

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016893.D
 Acq On : 19 Jun 2020 20:24
 Operator : JC/SP
 Sample : L3054-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 218

Quant Time: Jun 22 01:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	234344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229473	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	136144	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	5.46	113	119625	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	8.70	98	459200	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	222870	60.56	ug/l	0.00
Spiked Amount			Recovery	=	121.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1102	0.378	ug/l	89
8) Diethyl Ether	2.17	74	1793	1.003	ug/l #	4
11) Tert butyl alcohol	3.00	59	33753	70.842	ug/l	100
13) Acrolein	2.25	56	578	2.001	ug/l #	1
14) Allyl chloride	2.57	41	119873	36.188	ug/l #	63
15) Acrylonitrile	3.11	53	298	0.273	ug/l #	64
16) Acetone	2.42	43	6806765	6652.889	ug/l	97
17) Carbon Disulfide	2.55	76	69314	10.710	ug/l	99
18) Methyl Acetate	2.57	43	318647	122.477	ug/l #	48
19) Methyl tert-butyl Ether	3.17	73	28444	3.986	ug/l	97
20) Methylene Chloride	2.84	84	35266	14.373	ug/l	98
22) Diisopropyl ether	3.83	45	3814	0.601	ug/l #	65
25) 2-Butanone	4.64	43	318979	226.533	ug/l	98
29) Tetrahydrofuran	5.09	42	2670	3.011	ug/l #	79
36) 1,1-Dichloropropene	5.64	75	15226	4.394	ug/l #	48
37) Ethyl Acetate	4.64	43	318979	104.179	ug/l #	65
38) Carbon Tetrachloride	5.63	117	21499	5.529	ug/l #	16
40) Benzene	6.12	78	65471	6.296	ug/l	99
41) Methacrylonitrile	5.09	41	7903	4.754	ug/l #	40
43) Isopropyl Acetate	6.40	43	1095	0.205	ug/l #	39
48) Methyl methacrylate	7.88	41	1203	0.478	ug/l #	12
51) 4-Methyl-2-Pentanone	8.62	43	133185	41.414	ug/l	100
52) Toluene	8.76	92	123930	17.966	ug/l	99
56) Ethyl methacrylate	9.08	69	779168	206.660	ug/l #	84
59) 2-Hexanone	9.48	43	16903	7.258	ug/l	99
60) Dibromochloromethane	9.32	129	839	0.269	ug/l #	11
64) Tetrachloroethene	9.32	164	863	0.249	ug/l	93
67) Ethyl Benzene	10.24	91	22183	1.737	ug/l	100
68) m/p-Xylenes	10.34	106	27044	5.441	ug/l	95
69) o-Xylene	10.68	106	17588	3.827	ug/l	97
74) N-amyl acetate	10.90	43	3605	0.699	ug/l #	59
76) 1,2,3-Trichloropropane	11.12	75	107313	25.606	ug/l #	37
78) n-propylbenzene	11.34	91	6606	0.401	ug/l	97
79) 2-Chlorotoluene	11.41	91	2757	0.273	ug/l #	44

