

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
 Data File : VX016841.D
 Acq On : 18 Jun 2020 11:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 18 12:25:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141921	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	118990	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.70	98	471532	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.12	95	175096	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	173734	65.714	ug/l	100
3) Chloromethane	1.31	50	148752	52.973	ug/l	100
4) Vinyl Chloride	1.39	62	192230	62.256	ug/l	100
5) Bromomethane	1.62	94	110633	57.263	ug/l	100
6) Chloroethane	1.71	64	110018	58.504	ug/l	100
7) Trichlorofluoromethane	1.92	101	259150	59.380	ug/l	100
8) Diethyl Ether	2.17	74	95693	53.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133247	59.743	ug/l	100
10) Methyl Iodide	2.49	142	137784	51.036	ug/l	100
11) Tert butyl alcohol	3.01	59	129367	189.437	ug/l	100
12) 1,1-Dichloroethene	2.36	96	137913	54.299	ug/l	100
13) Acrolein	2.27	56	77884	237.883	ug/l	100
14) Allyl chloride	2.71	41	180822	46.924	ug/l	100
15) Acrylonitrile	3.12	53	301190	212.187	ug/l	100
16) Acetone	2.42	43	248785	197.271	ug/l	100
17) Carbon Disulfide	2.55	76	335847	47.505	ug/l	100
18) Methyl Acetate	2.75	43	146361	43.484	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	399548	47.529	ug/l	100
20) Methylene Chloride	2.84	84	128917	46.385	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	128761	48.386	ug/l	100
22) Diisopropyl ether	3.82	45	352238	48.544	ug/l	100
23) Vinyl Acetate	3.78	43	1482053	237.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	219074	48.219	ug/l	100
25) 2-Butanone	4.63	43	394787	208.331	ug/l	100
26) 2,2-Dichloropropane	4.55	77	205132	48.776	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144379	47.435	ug/l	100
28) Bromochloromethane	4.98	49	87686	45.357	ug/l	100
29) Tetrahydrofuran	5.09	42	253318	206.547	ug/l	100
30) Chloroform	5.18	83	230480	47.962	ug/l	100
31) Cyclohexane	5.55	56	193626	56.472	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	218890	50.201	ug/l	100
36) 1,1-Dichloropropene	5.77	75	171154	50.686	ug/l	100
37) Ethyl Acetate	4.79	43	156545	43.172	ug/l	100
38) Carbon Tetrachloride	5.76	117	196649	51.282	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220947	60.417	ug/l	100
40) Benzene	6.12	78	511054	49.643	ug/l	100
41) Methacrylonitrile	5.01	41	86663	44.582	ug/l	100
42) 1,2-Dichloroethane	6.16	62	183029	48.736	ug/l	100
43) Isopropyl Acetate	6.41	43	287285	49.473	ug/l	100
44) Trichloroethene	7.19	130	187546	57.135	ug/l	100
45) 1,2-Dichloropropane	7.49	63	131101	51.607	ug/l	100
46) Dibromomethane	7.64	93	88868	48.381	ug/l	100
47) Bromodichloromethane	7.88	83	186687	48.791	ug/l	100
48) Methyl methacrylate	7.74	41	128874	47.348	ug/l	100
49) 1,4-Dioxane	7.71	88	60193	902.077	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	835394	236.872	ug/l	100
52) Toluene	8.76	92	336705	50.268	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	210668	48.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221908	49.168	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	142146	52.279	ug/l	100
56) Ethyl methacrylate	9.16	69	224881	55.100	ug/l	100
57) 1,3-Dichloropropane	9.35	76	239174	52.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	494047	251.820	ug/l	100
59) 2-Hexanone	9.47	43	630318	232.874	ug/l	100
60) Dibromochloromethane	9.57	129	172818	53.713	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147136	50.201	ug/l	100
64) Tetrachloroethene	9.32	164	181740	46.557	ug/l	100
65) Chlorobenzene	10.12	112	405322	48.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	151856	46.266	ug/l	100
67) Ethyl Benzene	10.24	91	668598	47.954	ug/l	100
68) m/p-Xylenes	10.34	106	508460	96.518	ug/l	100
69) o-Xylene	10.68	106	239315	47.272	ug/l	100
70) Styrene	10.70	104	417292	47.709	ug/l	100
71) Bromoform	10.84	173	125595	45.120	ug/l	100
73) Isopropylbenzene	11.00	105	640653	51.614	ug/l	100
74) N-amyl acetate	10.88	43	232174	48.700	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	170075	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229773	58.549	ug/l	85
77) Bromobenzene	11.24	156	171379	48.880	ug/l	100
78) n-propylbenzene	11.34	91	726076	53.575	ug/l	100
79) 2-Chlorotoluene	11.40	91	435405	50.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	556945	53.253	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69478	44.881	ug/l	100
82) 4-Chlorotoluene	11.49	91	519373	51.655	ug/l	100
83) tert-Butylbenzene	11.76	119	522316	54.286	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562186	53.113	ug/l	100
85) sec-Butylbenzene	11.93	105	608719	54.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	591627	54.904	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307839	51.578	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303461	49.266	ug/l	100
89) n-Butylbenzene	12.37	91	493591	55.286	ug/l	100
90) Hexachloroethane	12.58	117	107997	53.952	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285335	48.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44392	44.263	ug/l	100

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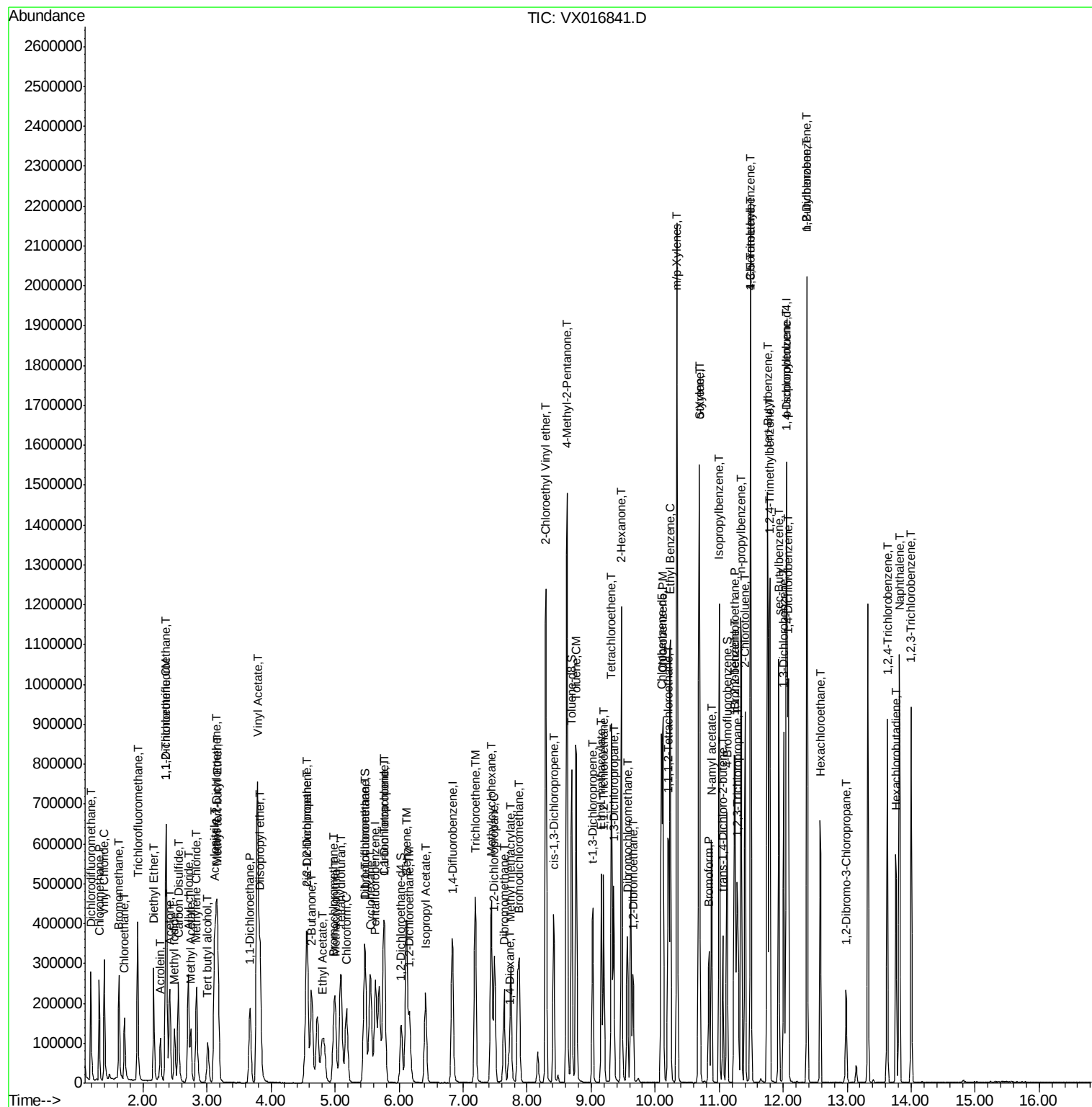
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221602	52.452	ug/l	100
94) Hexachlorobutadiene	13.77	225	93726	49.639	ug/l	100
95) Naphthalene	13.82	128	645640	49.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	235149	55.998	ug/l	100

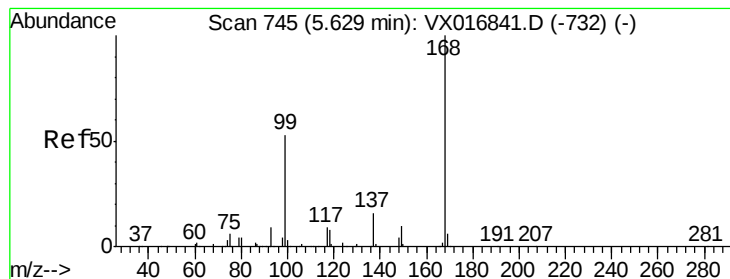
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

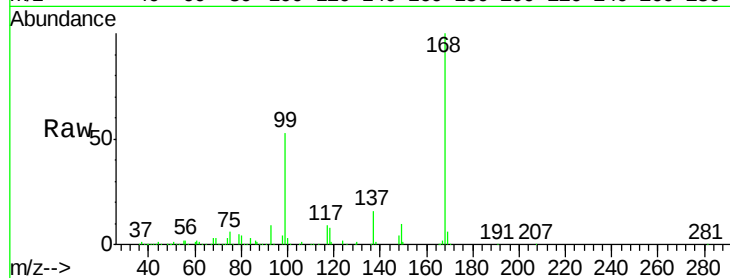
VSTDICCC050

Tgt Ion:168 Resp: 252797

Ion Ratio Lower Upper

168 100

99 52.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

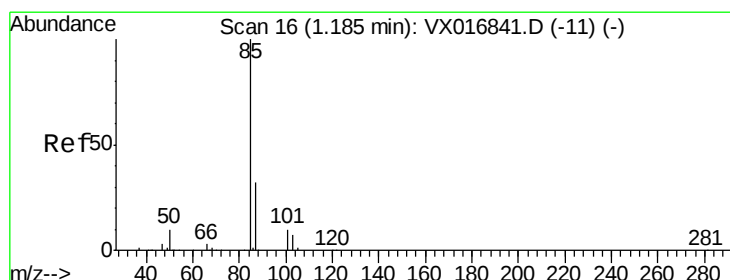
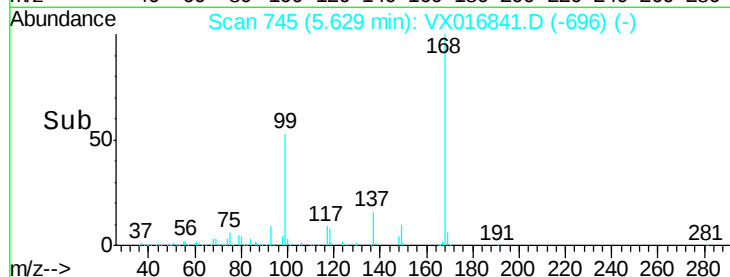
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 65.714 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016841.D

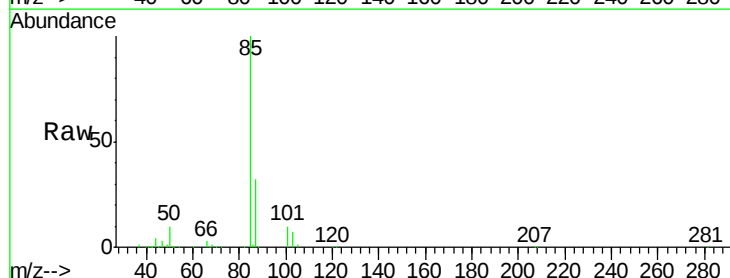
Acq: 18 Jun 2020 11:47

Tgt Ion: 85 Resp: 173734

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

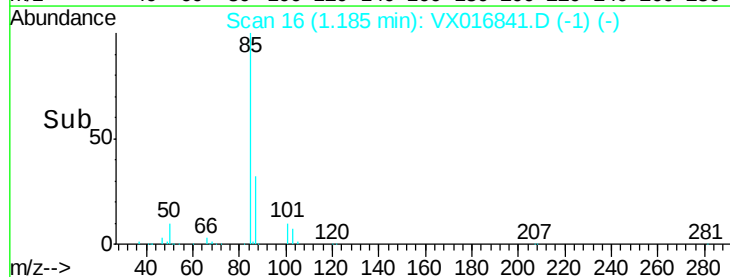
100000

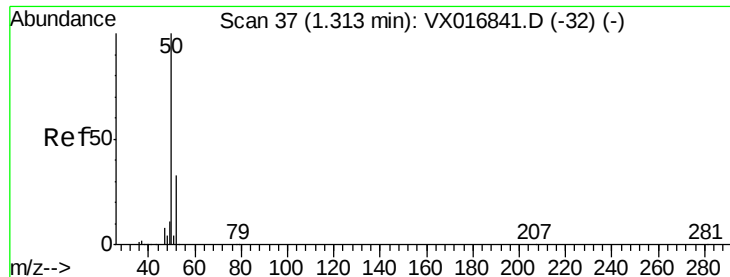
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.973 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

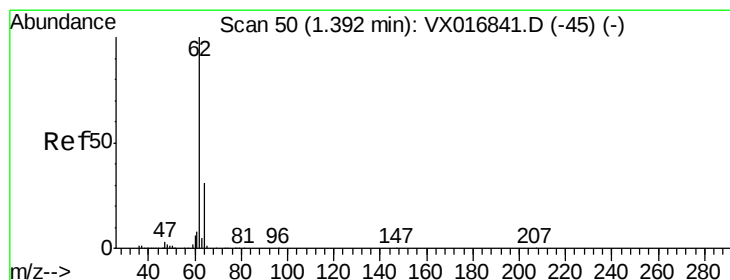
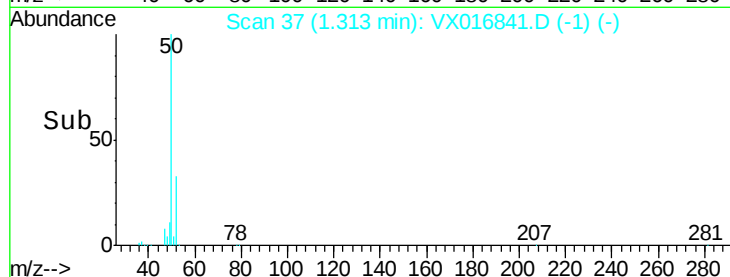
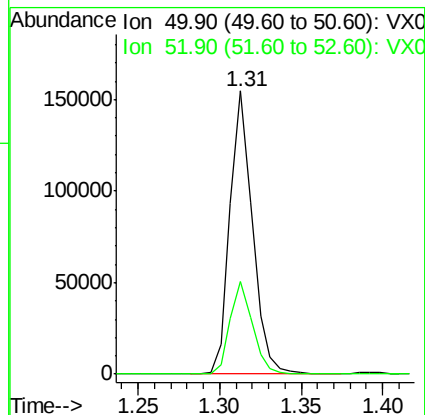
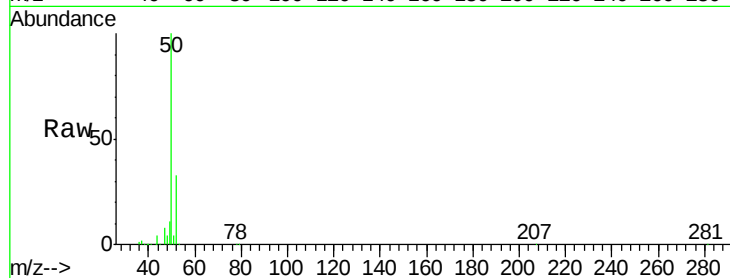
VSTDICCC050

Tgt Ion: 50 Resp: 148752

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 62.256 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016841.D

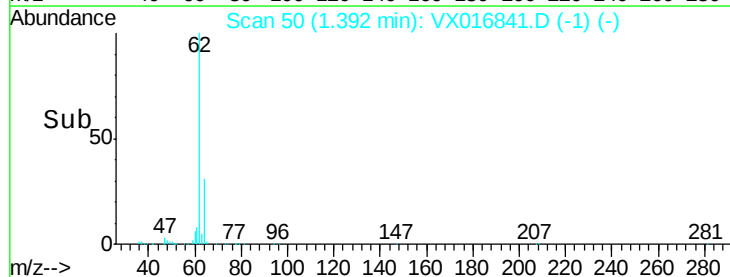
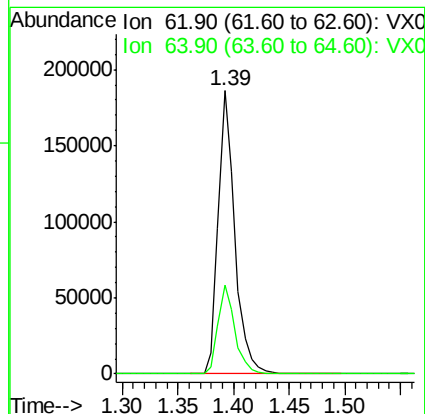
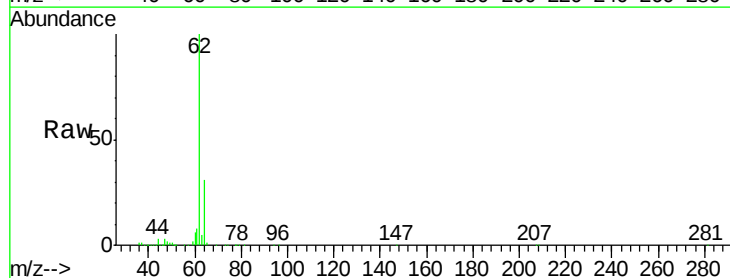
Acq: 18 Jun 2020 11:47

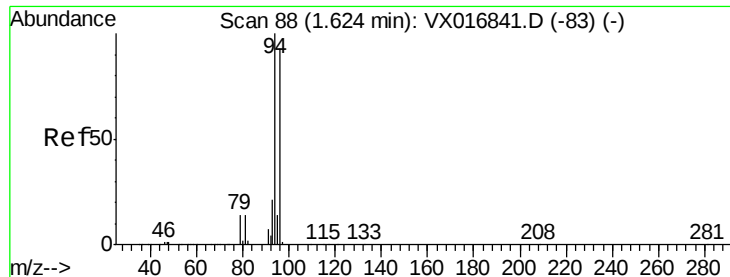
Tgt Ion: 62 Resp: 192230

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 57.263 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

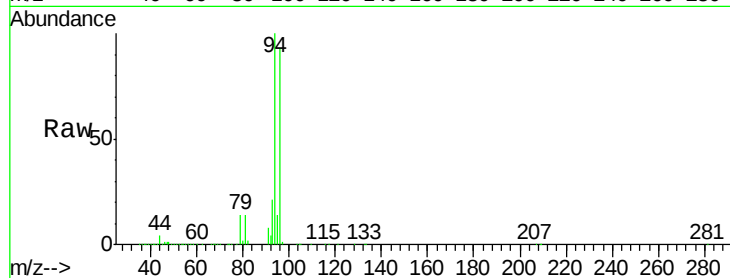
VSTDICCC050

Tgt Ion: 94 Resp: 110633

Ion Ratio Lower Upper

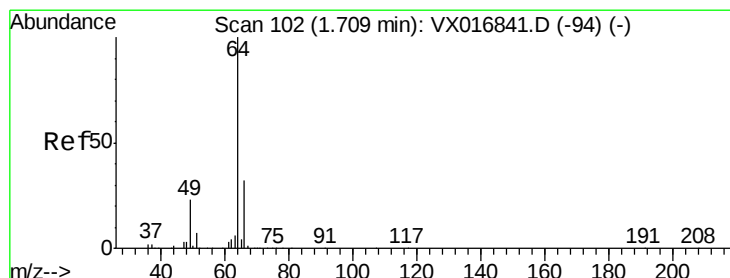
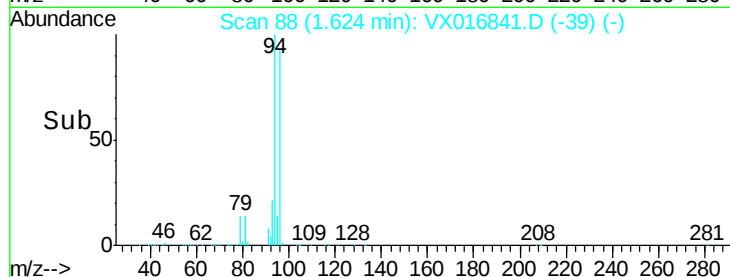
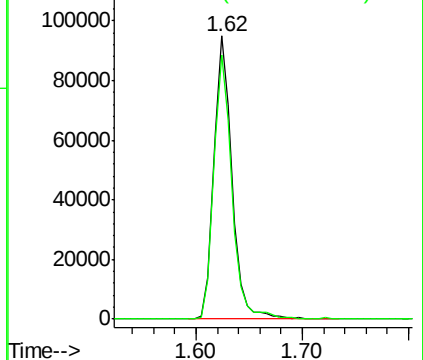
94 100

96 93.0 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.504 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016841.D

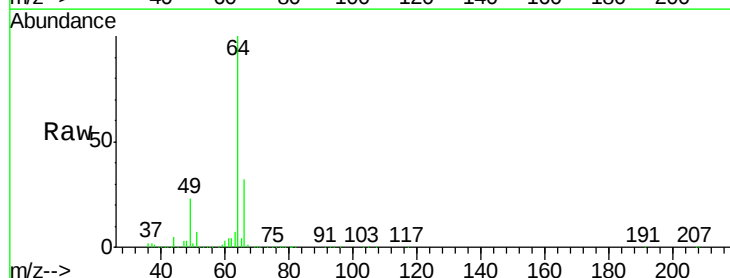
Acq: 18 Jun 2020 11:47

Tgt Ion: 64 Resp: 110018

Ion Ratio Lower Upper

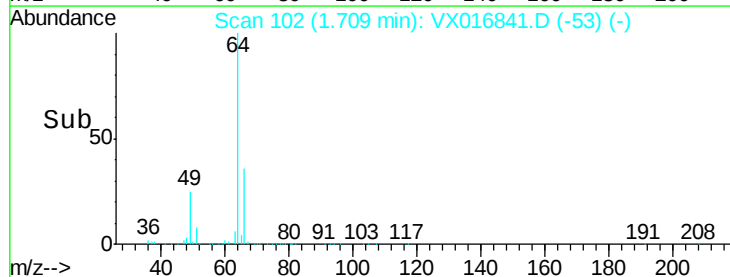
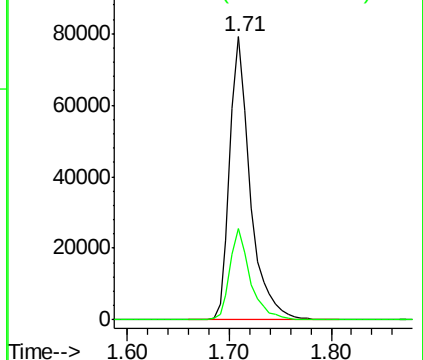
64 100

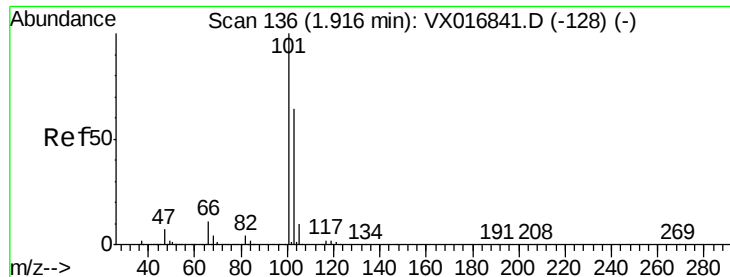
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



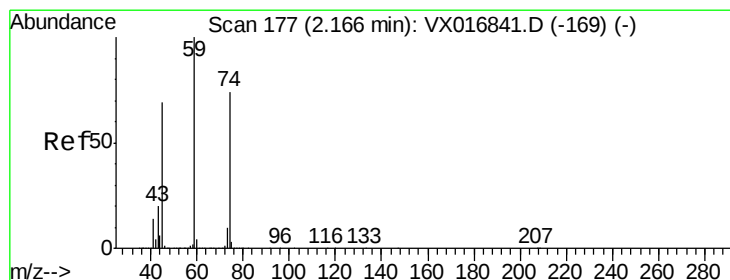
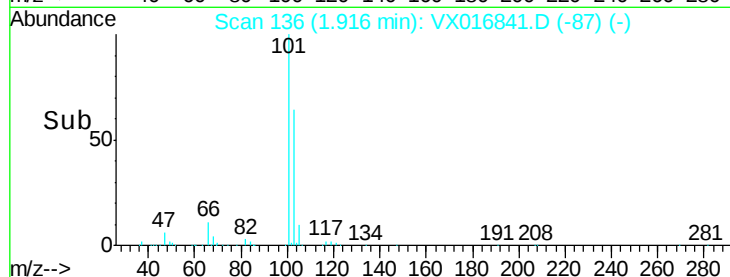
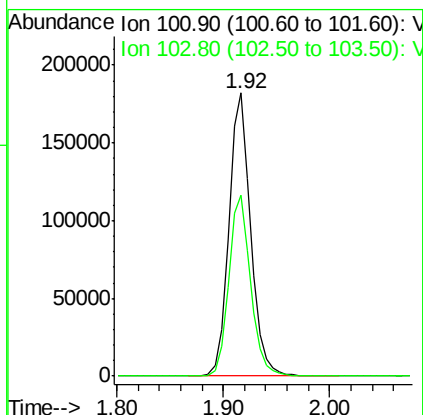
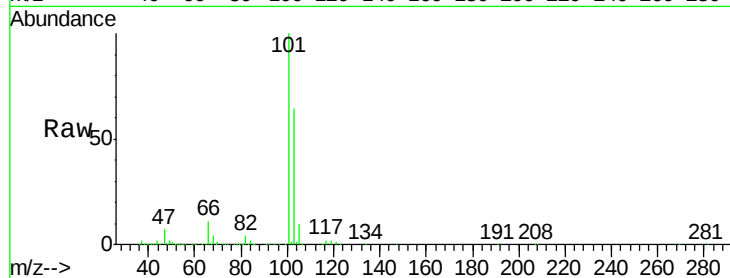


#7

Trichlorofluoromethane
Concen: 59.380 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
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VSTDICCC050

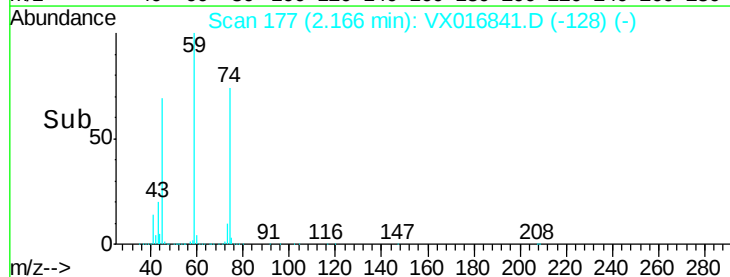
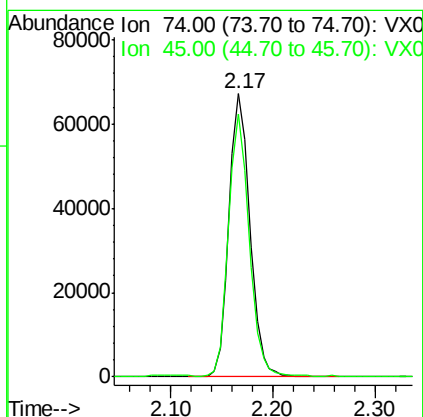
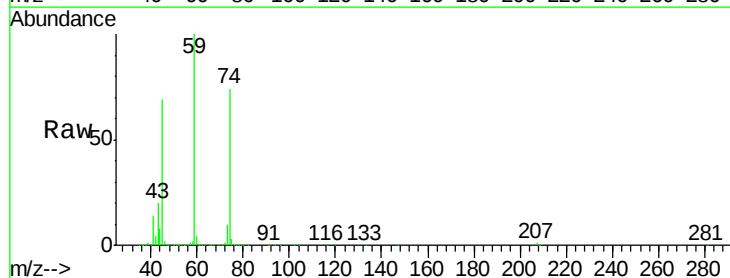
Tgt Ion: 101 Resp: 259150
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

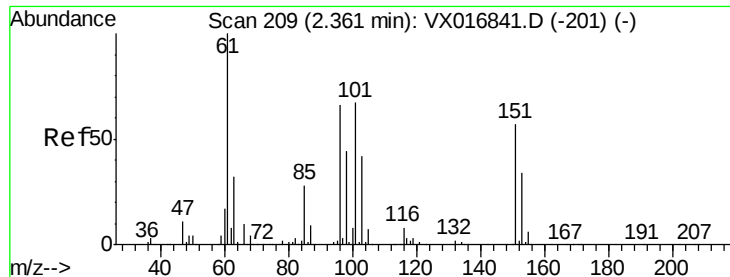


#8

Diethyl Ether
Concen: 53.571 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 74 Resp: 95693
Ion Ratio Lower Upper
74 100
45 90.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.743 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

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VSTDICCC050

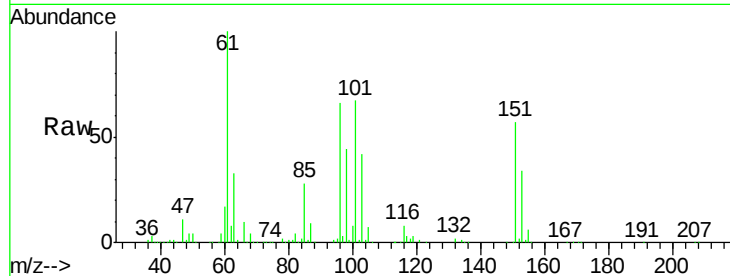
Tgt Ion:101 Resp: 133247

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

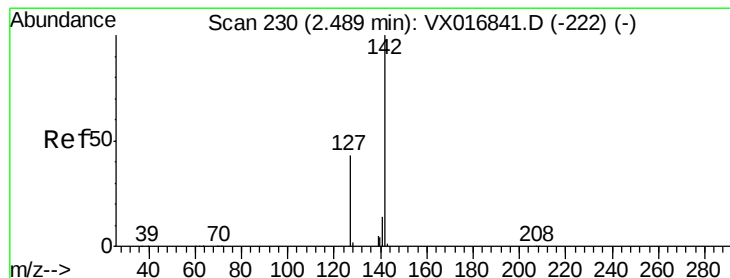
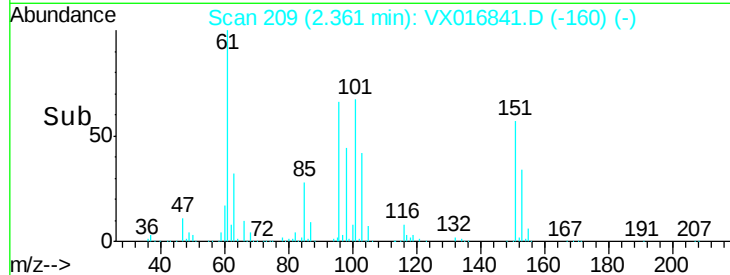
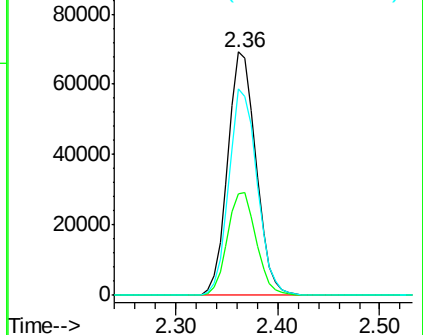
151 84.5 67.6 101.4



