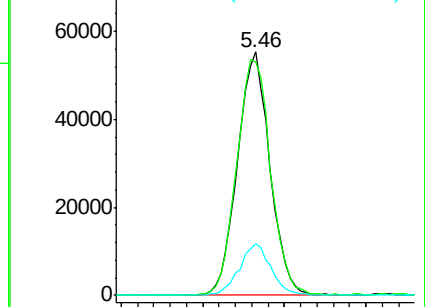
192 20.7 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.934 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

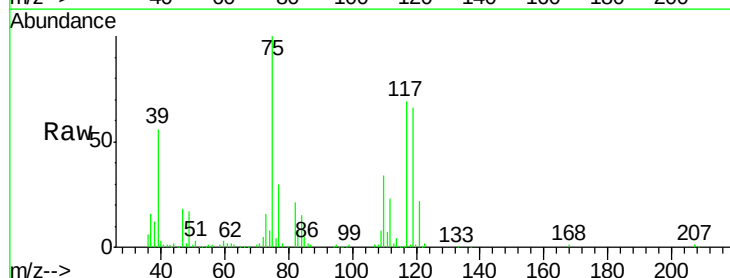
Tgt Ion: 75 Resp: 75671

Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

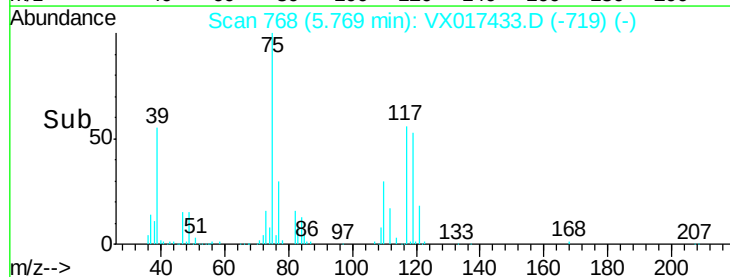
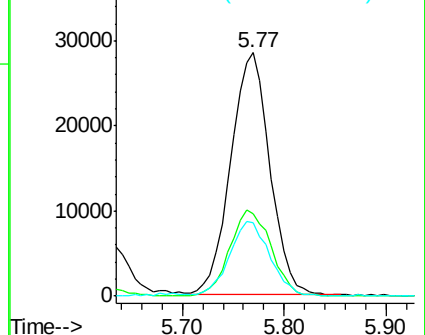
77 31.9 24.9 37.3

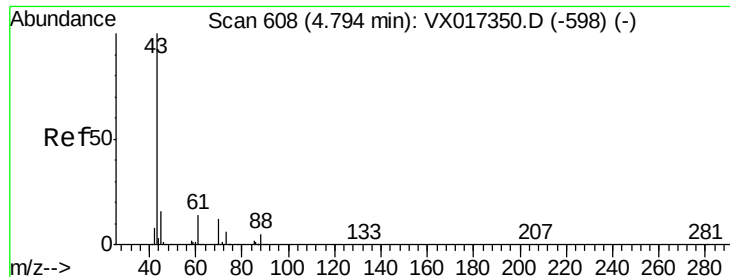


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

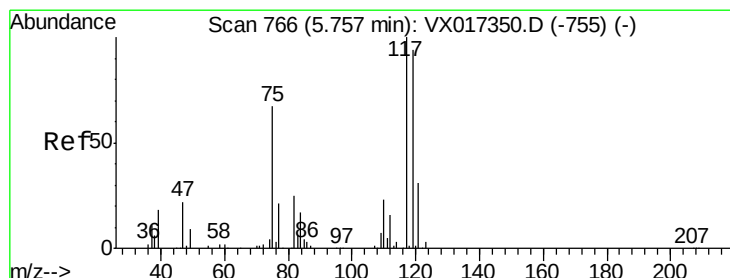
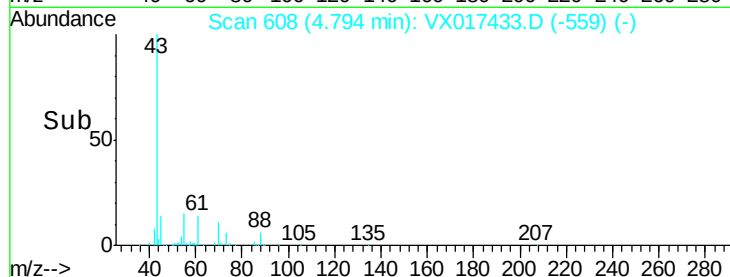
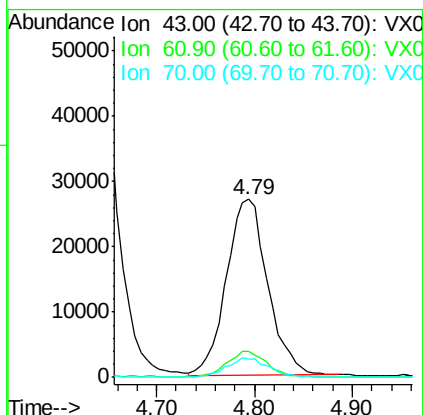
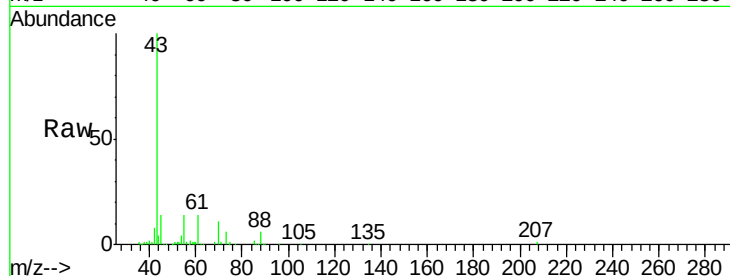




#37
Ethyl Acetate
Concen: 19.143 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

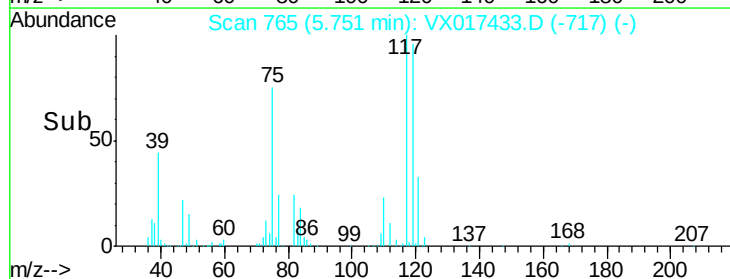
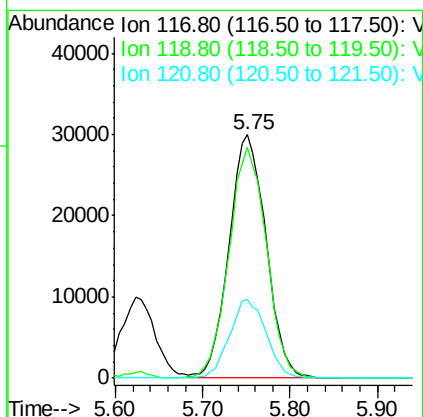
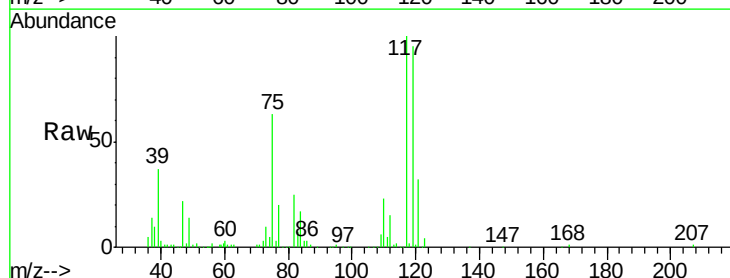
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

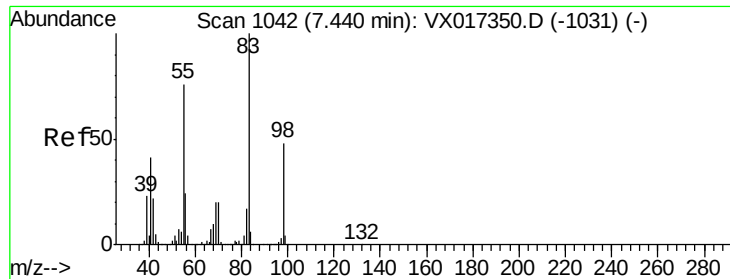
Tot Ion: 43 Resp: 79117
Ion Ratio Lower Upper
43 100
61 14.7 10.7 16.1
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.827 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 117 Resp: 88097
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
121 32.0 24.5 36.7

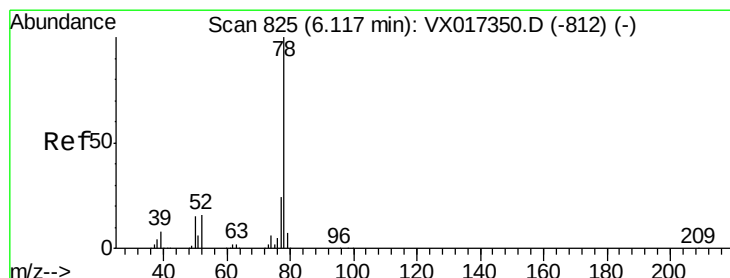
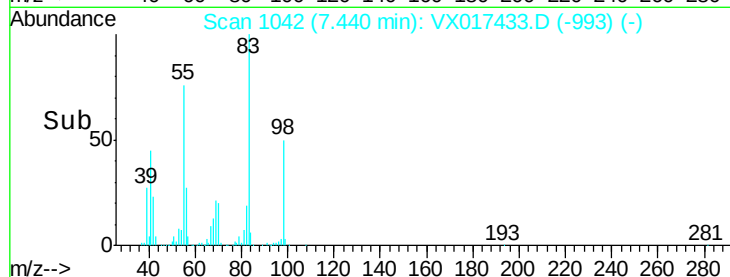
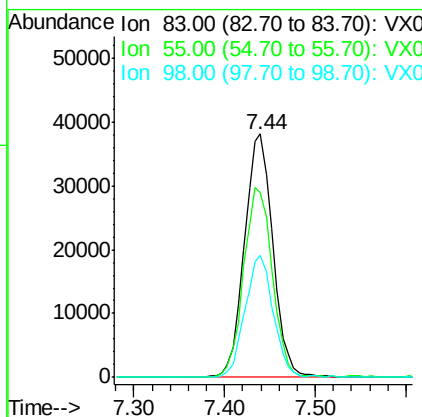
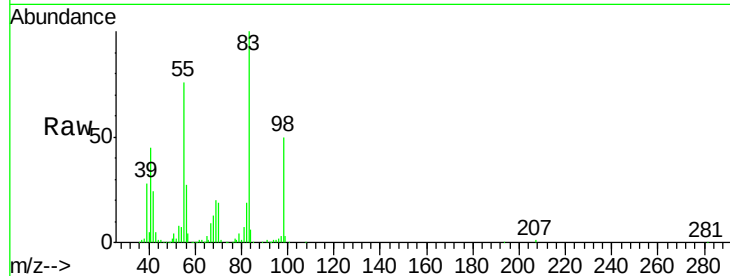




#39
Methylvlcyclohexane
Concen: 19.078 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

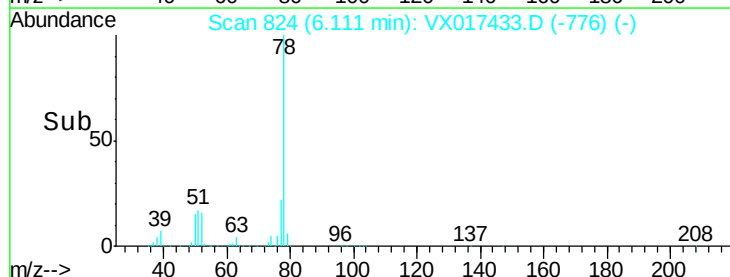
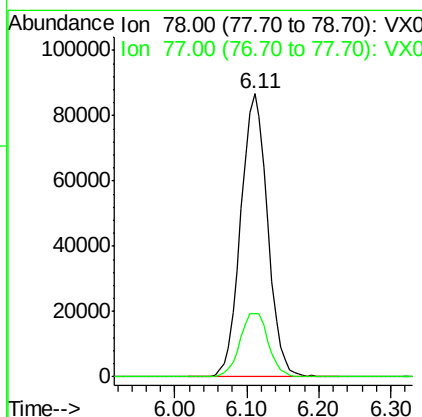
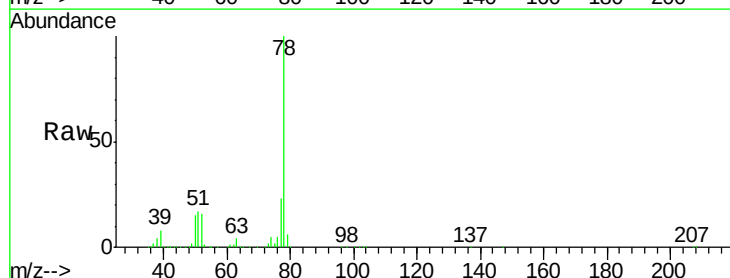
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

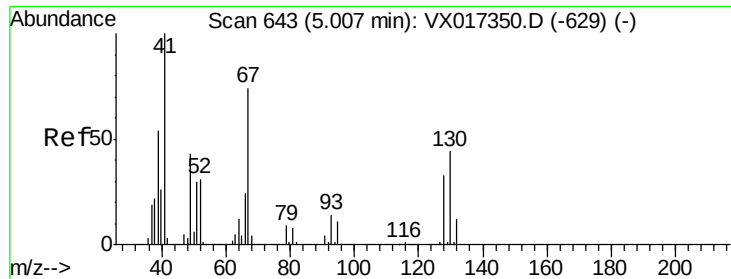
Tot Ion: 83 Resp: 82796
Ion Ratio Lower Upper
83 100
55 75.9 61.2 91.8
98 50.1 38.1 57.1



#40
Benzene
Concen: 19.535 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 78 Resp: 224372
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

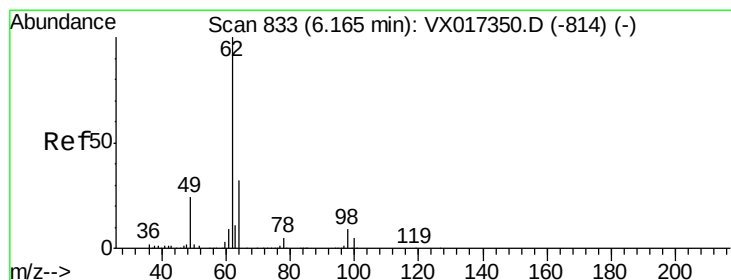
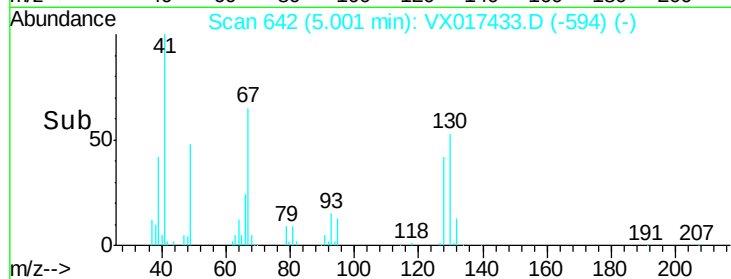
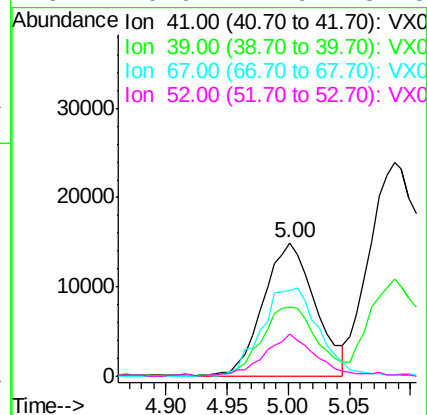
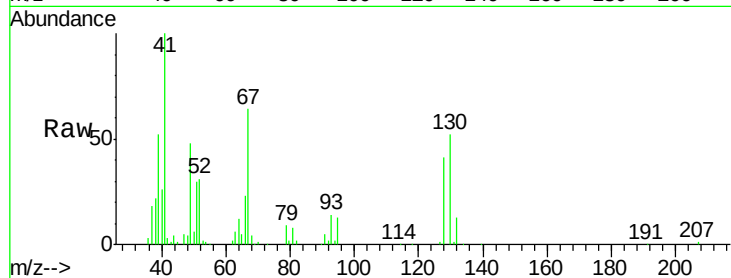




#41
Methacrylonitrile
Concen: 19.816 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

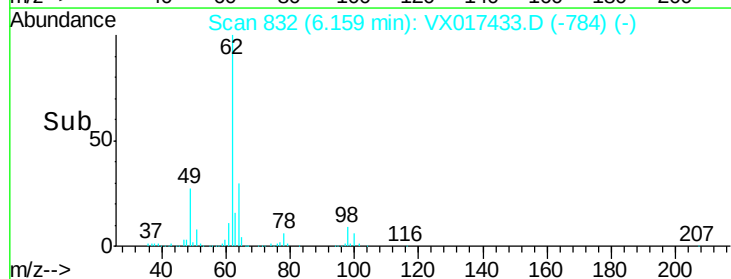
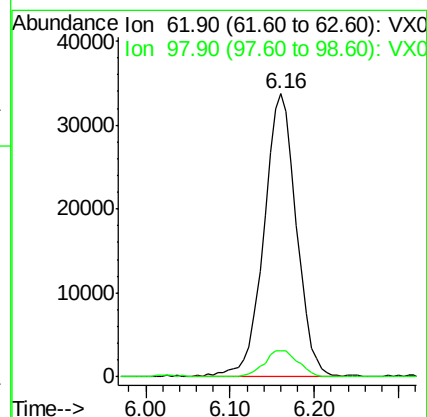
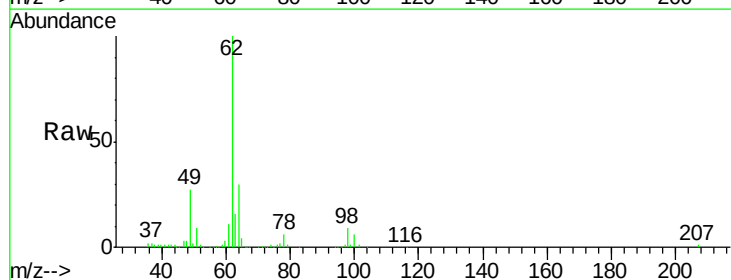
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

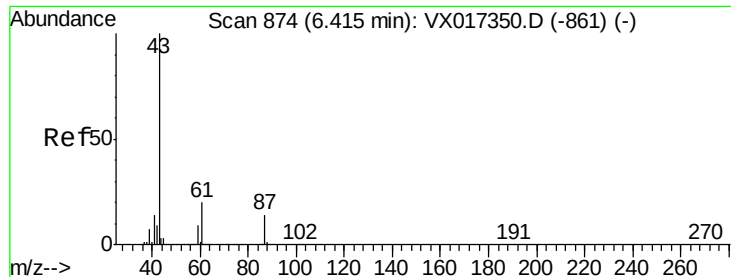
Tot Ion:	41	Resp:	43968
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.8	65.8
67	73.3	58.7	88.1
52	29.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 20.122 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion:	62	Resp:	89793
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.755 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