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

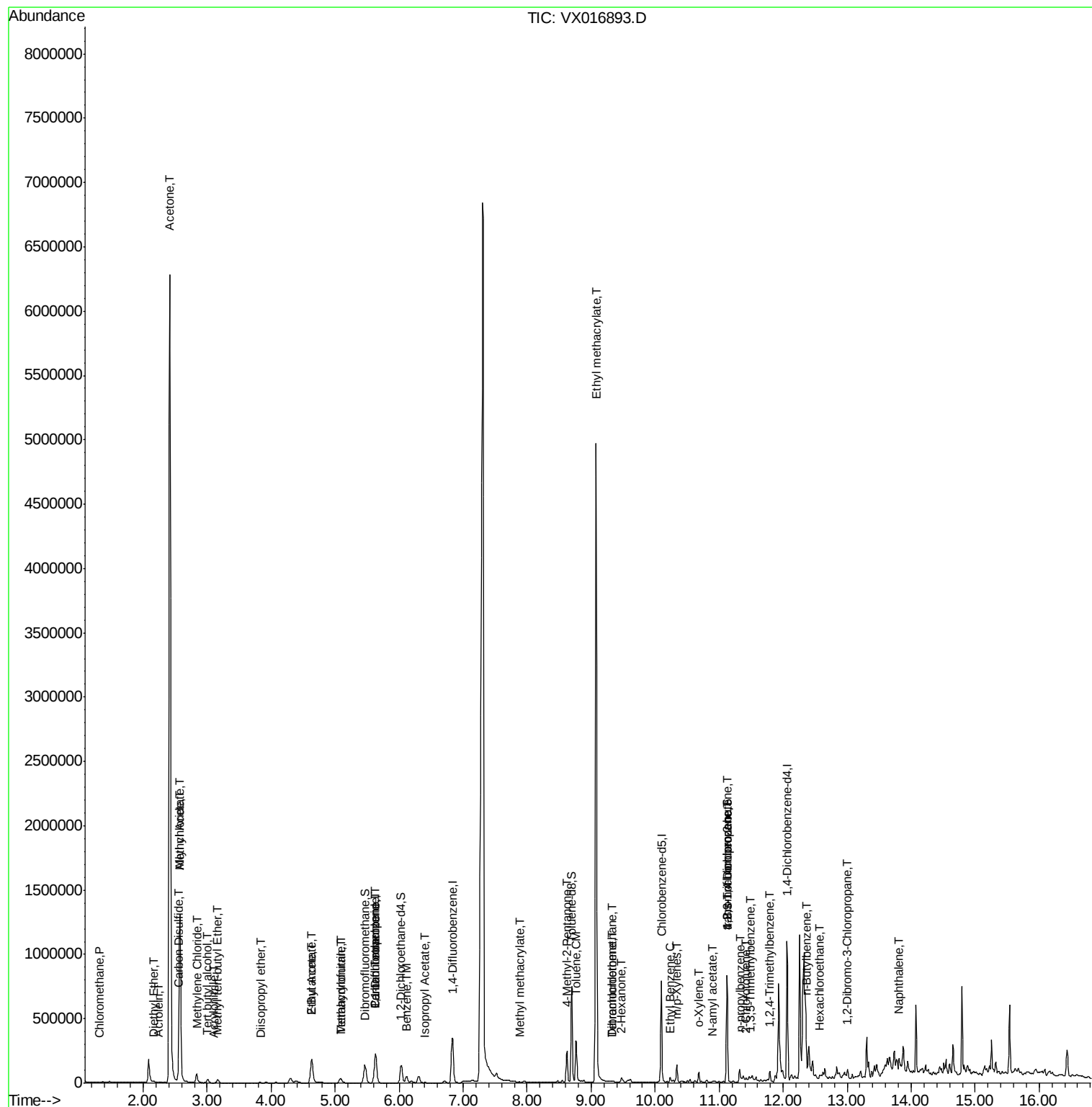
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	7147	0.561	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.12	75	107313	62.705	ug/l #	14
84) 1,2,4-Trimethylbenzene	11.79	105	30203	2.300	ug/l	99
89) n-Butylbenzene	12.37	91	7998	0.695	ug/l #	41
90) Hexachloroethane	12.57	117	1501	0.621	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.00	75	306	0.309	ug/l #	34
95) Naphthalene	13.82	128	40972	2.924	ug/l #	95

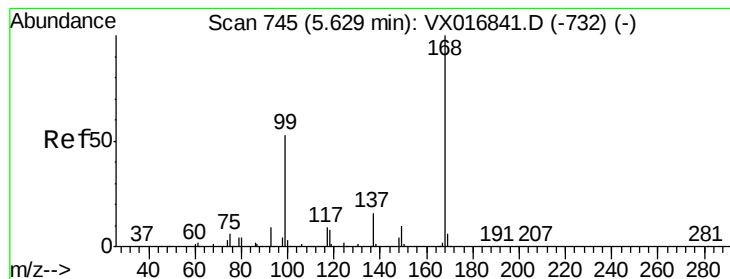
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