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: 51.036 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

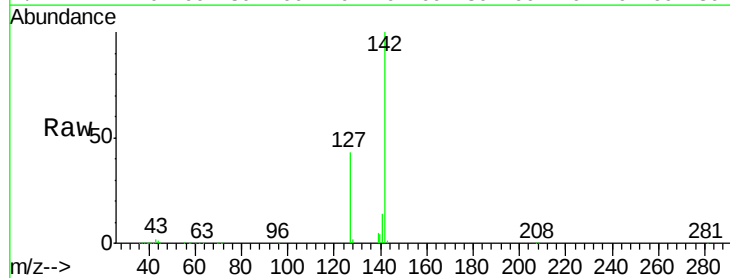
Tgt Ion:142 Resp: 137784

Ion Ratio Lower Upper

142 100

127 43.9 35.1 52.7

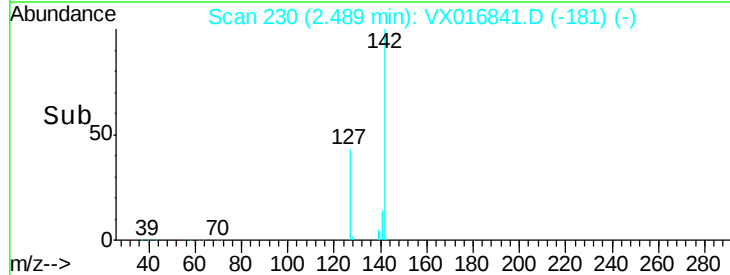
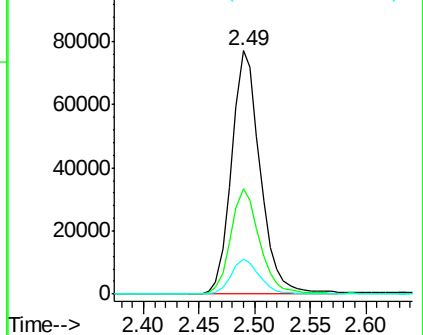
141 14.5 11.6 17.4

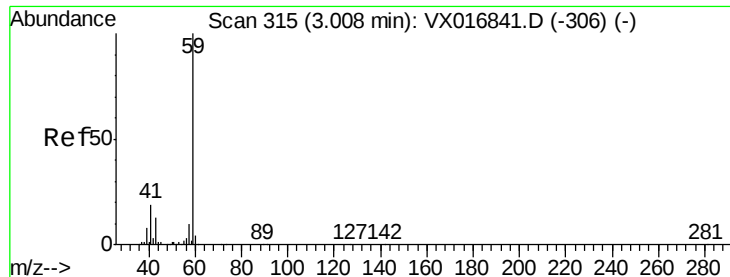


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

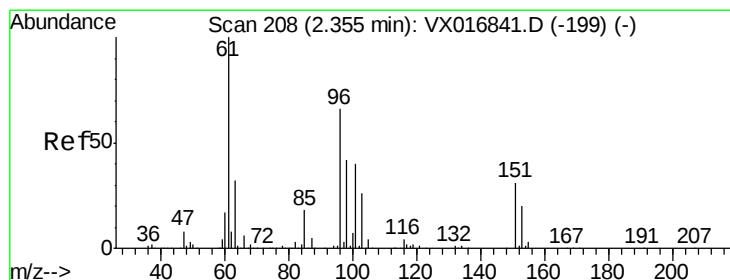
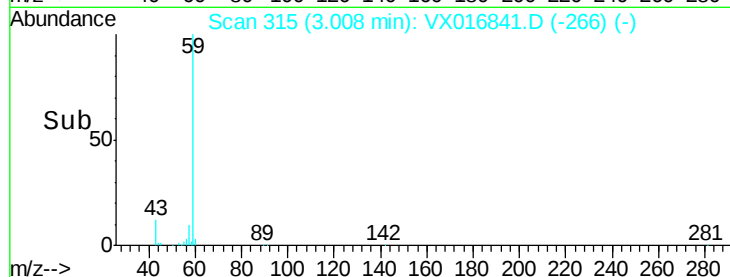
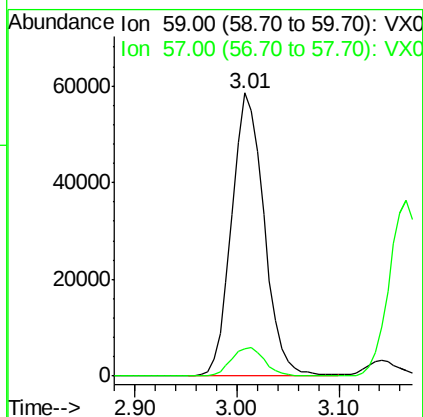
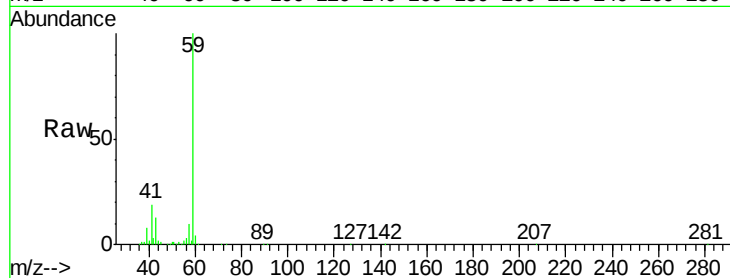




#11
Tert butyl alcohol
Concen: 189.437 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

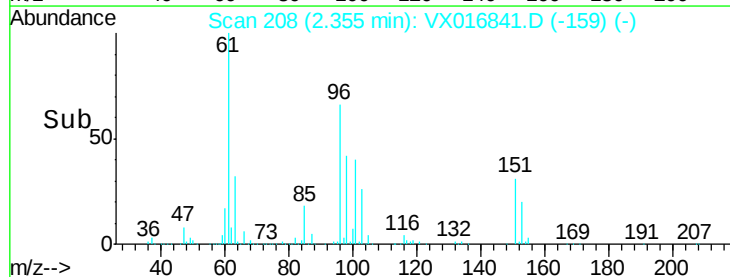
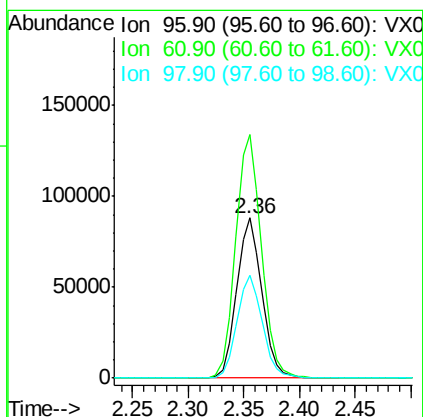
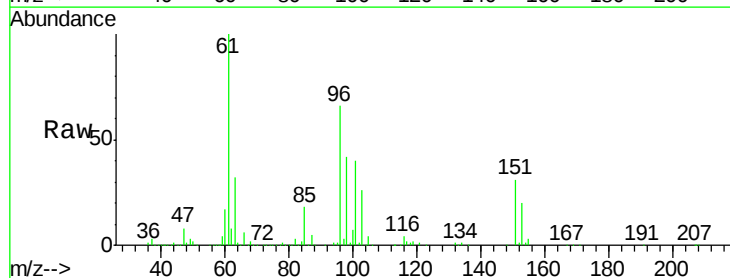
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

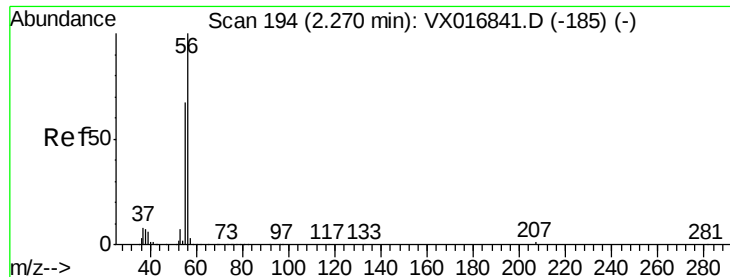
Tgt Ion: 59 Resp: 129367
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 54.299 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 96 Resp: 137913
Ion Ratio Lower Upper
96 100
61 152.1 121.7 182.5
98 63.9 51.1 76.7





#13

Acrolein

Concen: 237.883 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

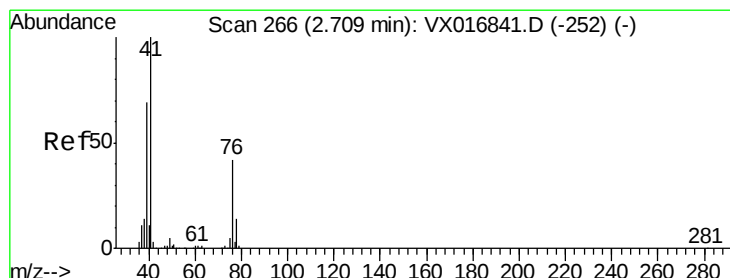
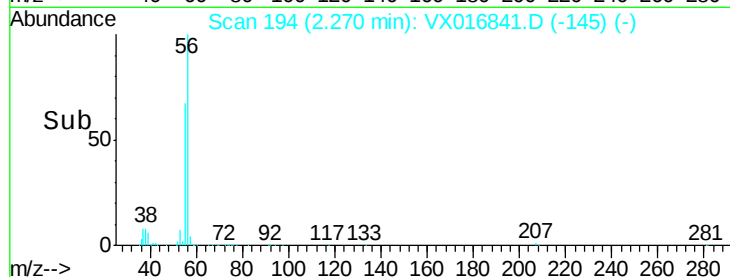
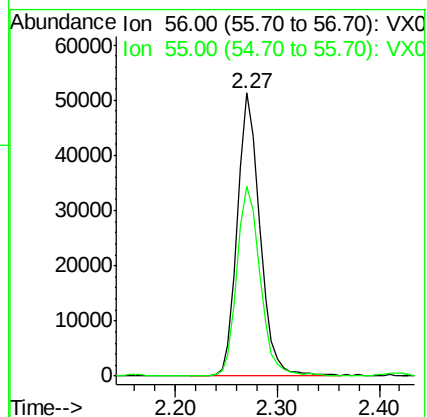
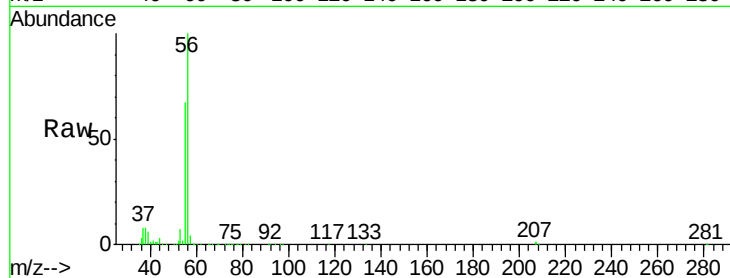
VSTDICCC050

Tgt Ion: 56 Resp: 77884

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 46.924 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

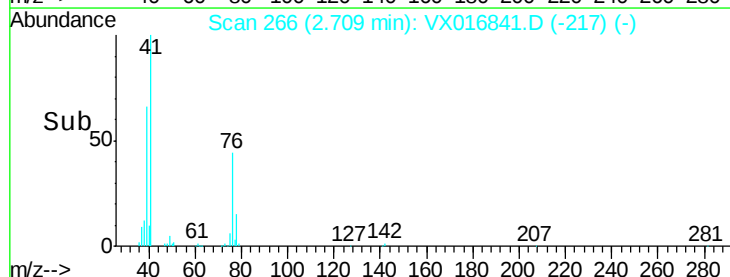
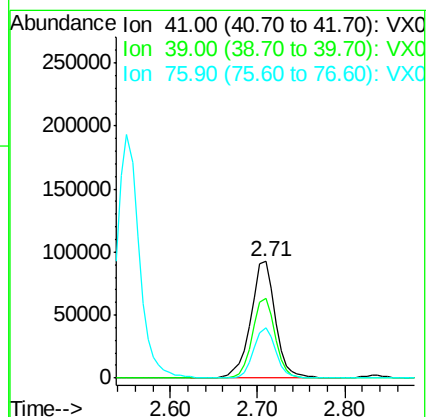
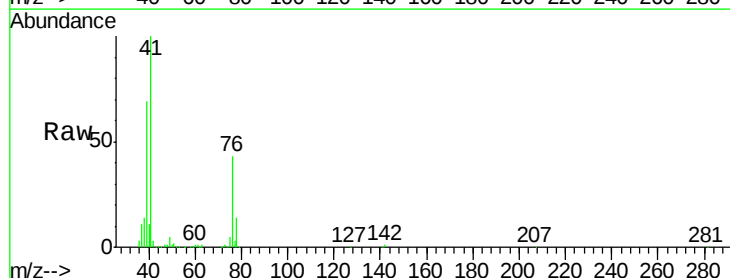
Tgt Ion: 41 Resp: 180822

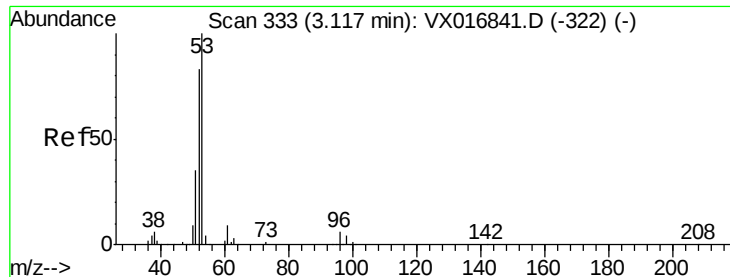
Ion Ratio Lower Upper

41 100

39 63.4 50.7 76.1

76 38.6 30.9 46.3

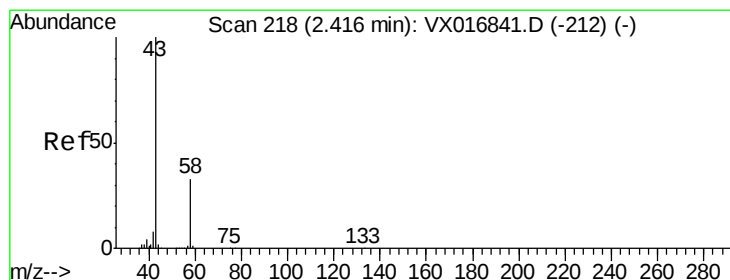
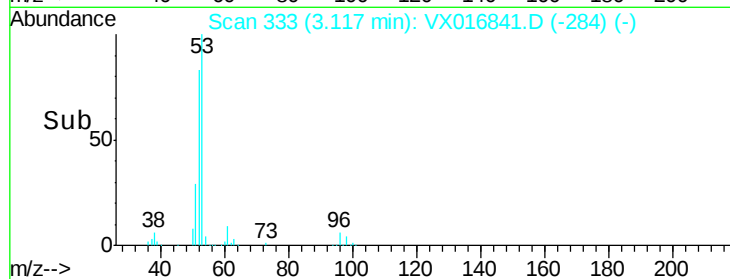
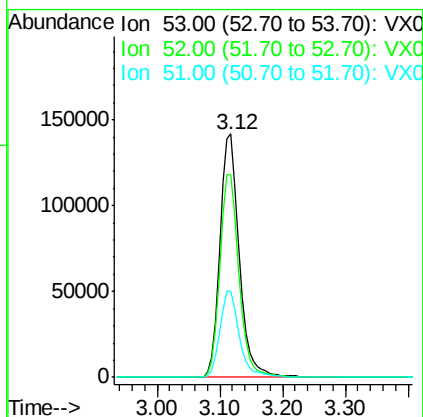
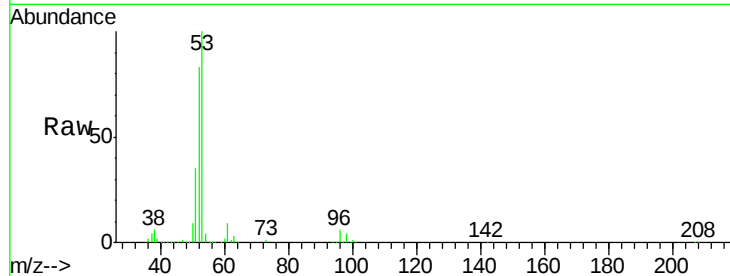




#15
 Acrylonitrile
 Concen: 212.187 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

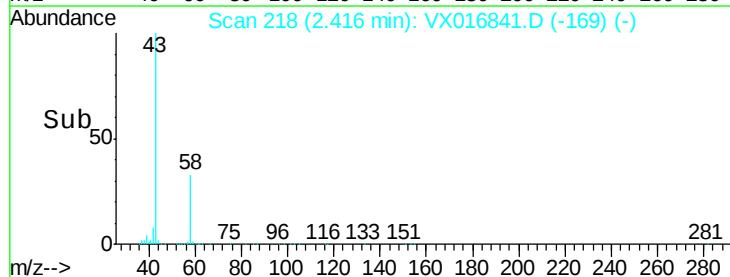
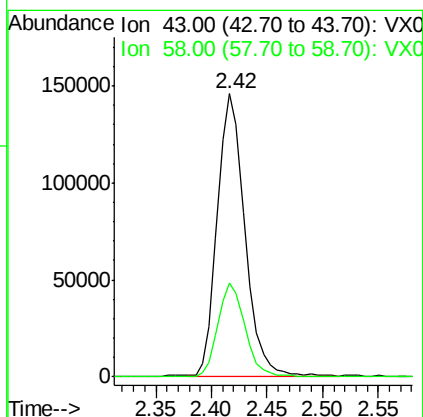
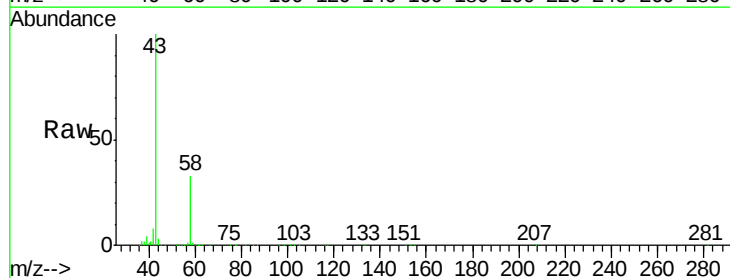
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

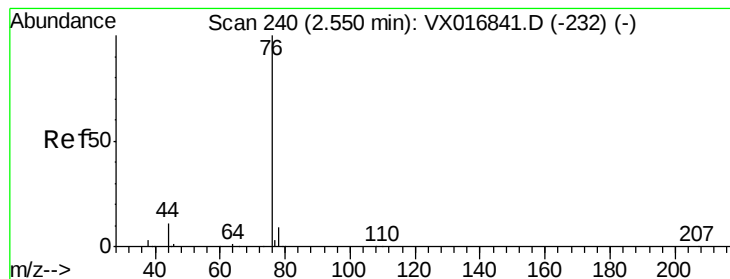
Tgt Ion: 53 Resp: 301190
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.2 99.2
 51 35.9 28.7 43.1



#16
 Acetone
 Concen: 197.271 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion: 43 Resp: 248785
 Ion Ratio Lower Upper
 43 100
 58 33.2 26.6 39.8





#17

Carbon Disulfide

Concen: 47.505 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

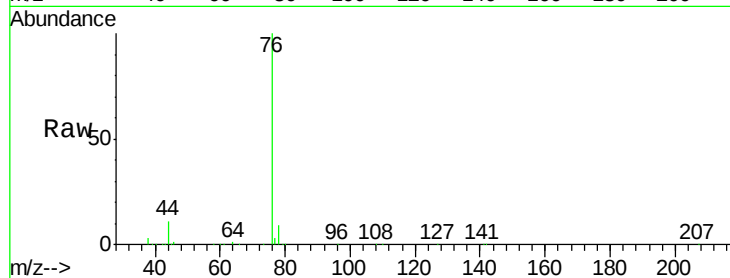
VSTDICCC050

Tgt Ion: 76 Resp: 335847

Ion Ratio Lower Upper

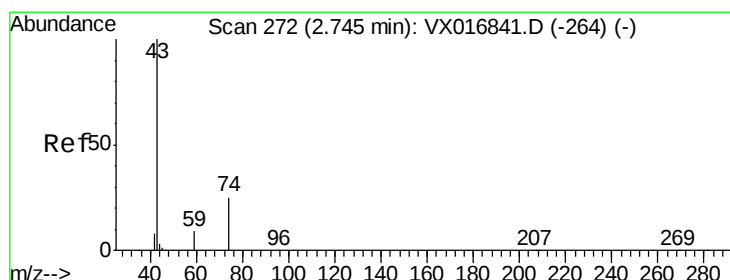
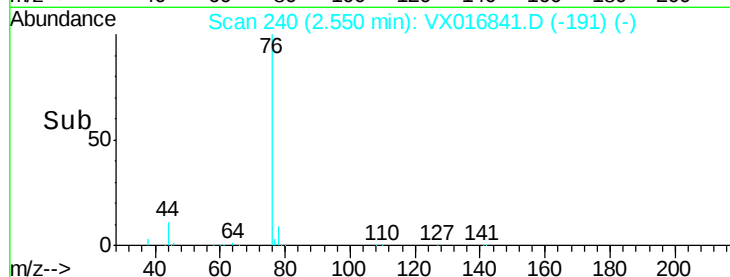
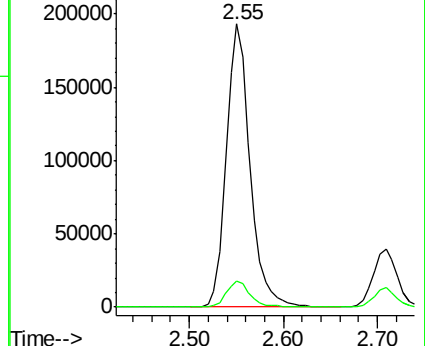
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.484 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016841.D

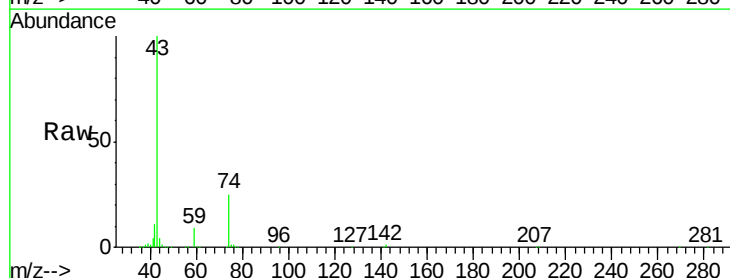
Acq: 18 Jun 2020 11:47

Tgt Ion: 43 Resp: 146361

Ion Ratio Lower Upper

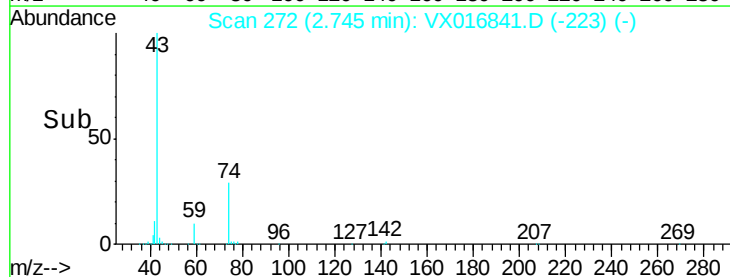
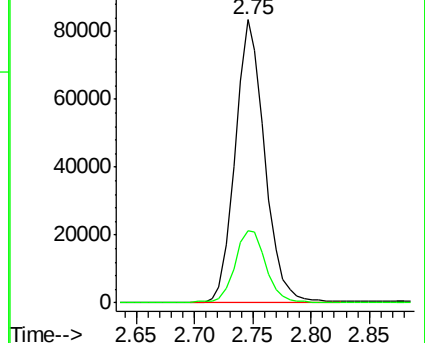
43 100

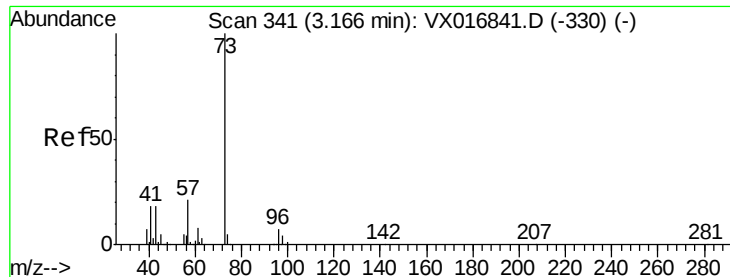
74 27.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



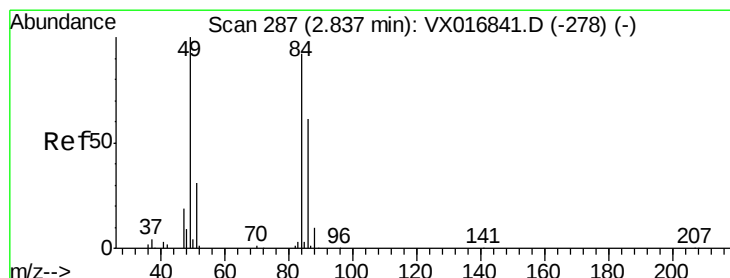
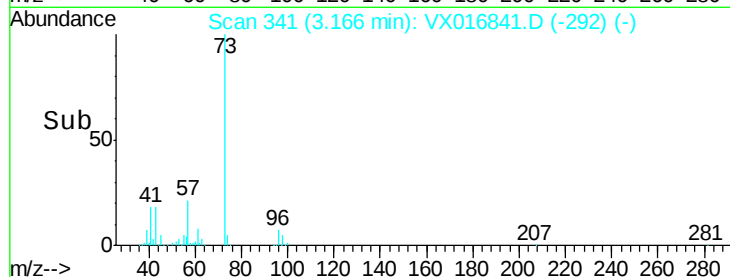
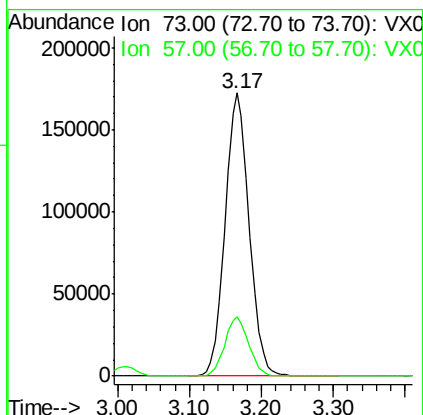
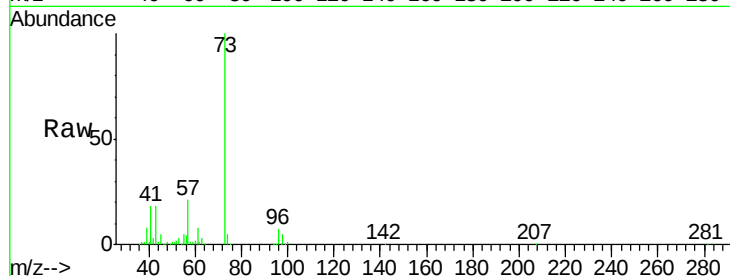


#19

Methyl tert-butyl Ether
 Concen: 47.529 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

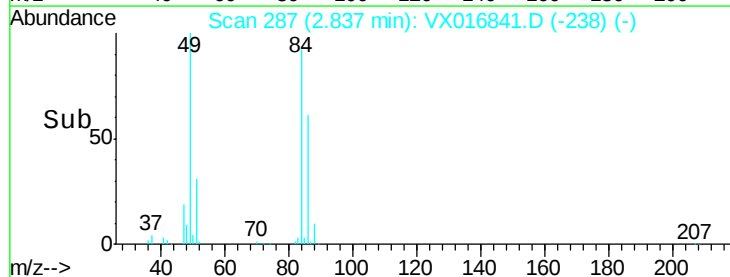
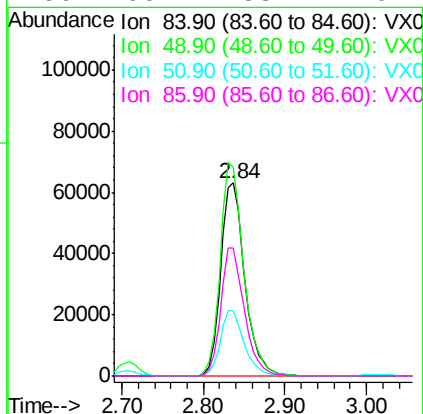
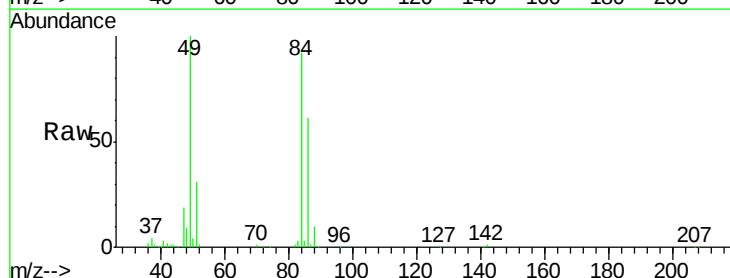
Tgt Ion: 73 Resp: 399548
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.9 25.3

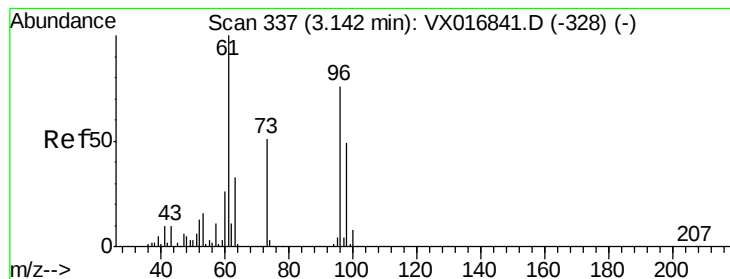


#20

Methylene Chloride
 Concen: 46.385 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion: 84 Resp: 128917
 Ion Ratio Lower Upper
 84 100
 49 108.2 86.6 129.8
 51 33.9 27.1 40.7
 86 66.4 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

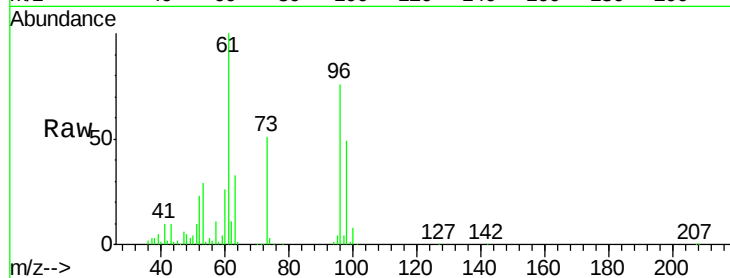
Tgt Ion: 96 Resp: 128761

Ion Ratio Lower Upper

96 100

61 131.7 105.4 158.0

98 64.1 51.3 76.9

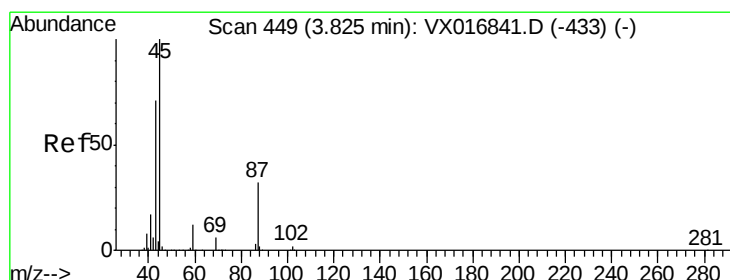
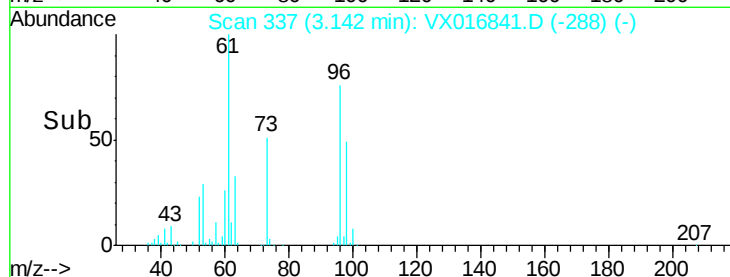
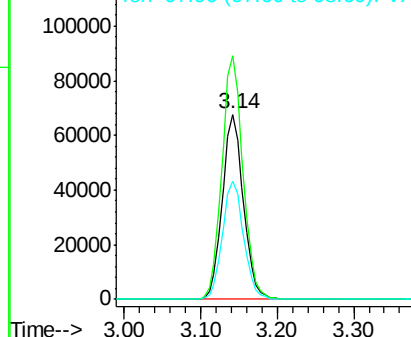