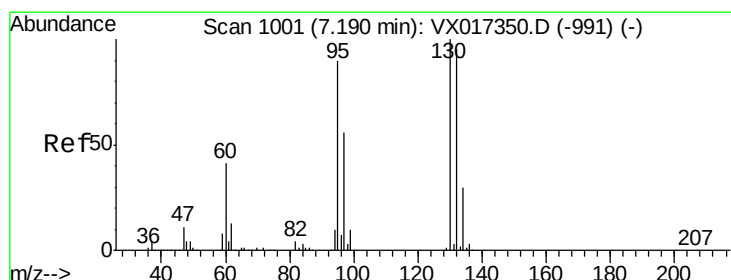
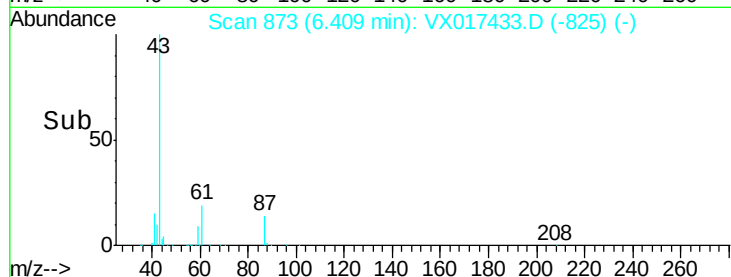
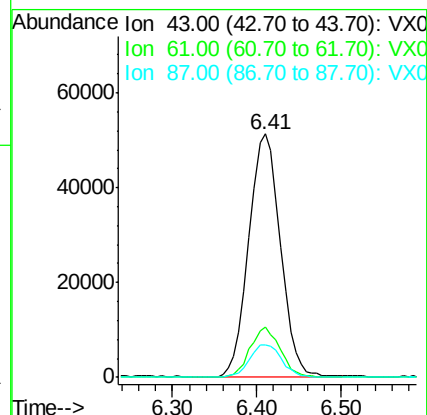
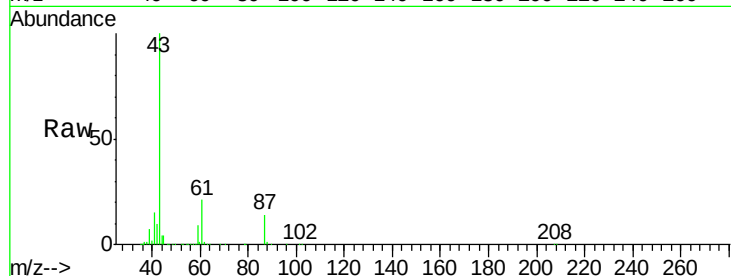
Tot Ion: 43 Resp: 130464

Ion Ratio Lower Upper

43 100

61 20.0 16.4 24.6

87 13.9 11.2 16.8



#44

Trichloroethene

Concen: 18.935 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017433.D

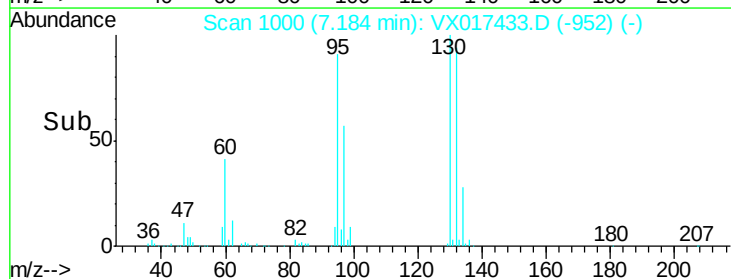
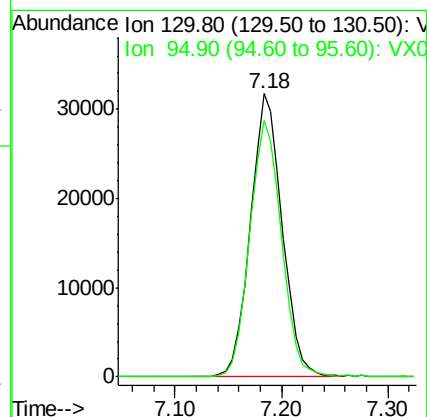
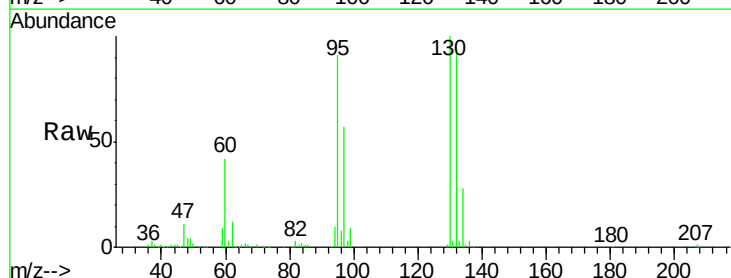
Acq: 20 Jul 2020 12:17

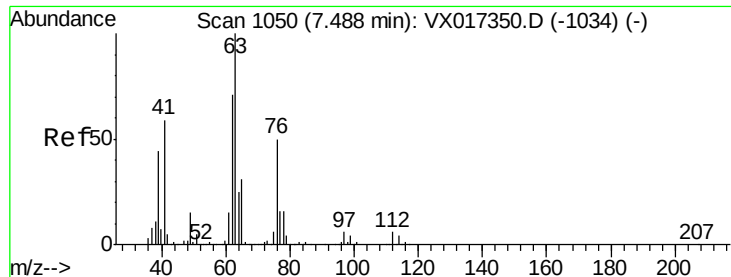
Tgt Ion:130 Resp: 66430

Ion Ratio Lower Upper

130 100

95 90.7 0.0 180.2





#45

1,2-Dichloropropane

Concen: 20.129 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

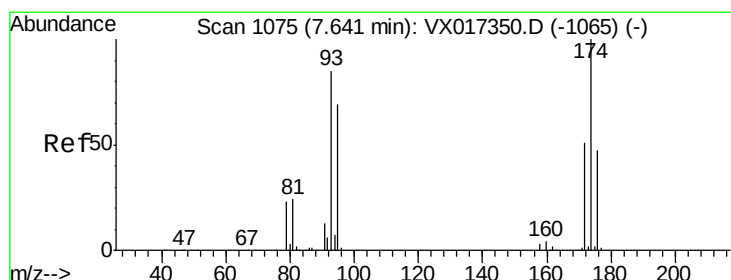
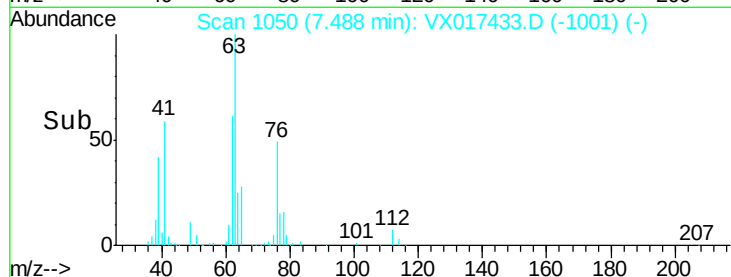
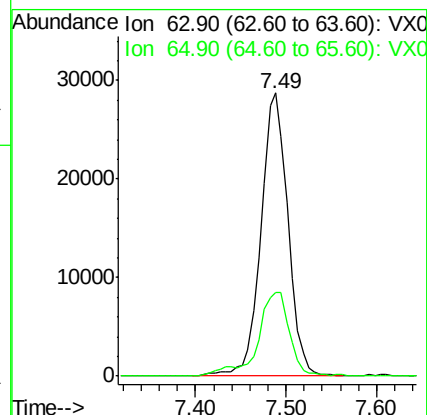
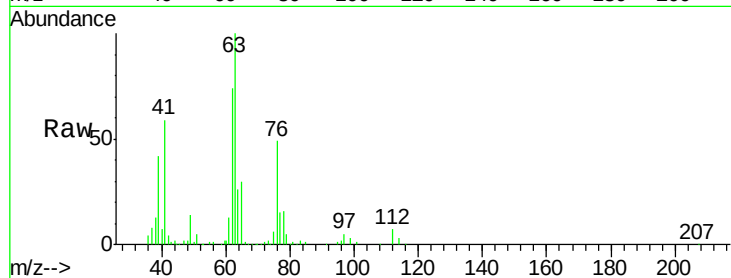
VX0720WBSD01

Tot Ion: 63 Resp: 59157

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 19.803 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

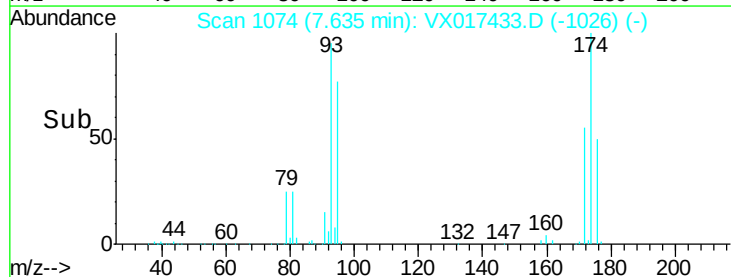
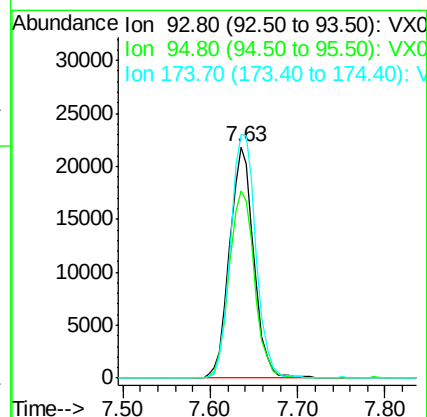
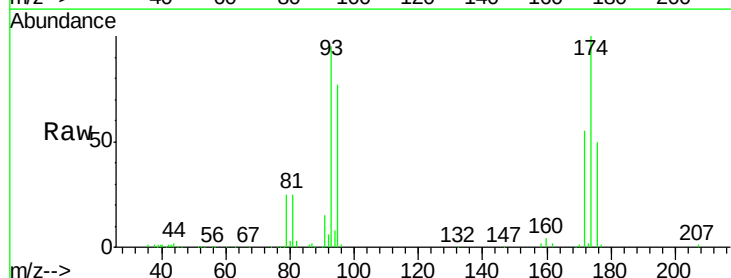
Tgt Ion: 93 Resp: 41972

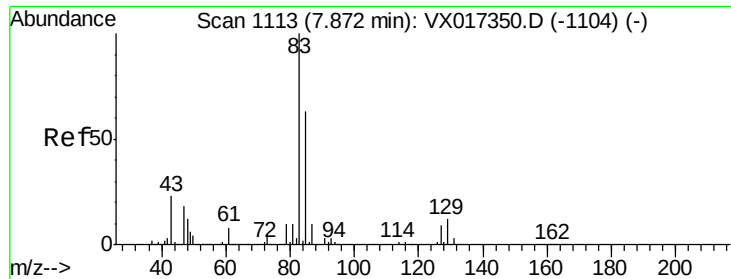
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 110.4 91.2 136.8

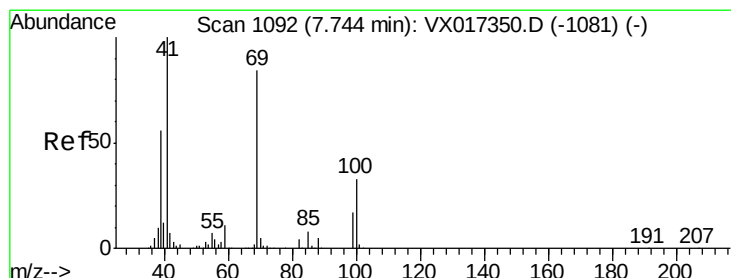
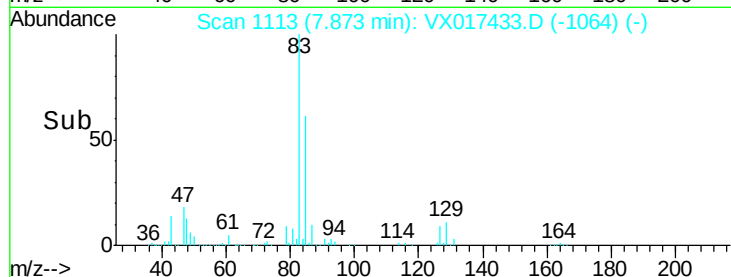
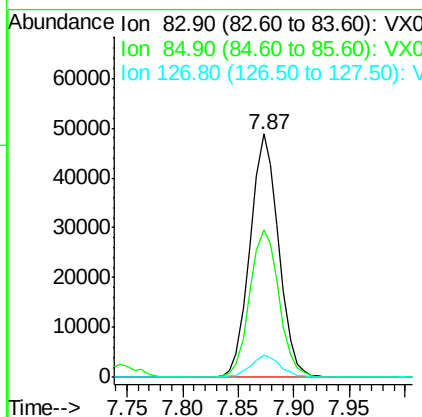
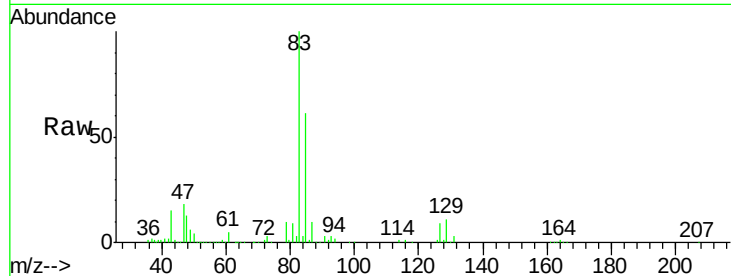




#47
 Bromodichloromethane
 Concen: 19.686 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

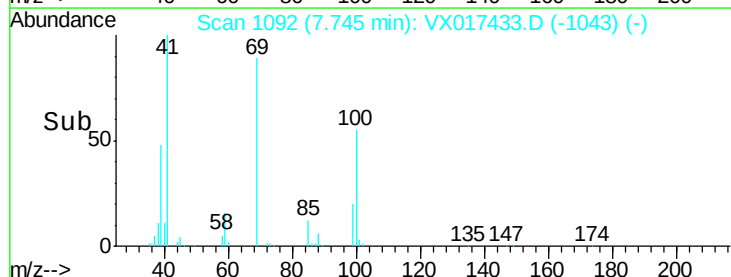
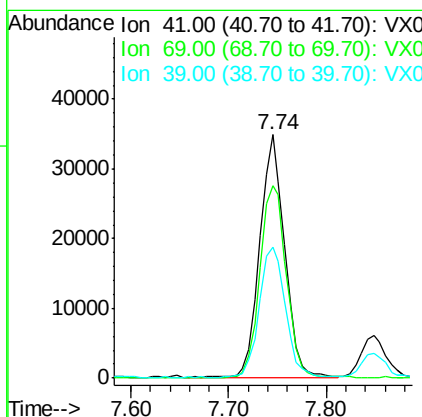
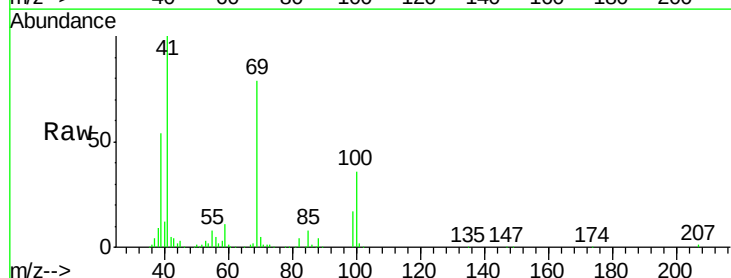
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

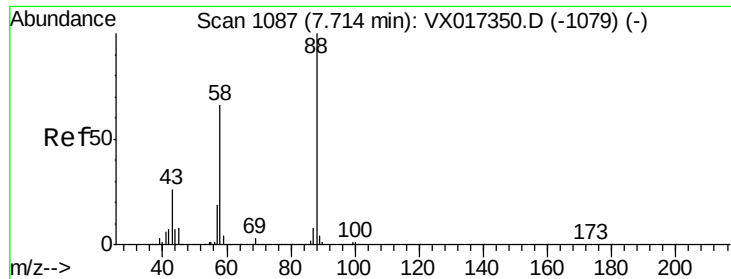
Tot Ion: 83 Resp: 87235
 Ion Ratio Lower Upper
 83 100
 85 60.7 50.2 75.4
 127 9.3 7.1 10.7



#48
 Methyl methacrylate
 Concen: 19.326 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 41 Resp: 61247
 Ion Ratio Lower Upper
 41 100
 69 84.5 67.8 101.6
 39 57.1 45.1 67.7

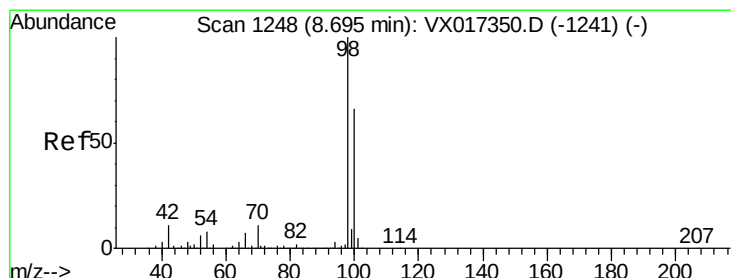
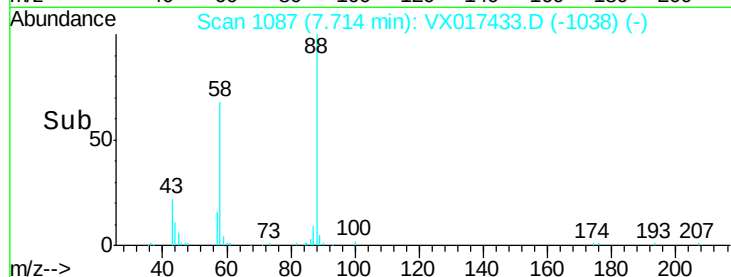
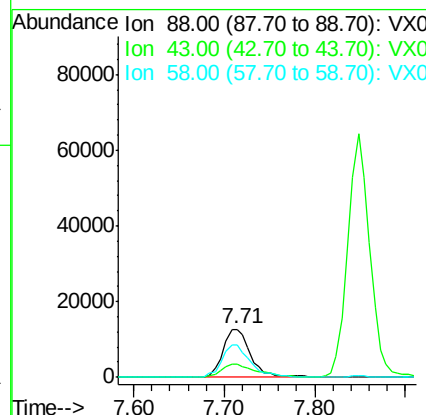
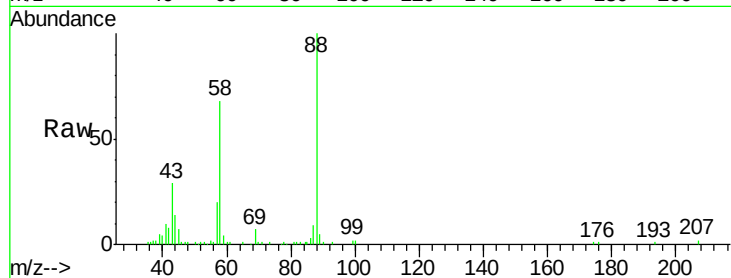




#49
1,4-Dioxane
Concen: 418.177 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

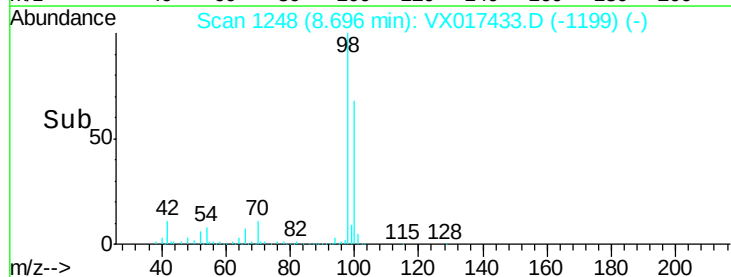
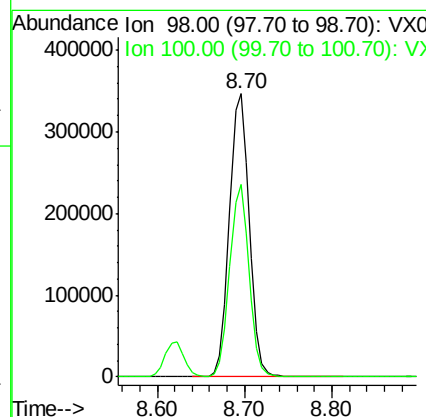
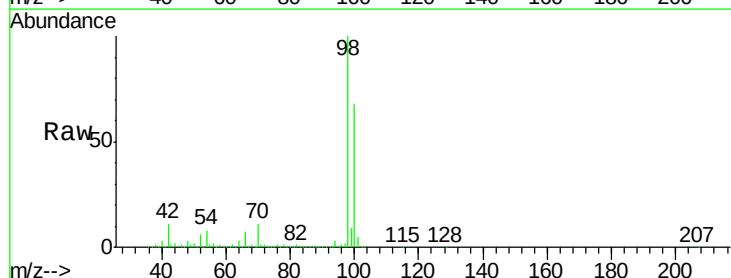
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