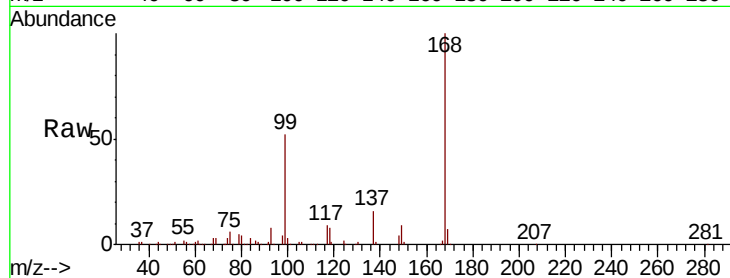
218

Tot Ion:168 Resp: 234344

Ion Ratio Lower Upper

168 100

99 51.6 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

80000

60000

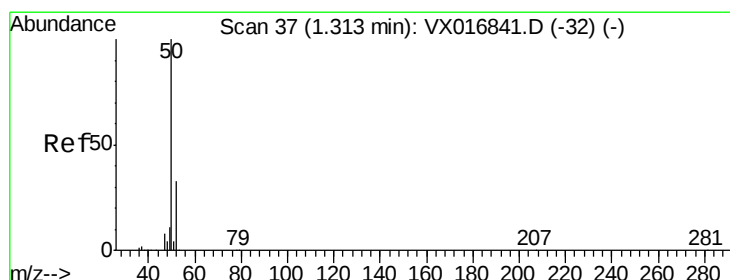
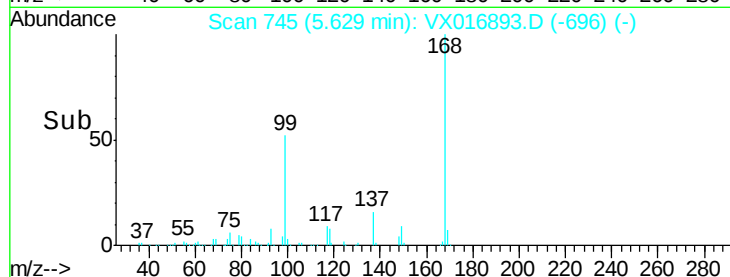
40000

20000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 0.378 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016893.D

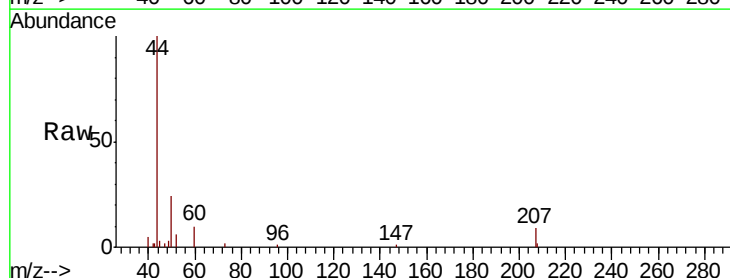
Acq: 19 Jun 2020 20:24

Tgt Ion: 50 Resp: 1102

Ion Ratio Lower Upper

50 100

52 26.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1200

1000

800

600

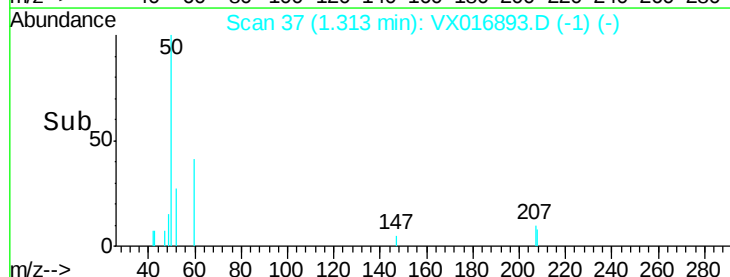
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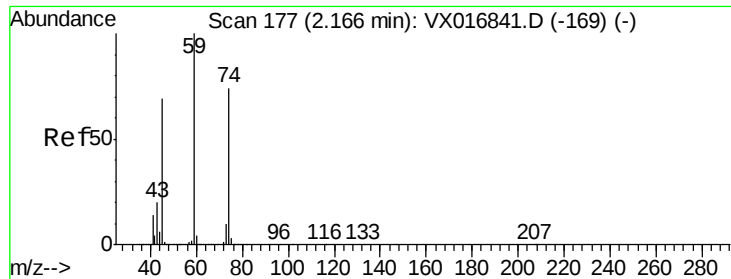
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0