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.544 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion: 45 Resp: 352238

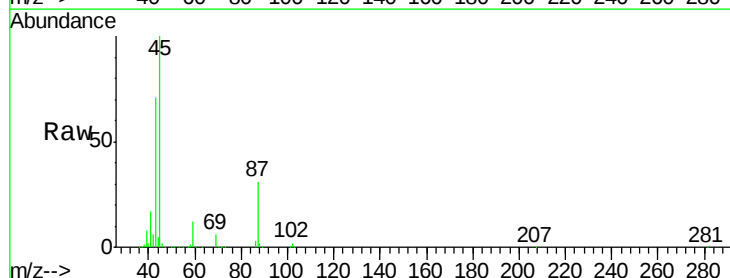
Ion Ratio Lower Upper

45 100

43 71.2 57.0 85.4

87 31.5 25.2 37.8

59 12.4 9.9 14.9



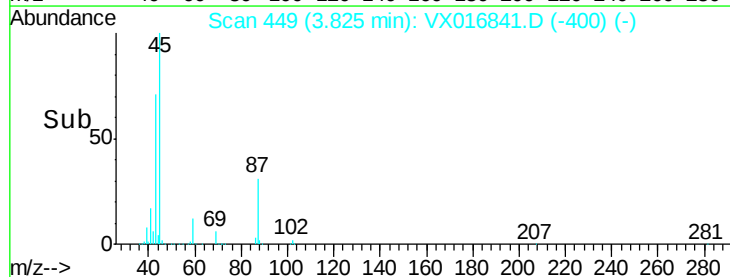
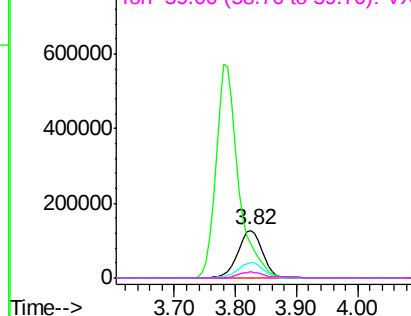
Abundance

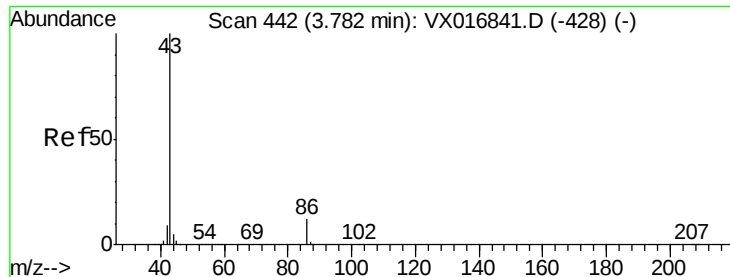
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.094 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

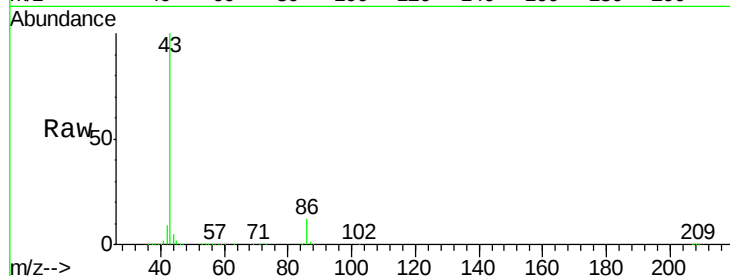
VSTDICCC050

Tgt Ion: 43 Resp: 1482053

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

600000

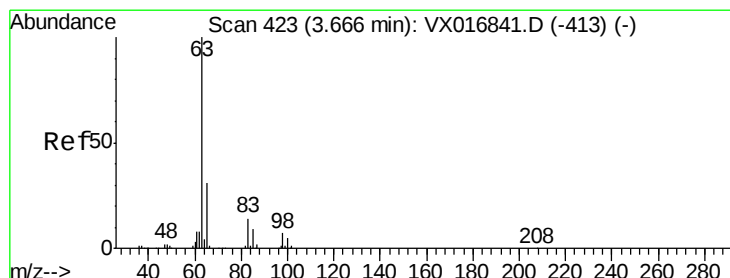
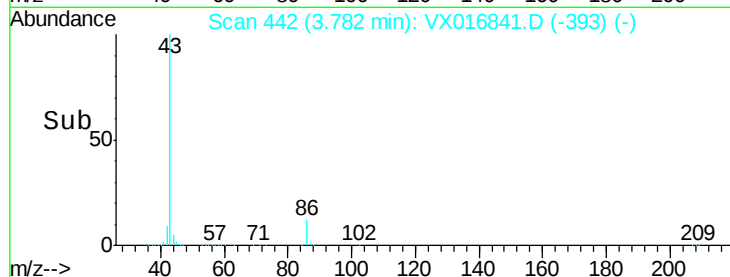
400000

200000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 48.219 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

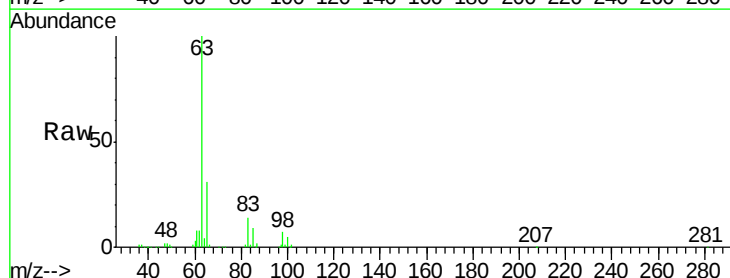
Tgt Ion: 63 Resp: 219074

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.7 2.4 7.1



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

120000

100000

80000

60000

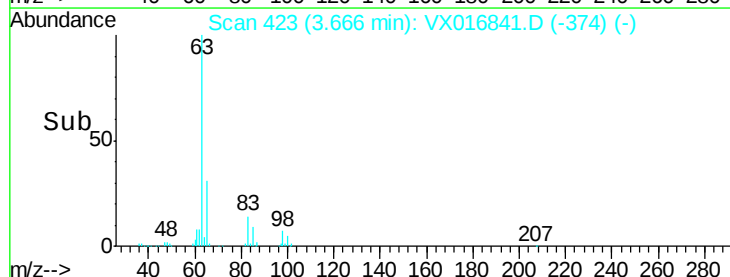
40000

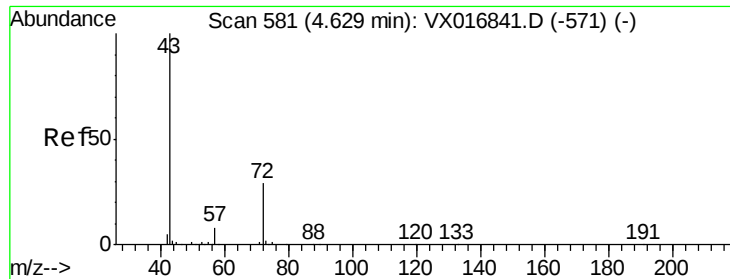
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 208.331 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

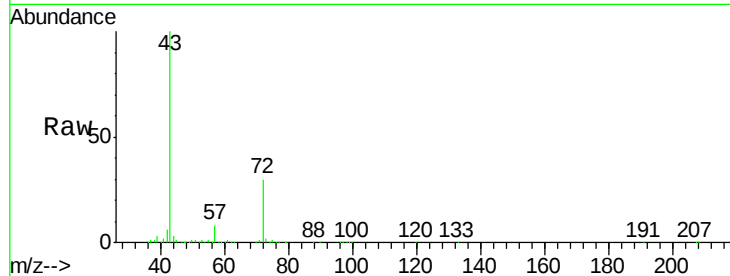
VSTDICCC050

Tgt Ion: 43 Resp: 394787

Ion Ratio Lower Upper

43 100

72 29.4 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

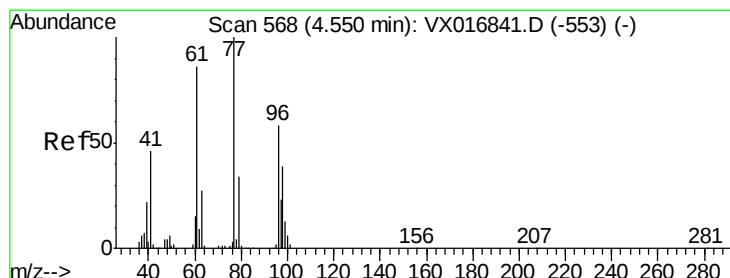
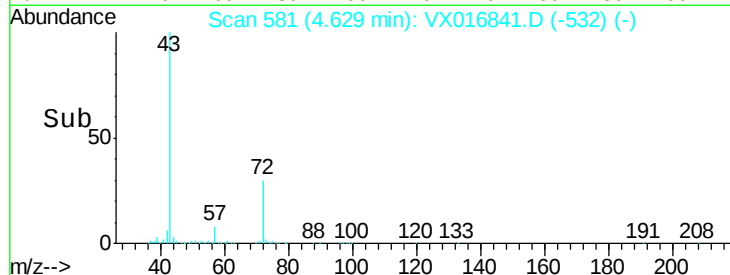
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 48.776 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016841.D

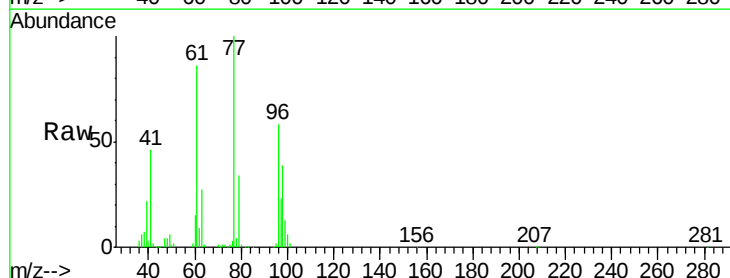
Acq: 18 Jun 2020 11:47

Tgt Ion: 77 Resp: 205132

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

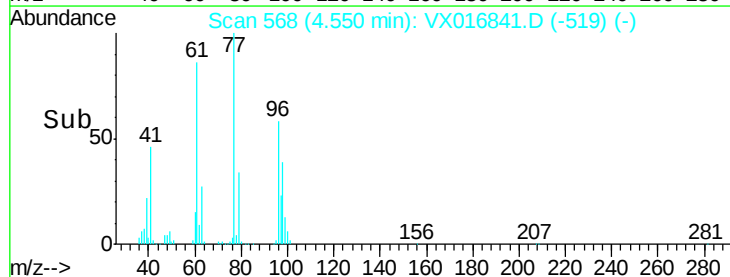
60000

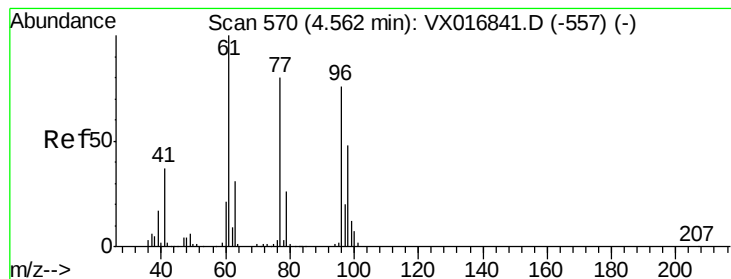
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



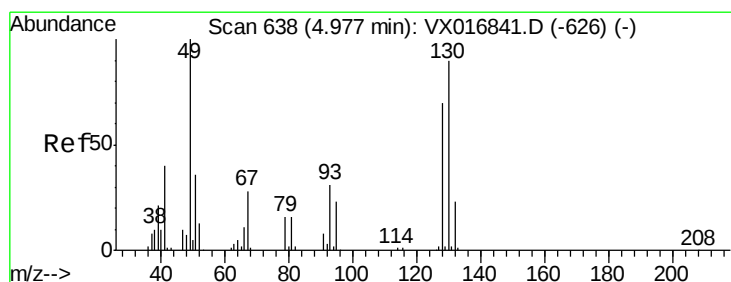
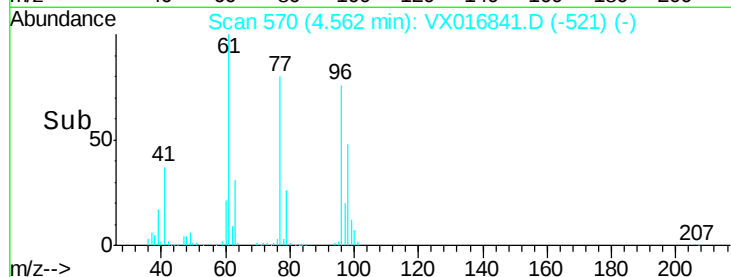
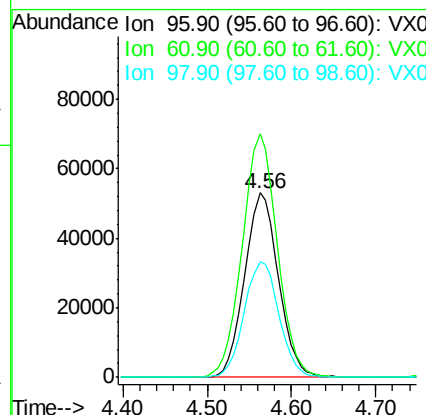
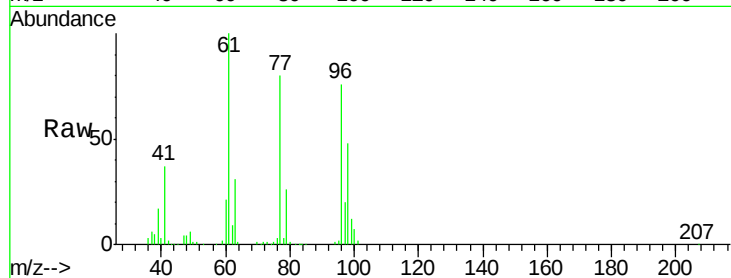


#27

cis-1,2-Dichloroethene
Concen: 47.435 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

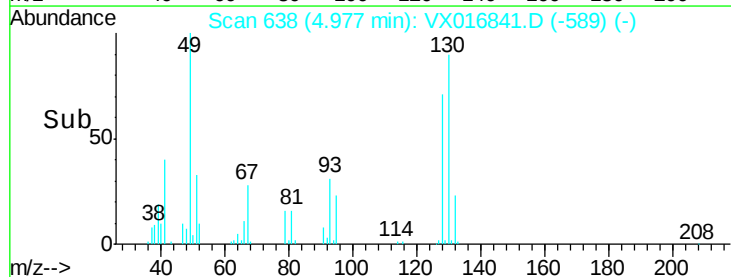
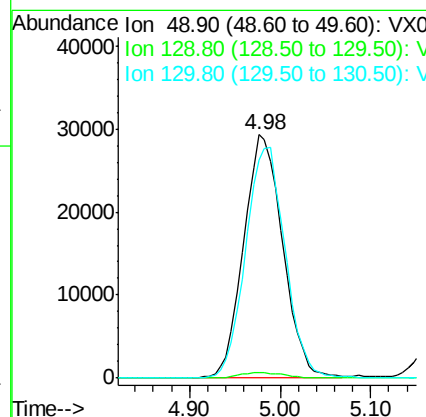
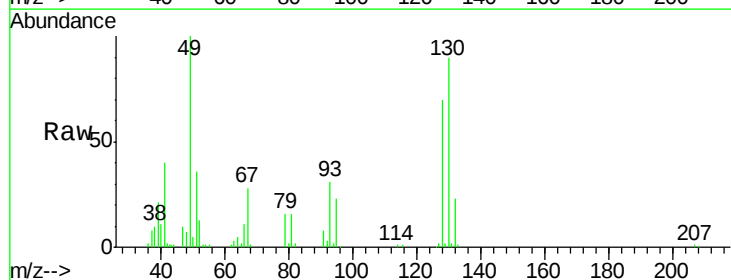
Tgt Ion: 96 Resp: 144379
Ion Ratio Lower Upper
96 100
61 136.9 0.0 273.8
98 64.5 0.0 129.0

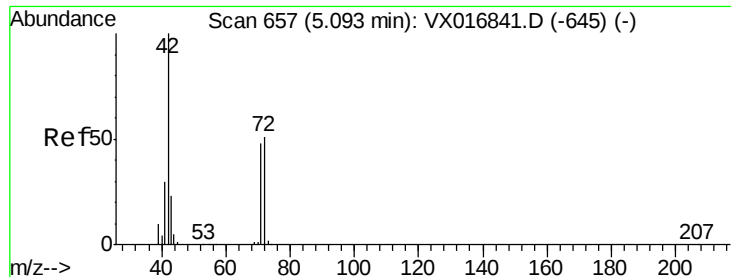


#28

Bromochloromethane
Concen: 45.357 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 49 Resp: 87686
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 96.0 76.8 115.2





#29

Tetrahydrofuran

Concen: 206.547 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

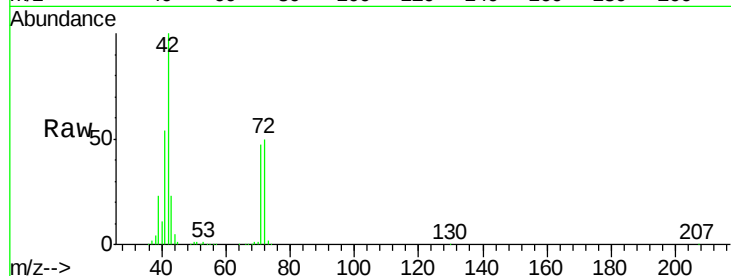
Tgt Ion: 42 Resp: 253318

Ion Ratio Lower Upper

42 100

72 51.4 41.1 61.7

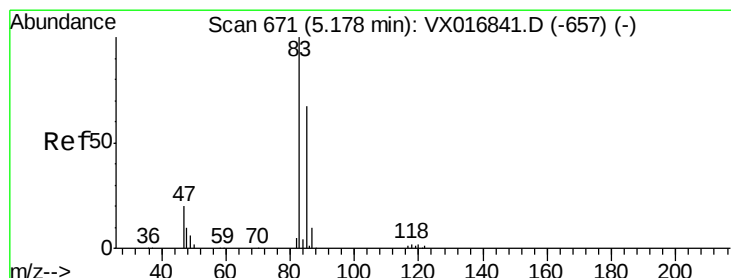
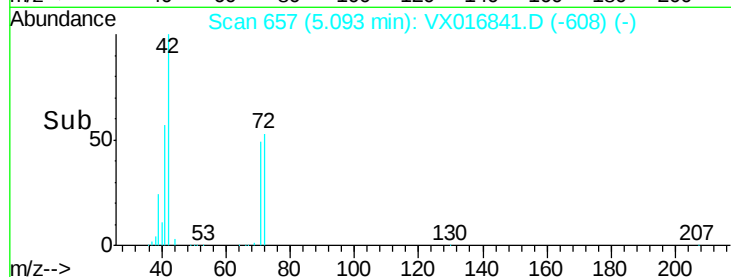
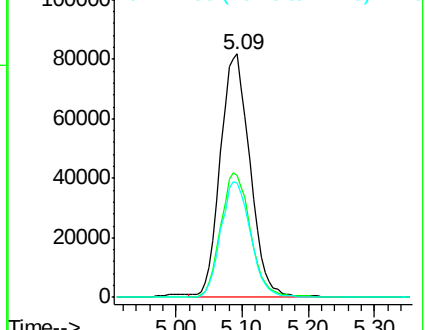
71 48.0 38.4 57.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.962 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016841.D

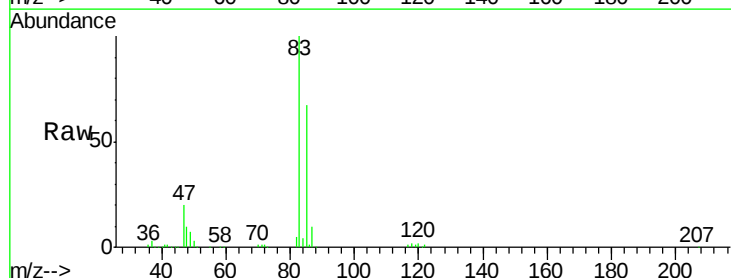
Acq: 18 Jun 2020 11:47

Tgt Ion: 83 Resp: 230480

Ion Ratio Lower Upper

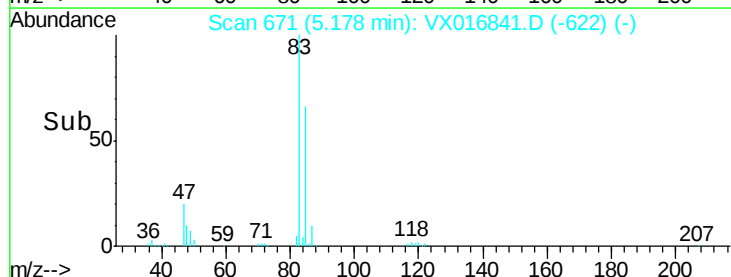
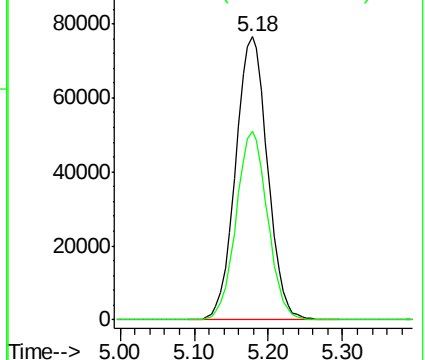
83 100

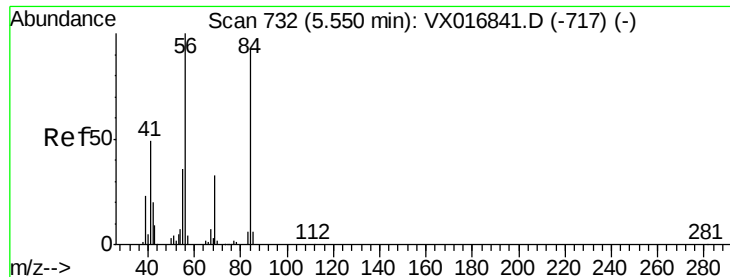
85 66.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

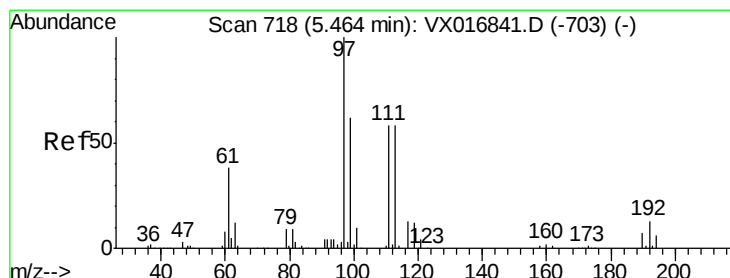
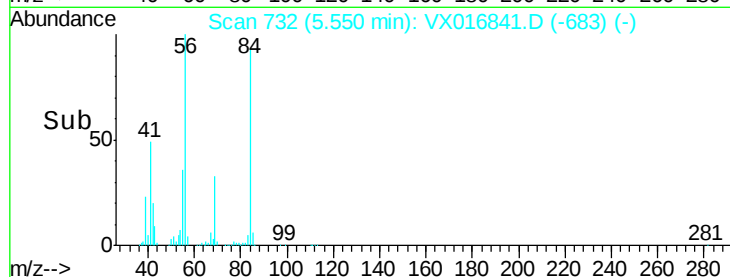
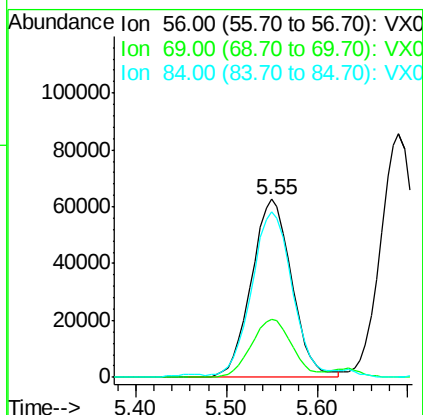
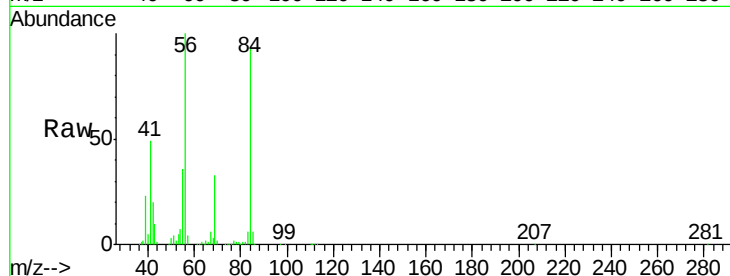




#31
Cyclohexane
Concen: 56.472 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

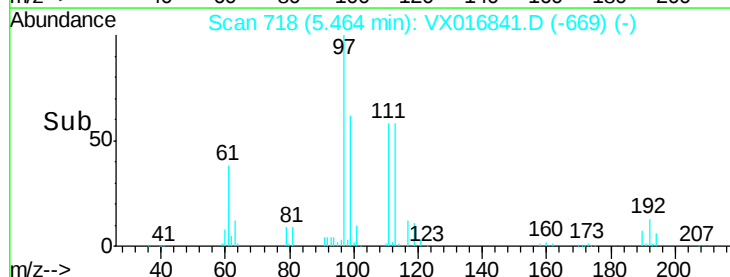
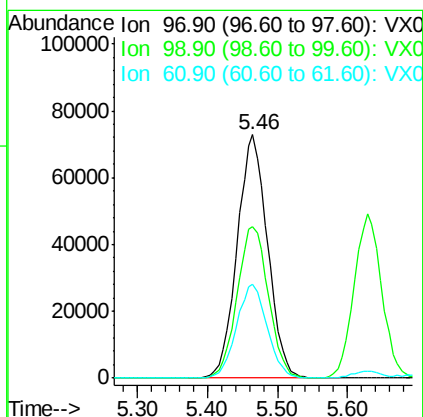
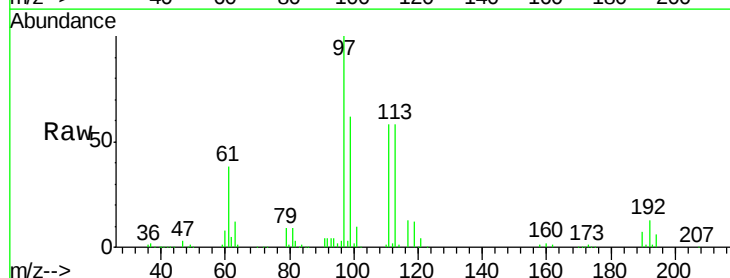
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

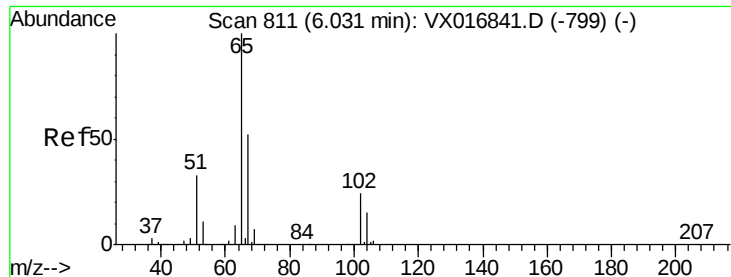
Tgt Ion: 56 Resp: 193626
Ion Ratio Lower Upper
56 100
69 32.6 26.1 39.1
84 91.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.201 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 97 Resp: 218890
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 39.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.133 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

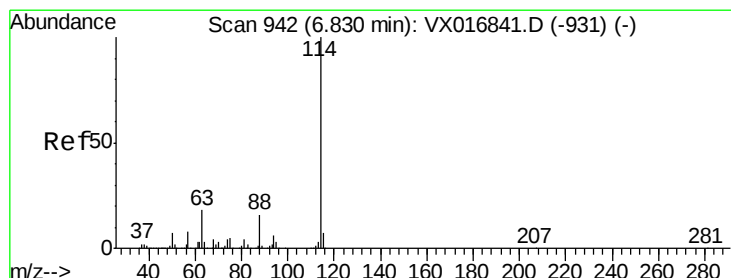
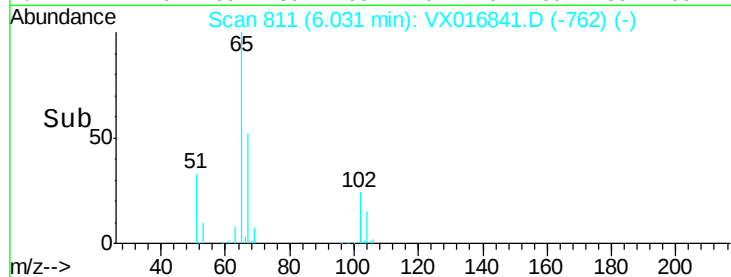
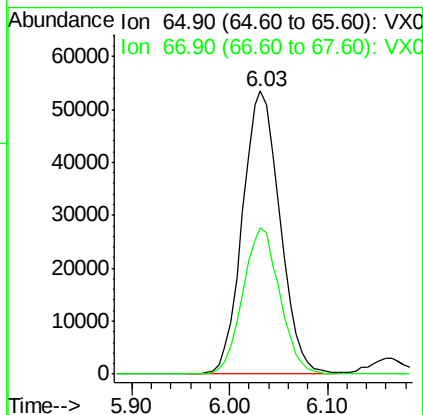
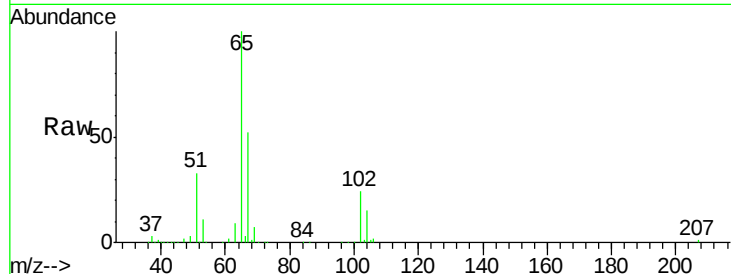
VSTDICCC050

Tgt Ion: 65 Resp: 141921

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

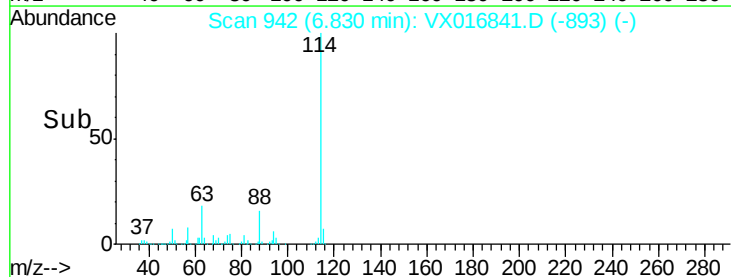
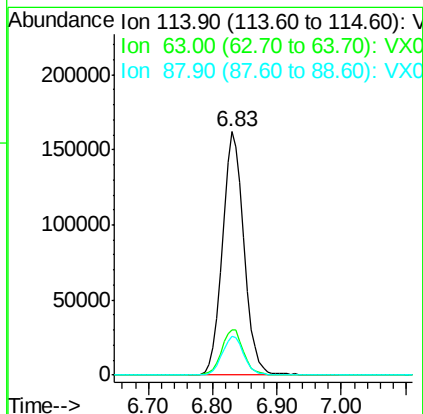
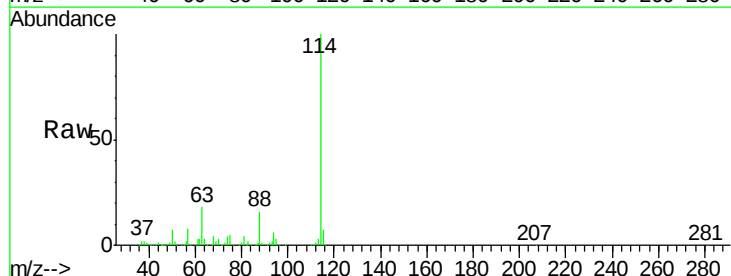
Tgt Ion: 114 Resp: 382904