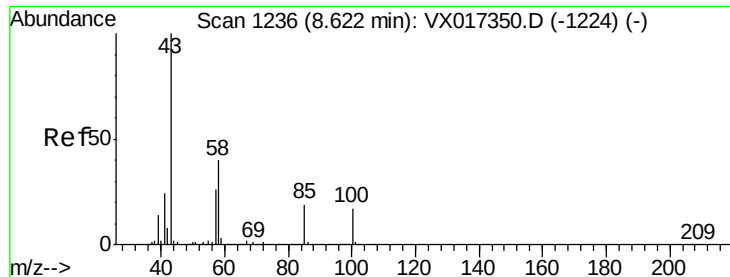
Tot Ion: 88 Resp: 27121
Ion Ratio Lower Upper
88 100
43 32.5 25.6 38.4
58 69.3 53.9 80.9



#50
Toluene-d8
Concen: 51.690 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 98 Resp: 545711
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 100.115 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

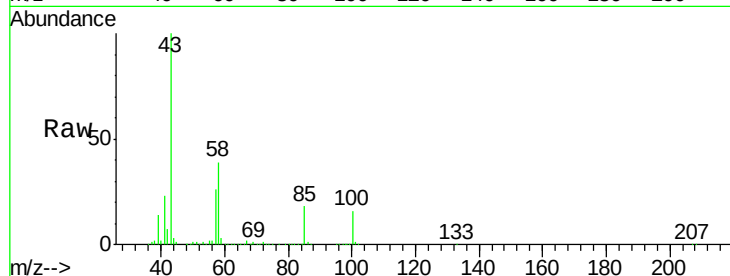
VX0720WBSD01

Tot Ion: 43 Resp: 403155

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

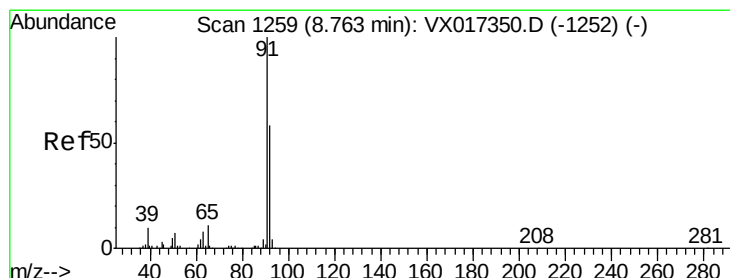
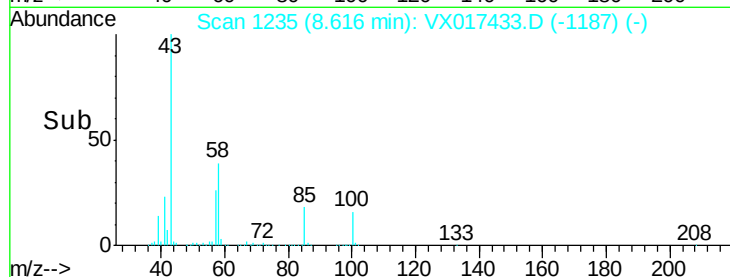
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.431 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017433.D

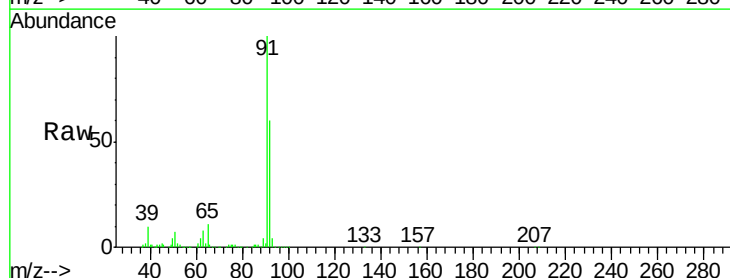
Acq: 20 Jul 2020 12:17

Tgt Ion: 92 Resp: 143216

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

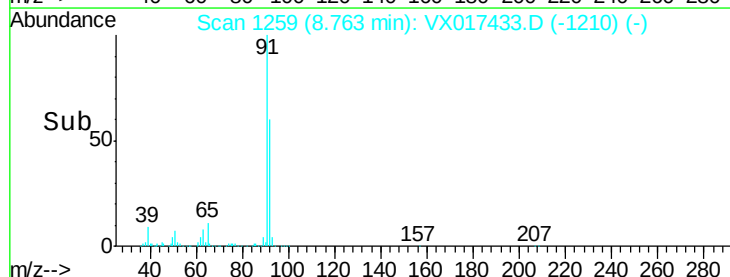
150000

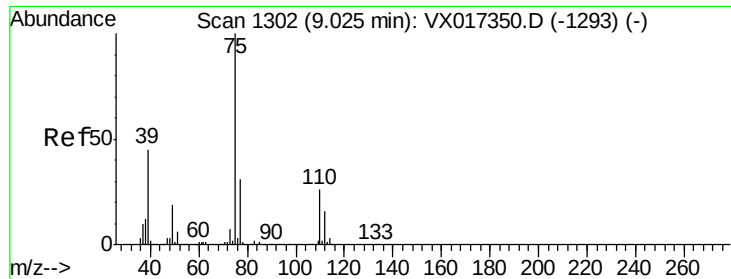
100000

50000

0

Time--> 8.70 8.80 8.90

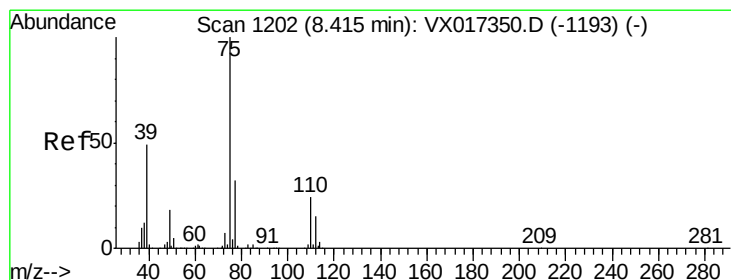
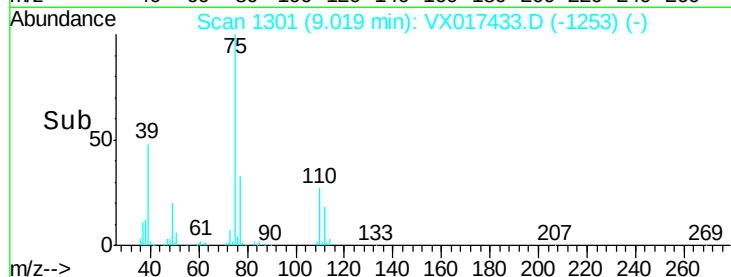
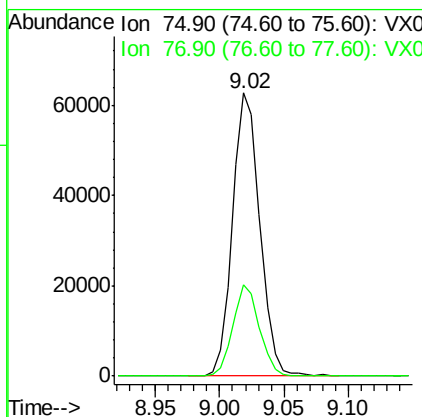
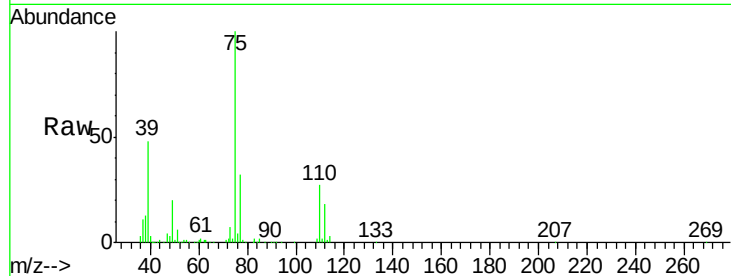




#53
 t-1,3-Dichloropropene
 Concen: 19.444 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

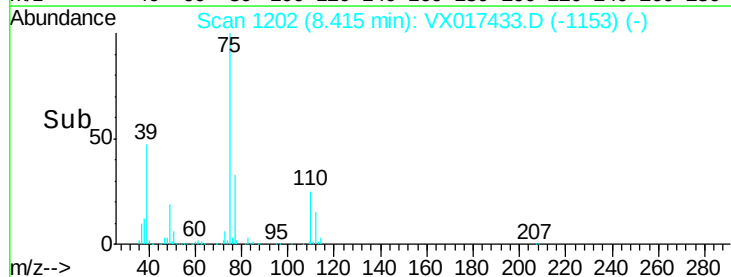
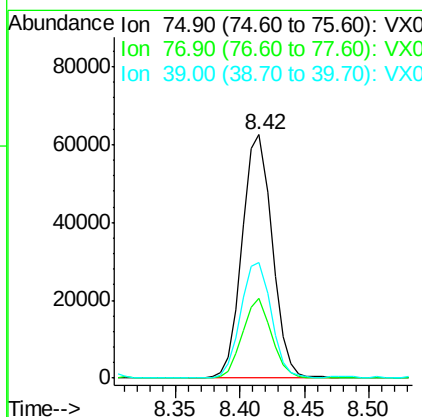
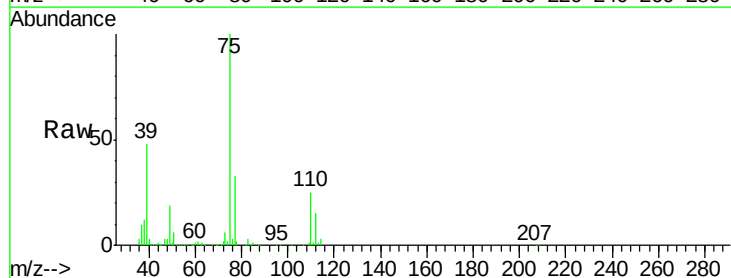
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

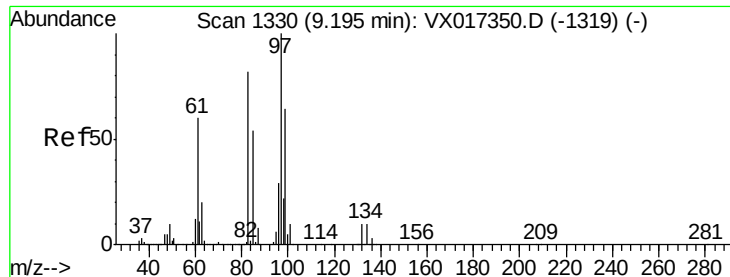
Tot Ion: 75 Resp: 92822
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.865 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 75 Resp: 101145
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 47.0 38.9 58.3

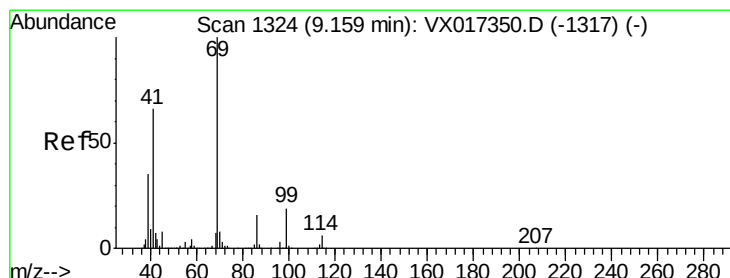
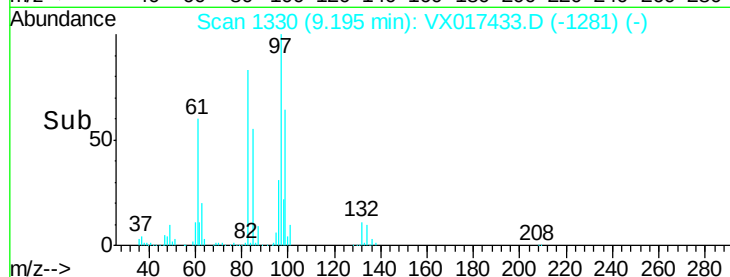
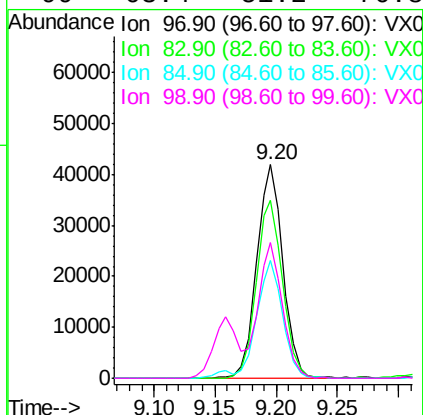
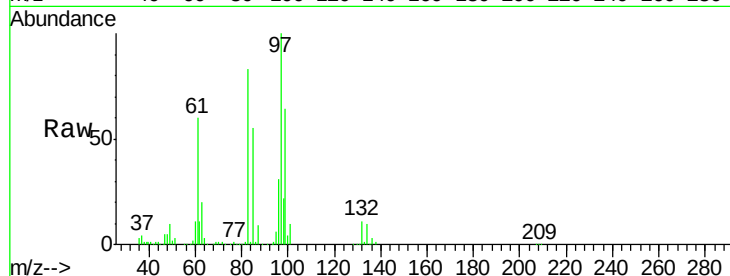




#55
 1,1,2-Trichloroethane
 Concen: 20.384 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

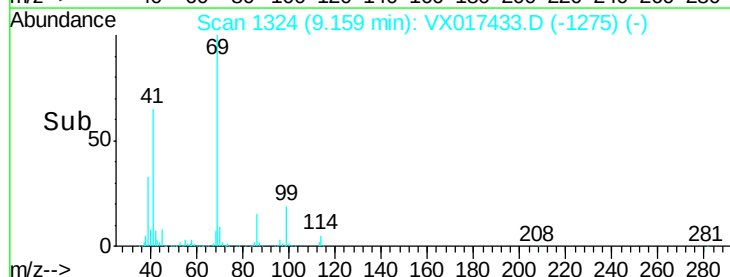
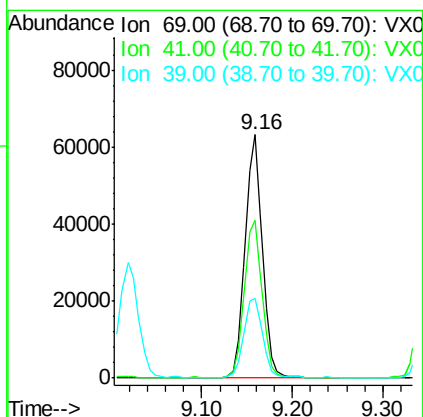
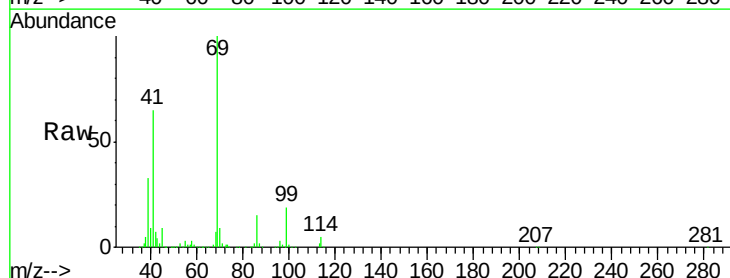
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

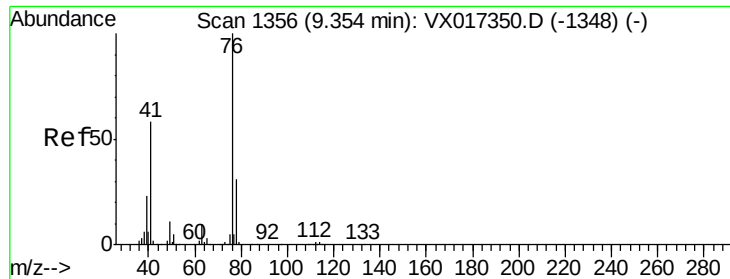
Tot Ion:	97	Resp:	62648
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.8	98.6
85	55.4	42.8	64.2
99	63.4	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 19.185 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion:	69	Resp:	83713
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.6	78.8
39	35.5	28.8	43.2

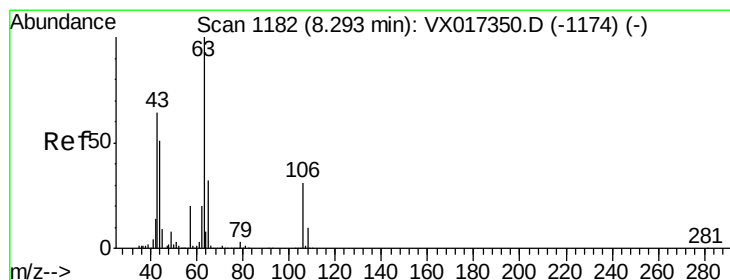
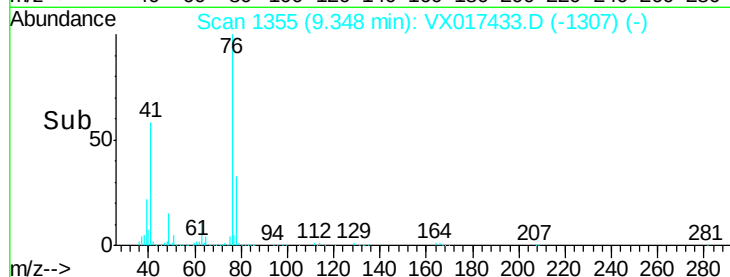
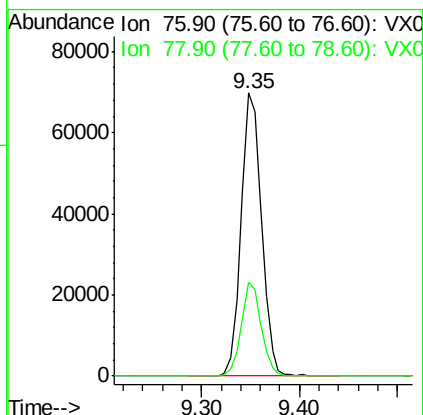
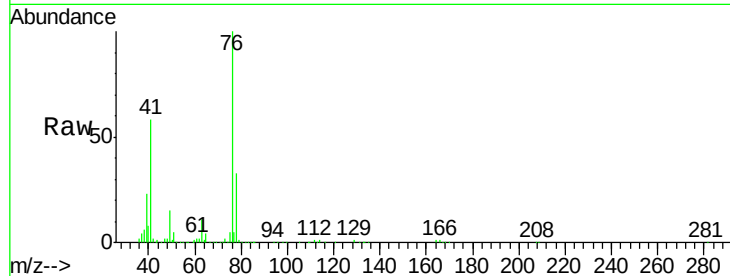




#57
 1,3-Dichloropropane
 Concen: 19.817 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