Time-->

1.30 1.35

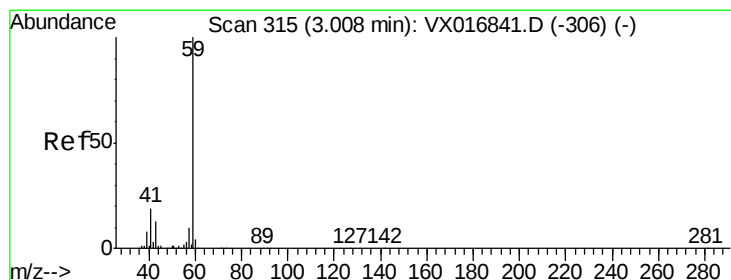
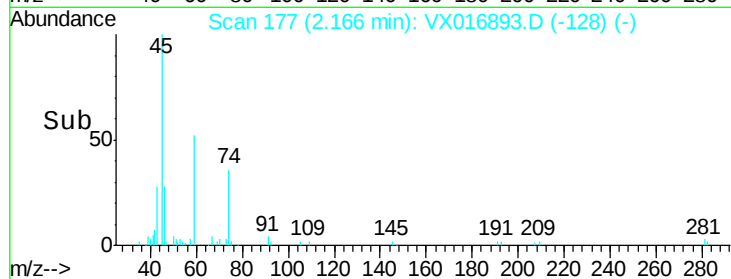
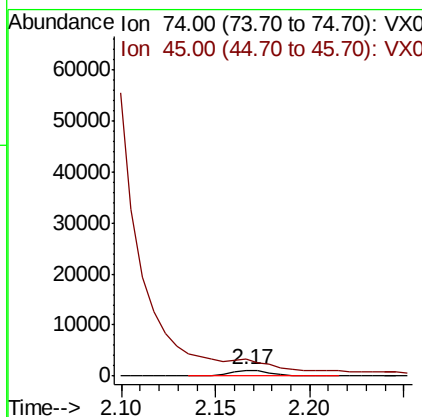
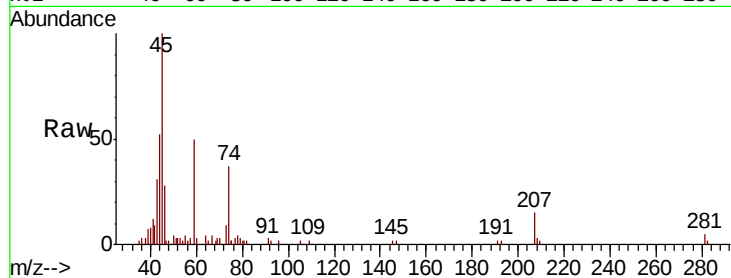




#8
Diethyl Ether
Concen: 1.003 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

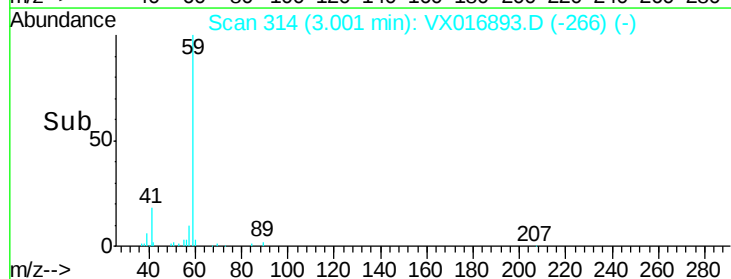
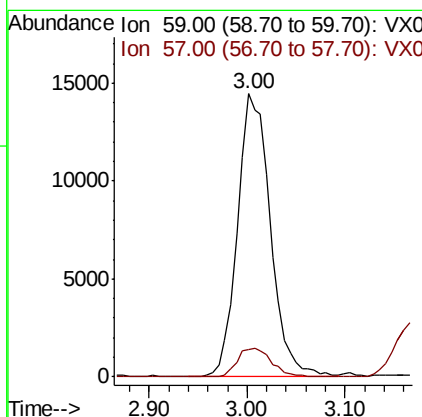
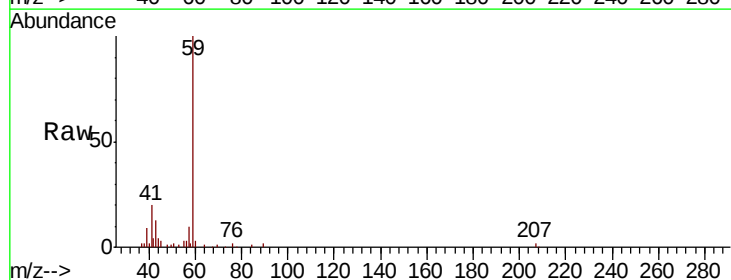
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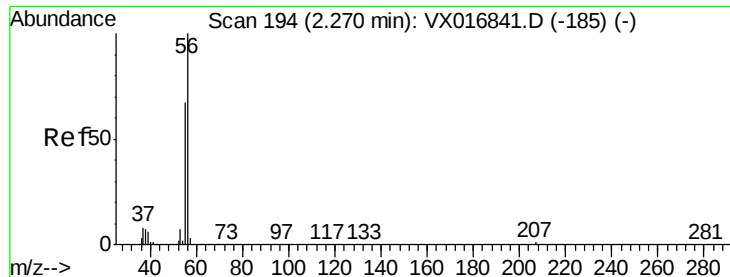
Tot Ion: 74 Resp: 1793
Ion Ratio Lower Upper
74 100
45 0.0 45.3 135.8#



#11
Tert butyl alcohol
Concen: 70.842 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 59 Resp: 33753
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6