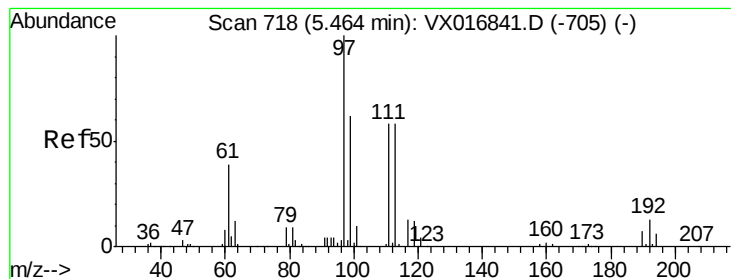
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.041 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

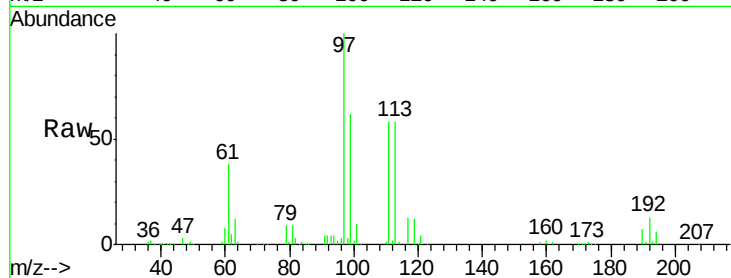
Tgt Ion:113 Resp: 118990

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

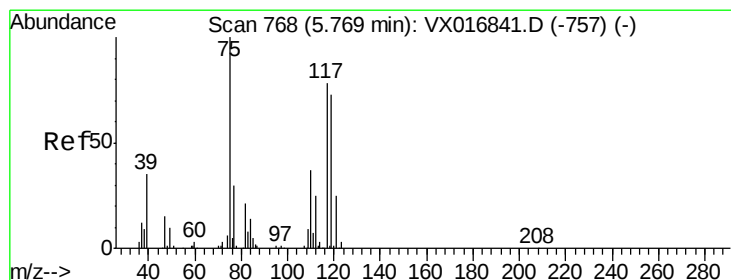
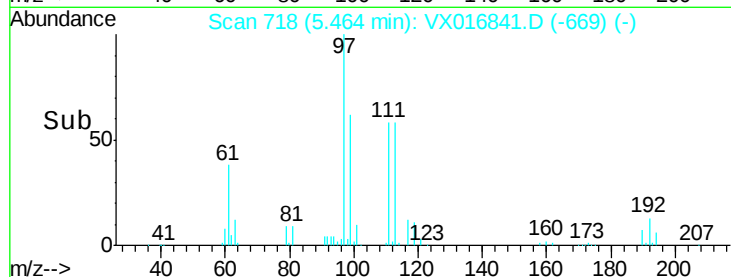
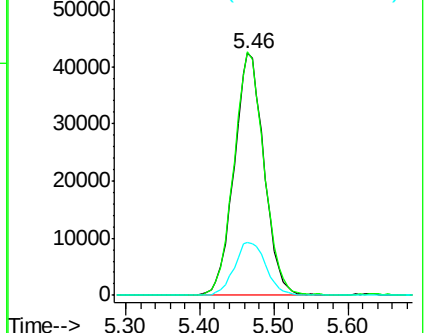
192 23.1 18.5 27.7



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: 50.686 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

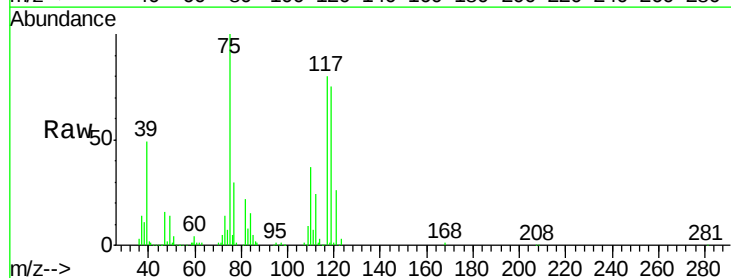
Tgt Ion: 75 Resp: 171154

Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

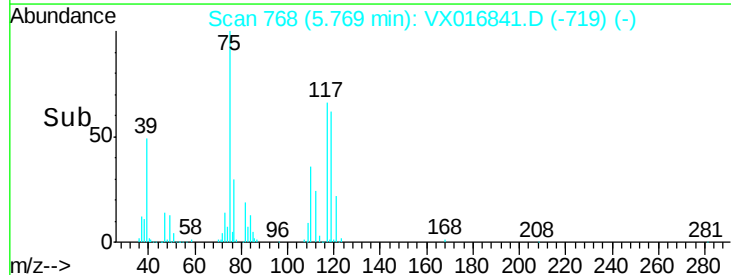
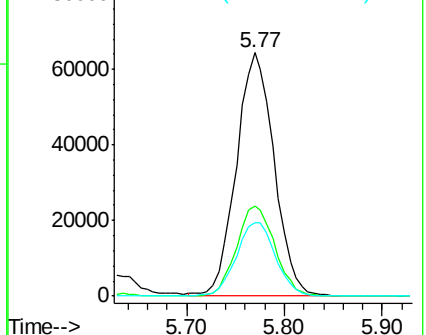
77 32.0 25.6 38.4

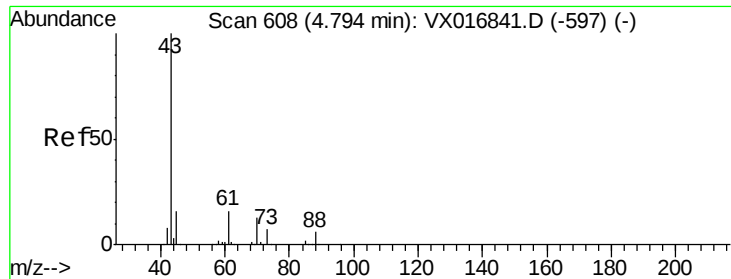


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 43.172 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

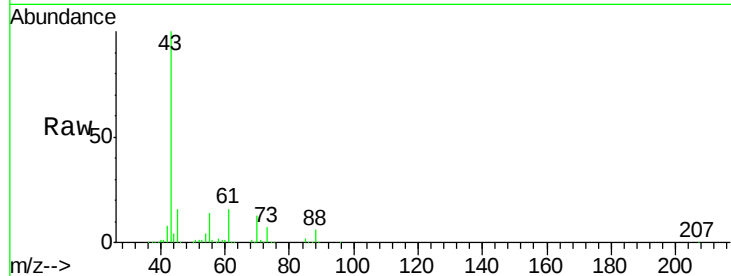
Tgt Ion: 43 Resp: 156545

Ion Ratio Lower Upper

43 100

61 15.2 12.2 18.2

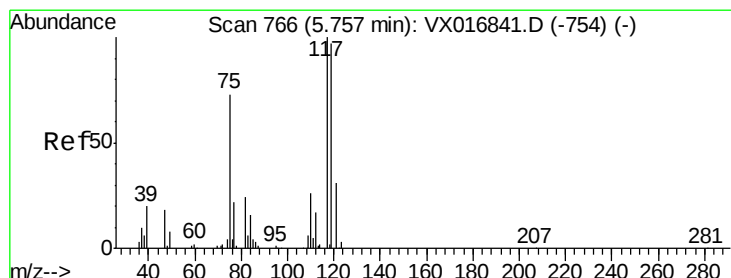
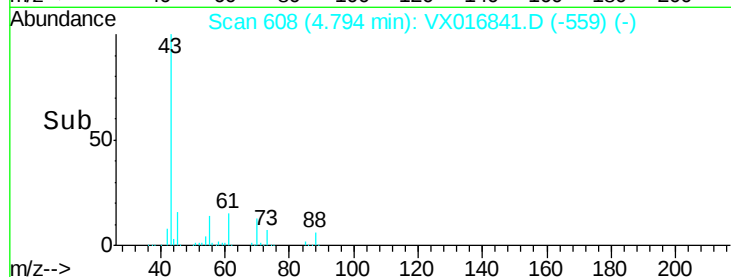
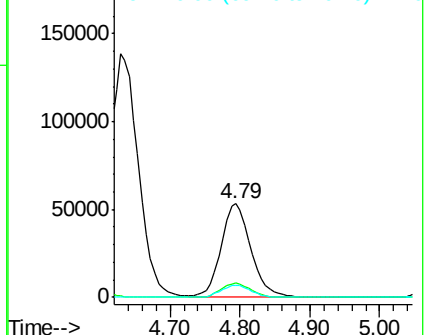
70 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.282 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

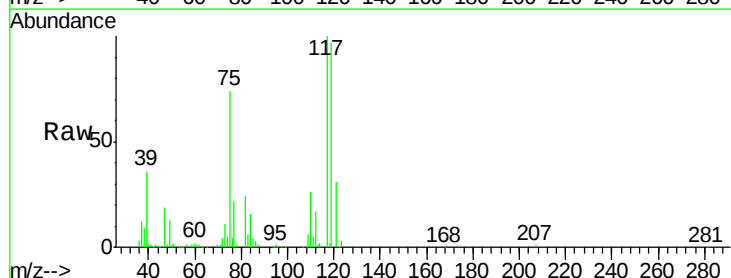
Tgt Ion: 117 Resp: 196649

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.2

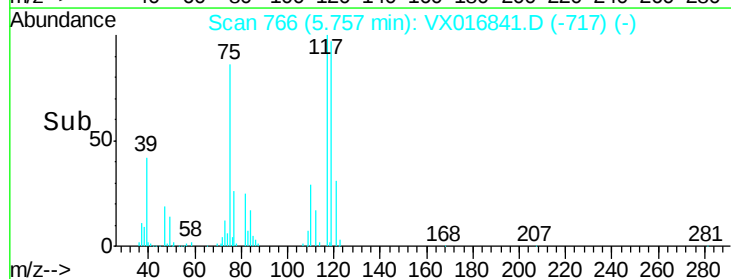
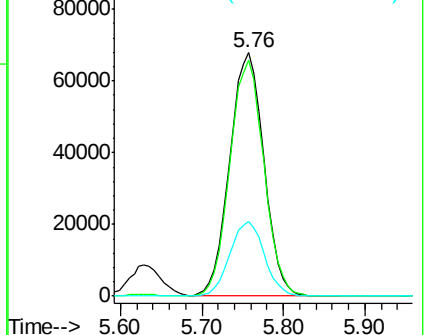
121 30.9 24.7 37.1

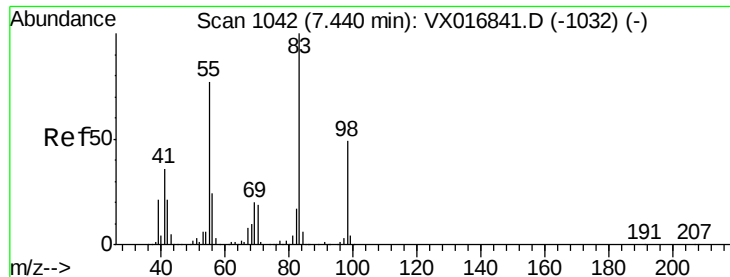


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

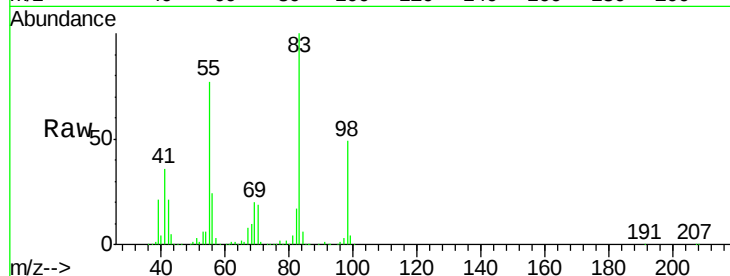




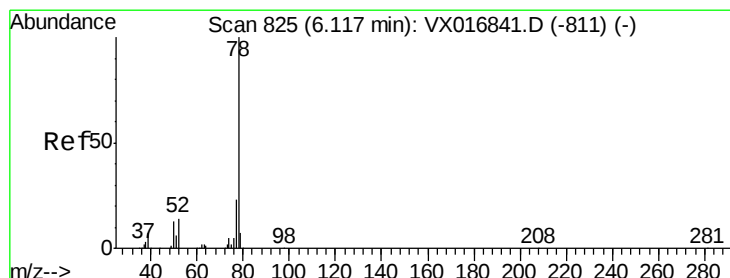
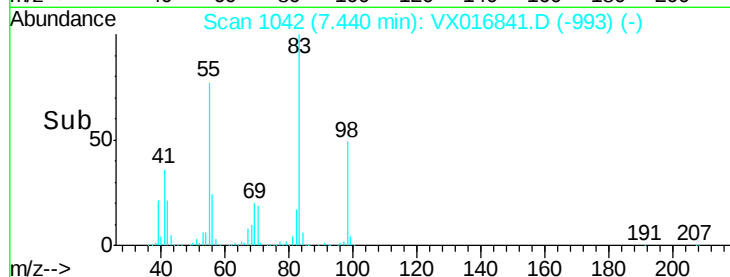
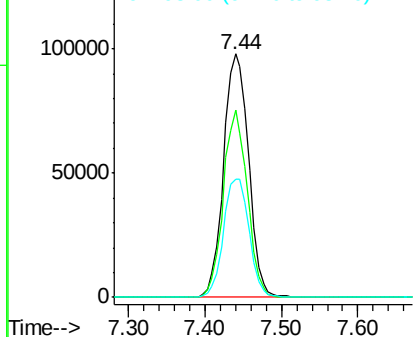
#39
Methylcyclohexane
Concen: 60.417 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion: 83 Resp: 220947
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 48.8 39.0 58.6

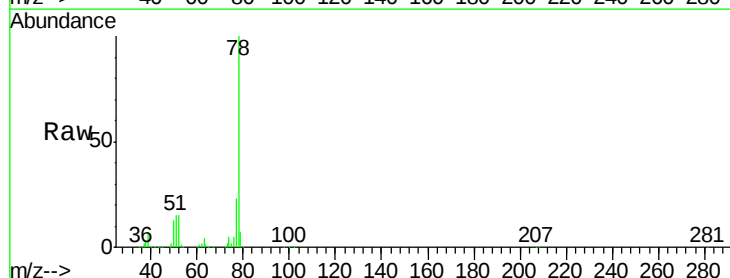


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

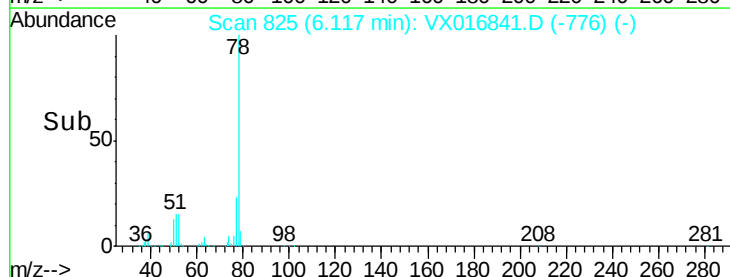
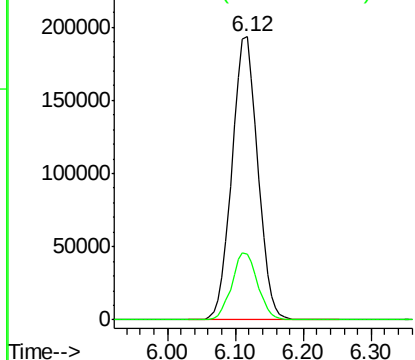


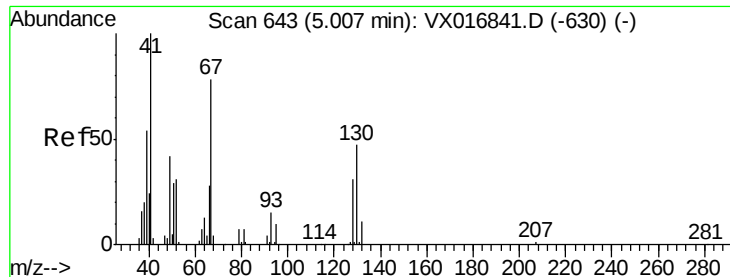
#40
Benzene
Concen: 49.643 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 78 Resp: 511054
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 44.582 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 86663

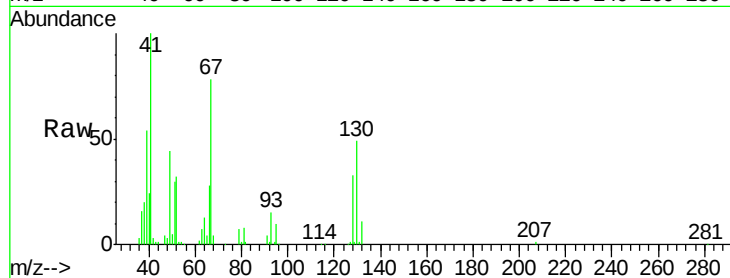
Ion Ratio Lower Upper

41 100

39 53.3 42.6 64.0

67 80.2 64.2 96.2

52 32.0 25.6 38.4

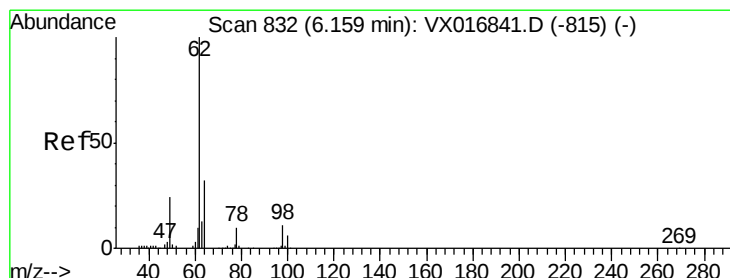
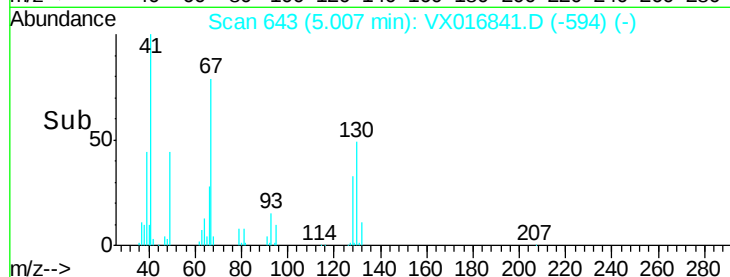
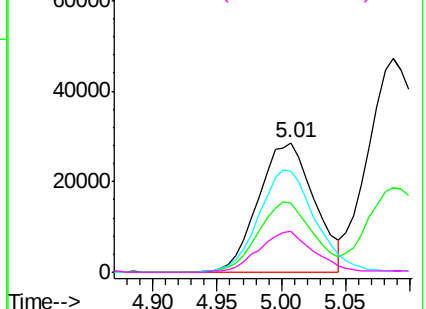


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.736 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX016841.D

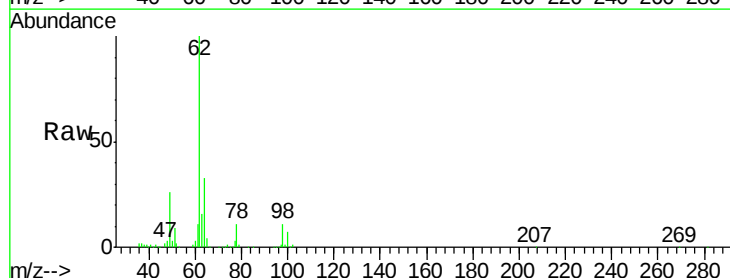
Acq: 18 Jun 2020 11:47

Tgt Ion: 62 Resp: 183029

Ion Ratio Lower Upper

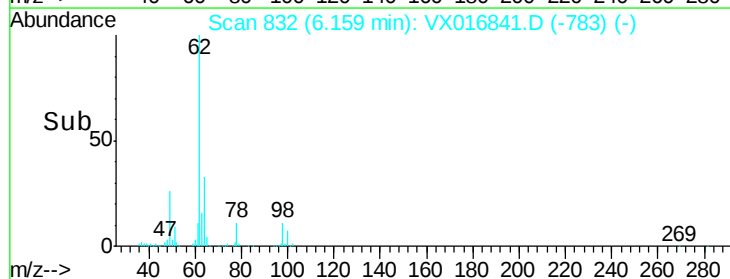
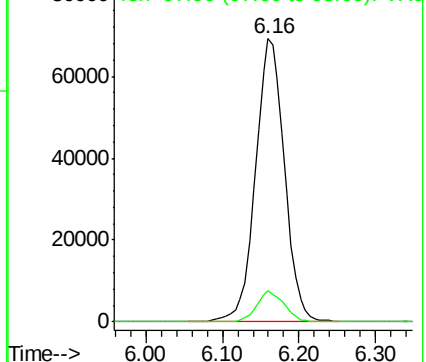
62 100

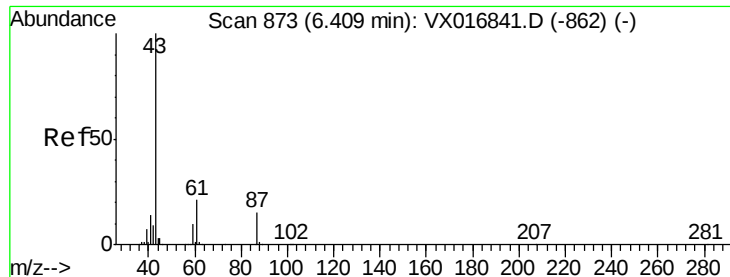
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

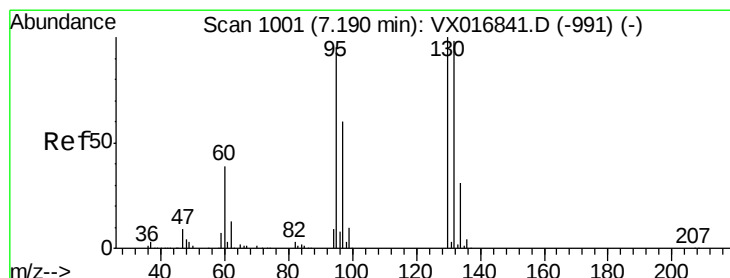
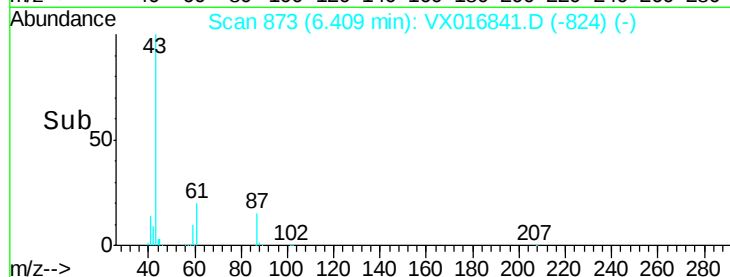
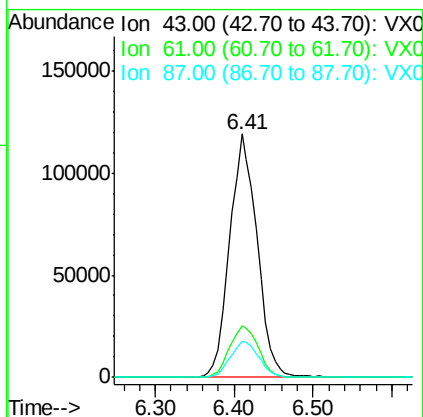
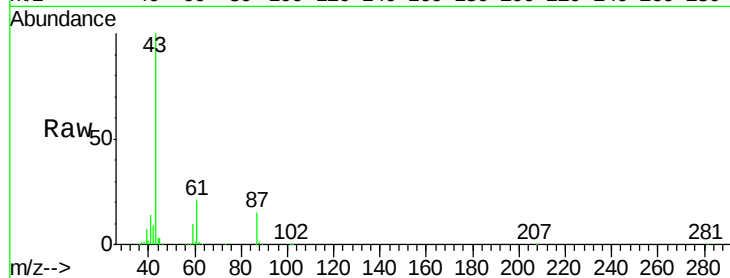




#43
Isopropyl Acetate
Concen: 49.473 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

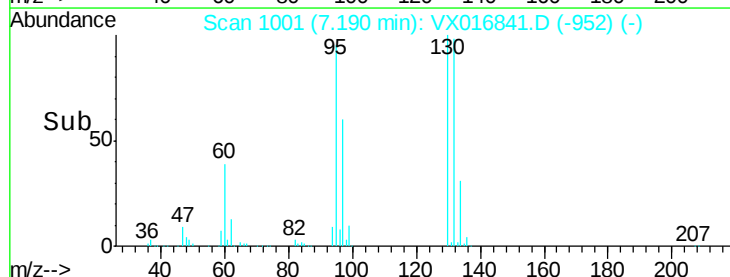
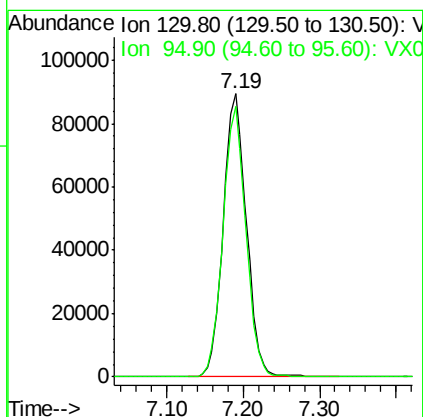
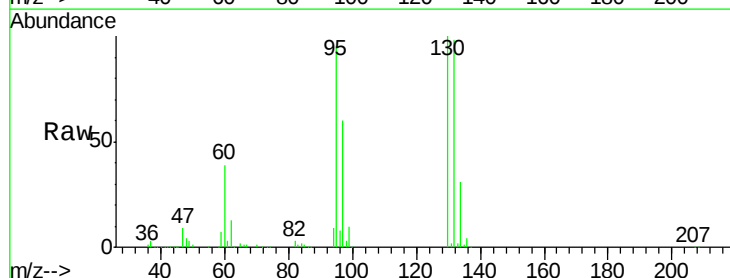
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

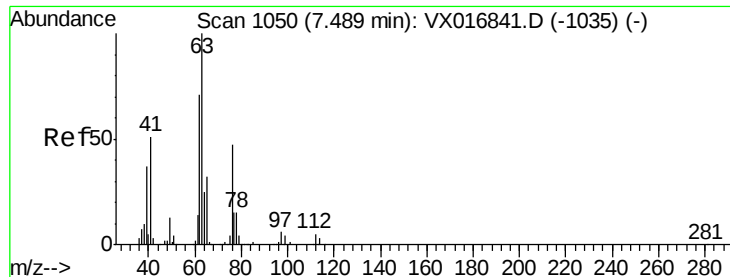
Tgt Ion: 43 Resp: 287285
Ion Ratio Lower Upper
43 100
61 22.4 17.9 26.9
87 15.5 12.4 18.6



#44
Trichloroethene
Concen: 57.135 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 130 Resp: 187546
Ion Ratio Lower Upper
130 100
95 95.4 0.0 190.8





#45

1,2-Dichloropropane

Concen: 51.607 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

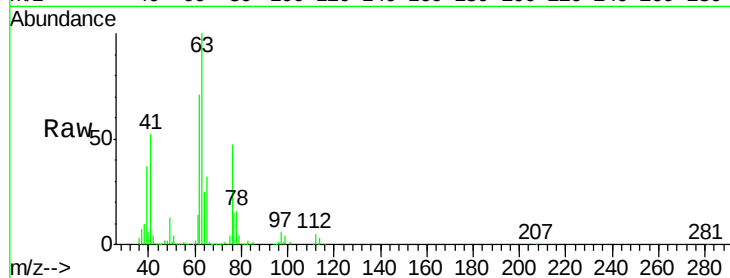
VSTDICCC050

Tgt Ion: 63 Resp: 131101

Ion Ratio Lower Upper

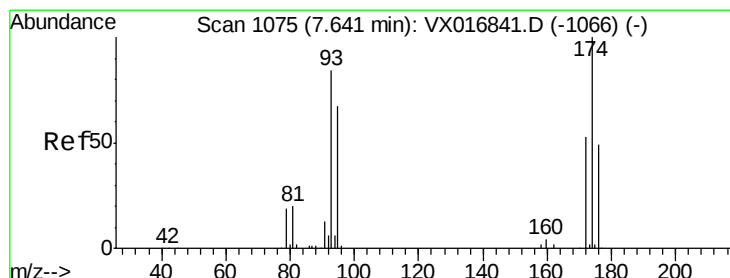
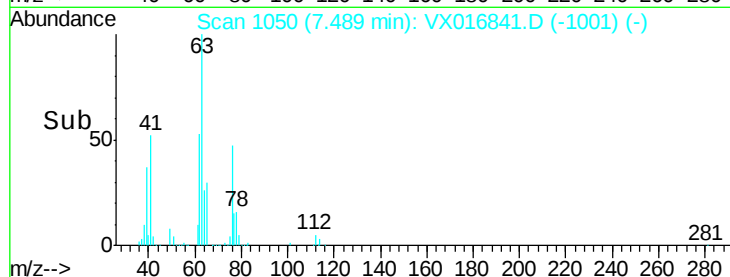
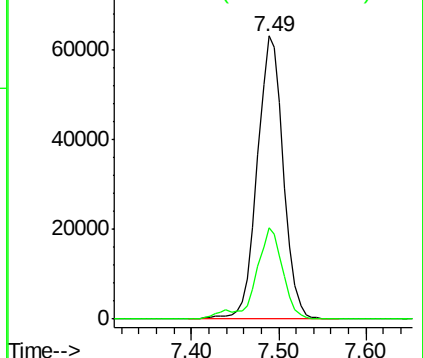
63 100

65 32.3 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.381 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

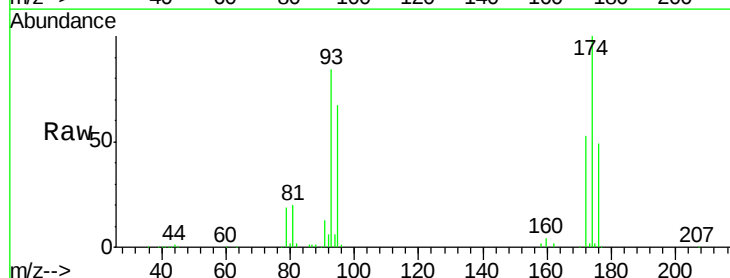
Tgt Ion: 93 Resp: 88868

Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

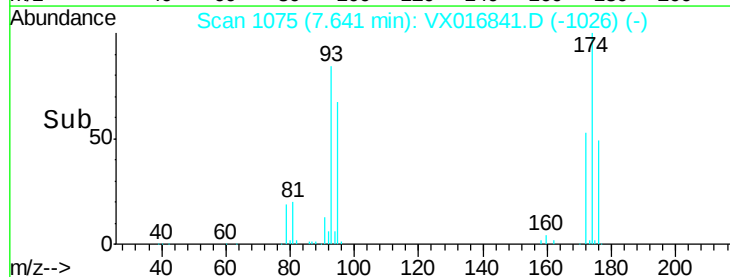
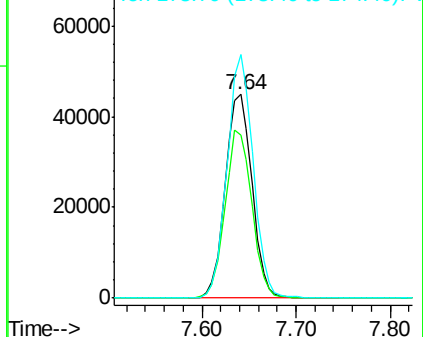
174 116.0 92.8 139.2