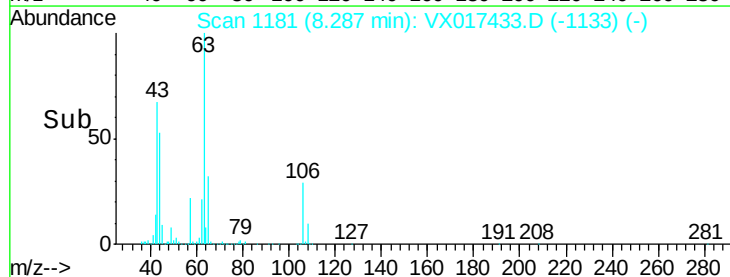
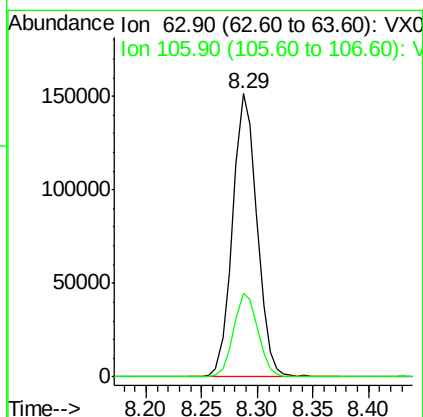
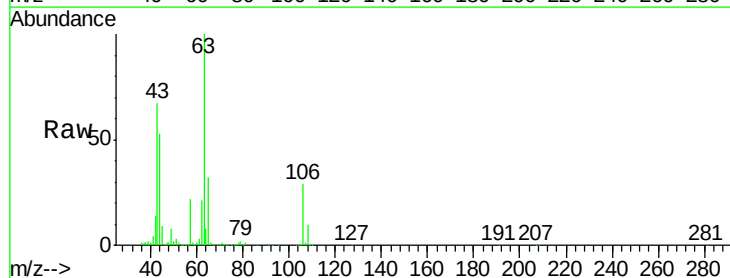
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

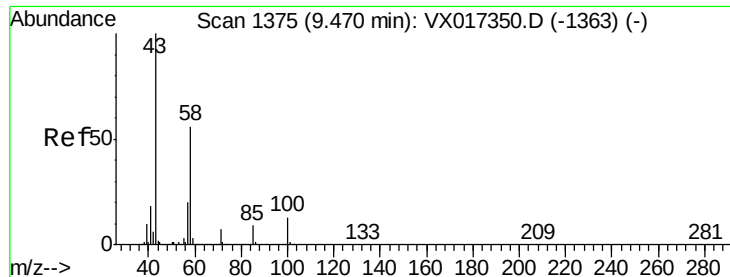
Tot Ion: 76 Resp: 101311
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.099 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion: 63 Resp: 230636
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.8 37.2

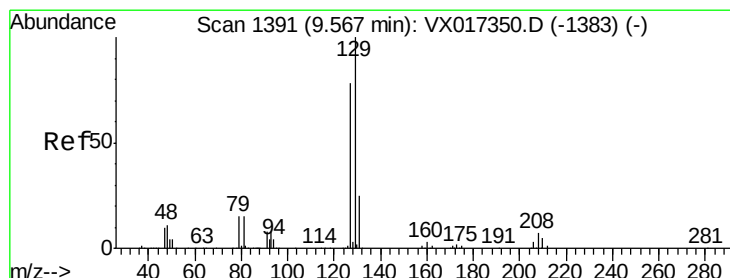
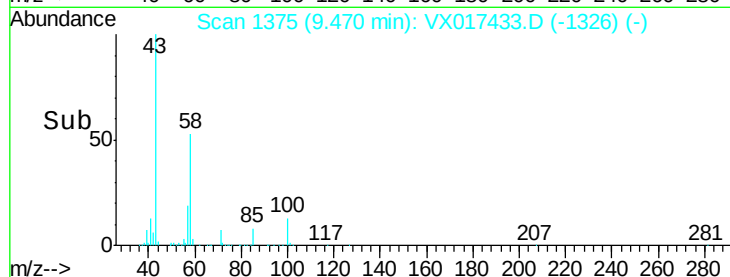
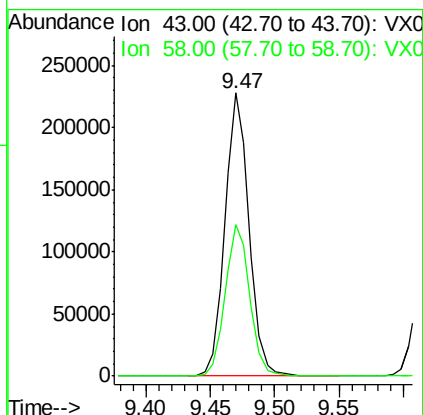
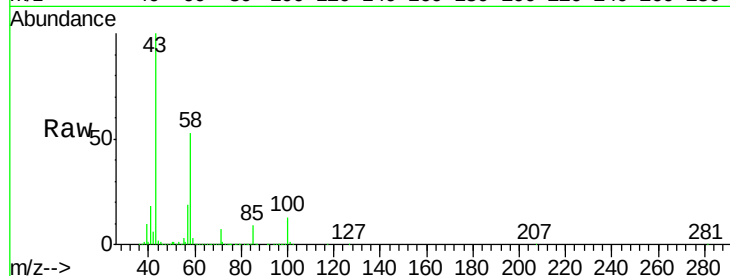




#59
2-Hexanone
Concen: 98.161 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

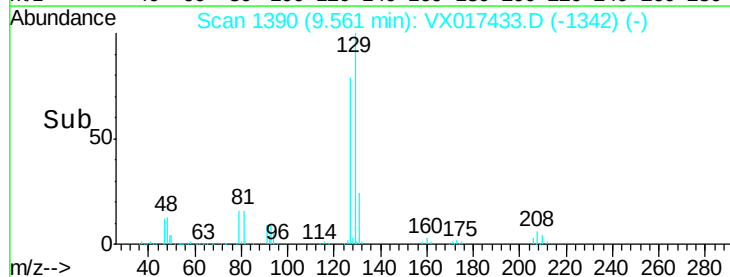
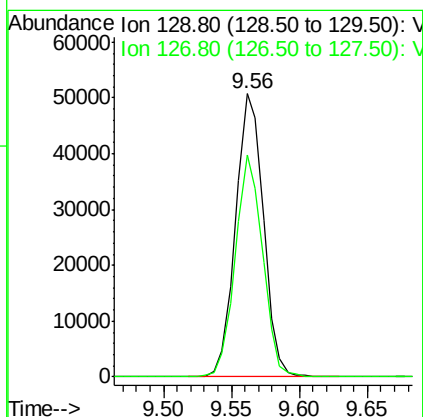
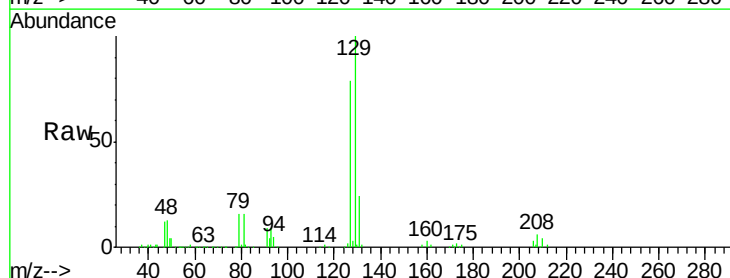
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

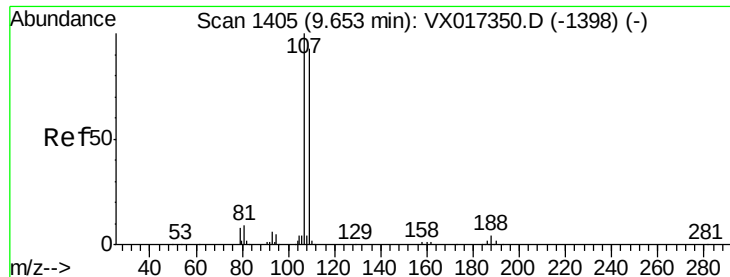
Tot Ion: 43 Resp: 298346
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.3



#60
Dibromochloromethane
Concen: 19.258 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion: 129 Resp: 72306
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.631 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

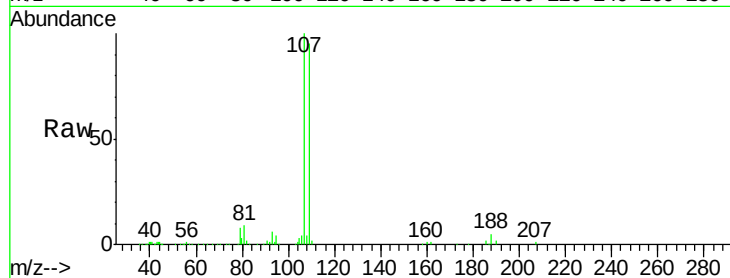
VX0720WBSD01

Tot Ion: 107 Resp: 65634

Ion Ratio Lower Upper

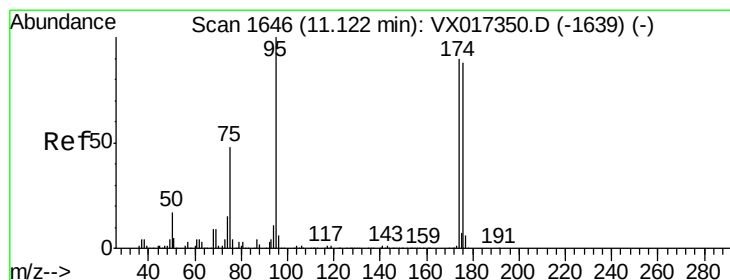
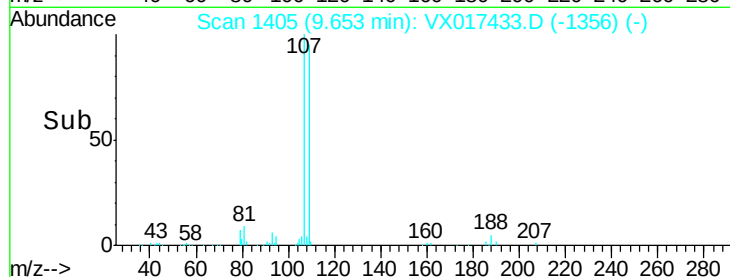
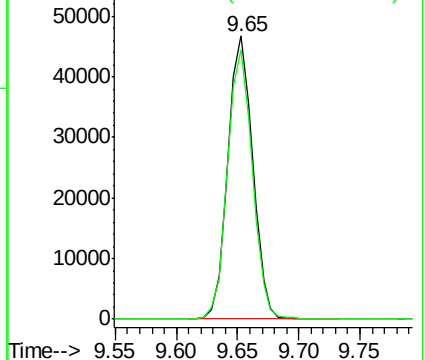
107 100

109 95.5 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.004 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

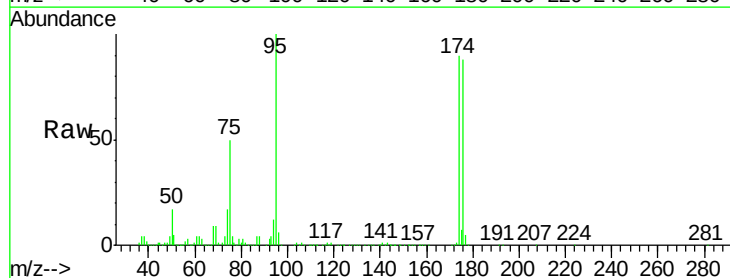
Tgt Ion: 95 Resp: 213890

Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.8

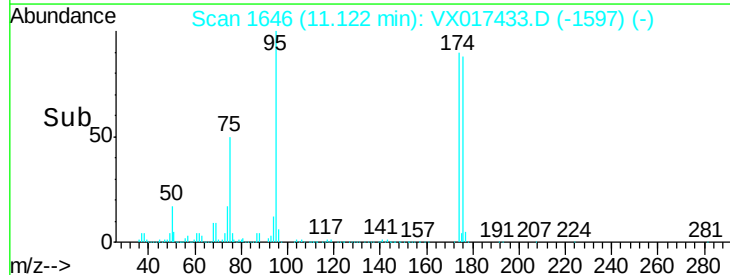
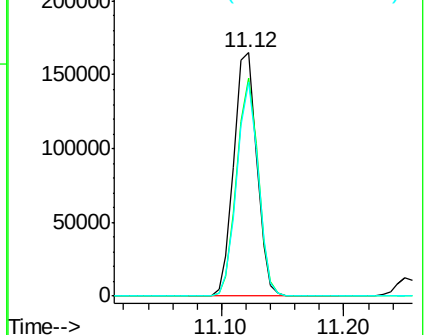
176 82.3 0.0 164.6

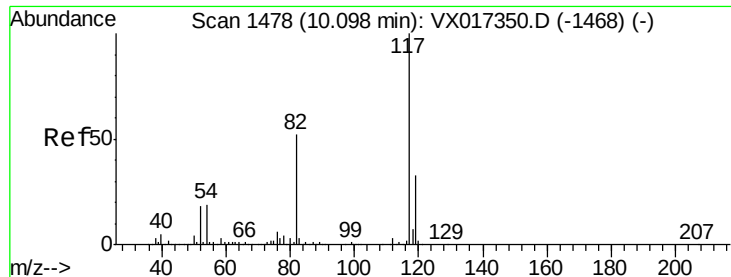


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

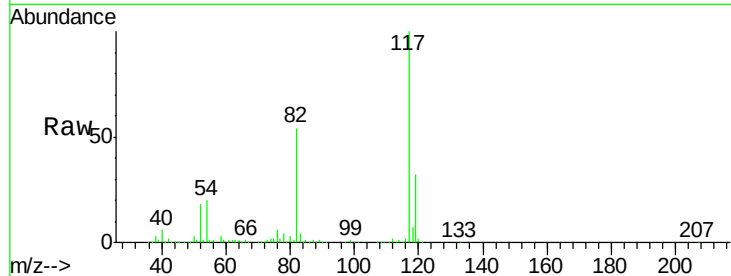




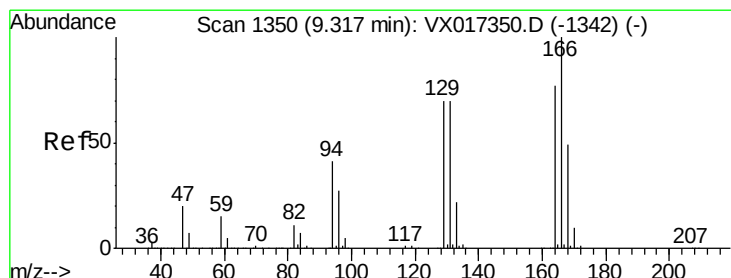
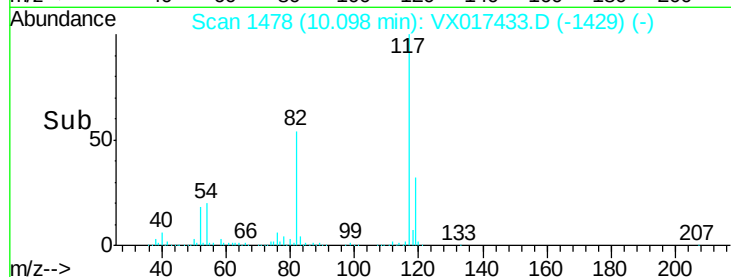
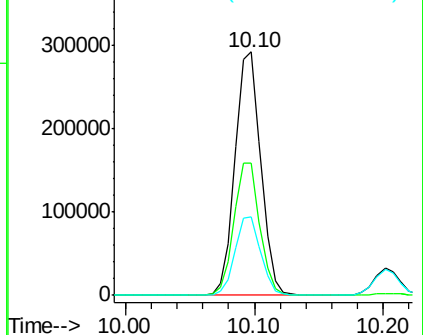
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion:117 Resp: 407504
Ion Ratio Lower Upper
117 100
82 54.3 42.0 63.0
119 32.1 26.3 39.5

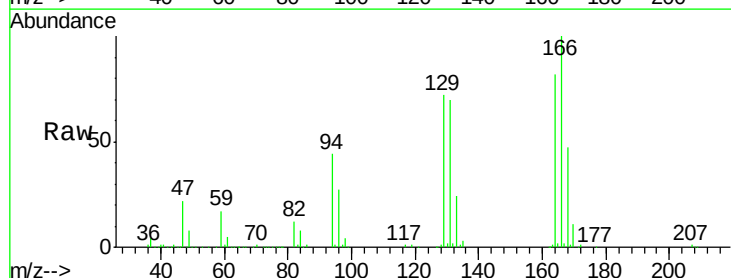


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

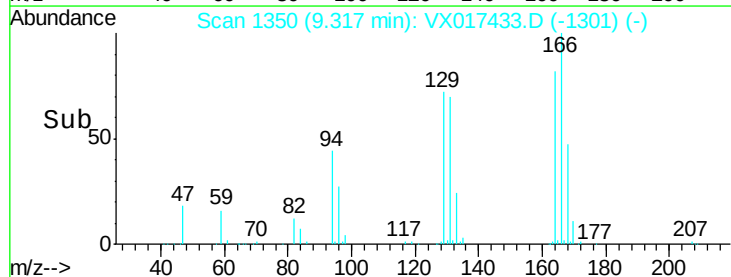
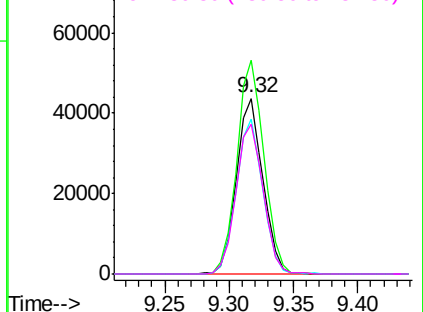


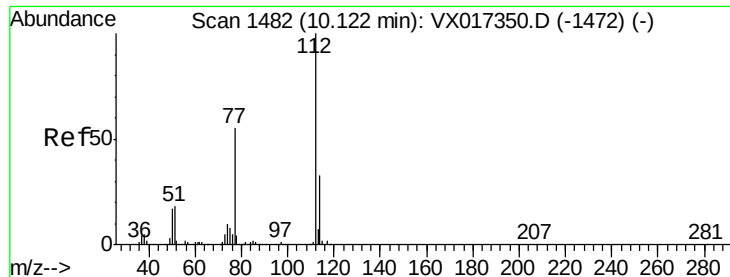
#64
Tetrachloroethene
Concen: 17.765 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion:164 Resp: 62657
Ion Ratio Lower Upper
164 100
166 121.4 103.9 155.9
129 87.9 72.9 109.3
131 85.1 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.628 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

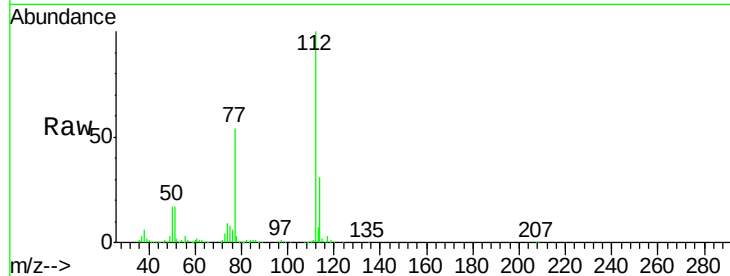
VX0720WBSD01

Tot Ion:112 Resp: 162545

Ion Ratio Lower Upper

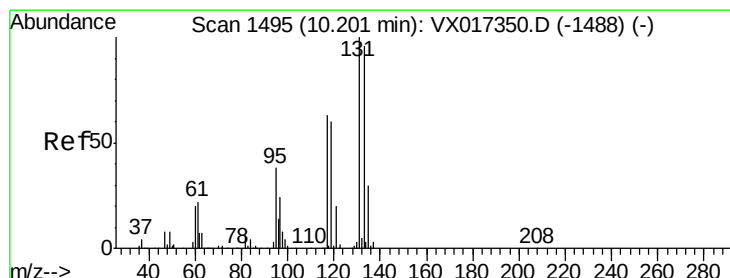
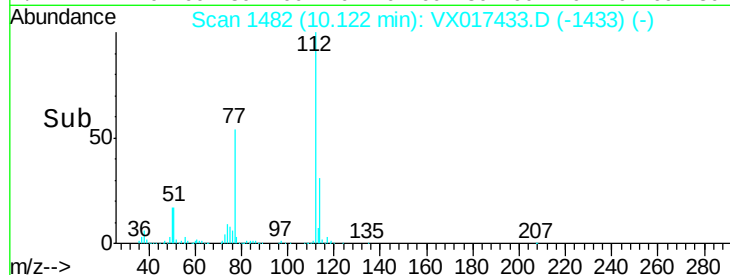
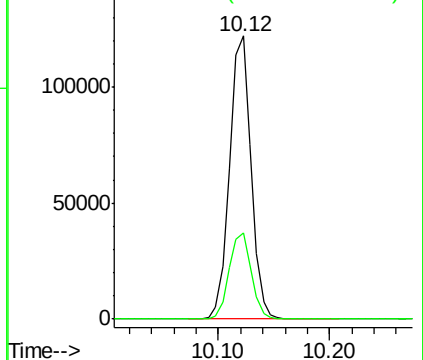
112 100