#13

Acrolein

Concen: 2.001 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

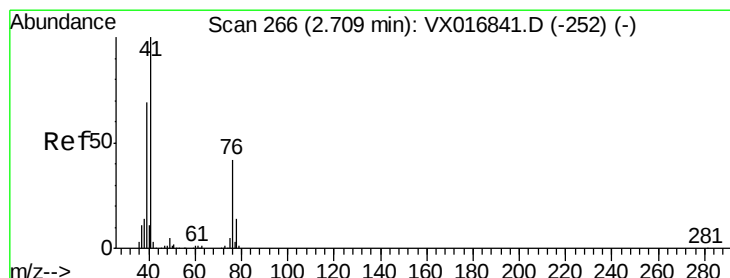
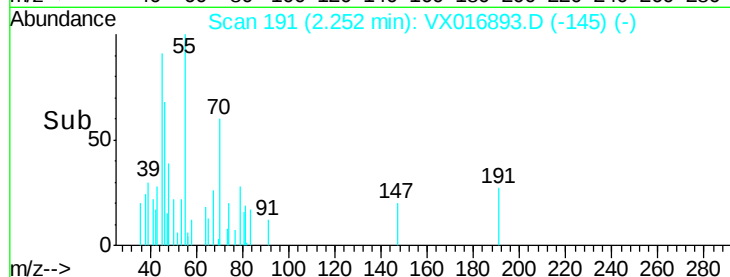
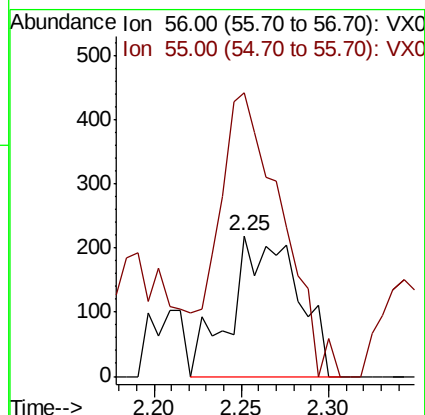
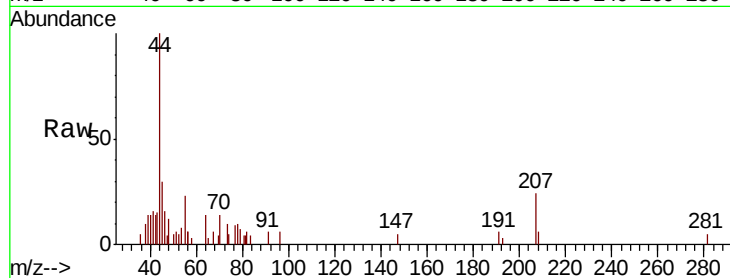
218

Tot Ion: 56 Resp: 578

Ion Ratio Lower Upper

56 100

55 191.2 55.7 83.5#



#14

Allyl chloride

Concen: 36.188 ug/l

RT: 2.57 min Scan# 244

Delta R.T. -0.13 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

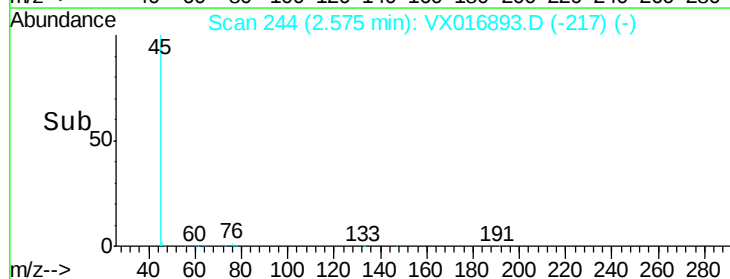
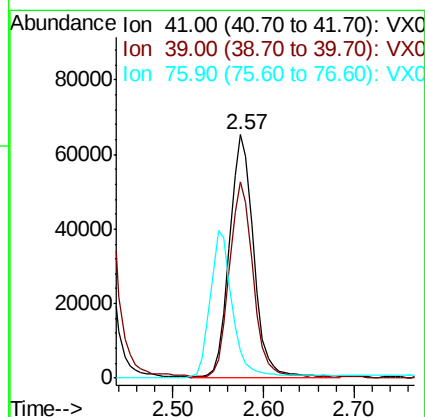
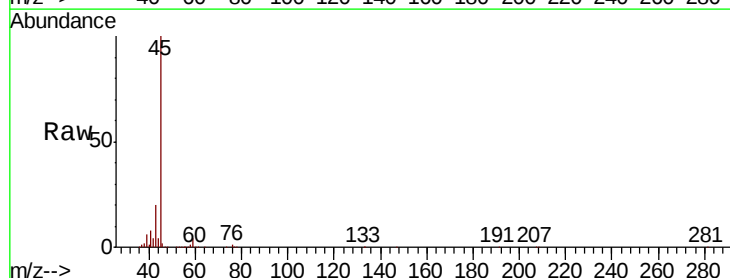
Tgt Ion: 41 Resp: 119873