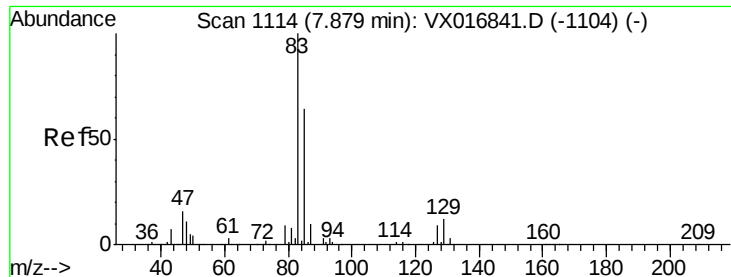


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.791 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

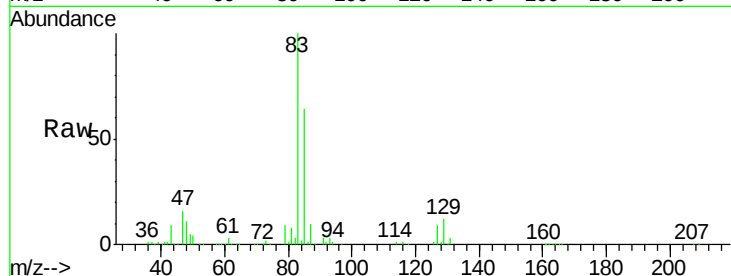
Tgt Ion: 83 Resp: 186687

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

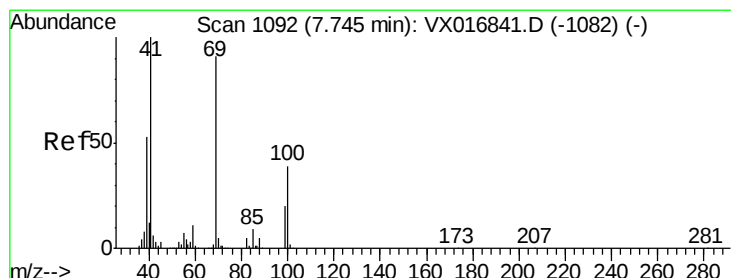
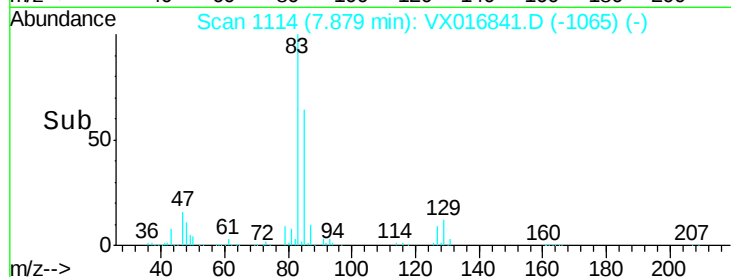
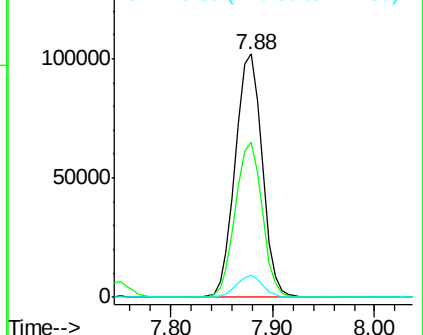
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.348 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

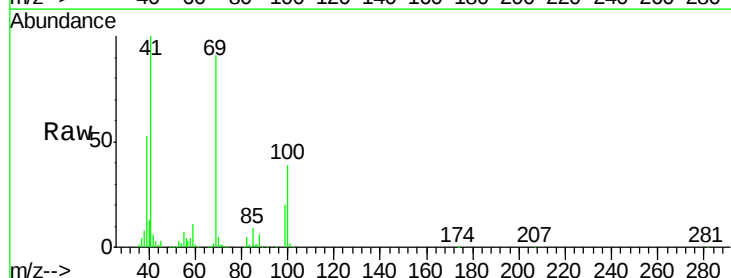
Tgt Ion: 41 Resp: 128874

Ion Ratio Lower Upper

41 100

69 91.6 73.3 109.9

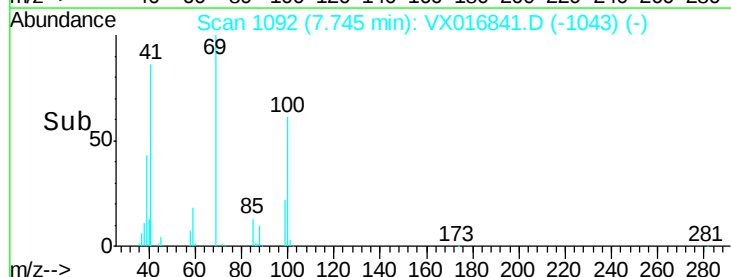
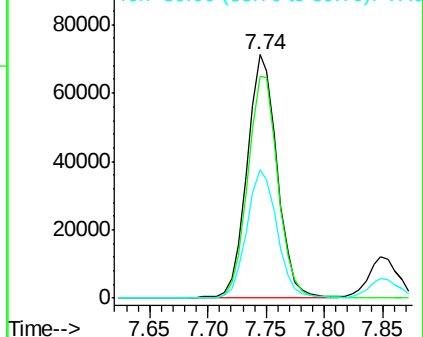
39 53.0 42.4 63.6

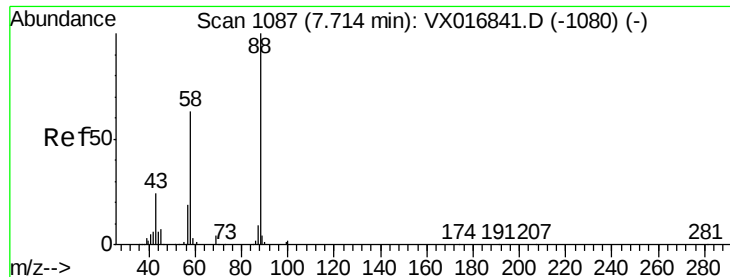


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 902.077 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

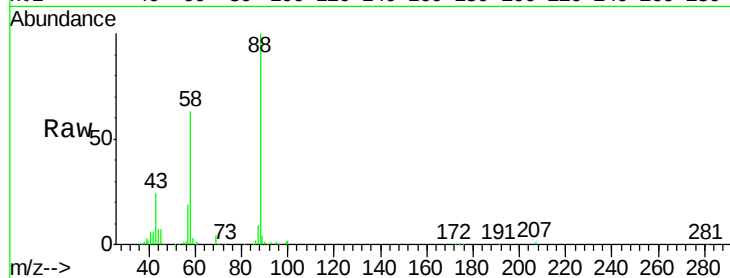
Tgt Ion: 88 Resp: 60193

Ion Ratio Lower Upper

88 100

43 28.4 22.7 34.1

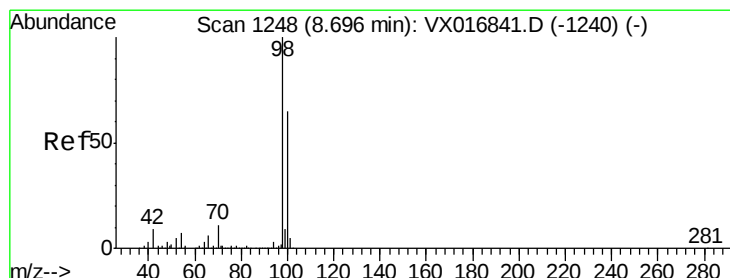
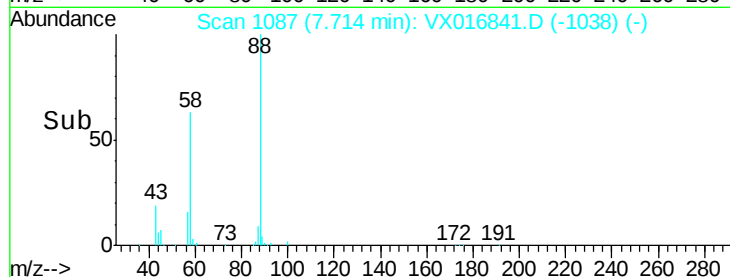
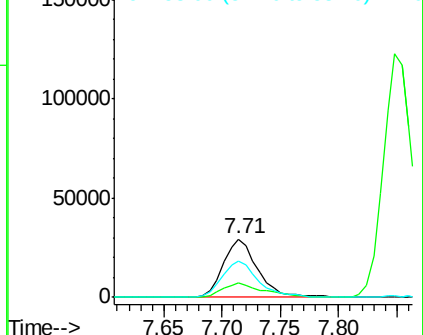
58 66.4 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.300 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016841.D

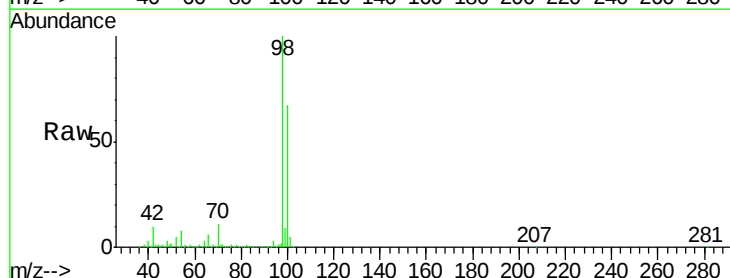
Acq: 18 Jun 2020 11:47

Tgt Ion: 98 Resp: 471532

Ion Ratio Lower Upper

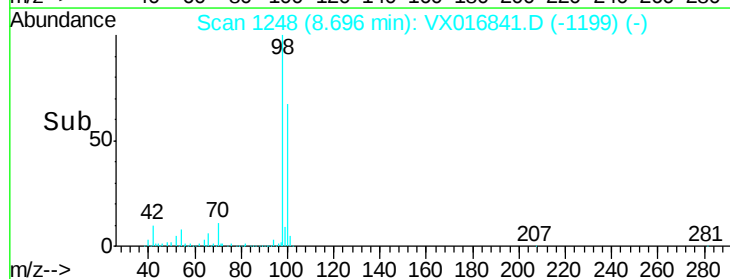
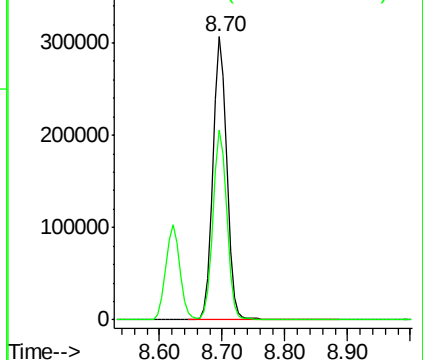
98 100

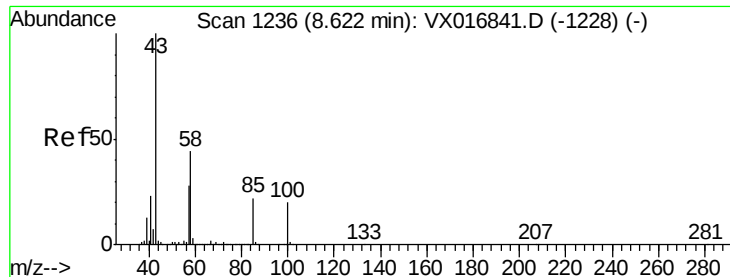
100 67.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

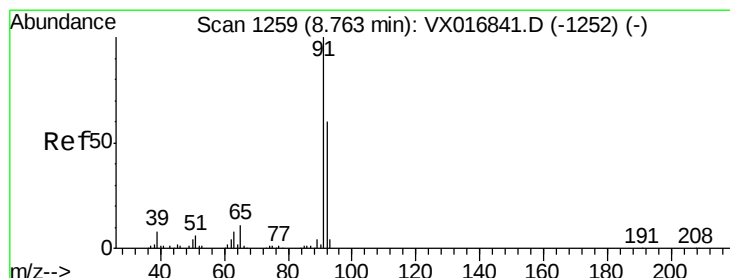
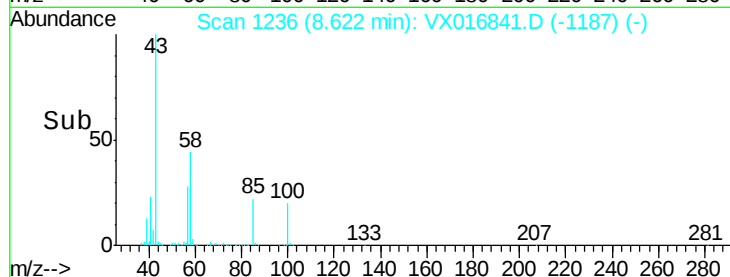
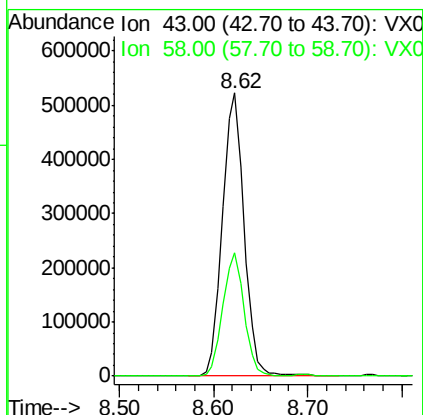
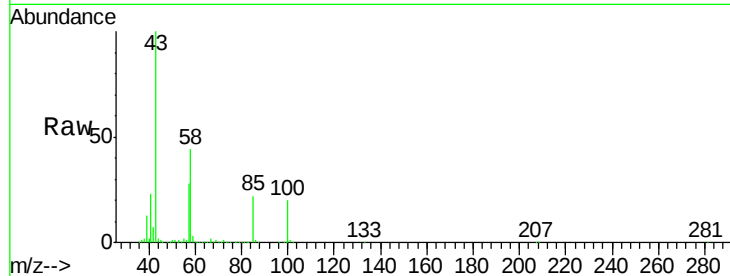




#51
 4-Methyl-2-Pentanone
 Concen: 236.872 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

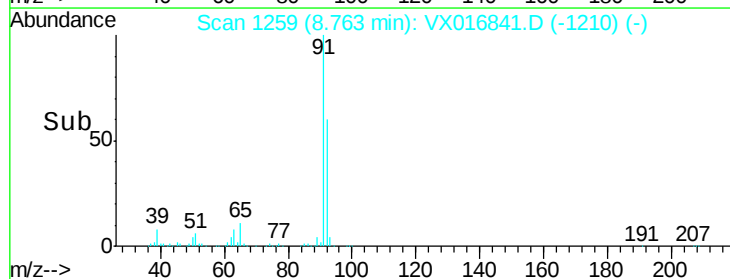
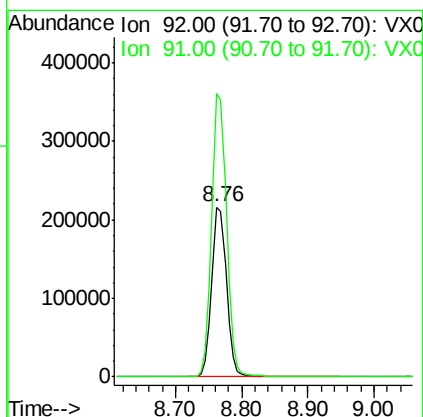
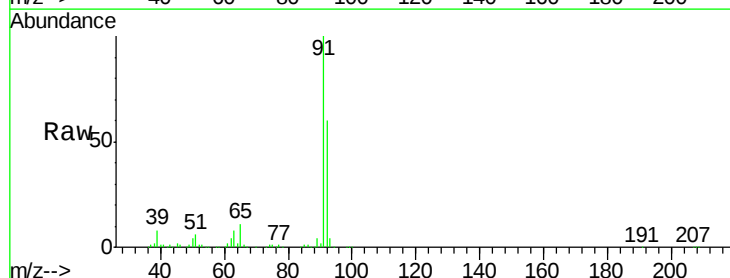
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

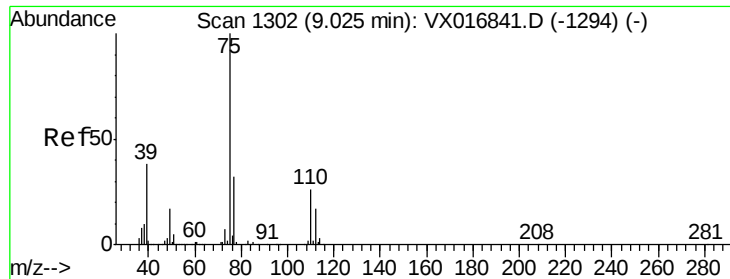
Tgt Ion: 43 Resp: 835394
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.3 51.5



#52
 Toluene
 Concen: 50.268 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion: 92 Resp: 336705
 Ion Ratio Lower Upper
 92 100
 91 167.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.873 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

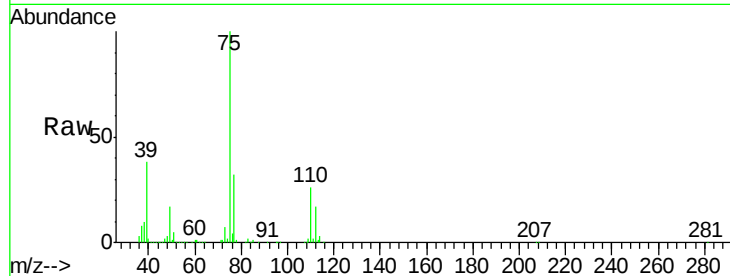
VSTDICCC050

Tgt Ion: 75 Resp: 210668

Ion Ratio Lower Upper

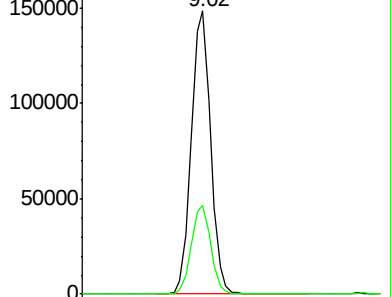
75 100

77 31.6 25.3 37.9

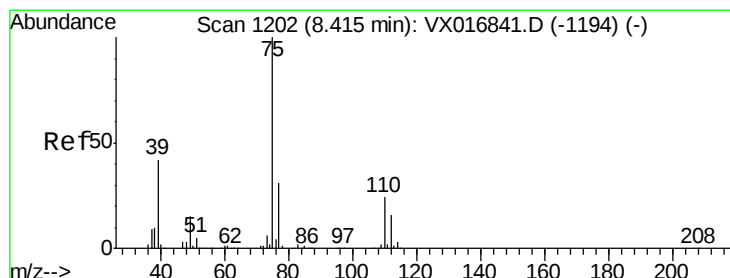
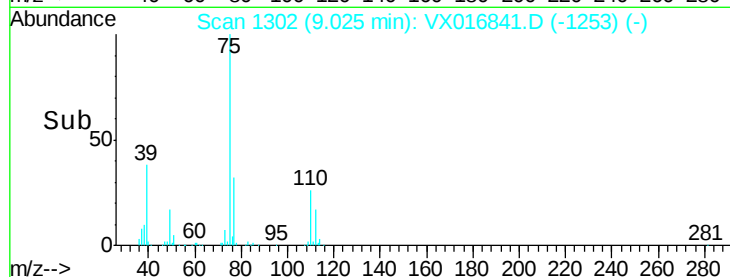


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 49.168 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

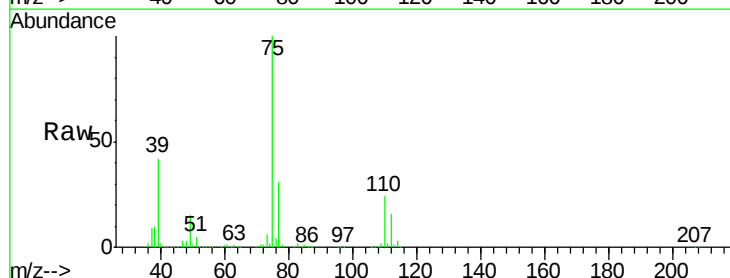
Tgt Ion: 75 Resp: 221908

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

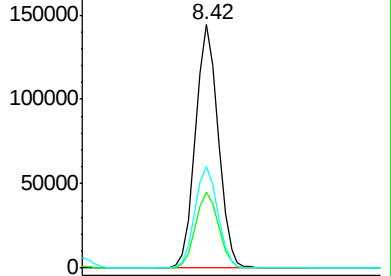
39 41.7 33.4 50.0



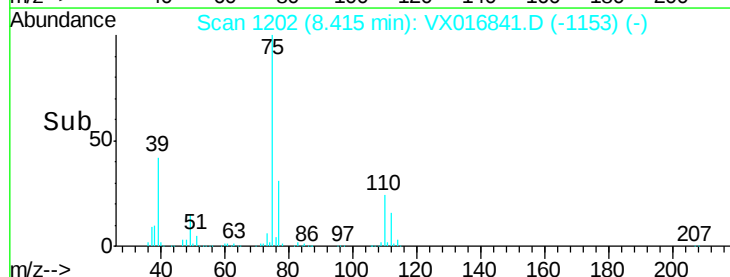
Abundance Ion 74.90 (74.60 to 75.60): VX0

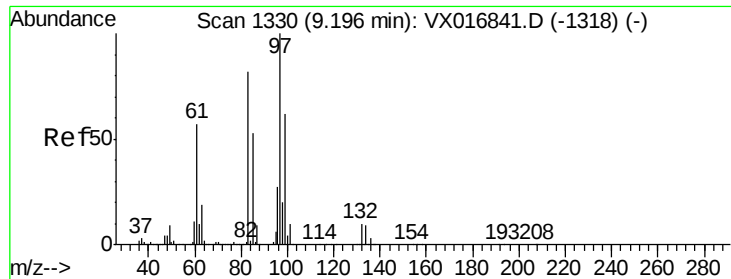
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50

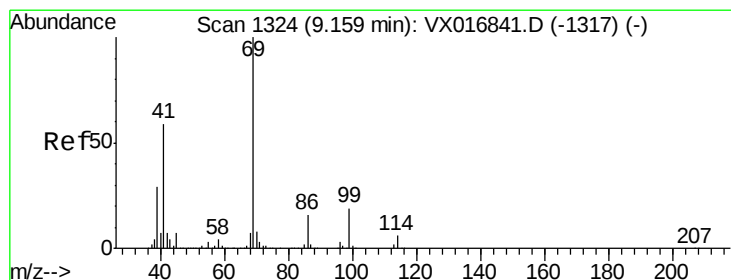
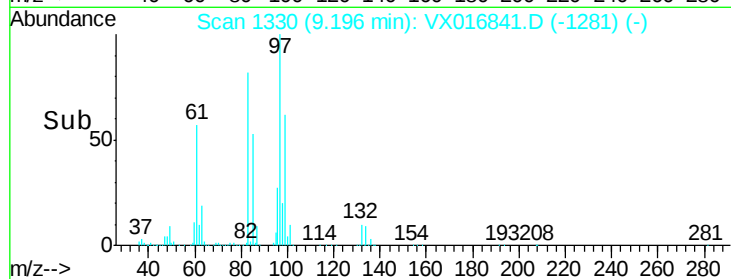
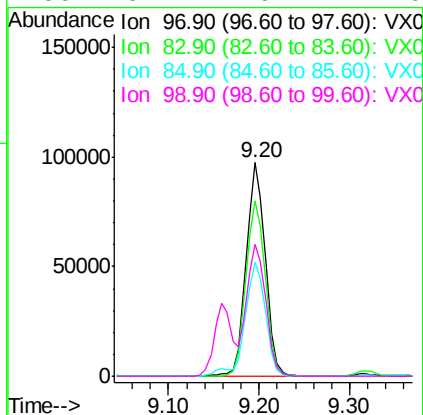
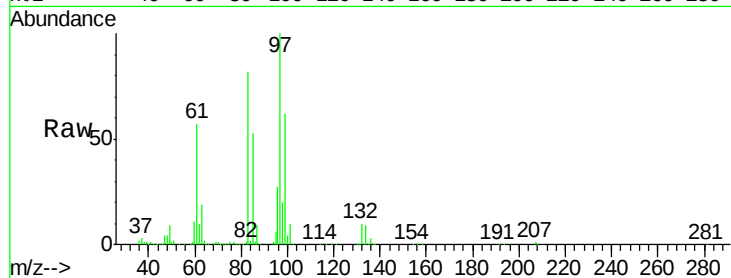




#55
 1,1,2-Trichloroethane
 Concen: 52.279 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

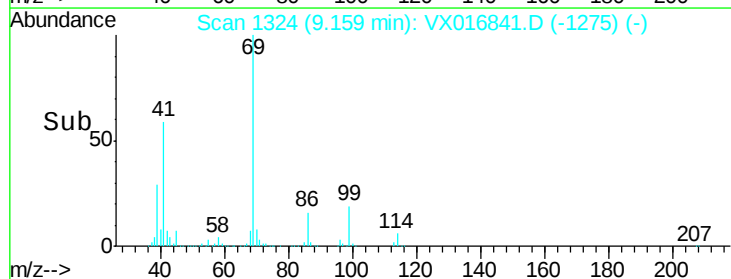
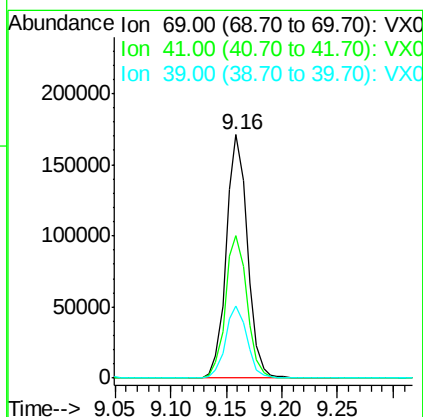
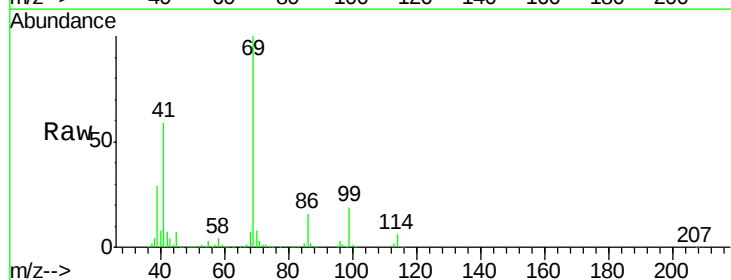
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

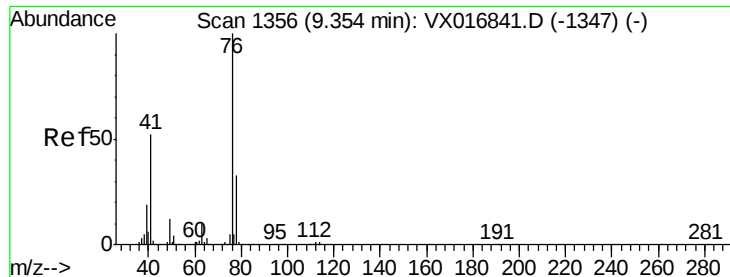
Tgt Ion:	97	Resp:	142146
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.5	98.3
85	53.2	42.6	63.8
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 55.100 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion:	69	Resp:	224881
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	30.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 52.186 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

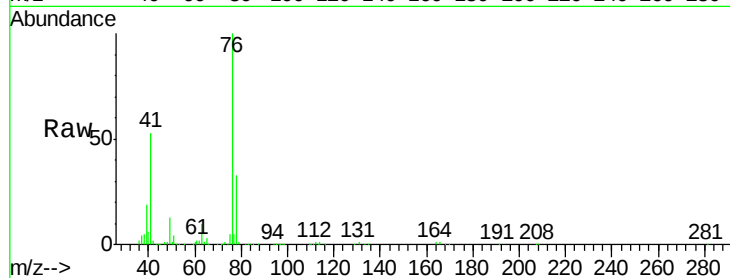
VSTDICCC050

Tgt Ion: 76 Resp: 239174

Ion Ratio Lower Upper

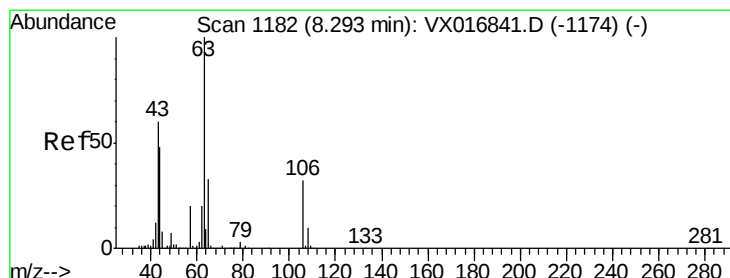
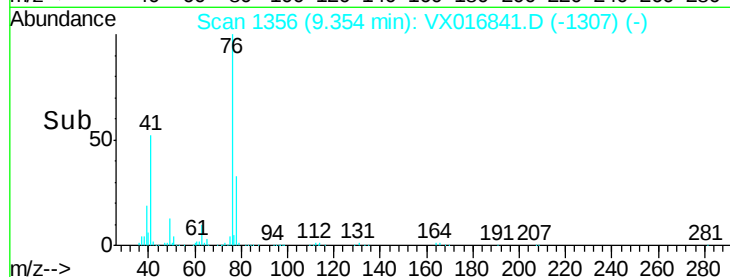
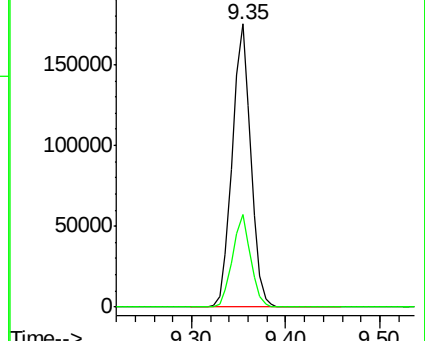
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.820 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016841.D

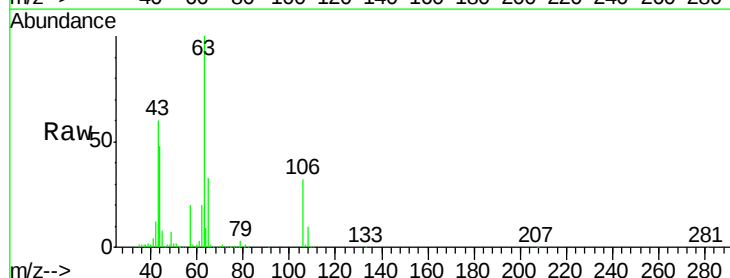
Acq: 18 Jun 2020 11:47

Tgt Ion: 63 Resp: 494047

Ion Ratio Lower Upper

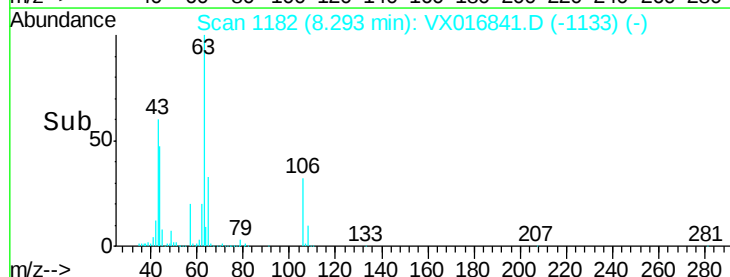
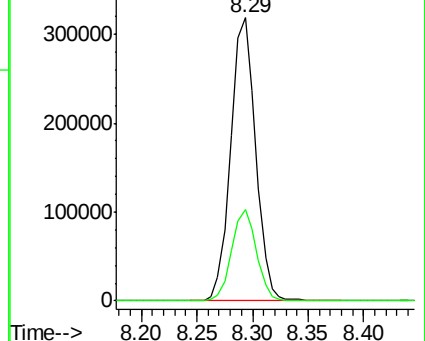
63 100

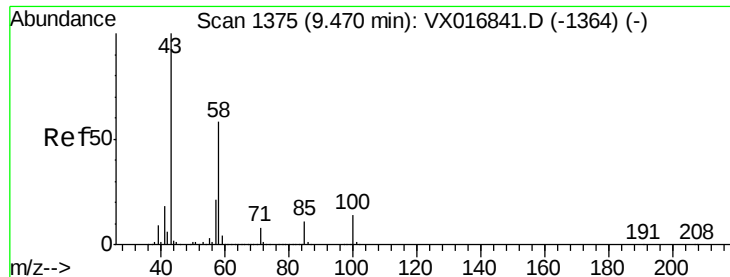
106 32.2 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