114 30.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.465 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

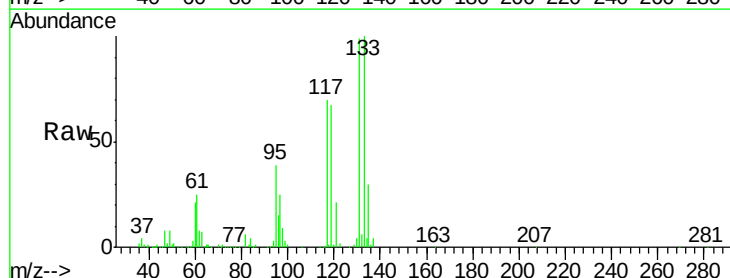
Tgt Ion:131 Resp: 64177

Ion Ratio Lower Upper

131 100

133 97.5 48.4 145.2

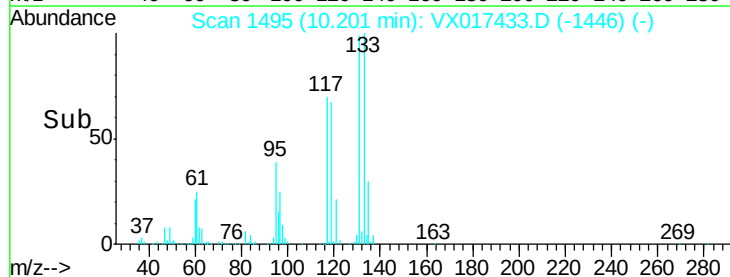
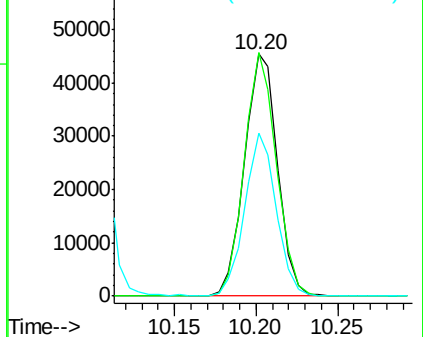
119 64.2 31.2 93.6

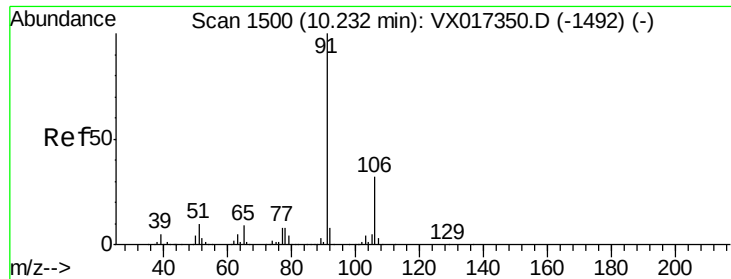


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.576 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

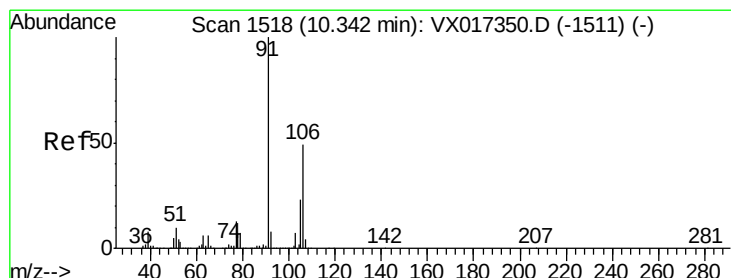
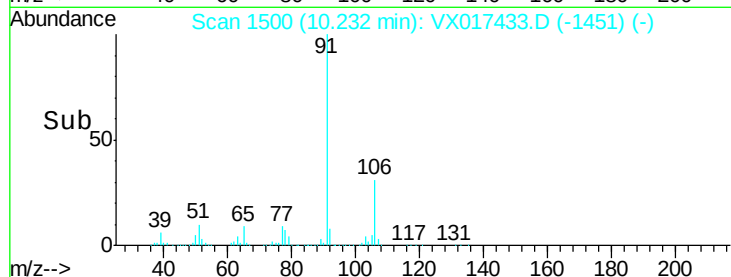
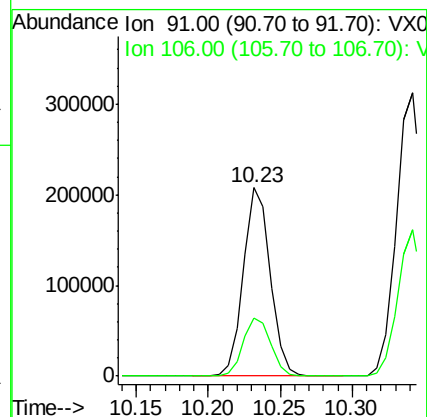
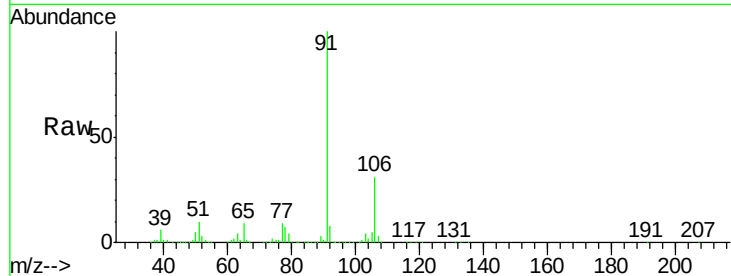
VX0720WBSD01

Tot Ion: 91 Resp: 269878

Ion Ratio Lower Upper

91 100

106 30.7 25.7 38.5



#68

m/p-Xylenes

Concen: 40.159 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017433.D

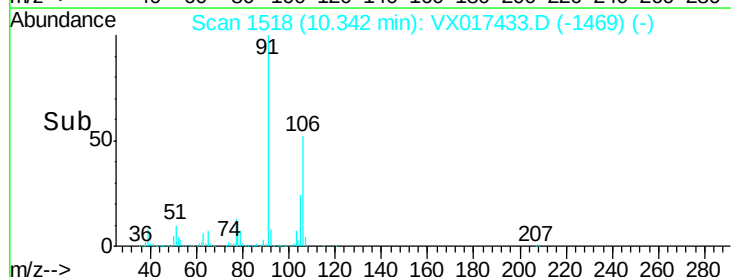
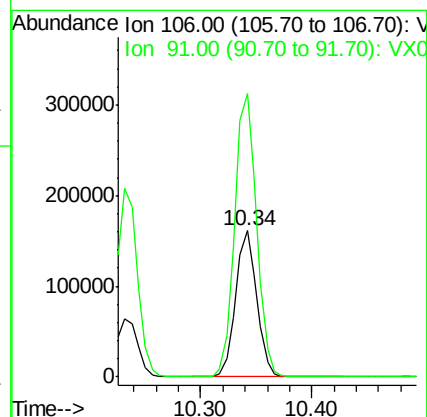
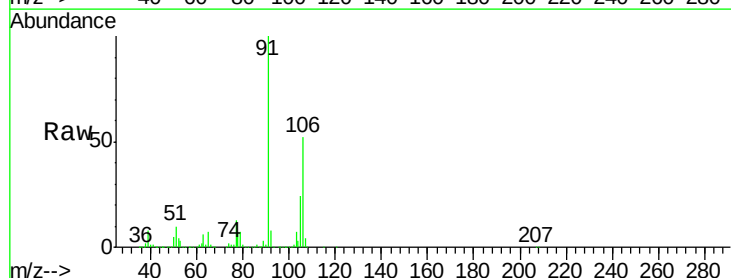
Acq: 20 Jul 2020 12:17

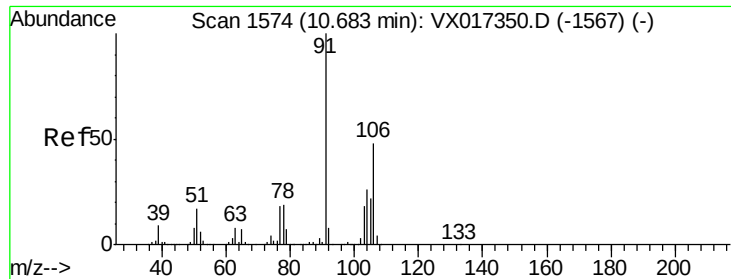
Tgt Ion: 106 Resp: 210648

Ion Ratio Lower Upper

106 100

91 201.5 162.5 243.7

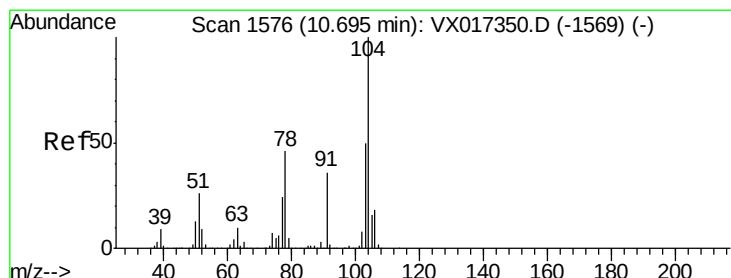
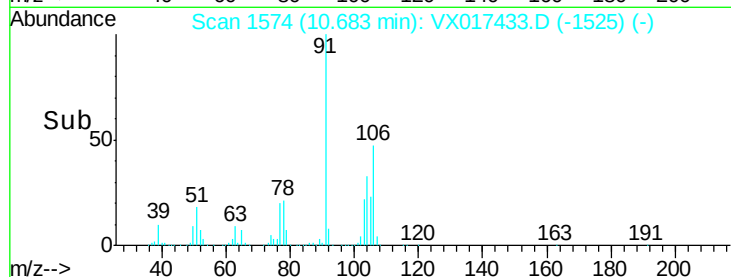
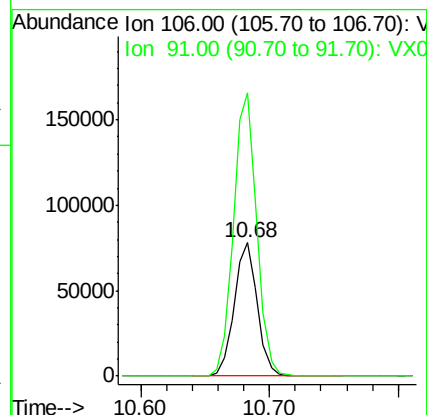
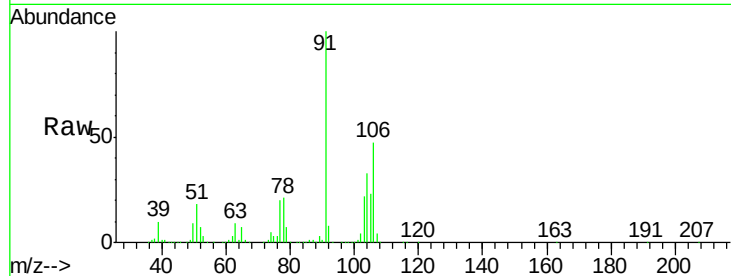




#69
o-Xylene
Concen: 19.447 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

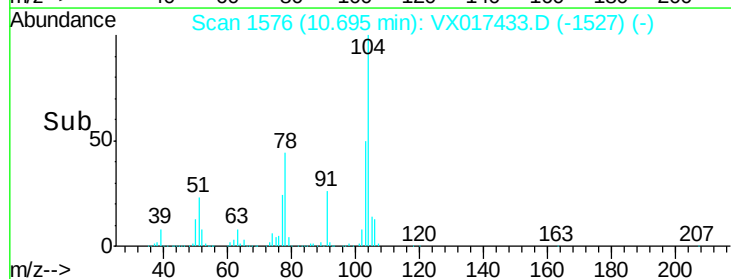
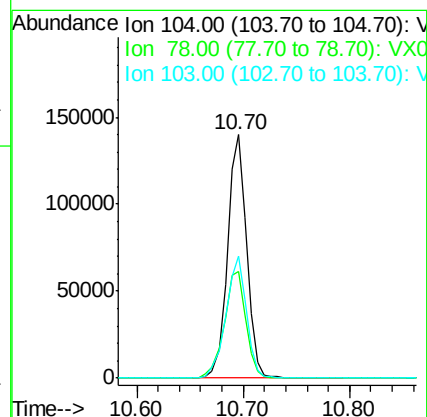
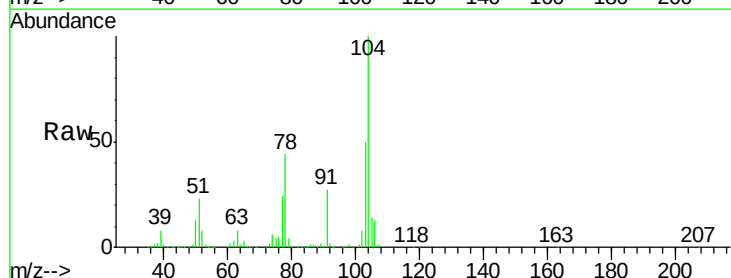
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

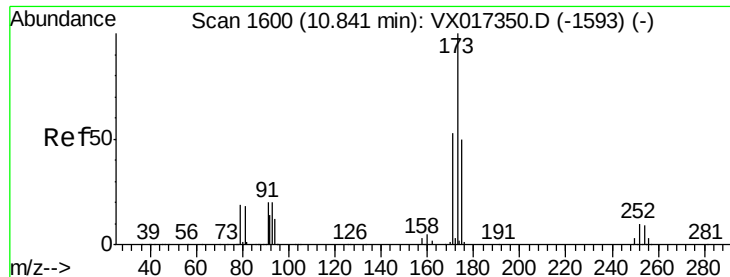
Tot Ion:106 Resp: 97470
Ion Ratio Lower Upper
106 100
91 215.1 106.1 318.1



#70
Styrene
Concen: 20.453 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion:104 Resp: 175967
Ion Ratio Lower Upper
104 100
78 49.5 40.8 61.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 19.532 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

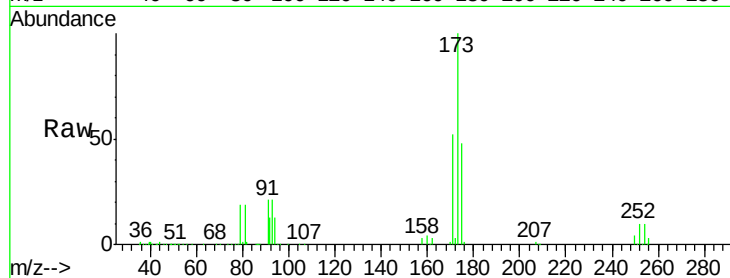
Tot Ion:173 Resp: 54341

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

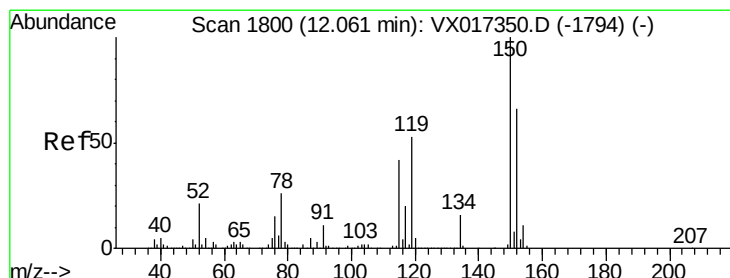
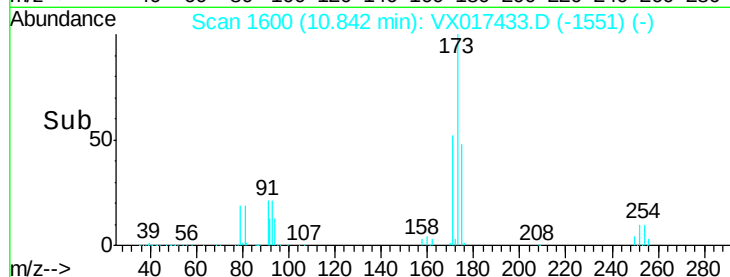
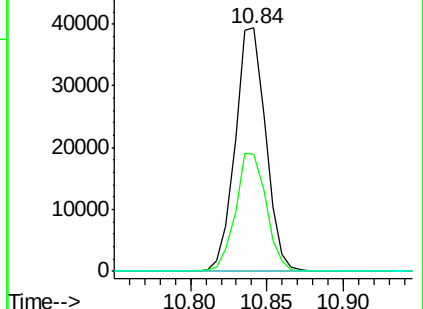
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

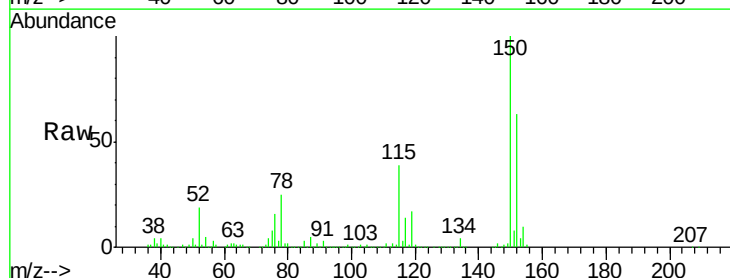
Tgt Ion:152 Resp: 221513

Ion Ratio Lower Upper

152 100

115 67.2 39.9 119.7

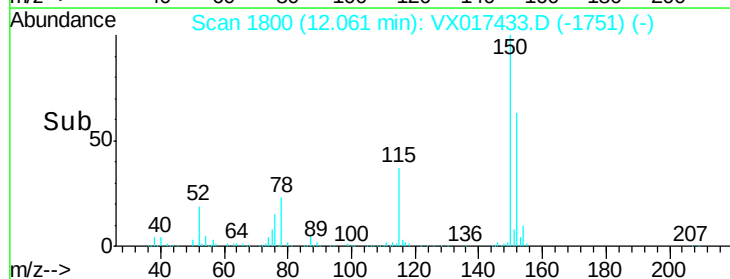
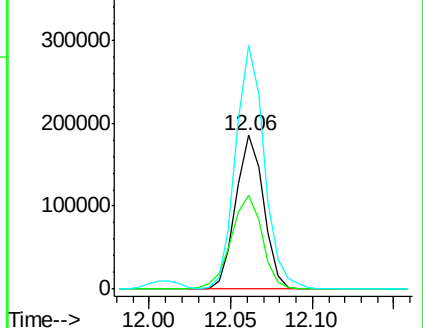
150 162.7 0.0 343.4

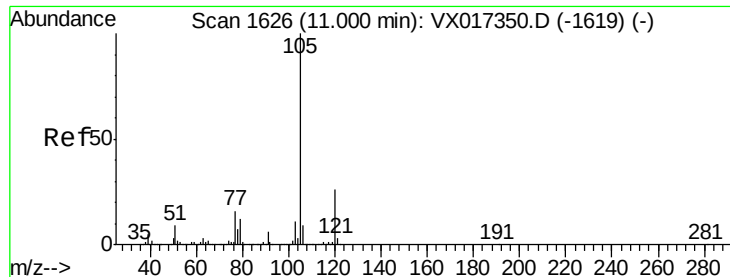


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.592 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