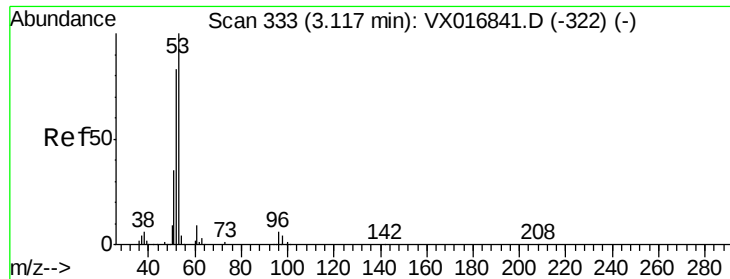
Ion Ratio Lower Upper

41 100

39 80.2 50.7 76.1#

76 0.0 30.9 46.3#

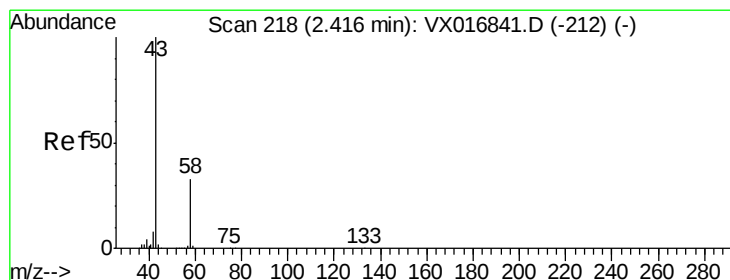
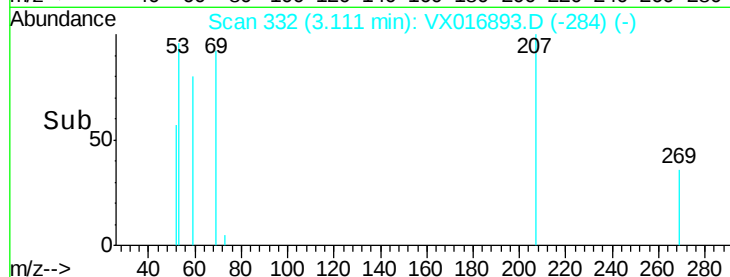
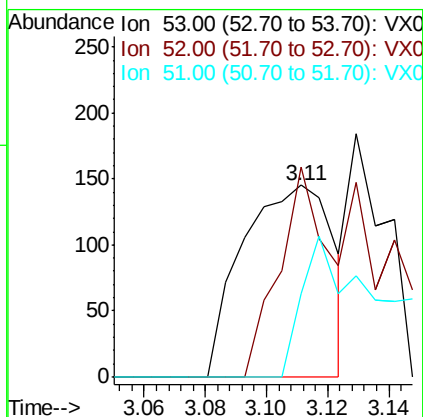
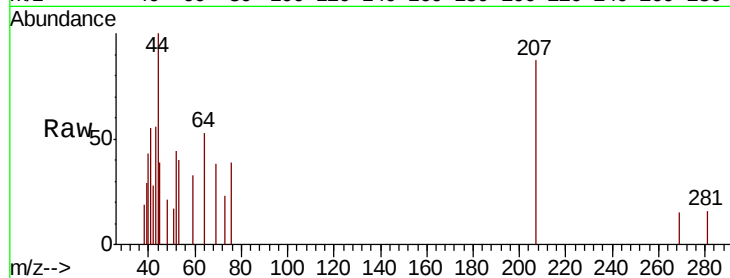




#15
 Acrylonitrile
 Concen: 0.273 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016893.D
 Acq: 19 Jun 2020 20:24