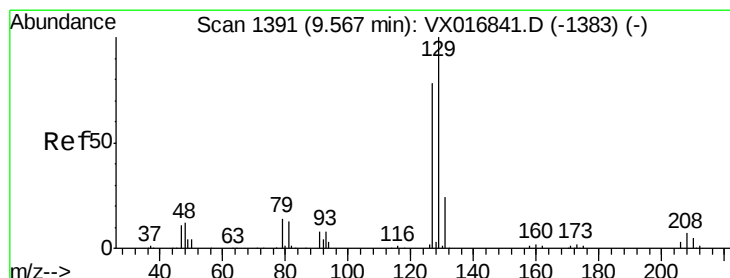
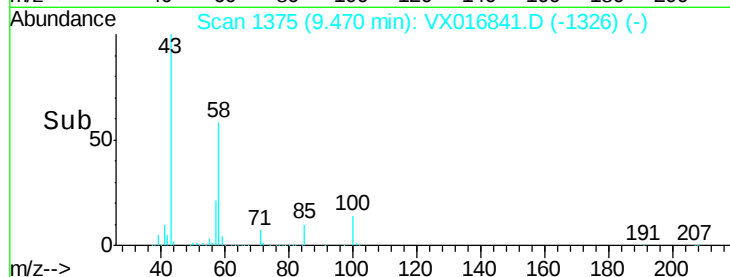
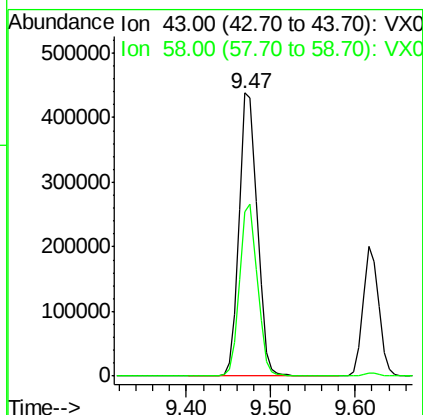
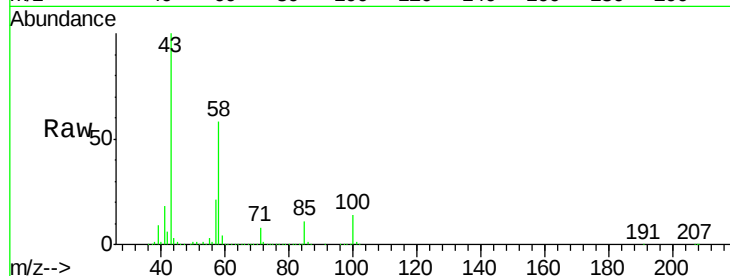




#59
2-Hexanone
Concen: 232.874 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

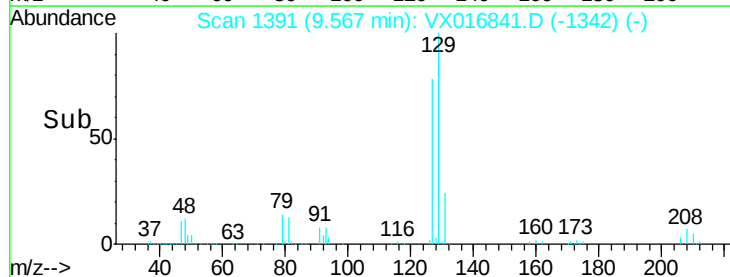
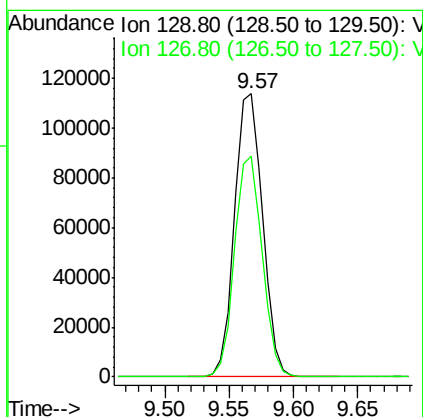
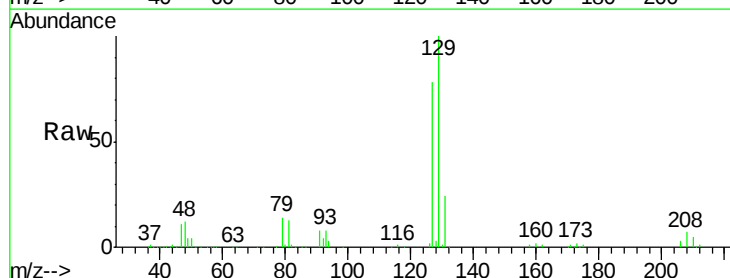
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

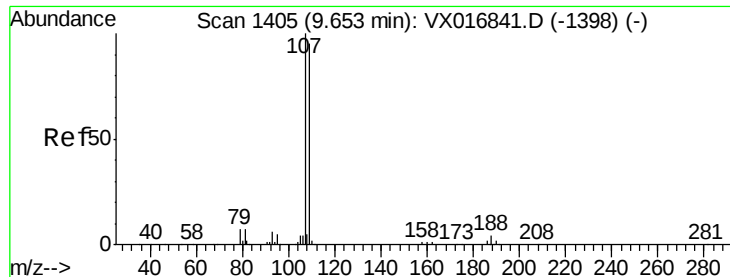
Tgt Ion: 43 Resp: 630318
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.4



#60
Dibromochloromethane
Concen: 53.713 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 129 Resp: 172818
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.201 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

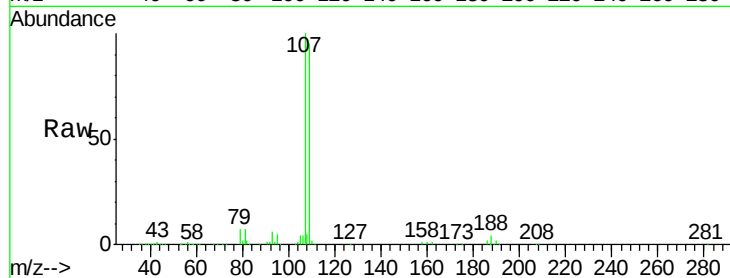
VSTDICCC050

Tgt Ion: 107 Resp: 147136

Ion Ratio Lower Upper

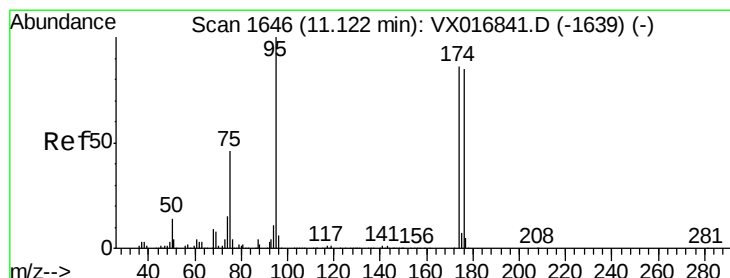
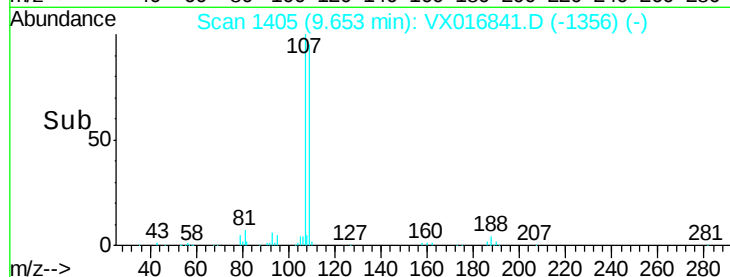
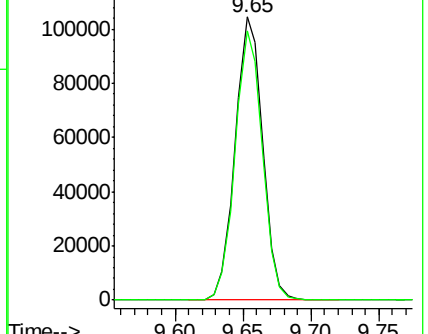
107 100

109 94.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

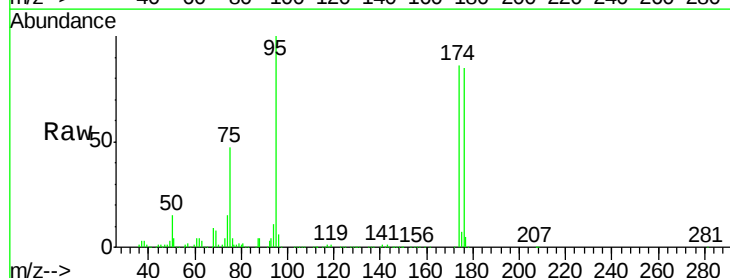
Tgt Ion: 95 Resp: 175096

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.2

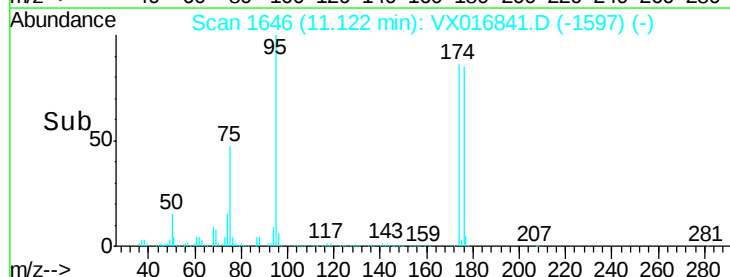
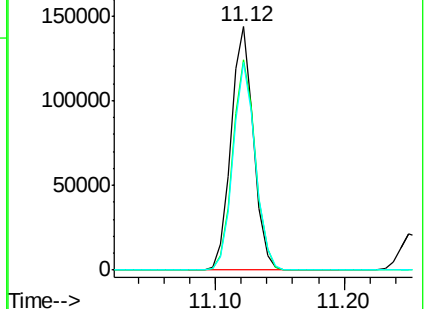
176 85.0 0.0 170.0

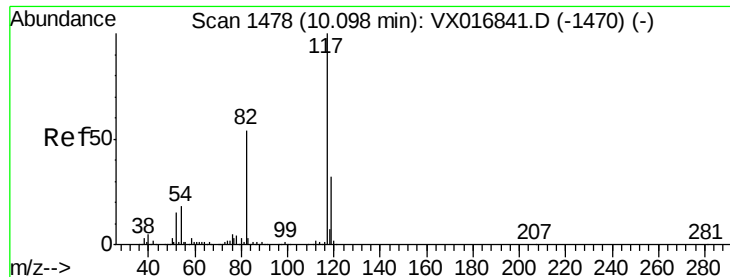


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

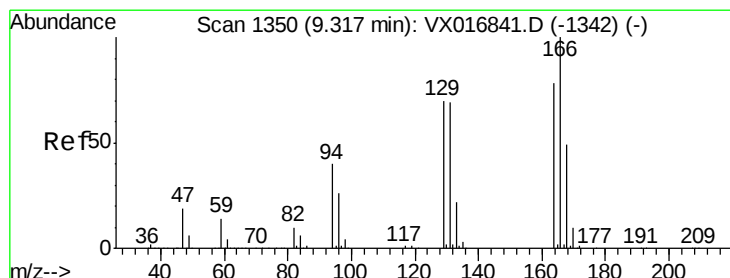
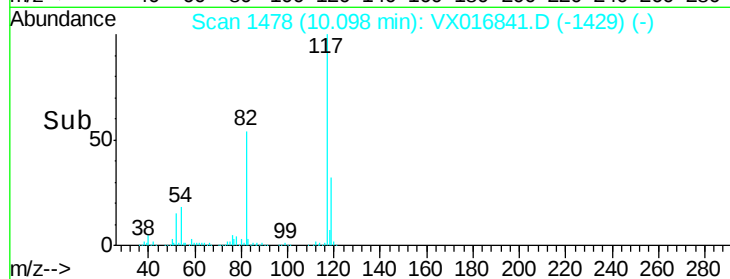
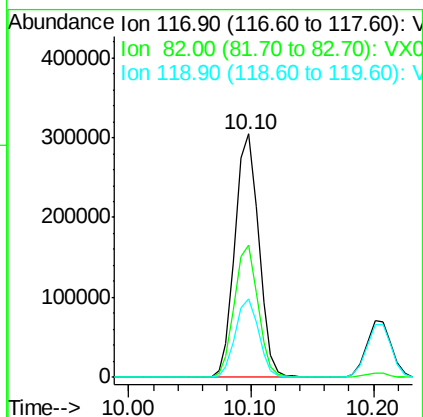
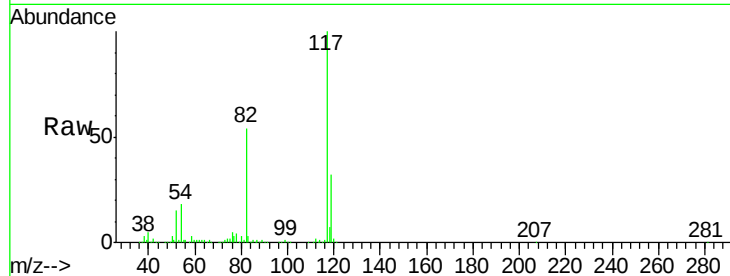




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

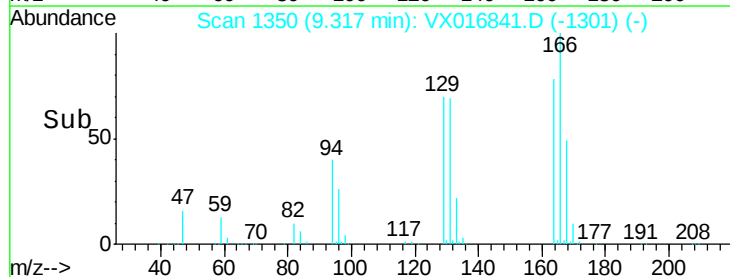
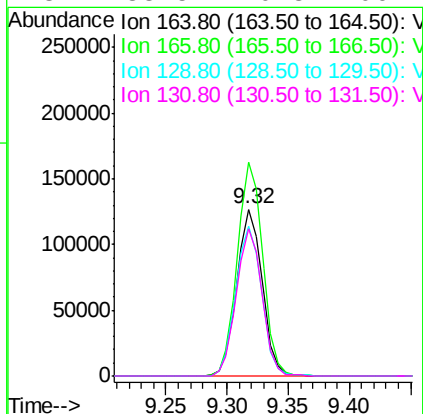
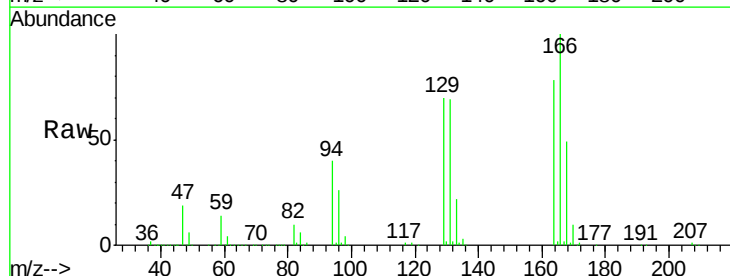
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

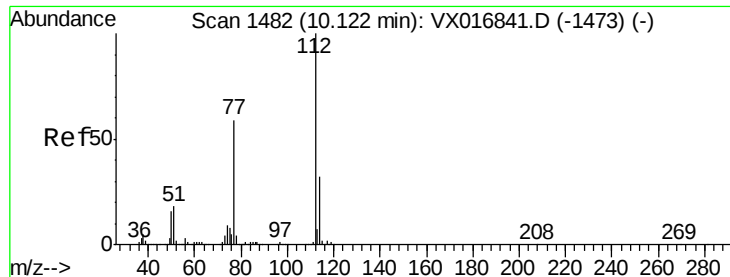
Tgt Ion:117 Resp: 411447
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 46.557 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion:164 Resp: 181740
Ion Ratio Lower Upper
164 100
166 128.2 102.6 153.8
129 90.2 72.2 108.2
131 88.5 70.8 106.2





#65

Chlorobenzene

Concen: 48.694 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

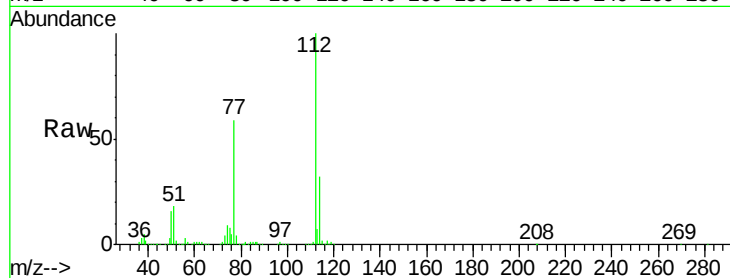
VSTDICCC050

Tgt Ion:112 Resp: 405322

Ion Ratio Lower Upper

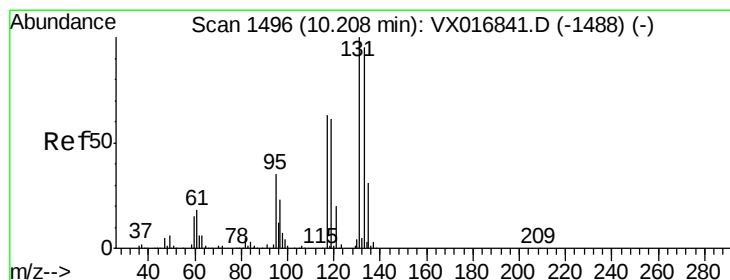
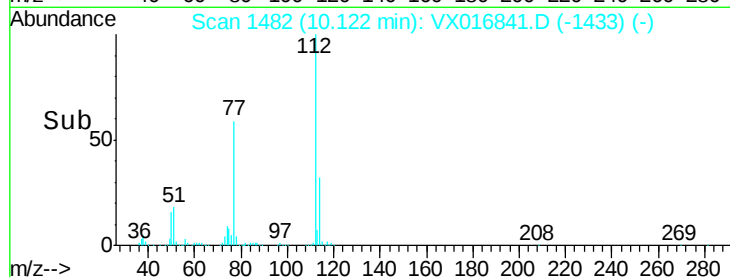
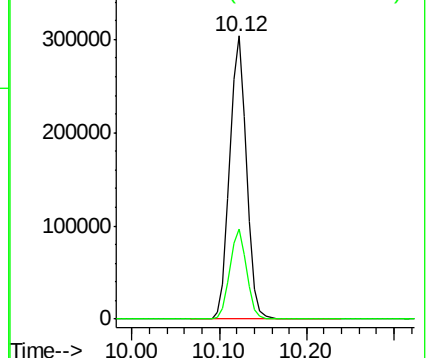
112 100

114 31.9 25.5 38.3



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: 46.266 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

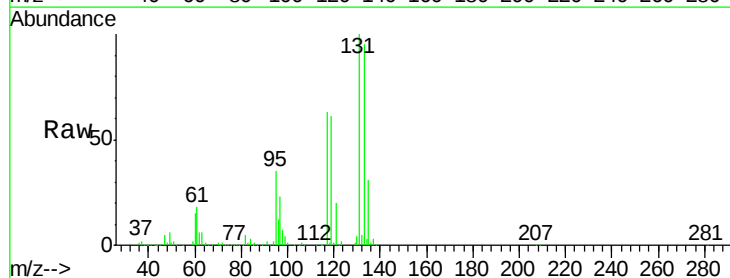
Tgt Ion:131 Resp: 151856

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

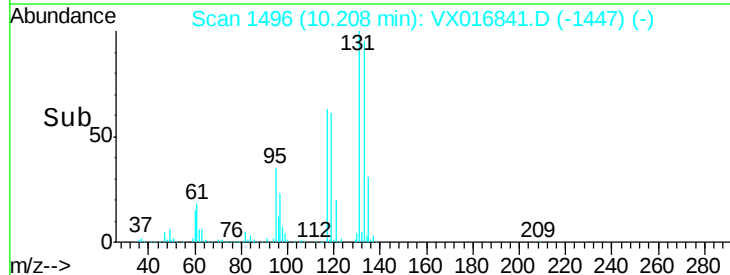
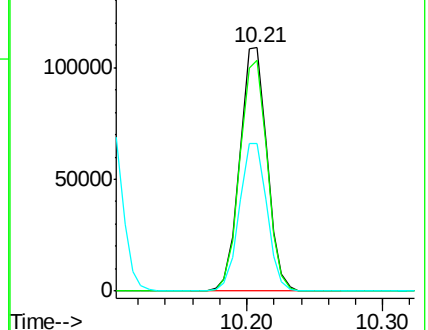
119 61.6 30.8 92.4

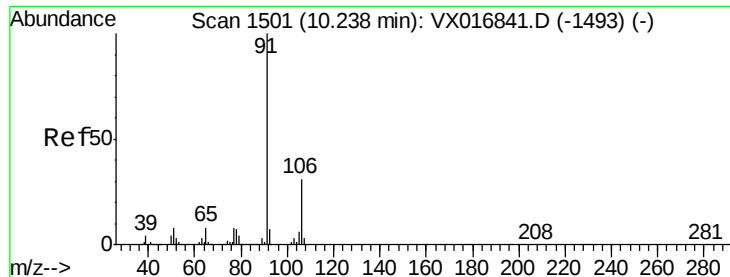


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

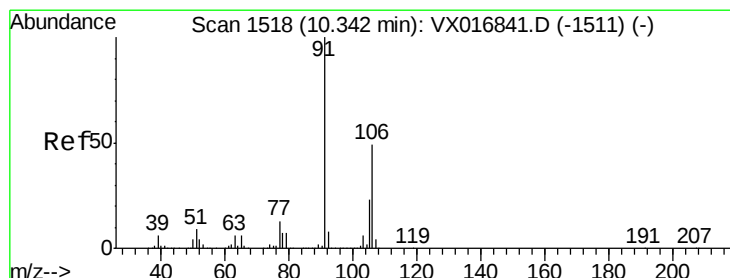
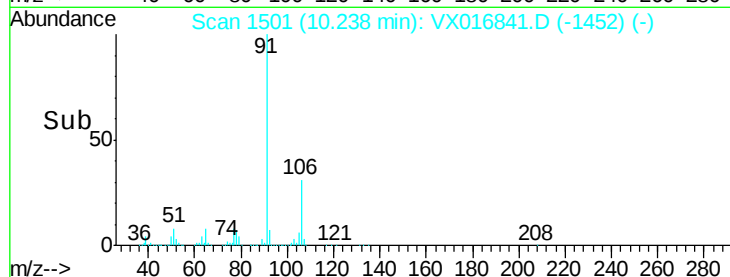
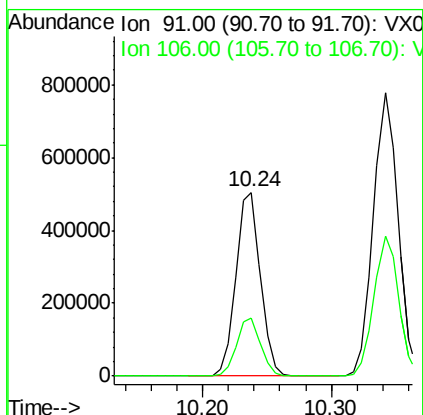
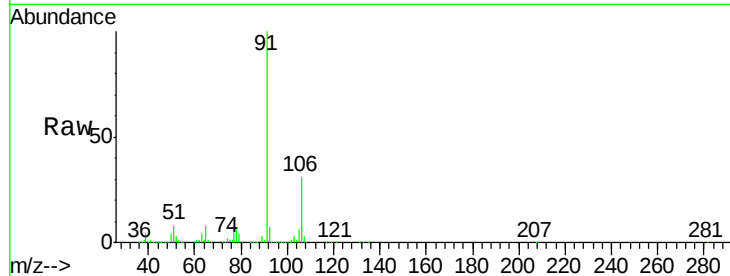




#67
Ethyl Benzene
Concen: 47.954 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

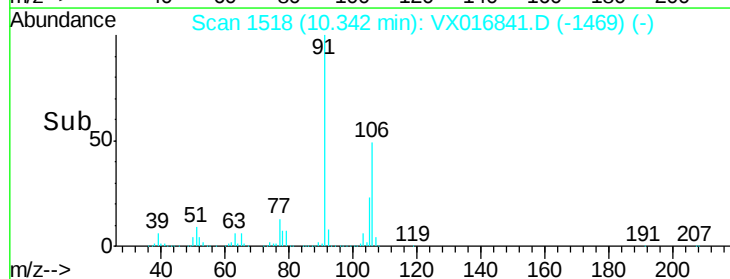
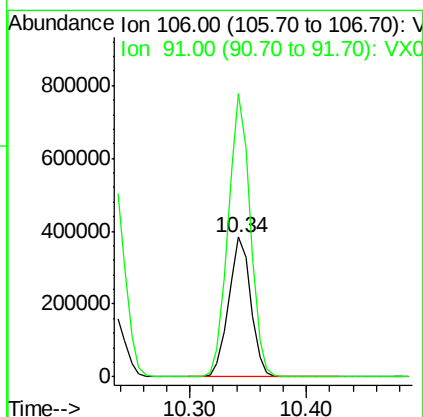
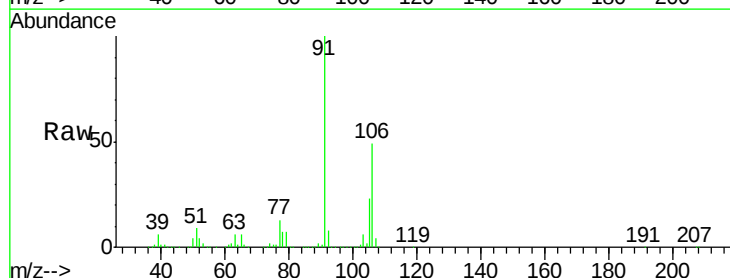
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

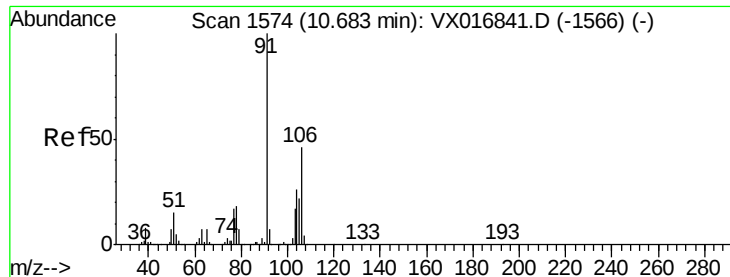
Tgt Ion: 91 Resp: 668598
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 96.518 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 106 Resp: 508460
Ion Ratio Lower Upper
106 100
91 201.9 161.5 242.3

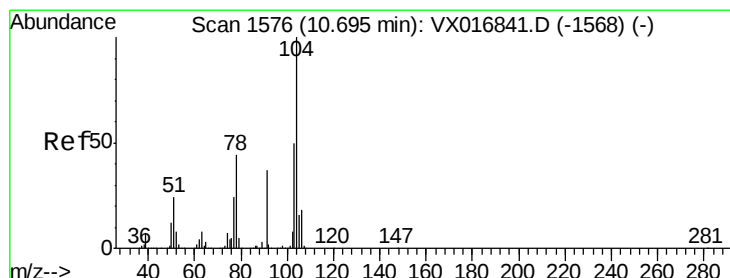
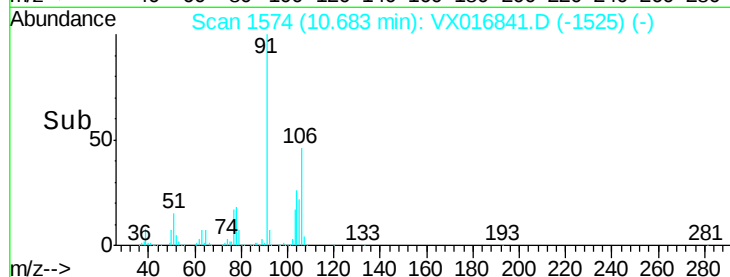
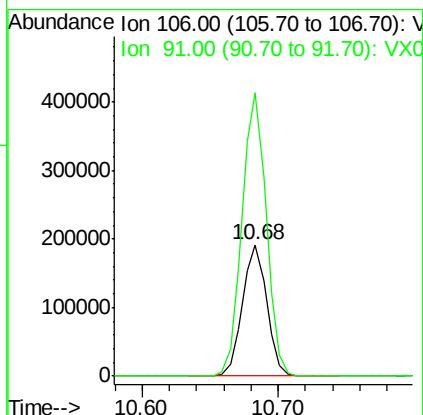
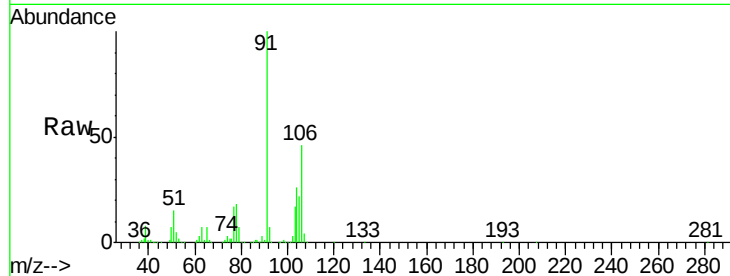




#69
o-Xylene
Concen: 47.272 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

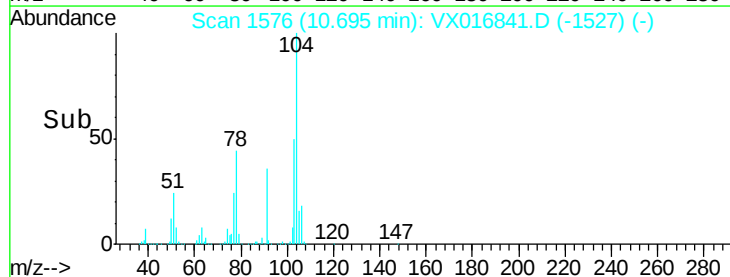
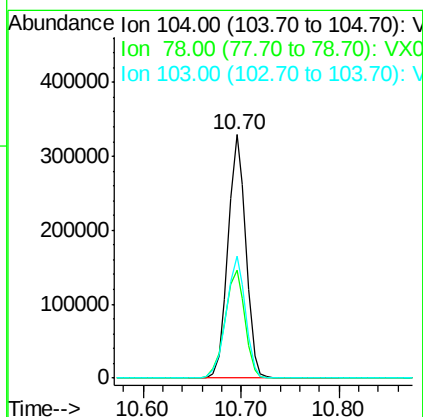
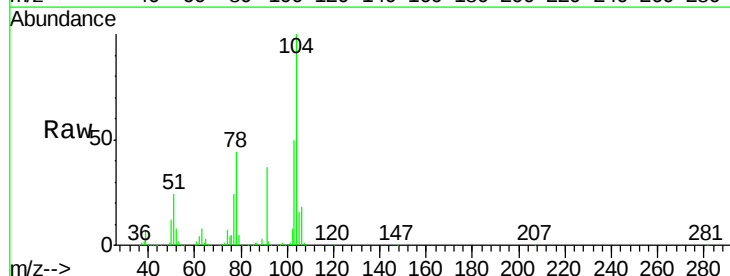
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

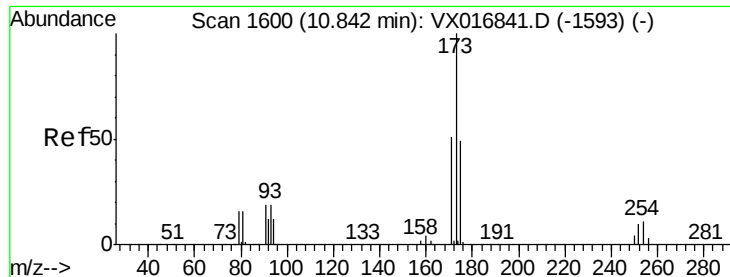
Tgt Ion:106 Resp: 239315
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.7



#70
Styrene
Concen: 47.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion:104 Resp: 417292
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 54.1 43.3 64.9