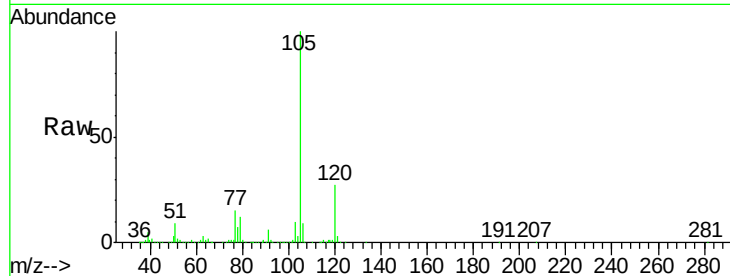
VX0720WBSD01

Tot Ion:105 Resp: 272049

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

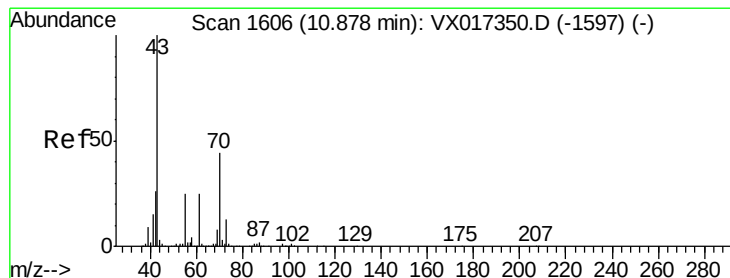
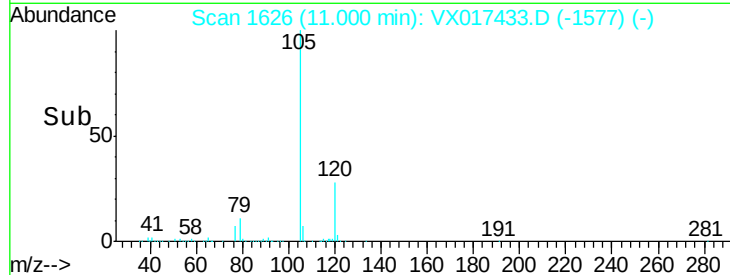
100000

50000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 19.943 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Tgt Ion: 43 Resp: 110815

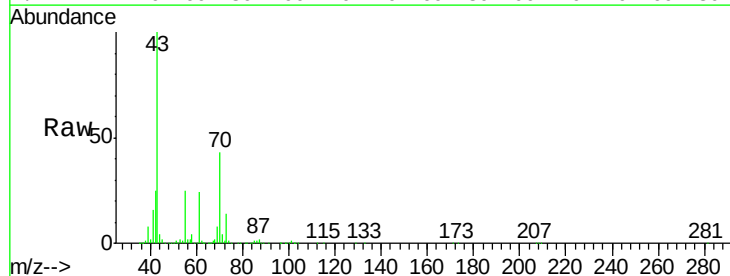
Ion Ratio Lower Upper

43 100

70 44.5 35.7 53.5

55 25.8 20.3 30.5

61 24.8 20.0 30.0



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

150000

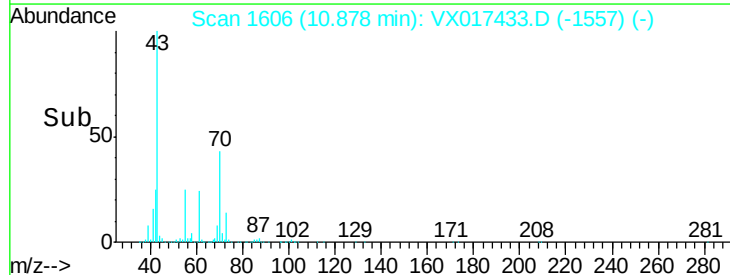
100000

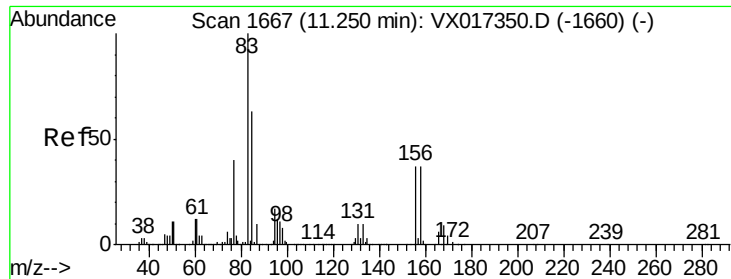
50000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.946 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

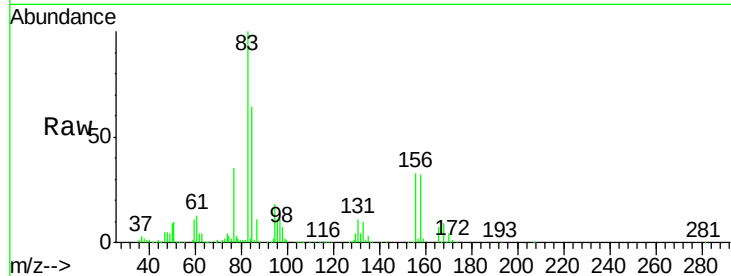
Tot Ion: 83 Resp: 88312

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

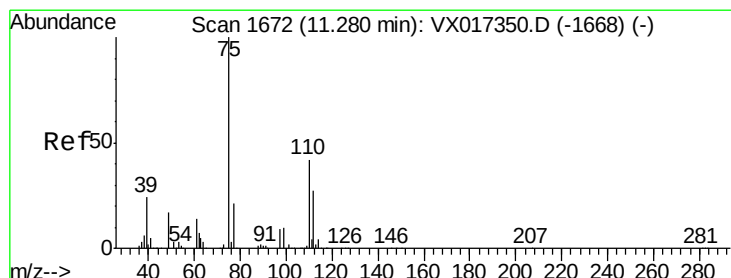
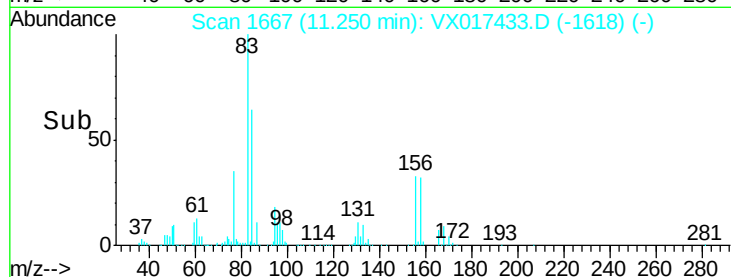
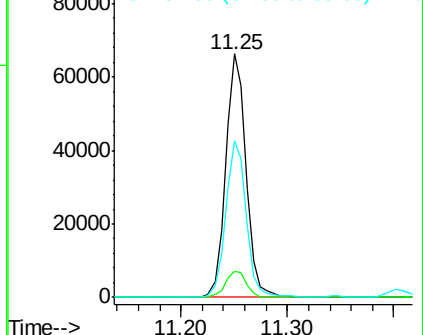
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.192 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017433.D

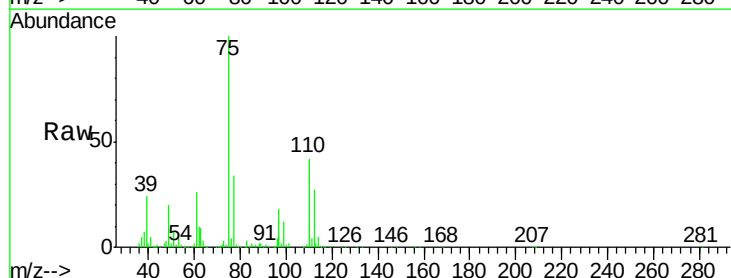
Acq: 20 Jul 2020 12:17

Tgt Ion: 75 Resp: 86744

Ion Ratio Lower Upper

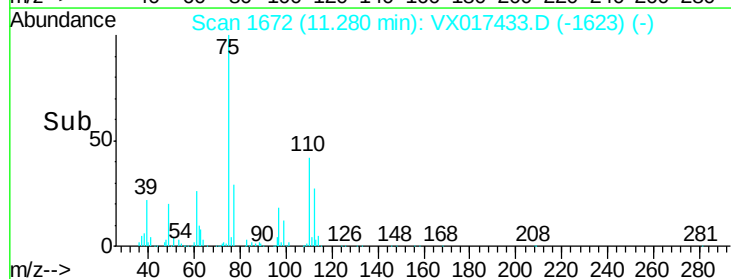
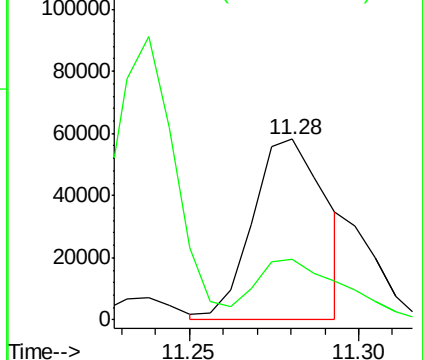
75 100

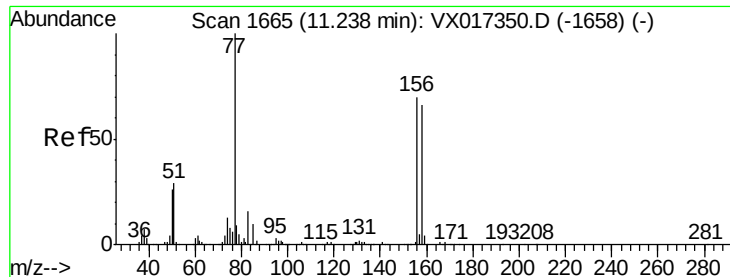
77 40.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.237 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

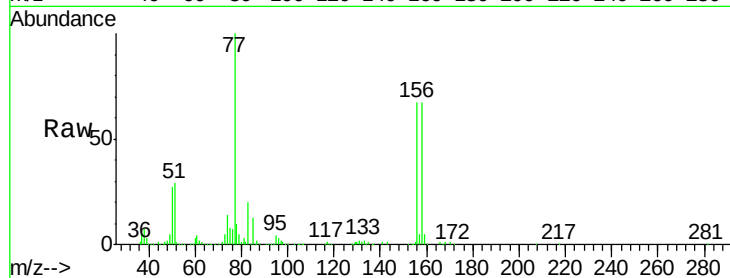
Tot Ion:156 Resp: 76079

Ion Ratio Lower Upper

156 100

77 151.8 72.1 216.3

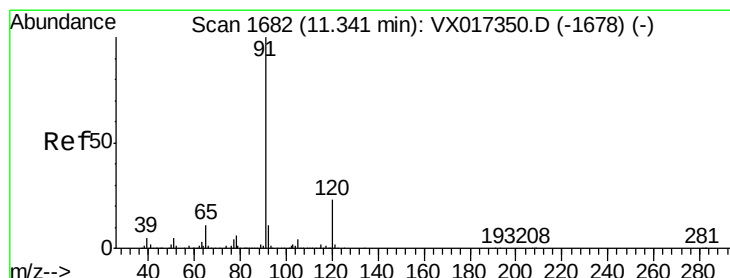
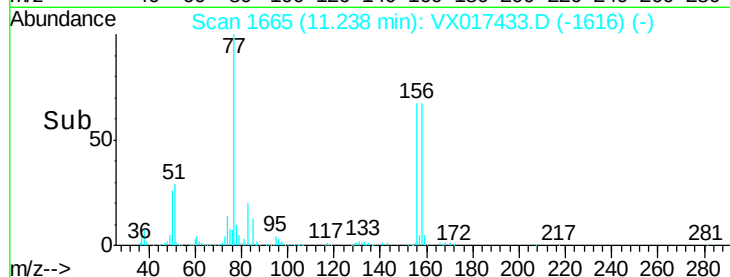
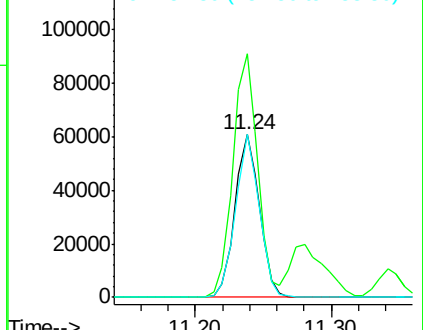
158 97.0 47.4 142.3



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: 19.978 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017433.D

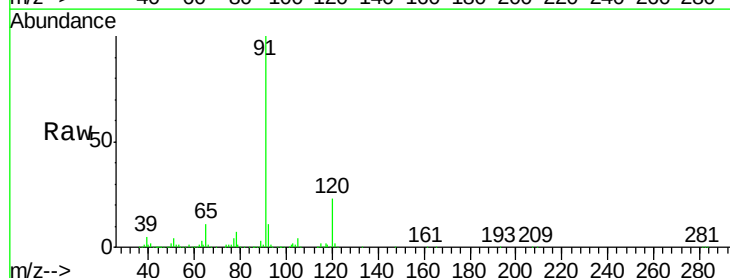
Acq: 20 Jul 2020 12:17

Tgt Ion: 91 Resp: 311565

Ion Ratio Lower Upper

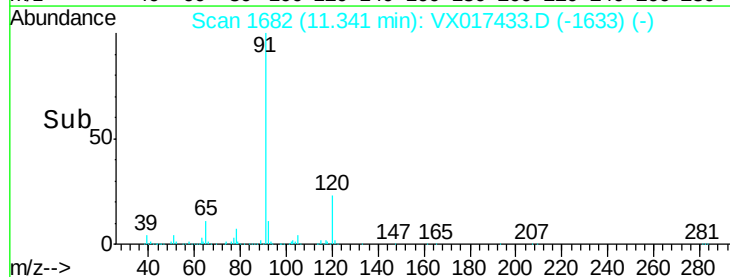
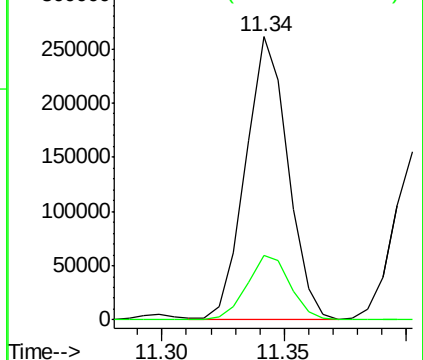
91 100

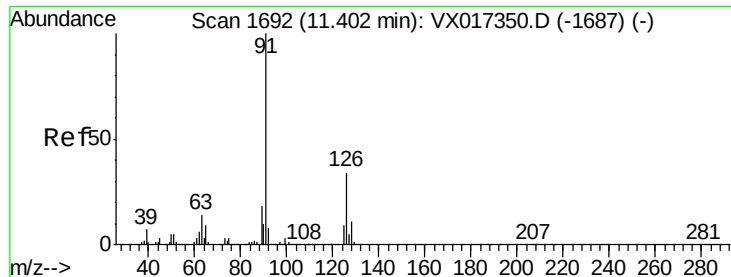
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.845 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

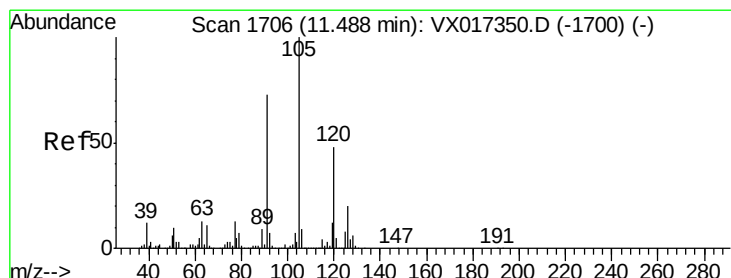
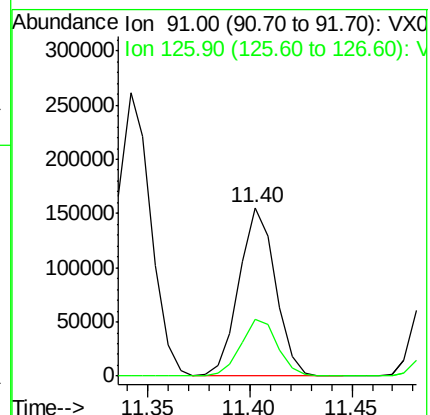
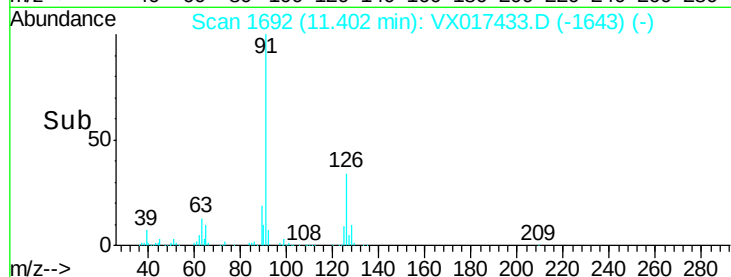
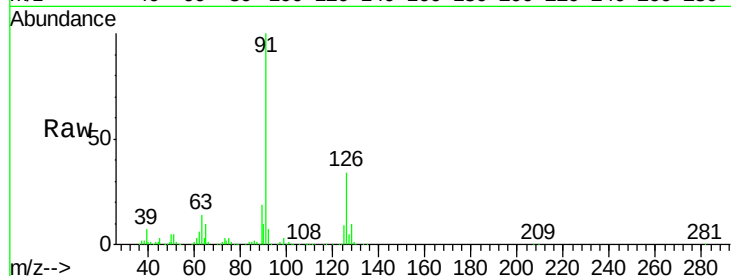
VX0720WBSD01

Tot Ion: 91 Resp: 190720

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.783 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017433.D

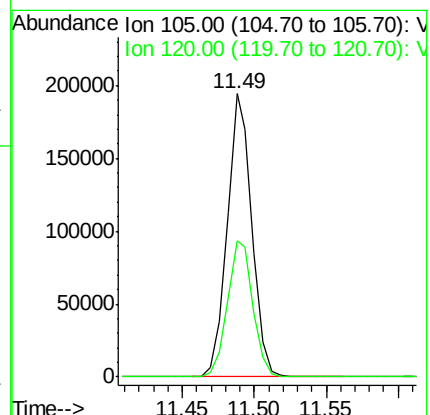
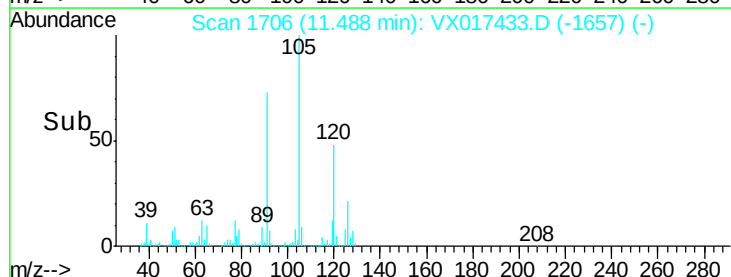
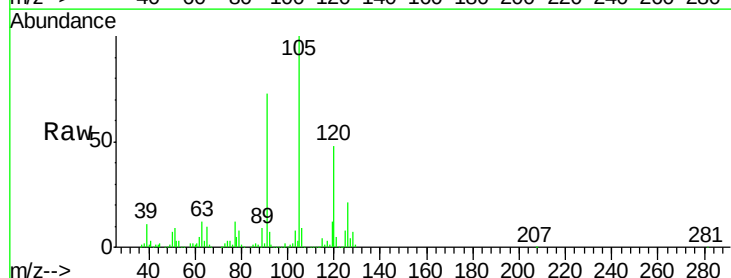
Acq: 20 Jul 2020 12:17

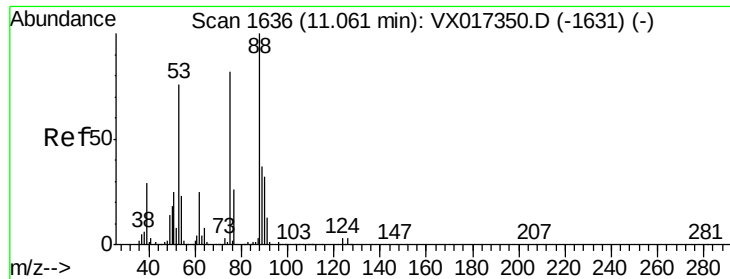
Tgt Ion: 105 Resp: 233188

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.035 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