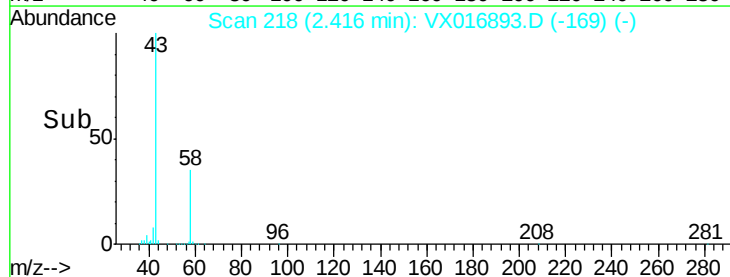
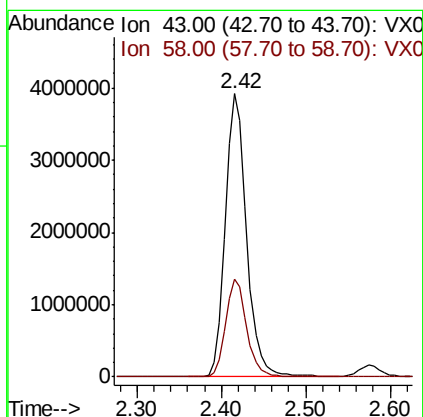
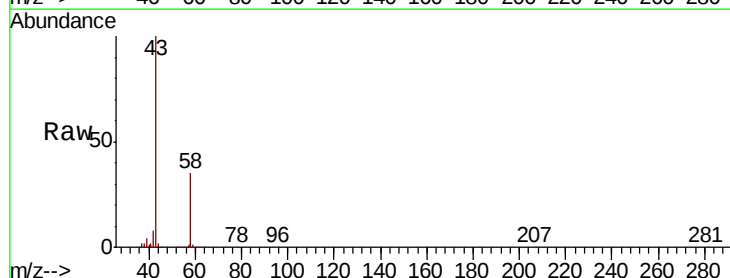
Instrument :
 MSVOA_X
 ClientSampled :
 218

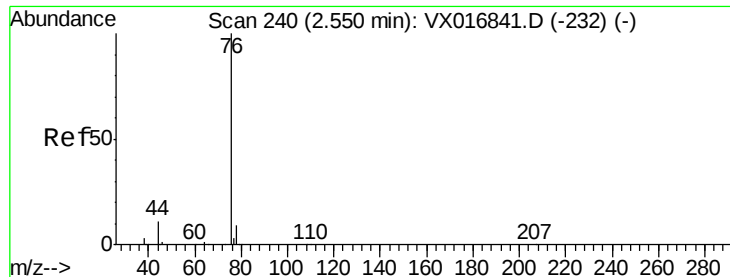
Tot Ion: 53 Resp: 298
 Ion Ratio Lower Upper
 53 100
 52 59.7 66.2 99.2#
 51 0.0 28.7 43.1#



#16
 Acetone
 Concen: 6652.889 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016893.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 6806765
 Ion Ratio Lower Upper
 43 100
 58 34.7 26.6 39.8

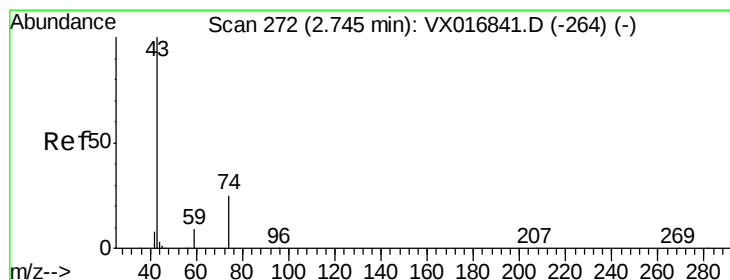
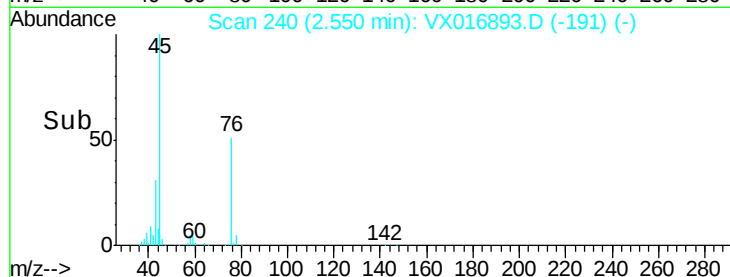
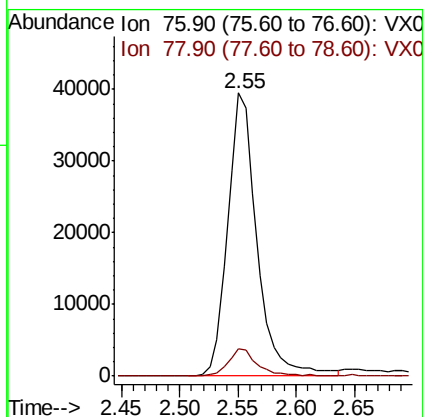
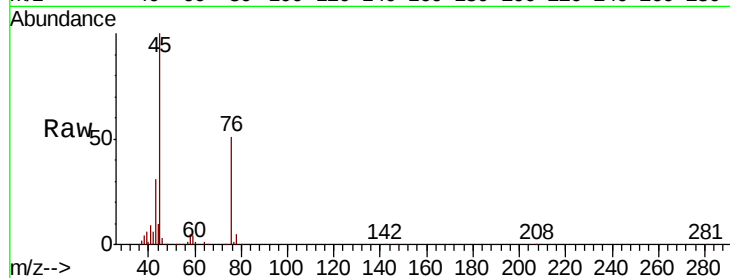