#71

Bromoform

Concen: 45.120 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

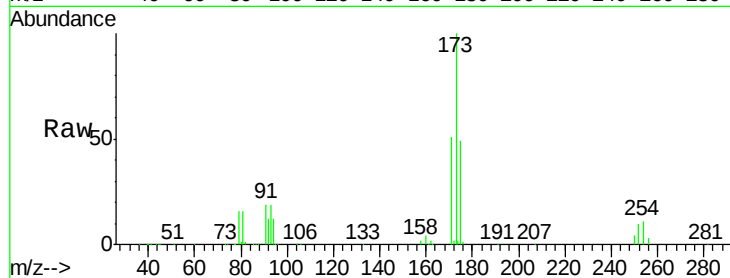
Tgt Ion:173 Resp: 125595

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

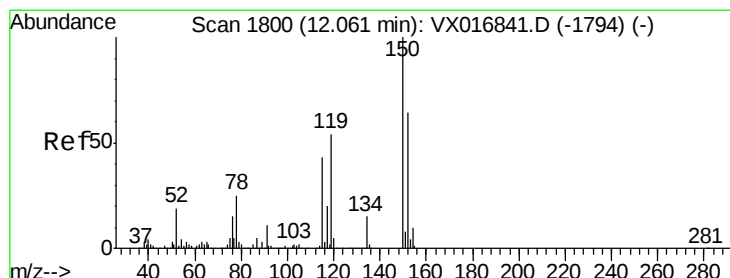
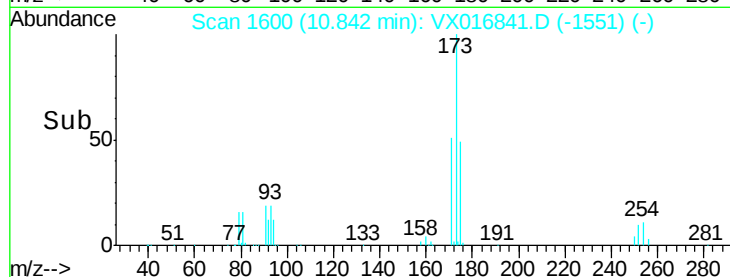
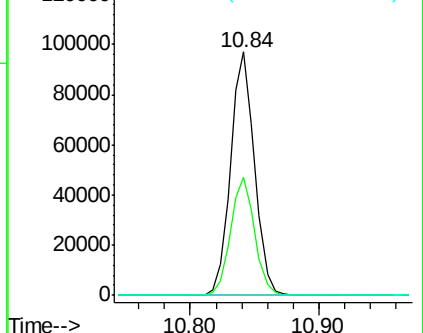
254 0.1 0.1 0.1



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: VX016841.D

Acq: 18 Jun 2020 11:47

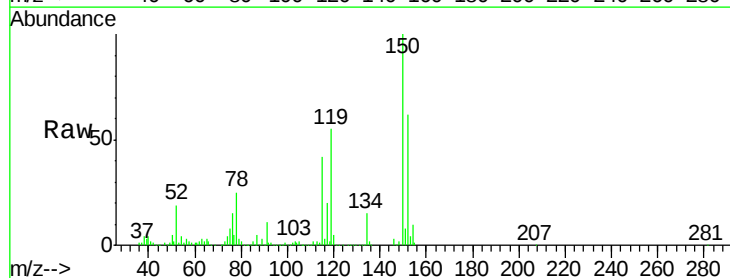
Tgt Ion:152 Resp: 188954

Ion Ratio Lower Upper

152 100

115 81.9 40.9 122.8

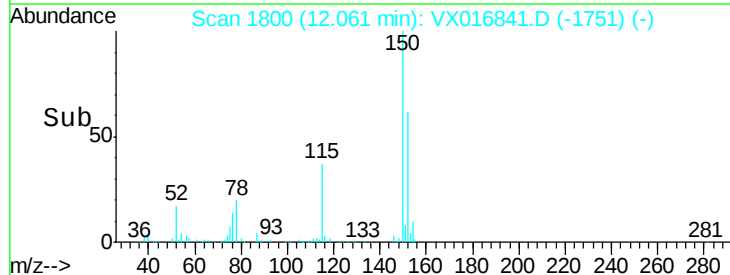
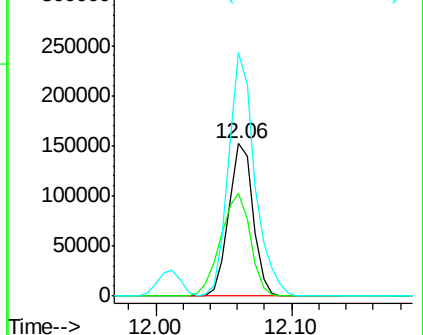
150 172.1 0.0 344.2

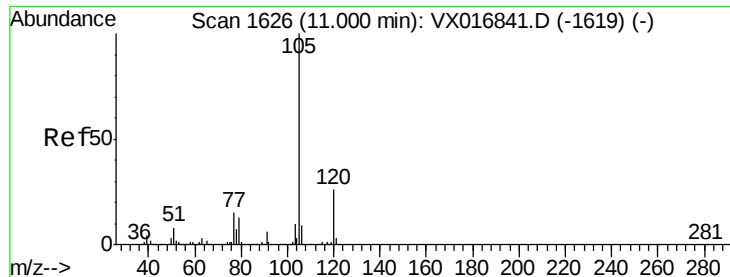


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.614 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

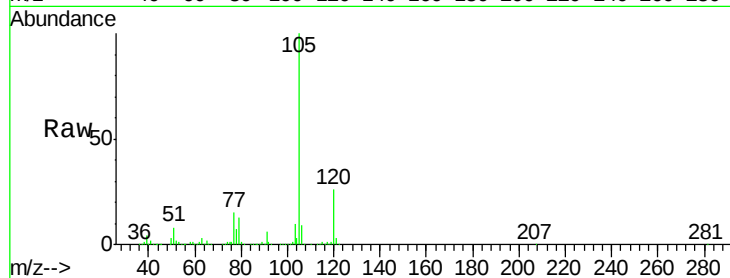
VSTDICCC050

Tgt Ion: 105 Resp: 640653

Ion Ratio Lower Upper

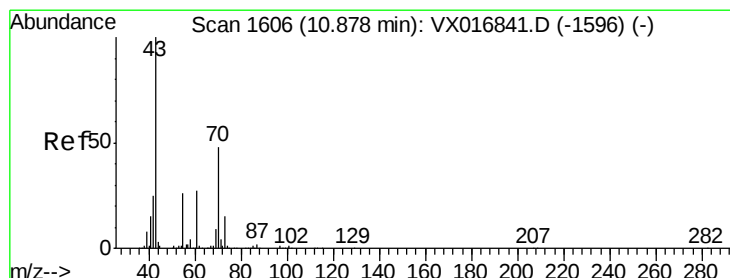
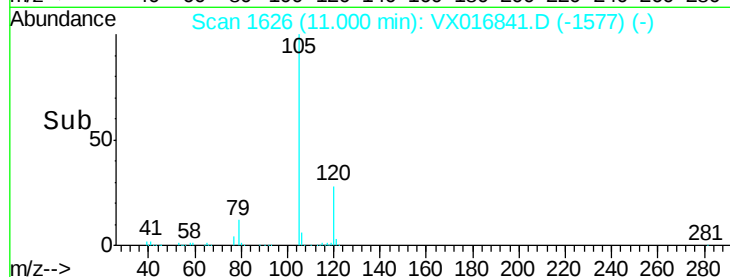
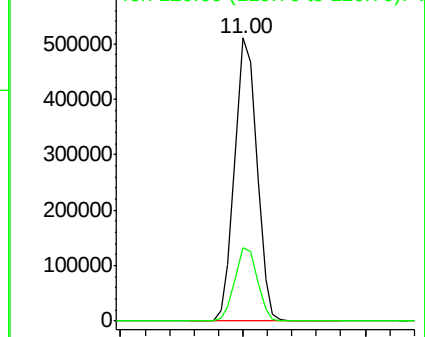
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.700 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion: 43 Resp: 232174

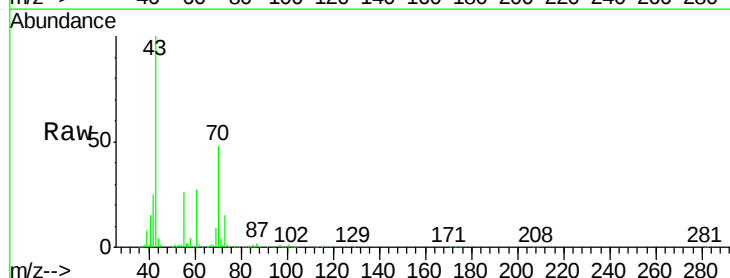
Ion Ratio Lower Upper

43 100

70 49.9 39.9 59.9

55 27.2 21.8 32.6

61 27.8 22.2 33.4

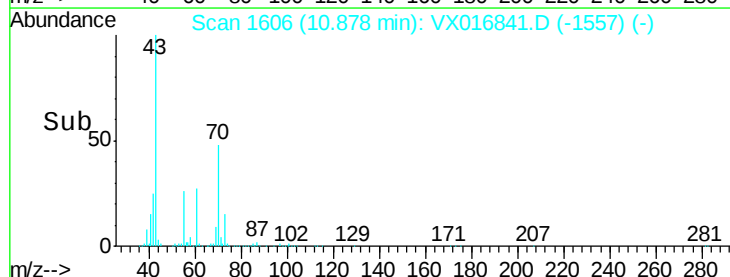
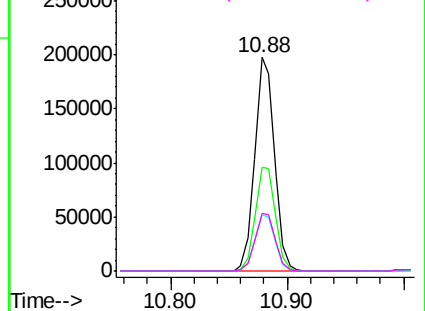


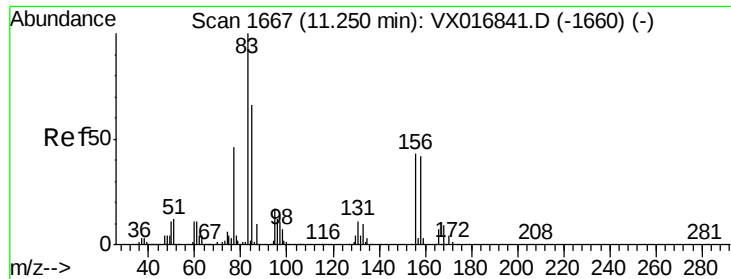
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.809 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

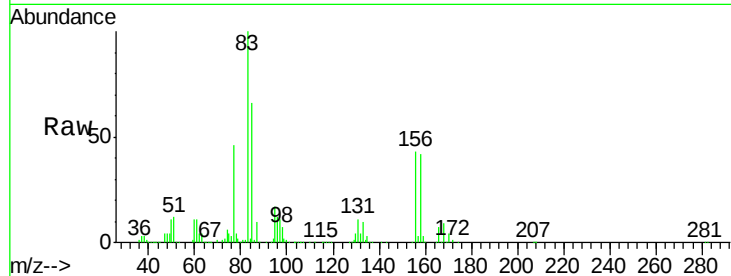
Tgt Ion: 83 Resp: 170075

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

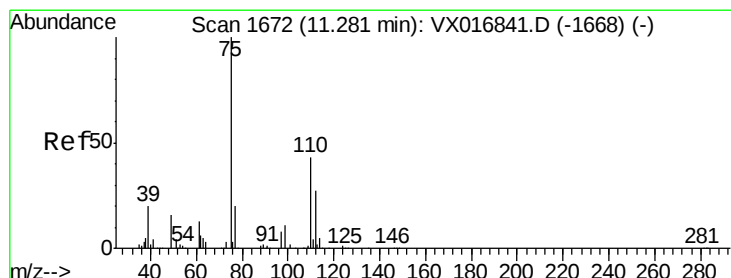
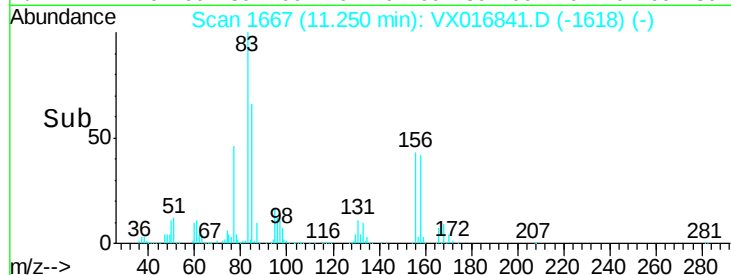
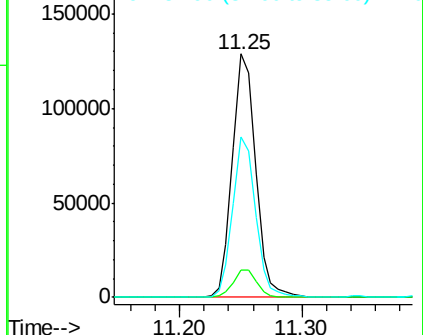
85 65.2 32.6 97.8



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: 58.549 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016841.D

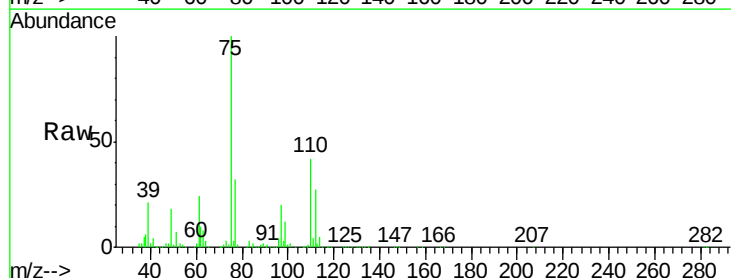
Acq: 18 Jun 2020 11:47

Tgt Ion: 75 Resp: 229773

Ion Ratio Lower Upper

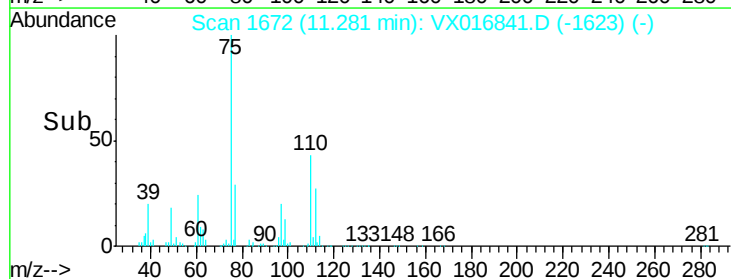
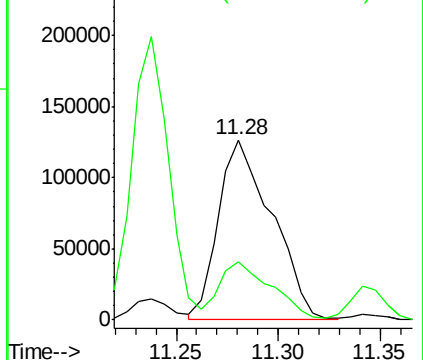
75 100

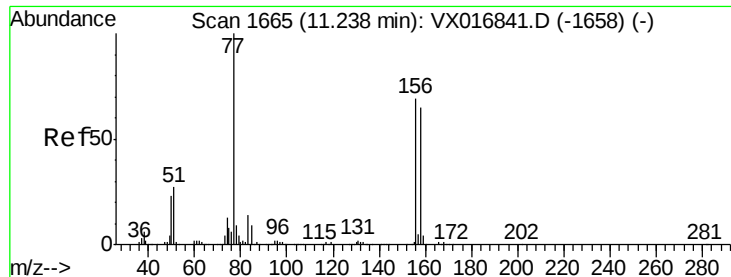
77 31.5 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.880 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

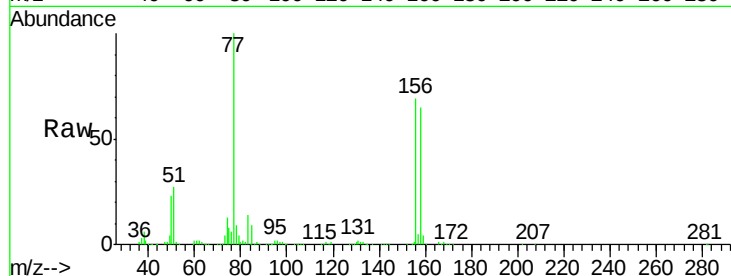
Tgt Ion:156 Resp: 171379

Ion Ratio Lower Upper

156 100

77 146.8 73.4 220.2

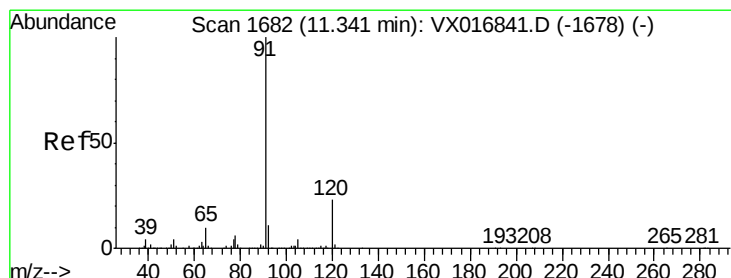
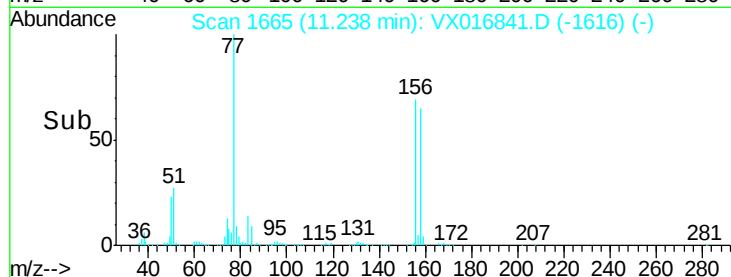
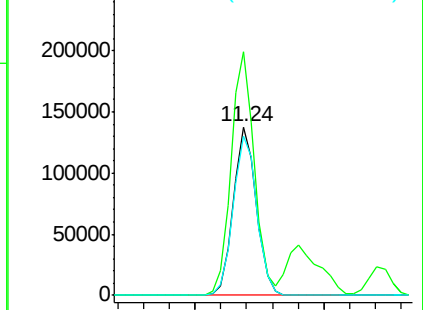
158 97.5 48.8 146.3



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: 53.575 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016841.D

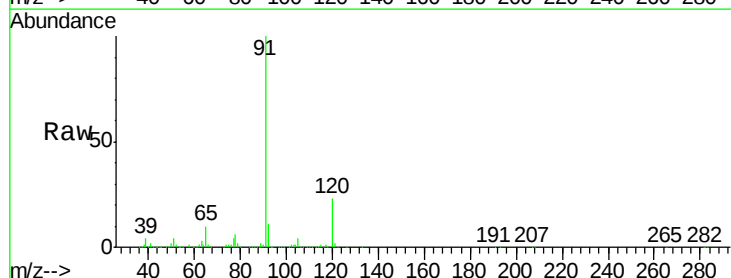
Acq: 18 Jun 2020 11:47

Tgt Ion: 91 Resp: 726076

Ion Ratio Lower Upper

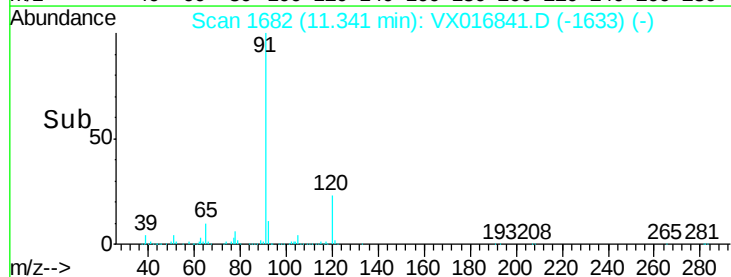
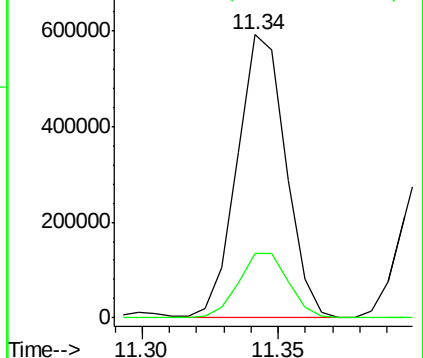
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

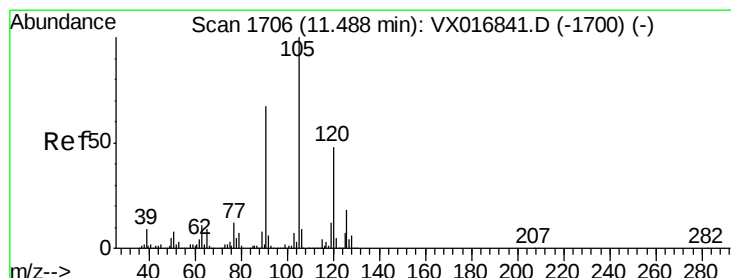
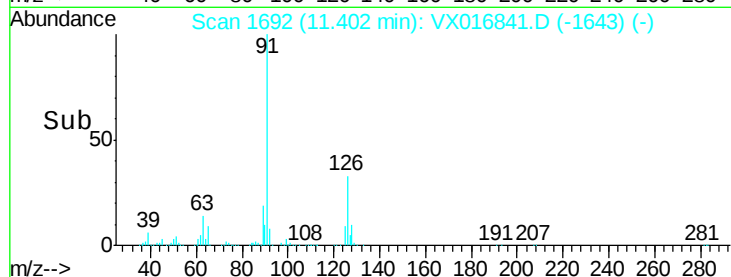
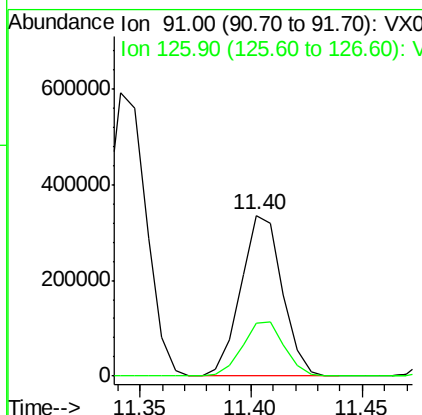
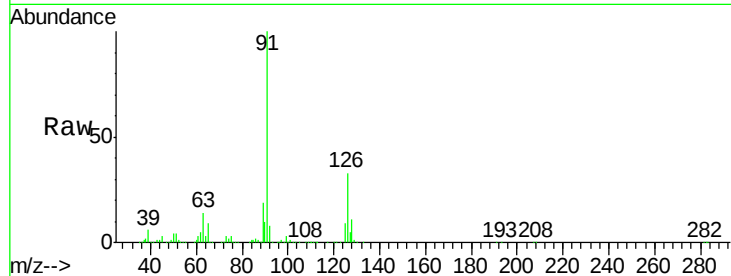




#79
 2-Chlorotoluene
 Concen: 50.912 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

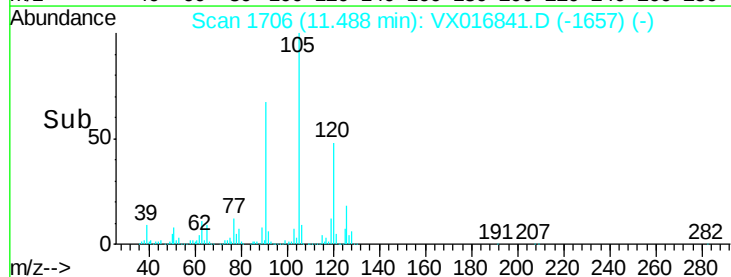
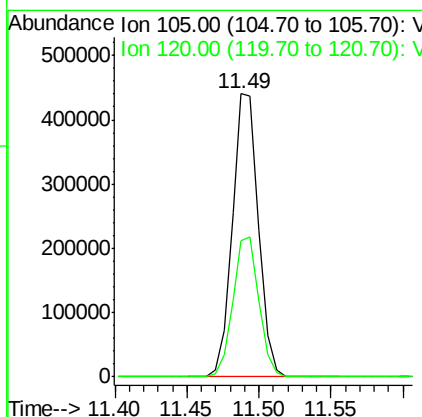
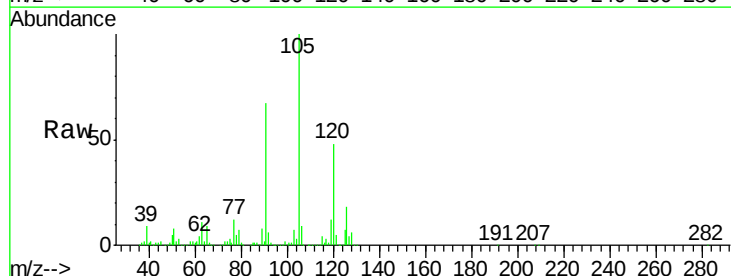
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

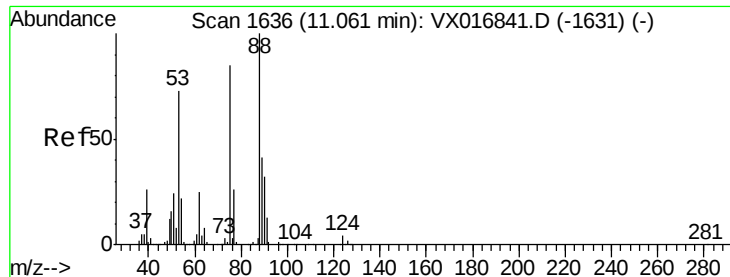
Tgt Ion: 91 Resp: 435405
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 53.253 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion: 105 Resp: 556945
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.881 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

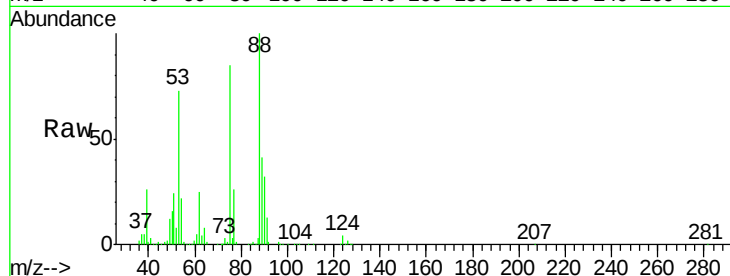
Tgt Ion: 75 Resp: 69478

Ion Ratio Lower Upper

75 100

53 87.3 69.8 104.8

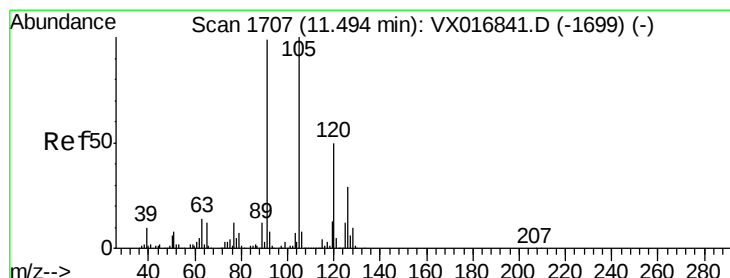
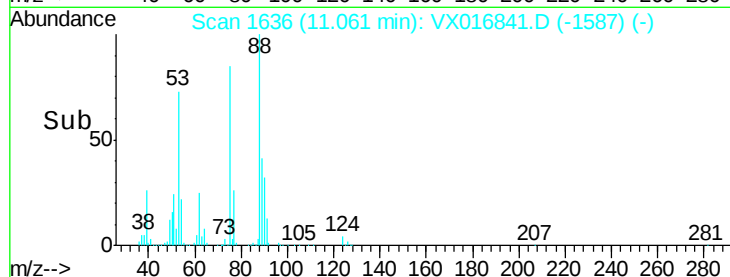
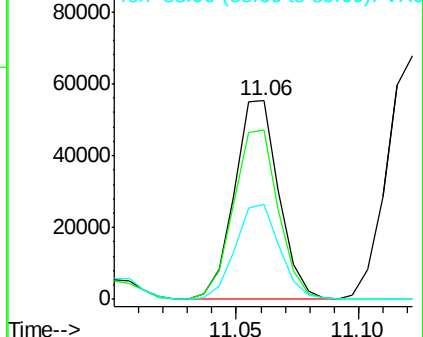
89 47.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.655 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016841.D

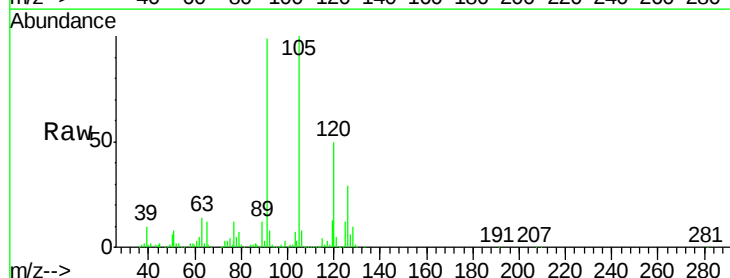
Acq: 18 Jun 2020 11:47

Tgt Ion: 91 Resp: 519373

Ion Ratio Lower Upper

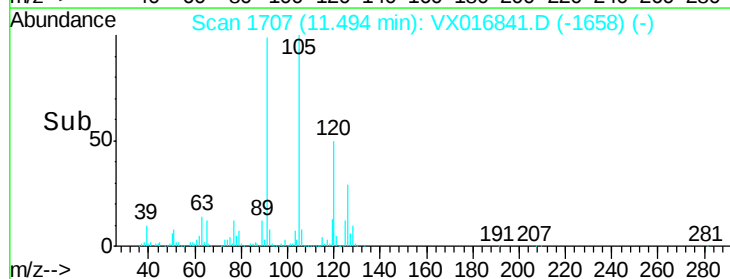
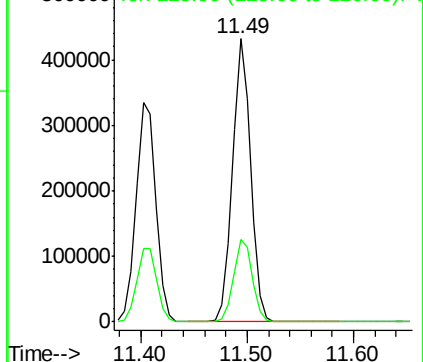
91 100

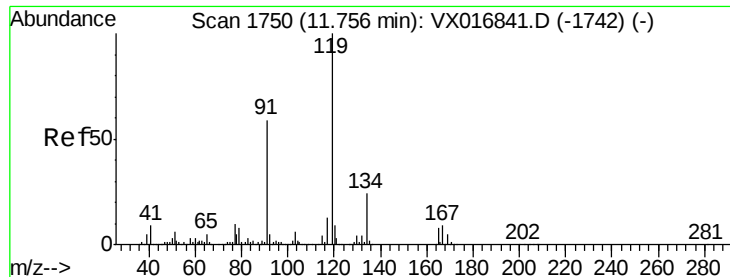
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

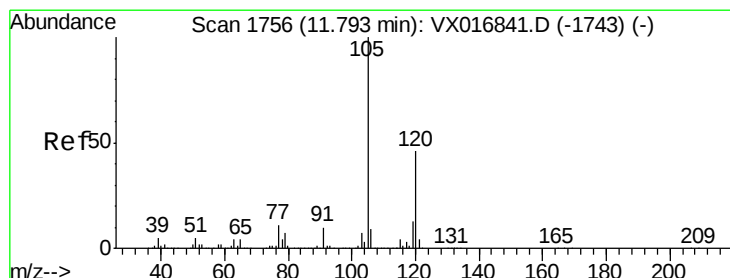
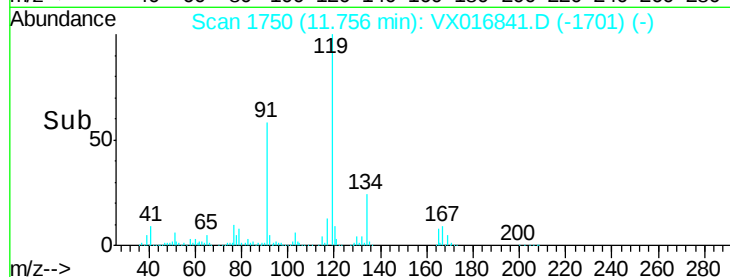
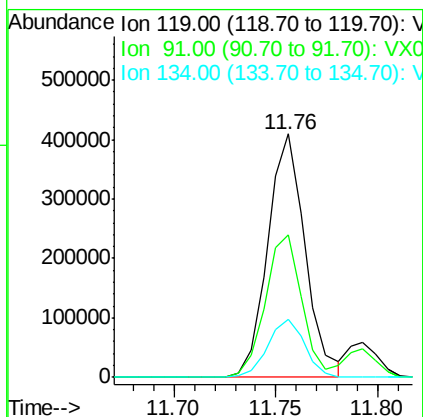
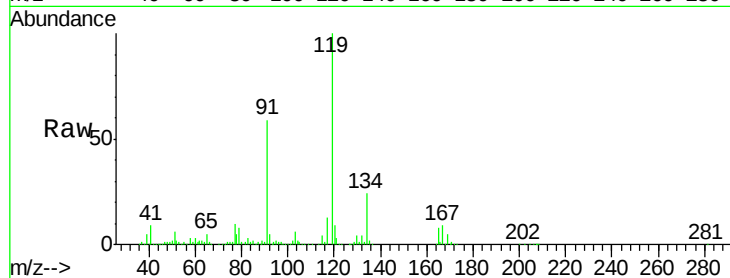