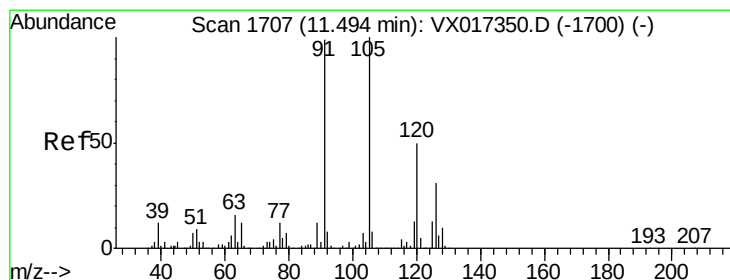
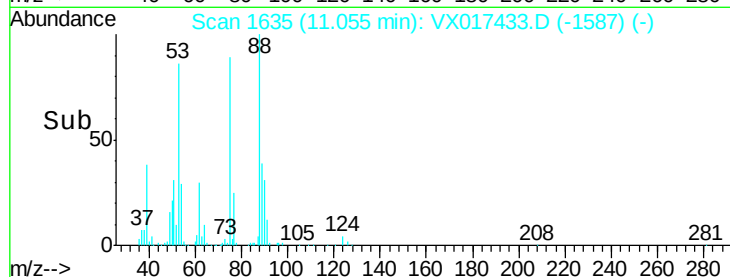
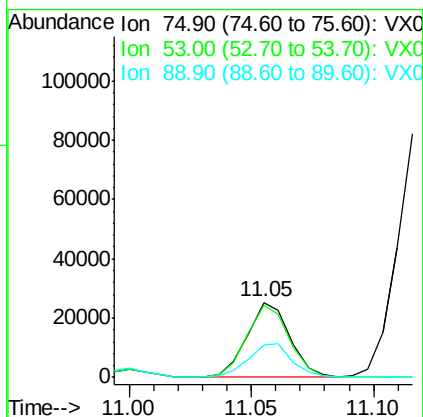
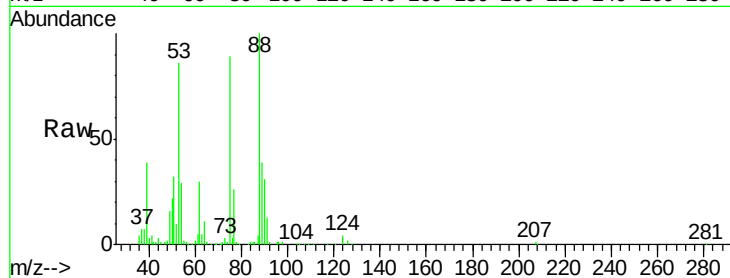
Tot Ion: 75 Resp: 30713

Ion Ratio Lower Upper

75 100

53 96.7 76.5 114.7

89 46.3 38.1 57.1



#82

4-Chlorotoluene

Concen: 19.831 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017433.D

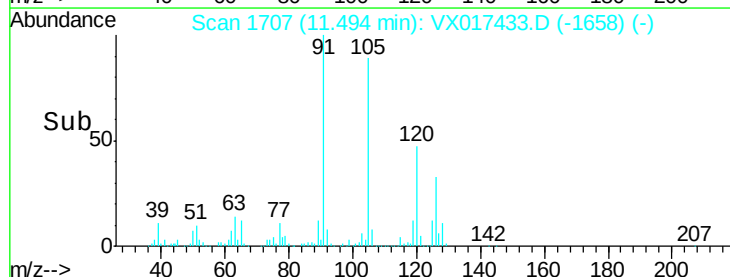
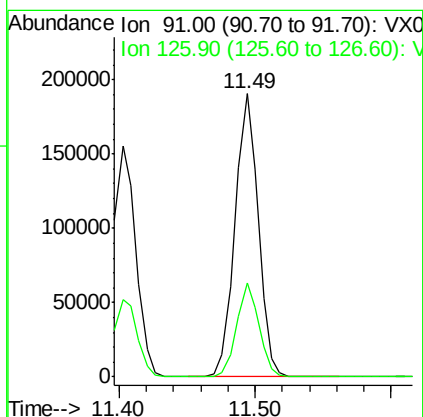
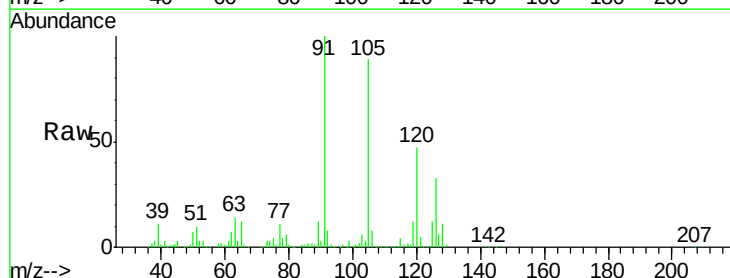
Acq: 20 Jul 2020 12:17

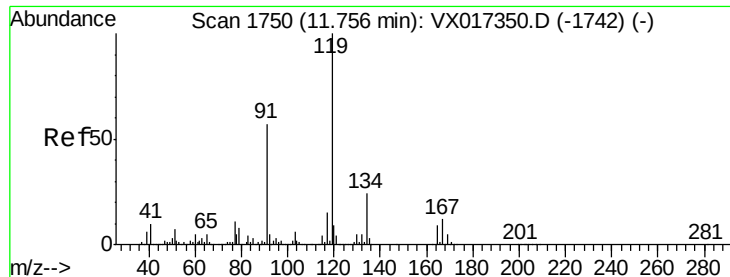
Tgt Ion: 91 Resp: 225863

Ion Ratio Lower Upper

91 100

126 31.9 15.4 46.2

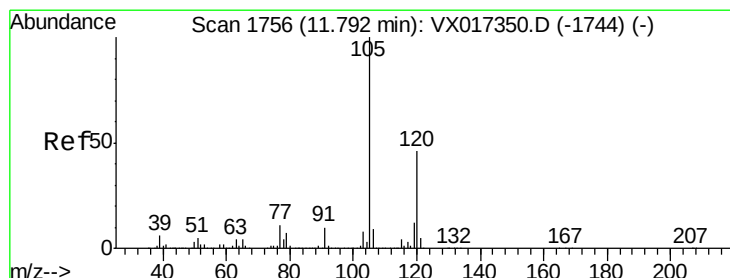
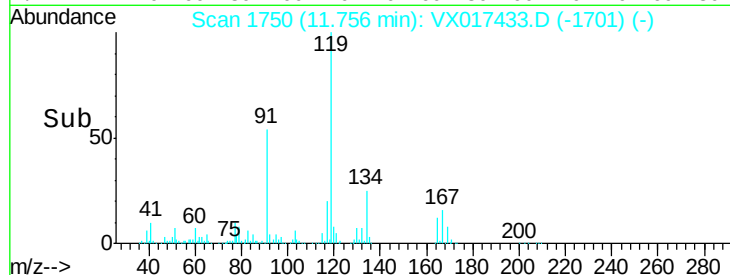
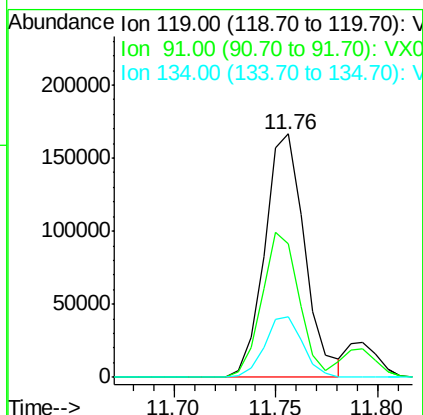
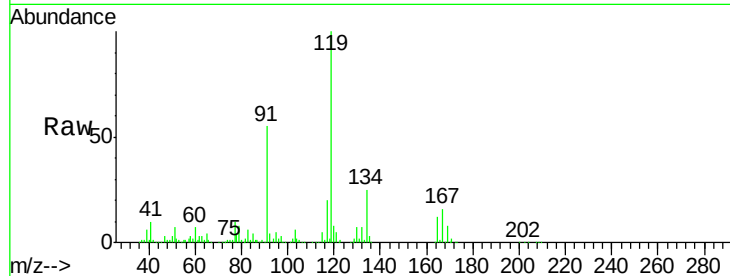




#83
 tert-Butylbenzene
 Concen: 19.969 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

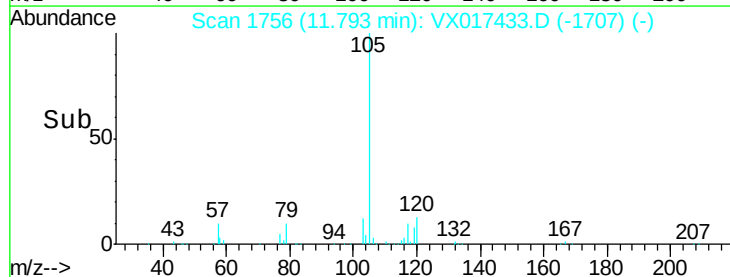
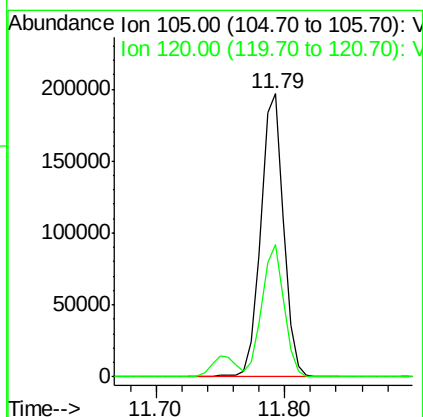
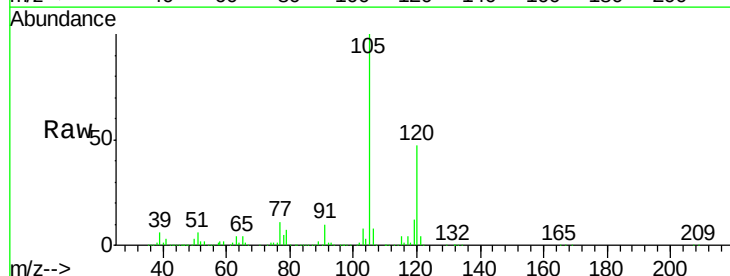
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

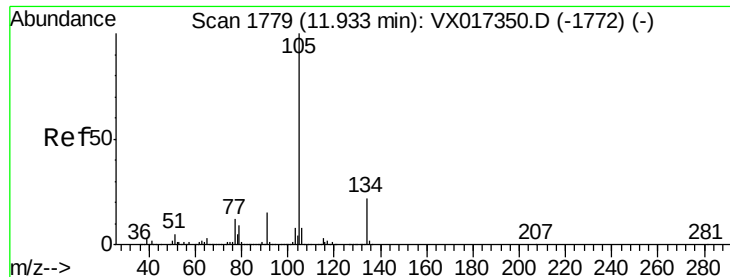
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.5	85.6
134	23.6	11.9	35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.018 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4

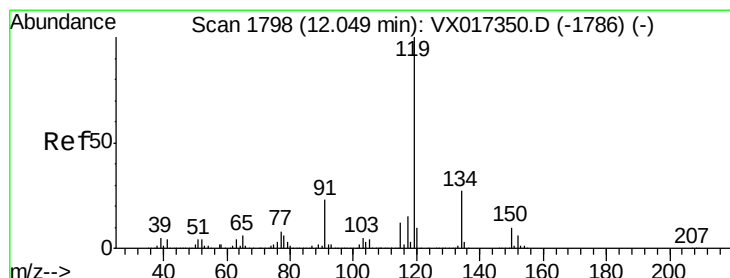
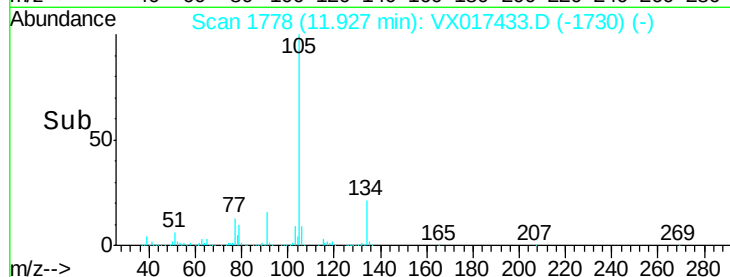
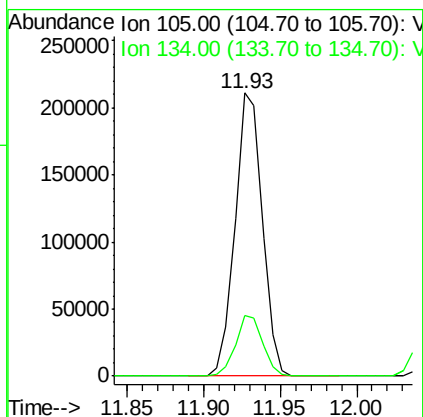
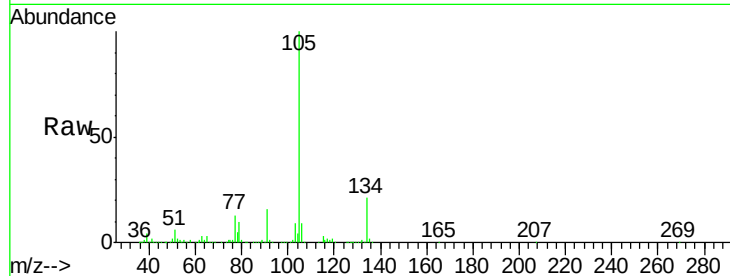




#85
 sec-Butylbenzene
 Concen: 19.582 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

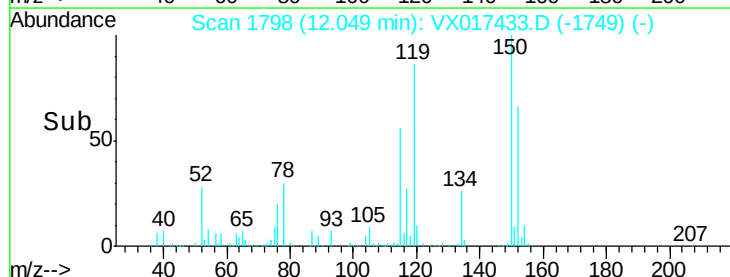
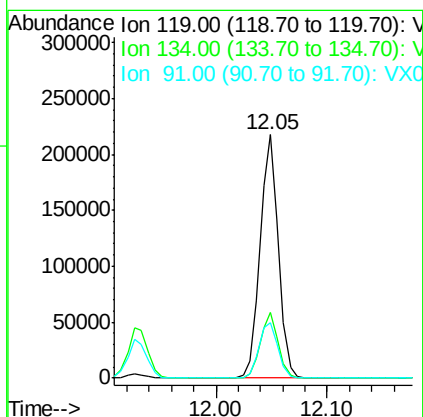
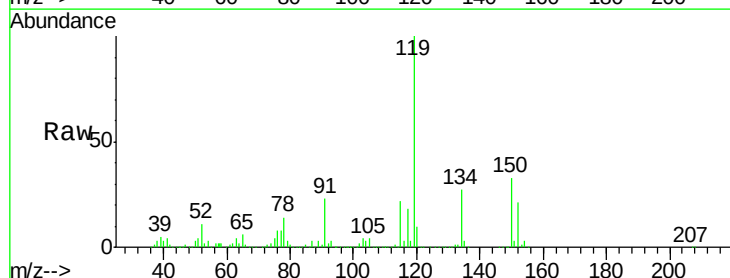
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

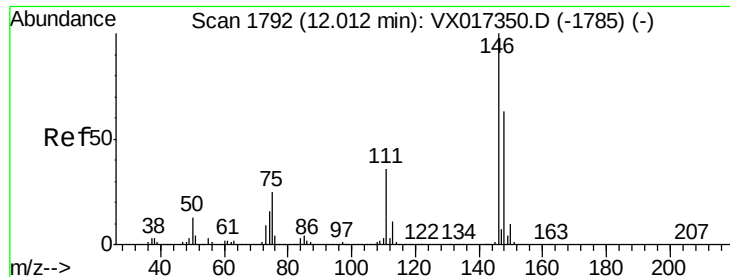
Tot Ion:105 Resp: 261225
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.769 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion:119 Resp: 249535
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.5
 91 23.8 11.8 35.3

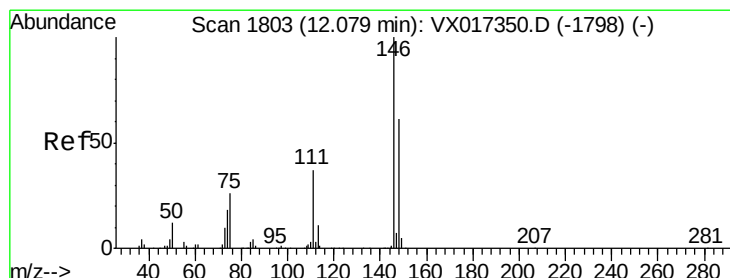
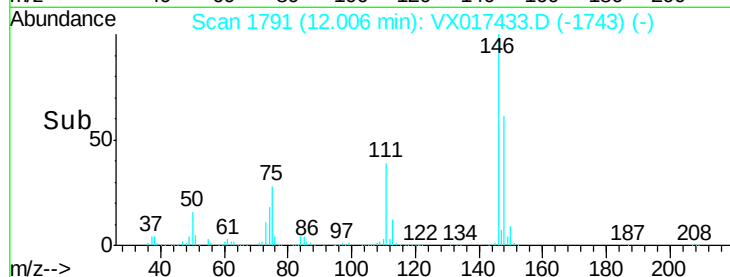
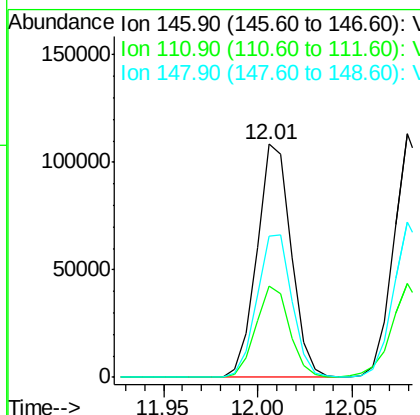
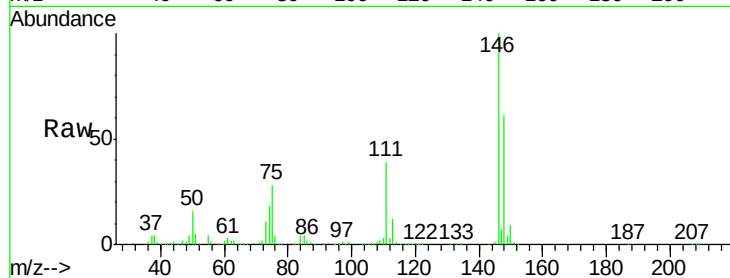




#87
 1,3-Dichlorobenzene
 Concen: 19.305 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

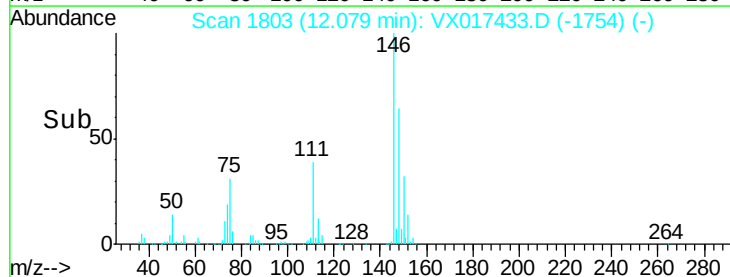
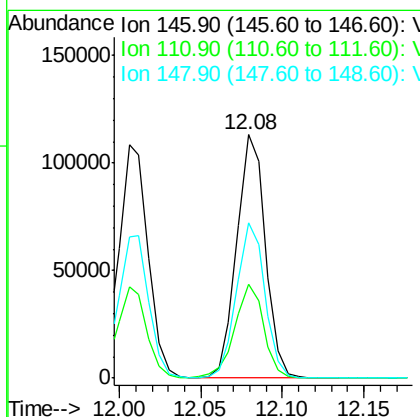
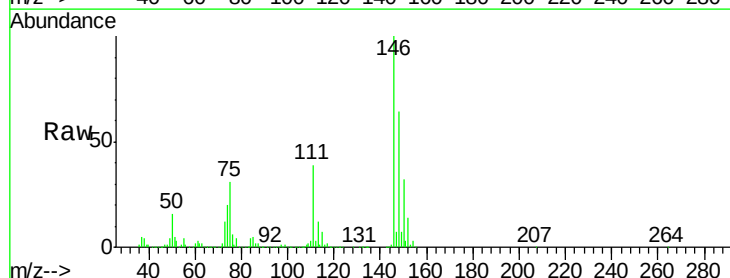
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