#83
 tert-Butylbenzene
 Concen: 54.286 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

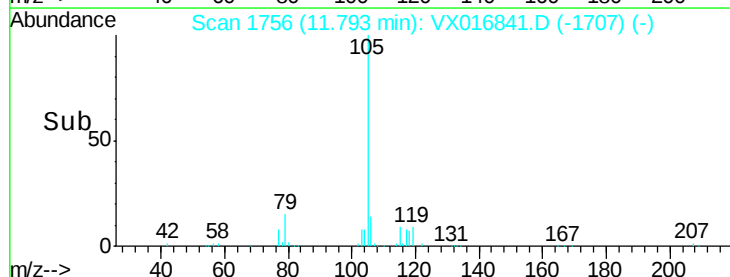
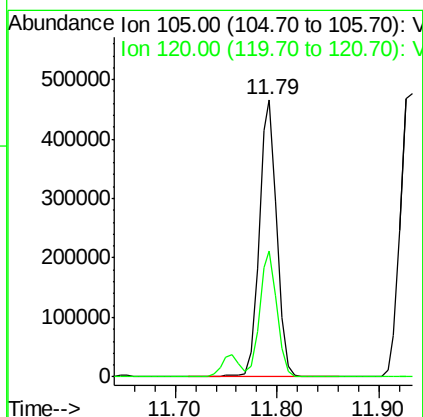
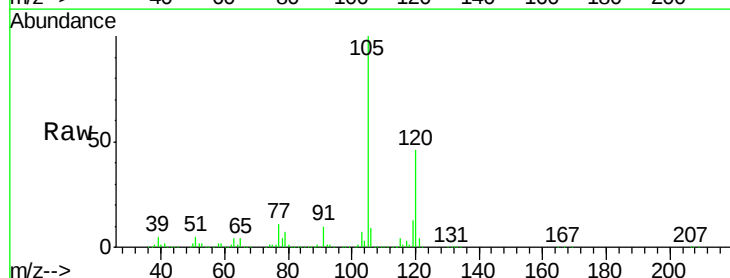
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

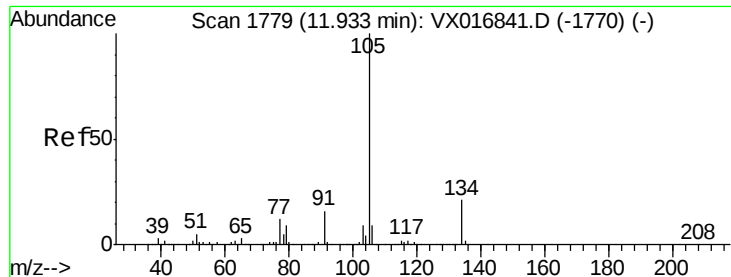
Tgt Ion:119 Resp: 522316
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.5 85.5
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.113 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion:105 Resp: 562186
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9

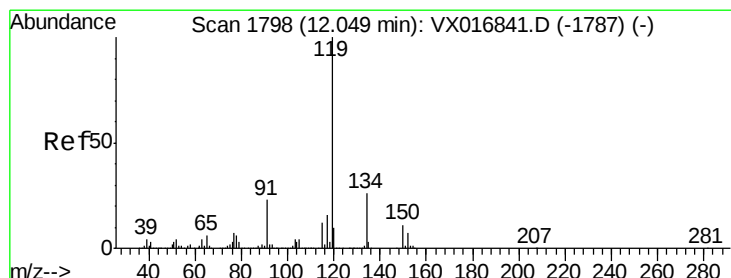
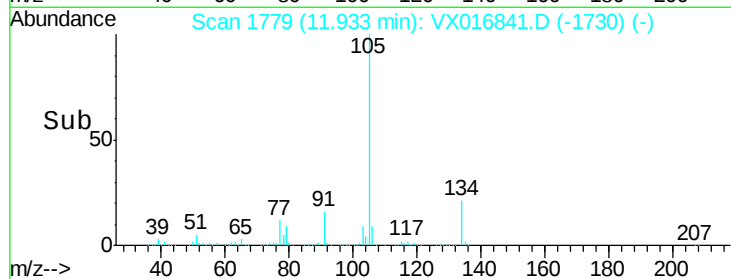
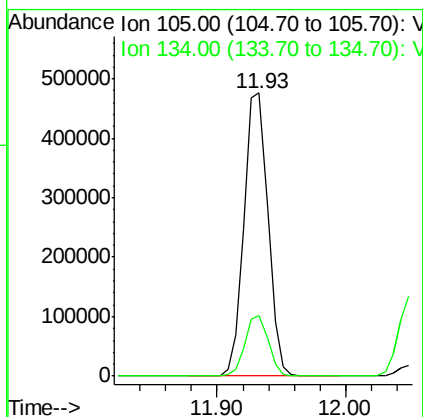
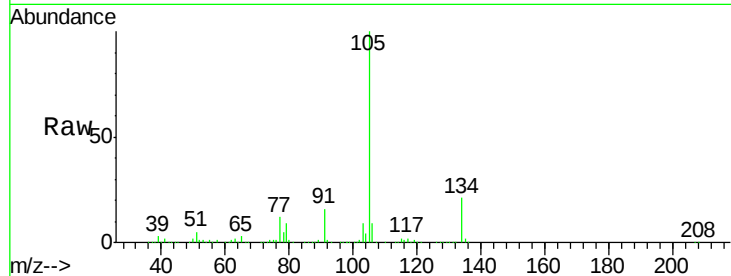




#85
 sec-Butylbenzene
 Concen: 54.328 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

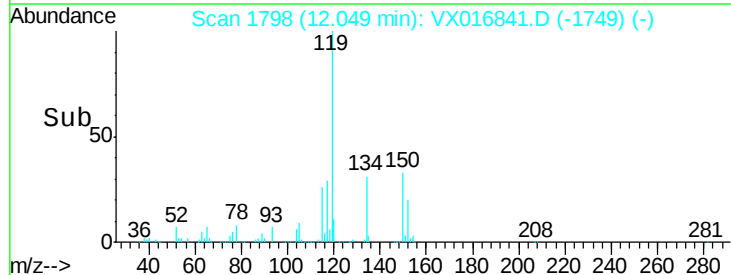
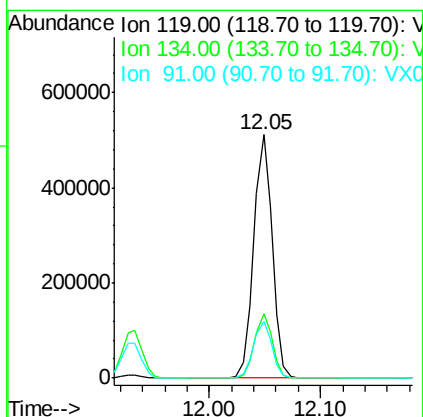
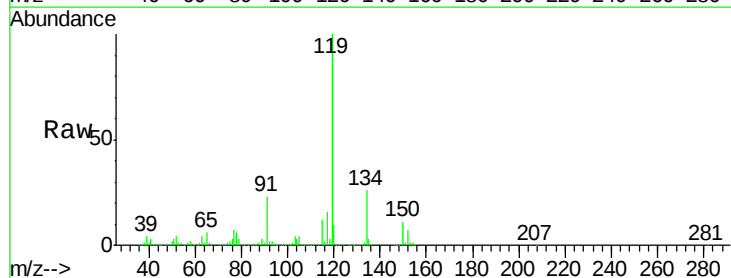
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 608719
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 54.904 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion:119 Resp: 591627
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.2 11.6 34.8

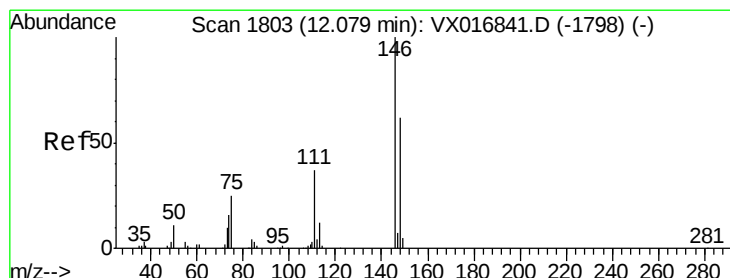
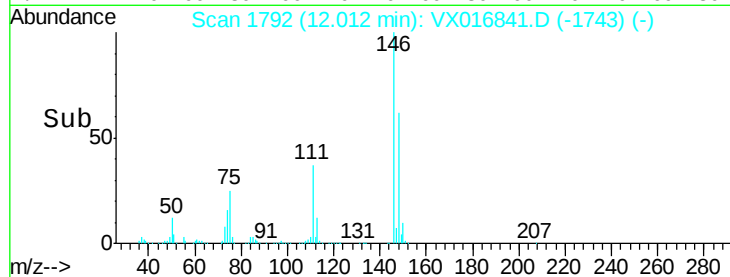
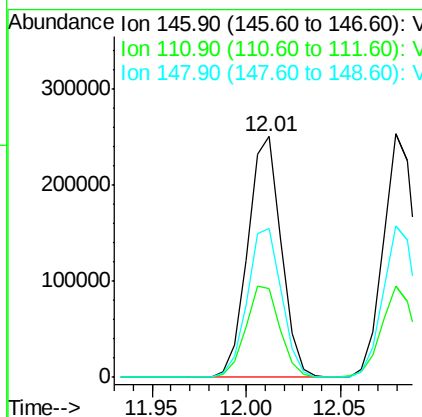
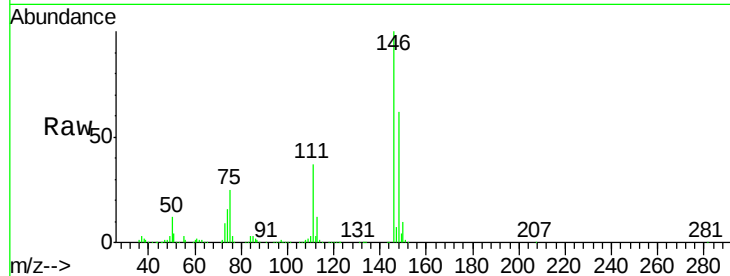




#87
 1,3-Dichlorobenzene
 Concen: 51.578 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

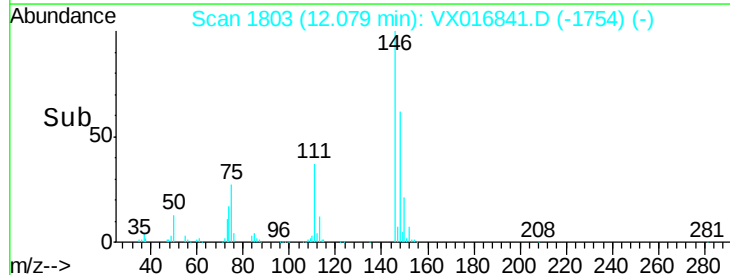
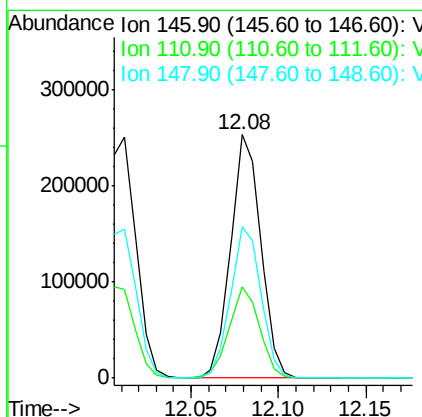
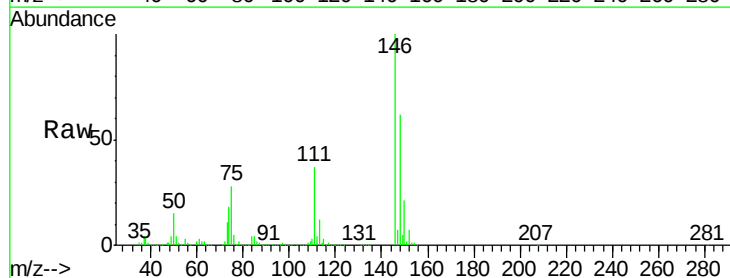
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

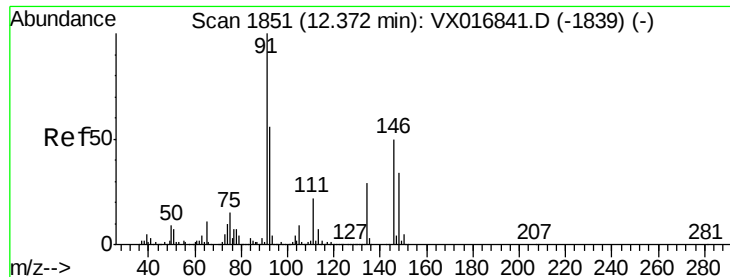
Tgt Ion:146 Resp: 307839
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.266 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion:146 Resp: 303461
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.3 31.6 95.0

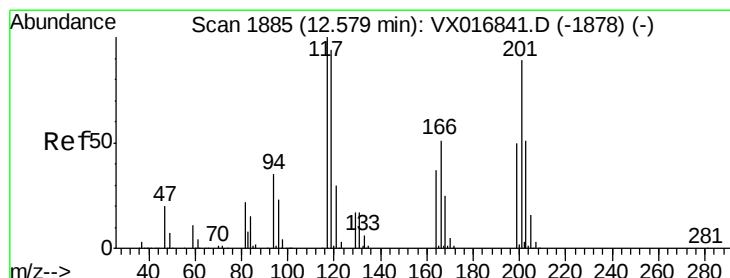
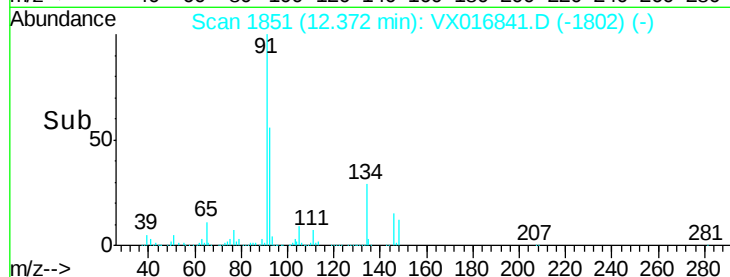
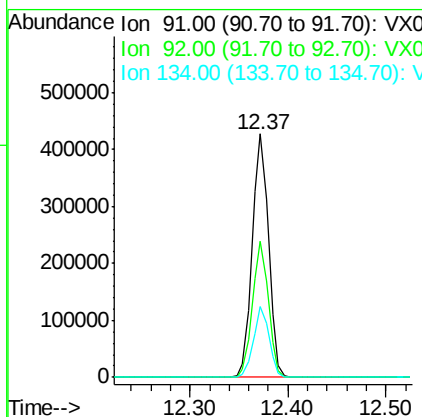
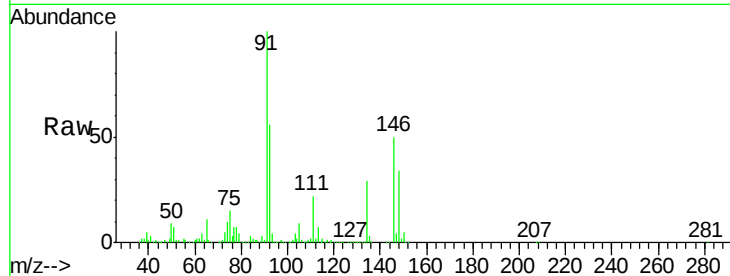




#89
n-Butylbenzene
Concen: 55.286 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

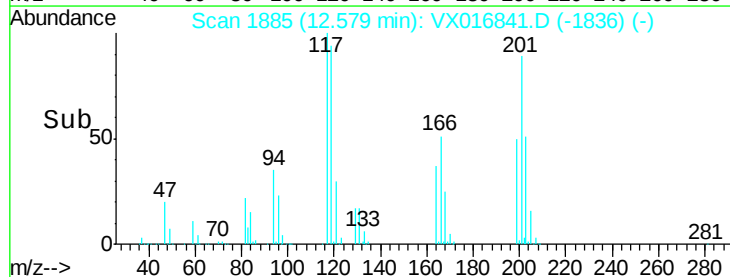
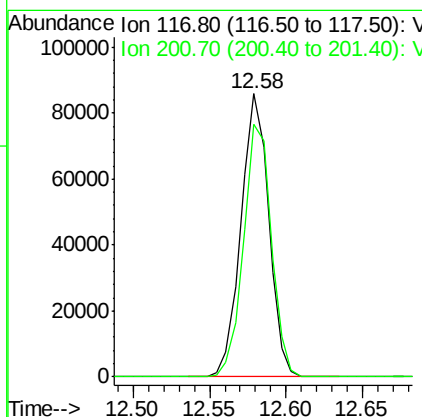
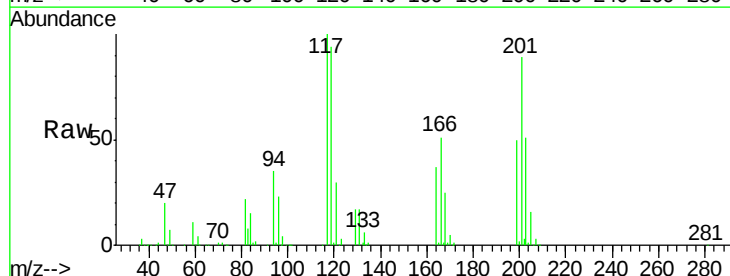
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

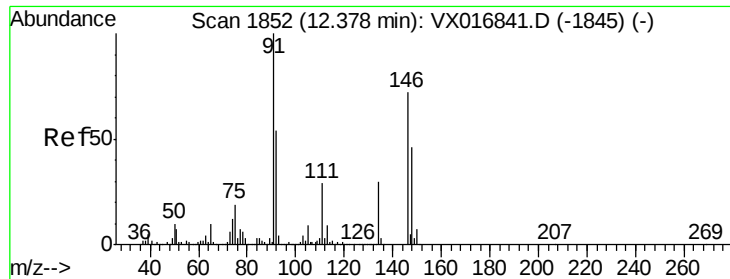
Tgt Ion: 91 Resp: 493591
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.7 13.9 41.6



#90
Hexachloroethane
Concen: 53.952 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion: 117 Resp: 107997
Ion Ratio Lower Upper
117 100
201 89.7 44.9 134.5

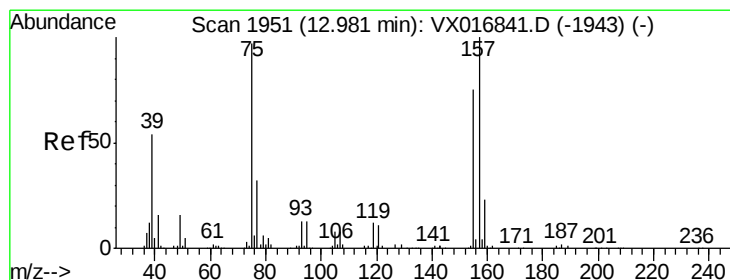
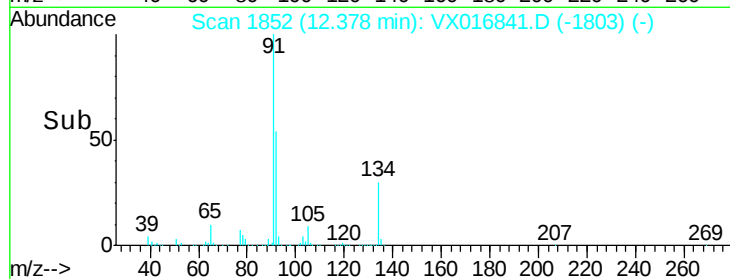
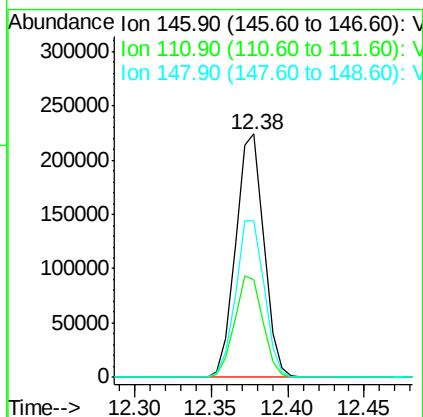
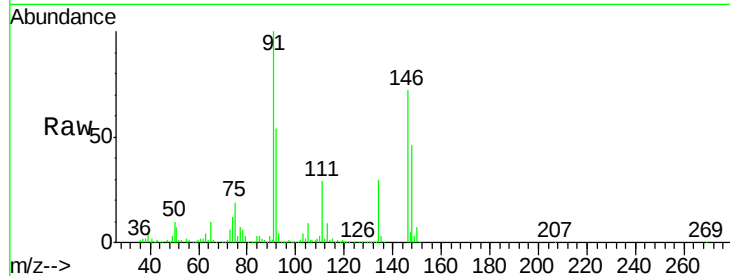




#91
 1,2-Dichlorobenzene
 Concen: 48.186 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

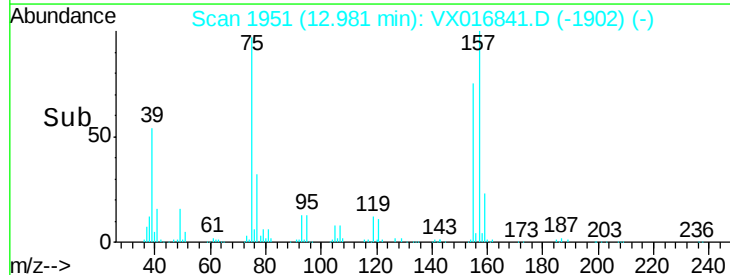
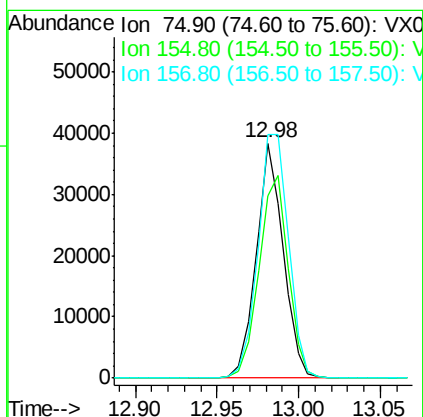
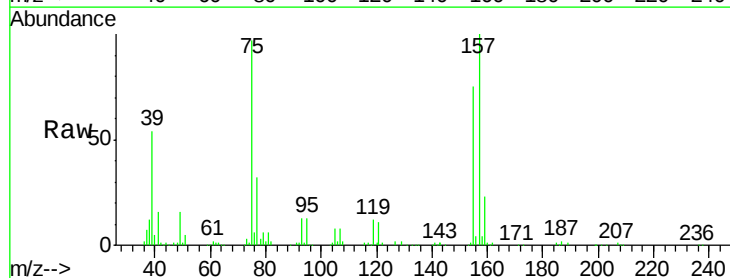
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

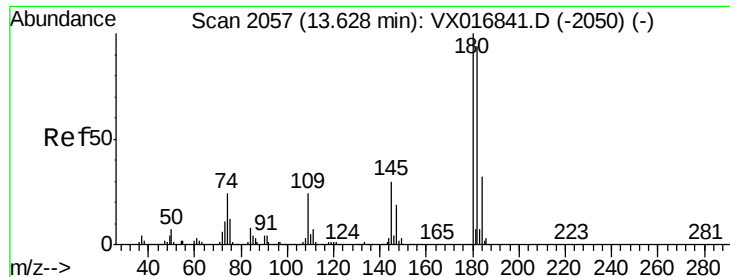
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	65.7	32.9	98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.263 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	46.4	139.1
157	117.2	58.6	175.8

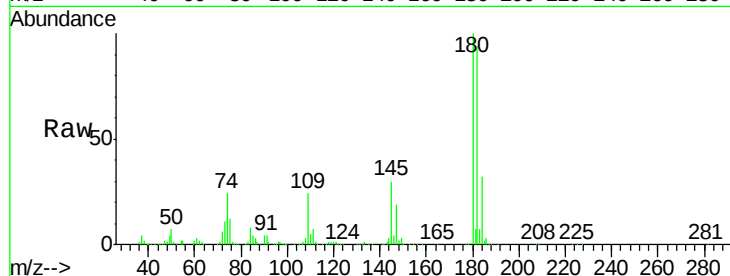




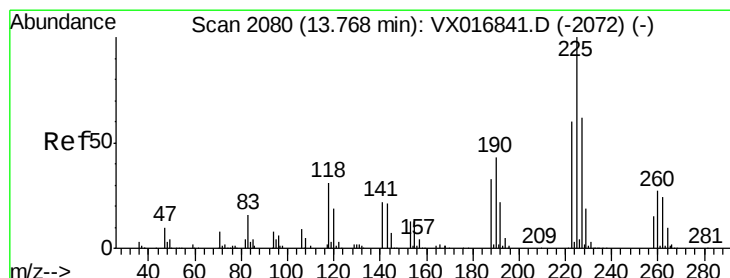
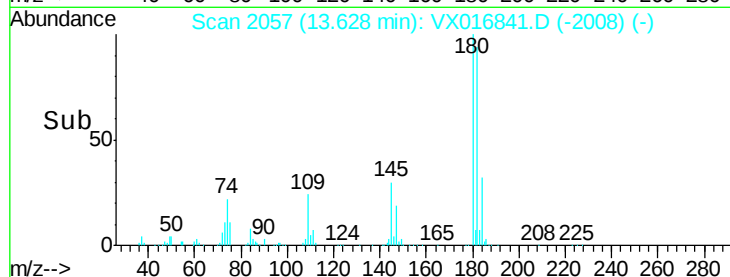
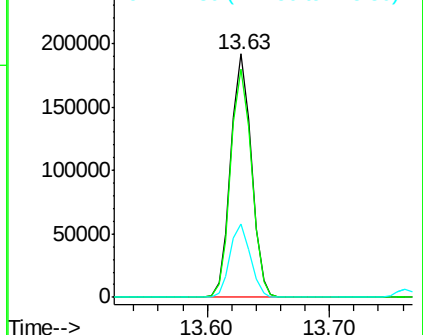
#93
 1,2,4-Trichlorobenzene
 Concen: 52.452 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 221602
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 30.1 15.0 45.1

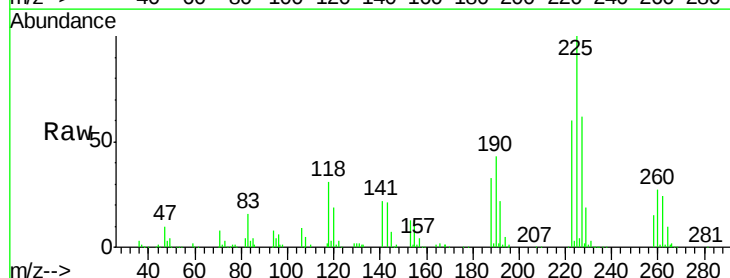


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

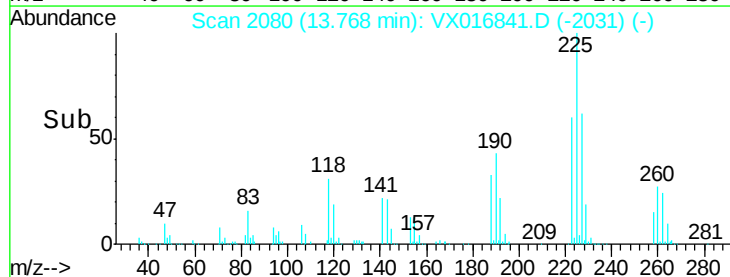
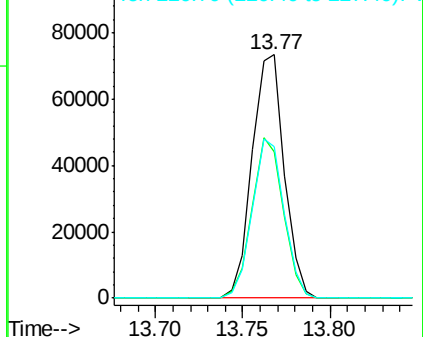


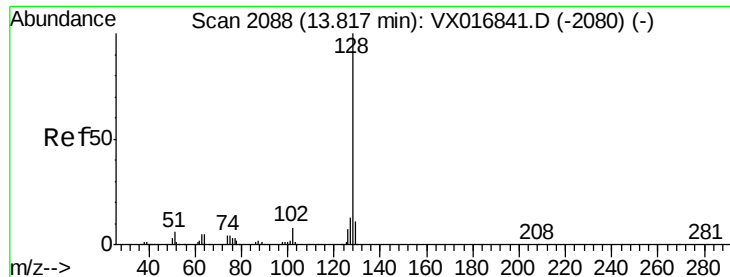
#94
 Hexachlorobutadiene
 Concen: 49.639 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion:225 Resp: 93726
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.1 96.5
 227 64.5 32.3 96.8



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

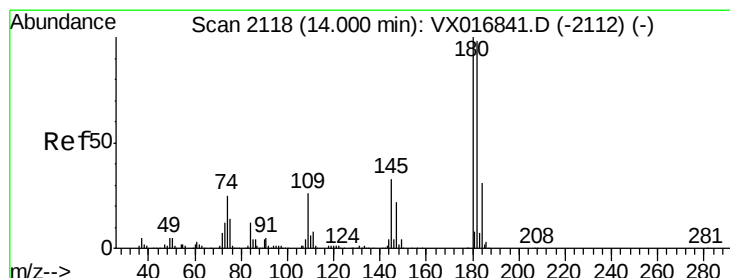
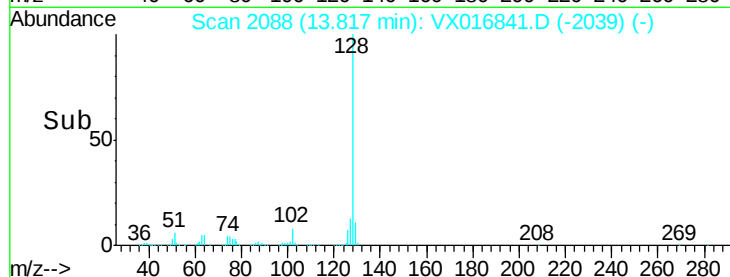
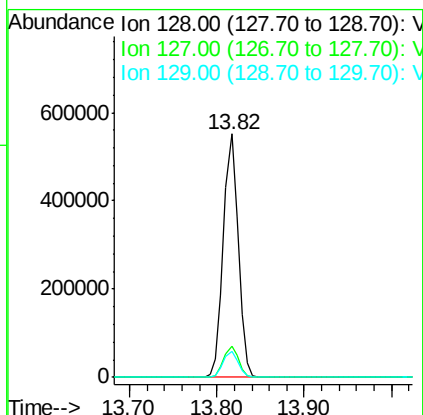
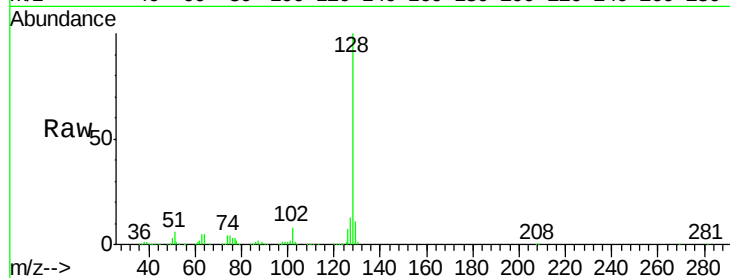




#95
Naphthalene
Concen: 49.900 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 645640
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.998 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion:180 Resp: 235149
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 32.0 16.0 48.0