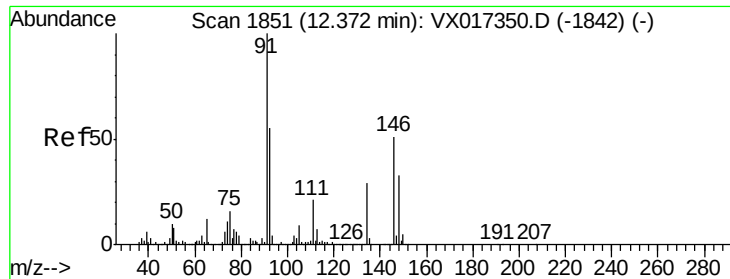
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	62.7	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.394 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.9
148	63.7	31.9	95.9





#89

n-Butylbenzene

Concen: 19.372 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

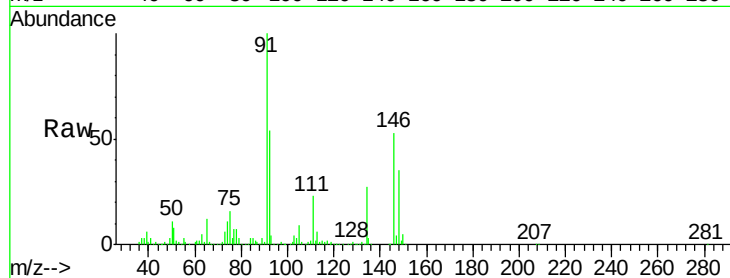
Tot Ion: 91 Resp: 208532

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

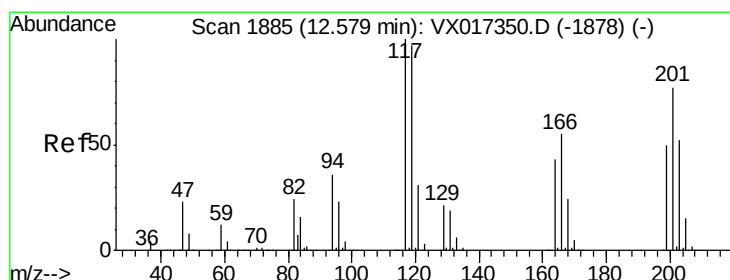
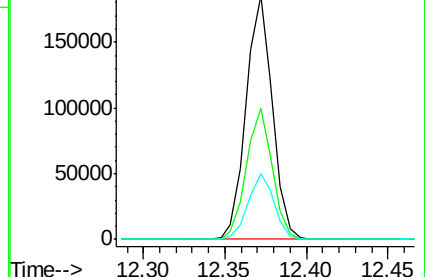
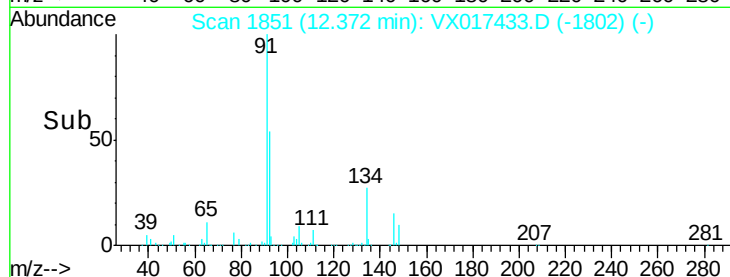
134 26.9 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.351 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017433.D

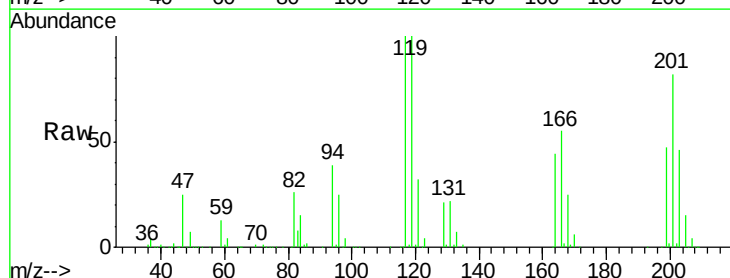
Acq: 20 Jul 2020 12:17

Tgt Ion: 117 Resp: 46371

Ion Ratio Lower Upper

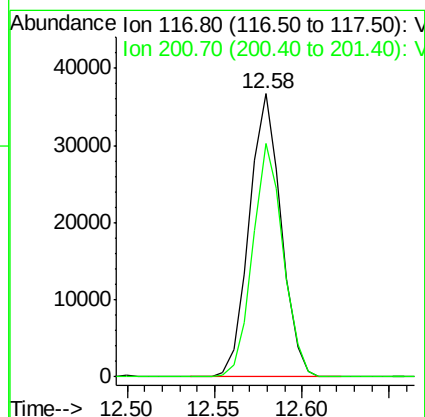
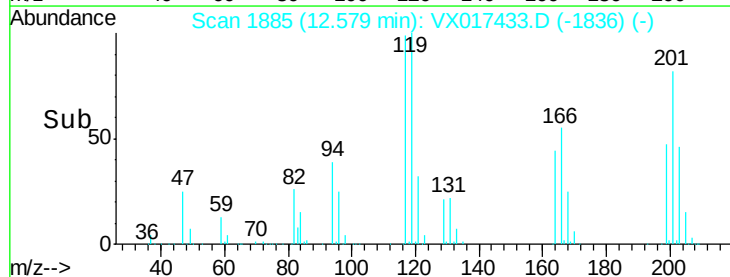
117 100

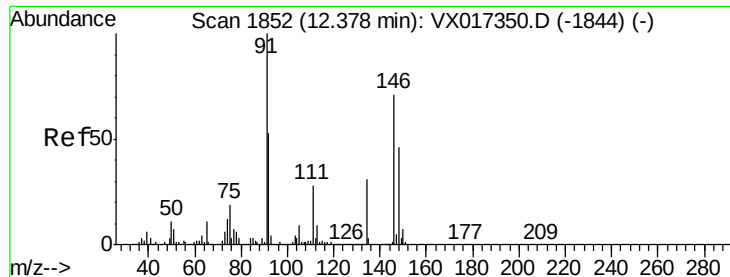
201 78.9 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.495 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

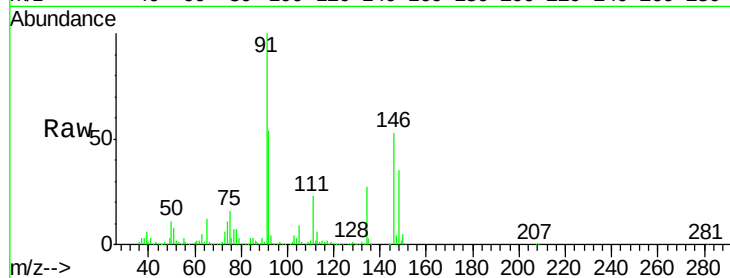
Tot Ion:146 Resp: 129613

Ion Ratio Lower Upper

146 100

111 40.5 20.3 61.0

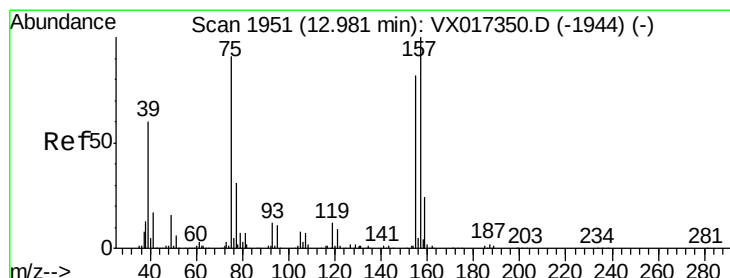
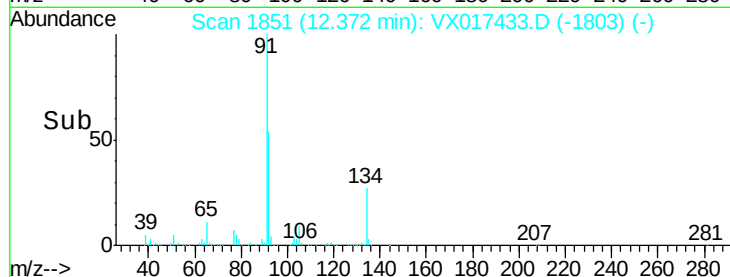
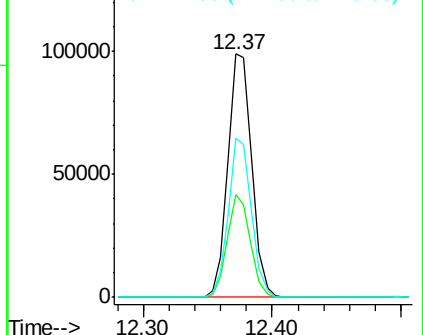
148 63.3 32.0 96.0



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: 17.851 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017433.D

Acq: 20 Jul 2020 12:17

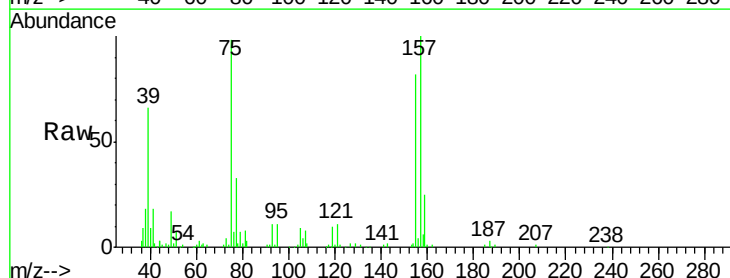
Tgt Ion: 75 Resp: 19859

Ion Ratio Lower Upper

75 100

155 87.7 46.5 139.3

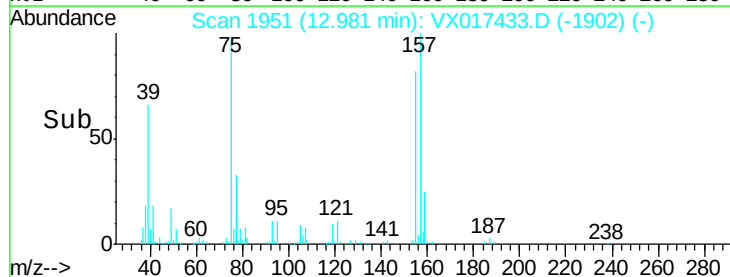
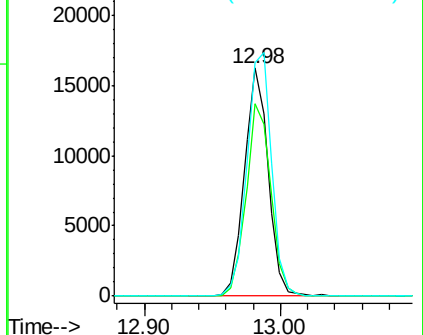
157 111.2 58.0 173.9

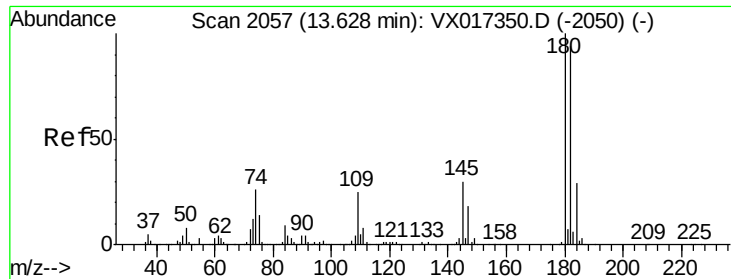


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

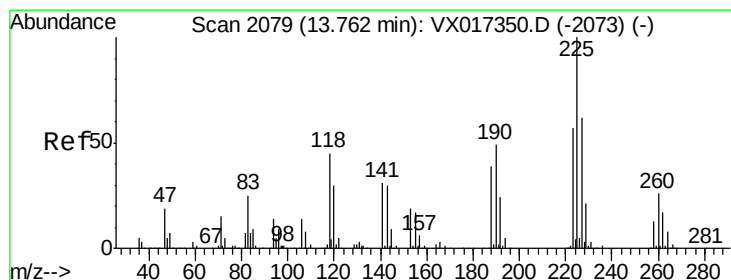
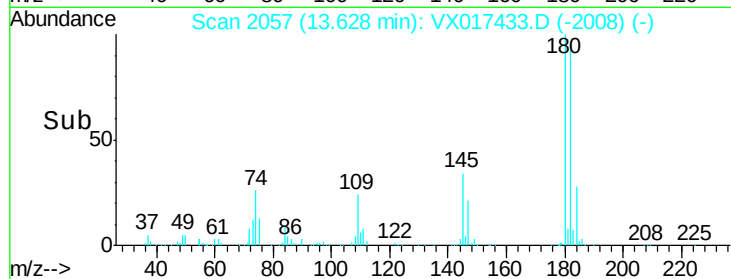
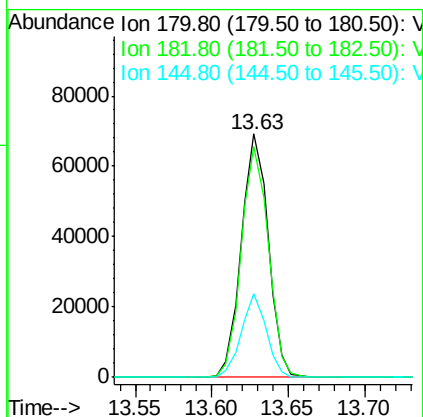
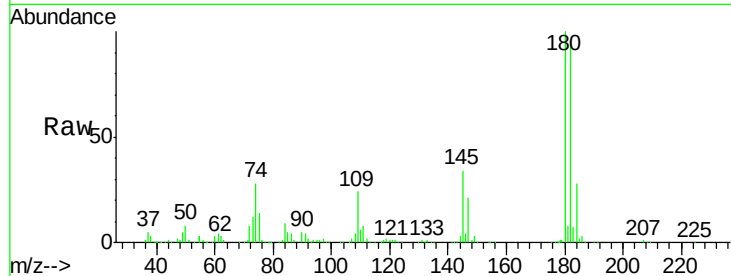




#93
 1,2,4-Trichlorobenzene
 Concen: 18.325 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

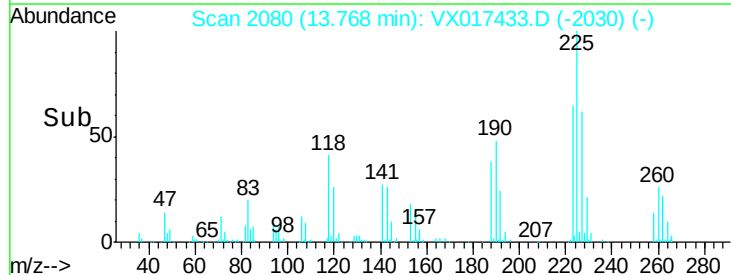
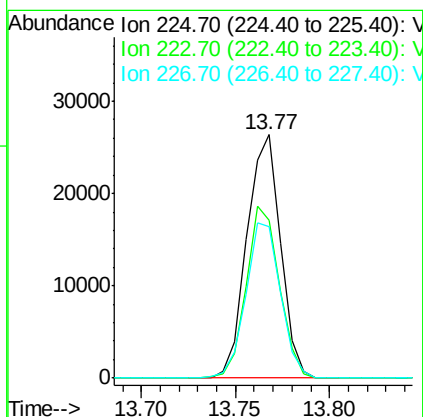
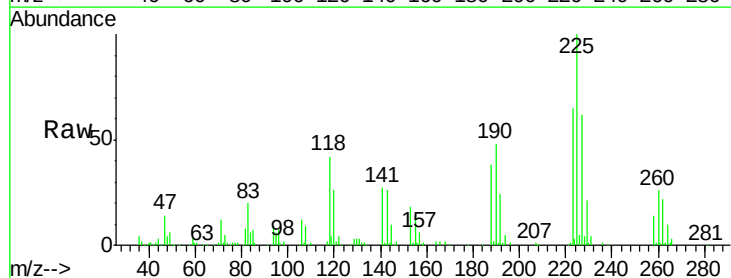
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

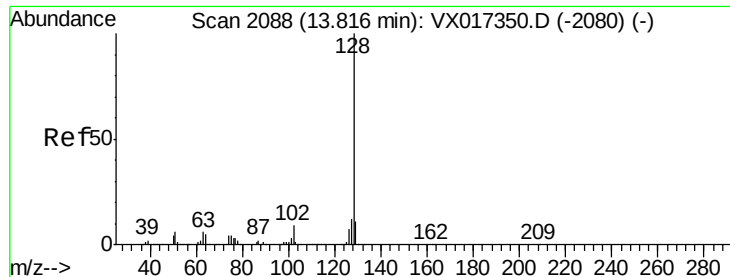
Tot Ion:180 Resp: 84574
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 31.8 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 17.377 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017433.D
 Acq: 20 Jul 2020 12:17

Tgt Ion:225 Resp: 32707
 Ion Ratio Lower Upper
 225 100
 223 69.4 31.3 93.8
 227 65.5 31.6 95.0

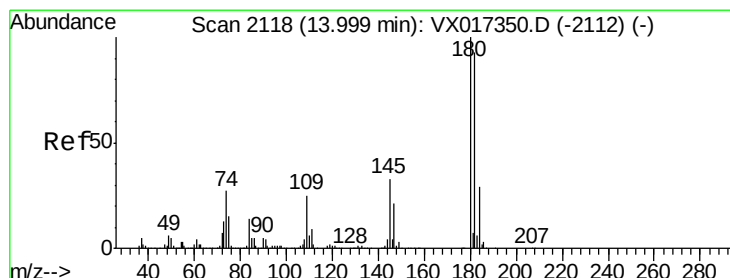
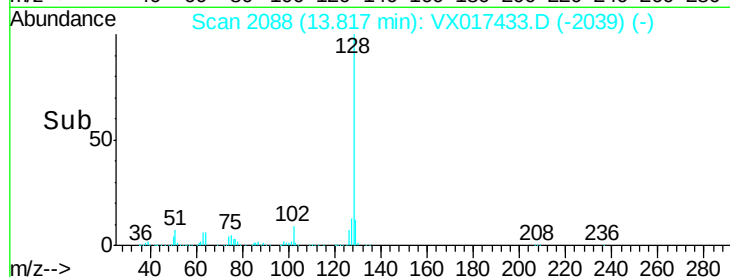
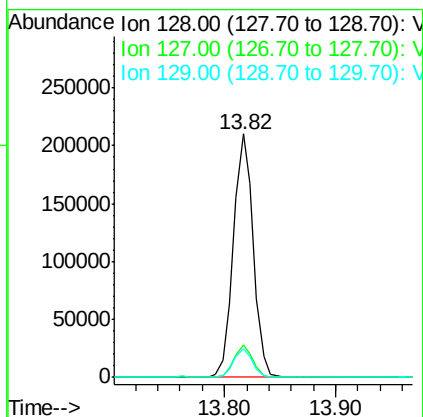
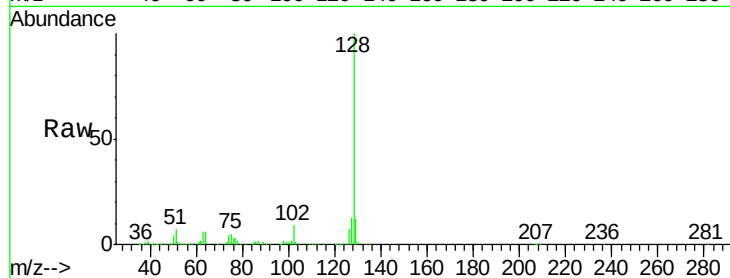




#95
Naphthalene
Concen: 19.019 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion:128 Resp: 258089
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.999 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017433.D
Acq: 20 Jul 2020 12:17

Tgt Ion:180 Resp: 84704
Ion Ratio Lower Upper
180 100
182 93.9 48.8 146.3
145 32.4 16.6 49.7