#17
Carbon Disulfide
Concen: 10.710 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

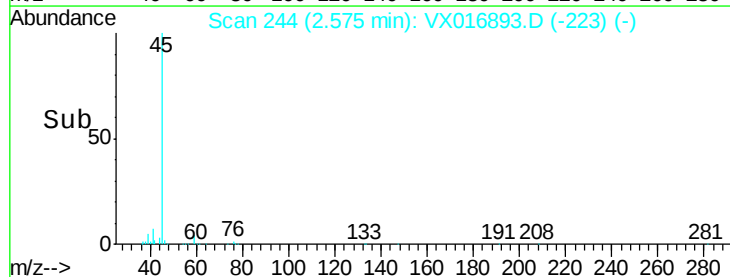
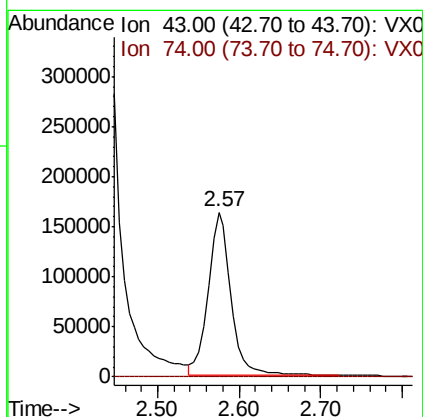
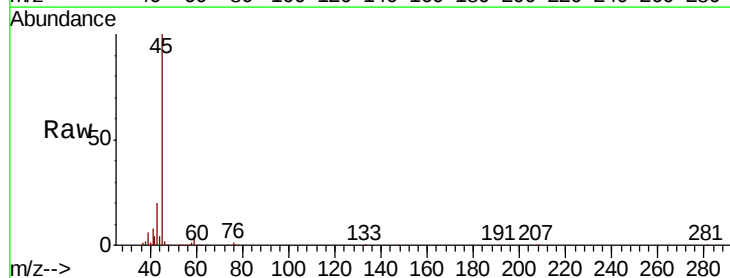
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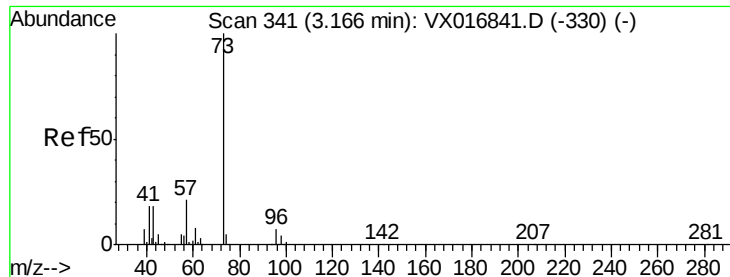
Tot Ion: 76 Resp: 69314
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 122.477 ug/l
RT: 2.57 min Scan# 244
Delta R.T. -0.17 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 318647
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.8#

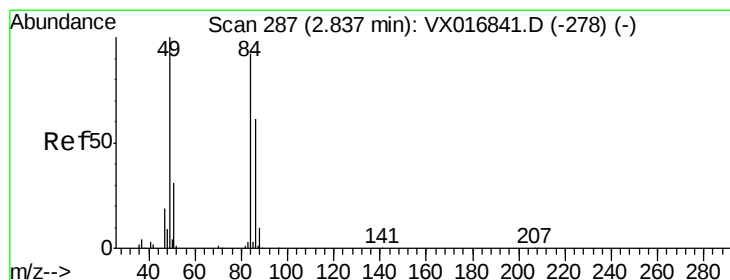
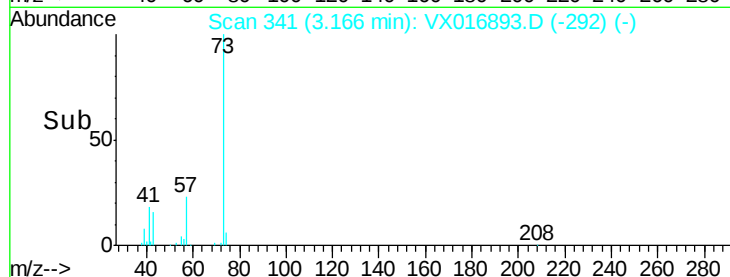
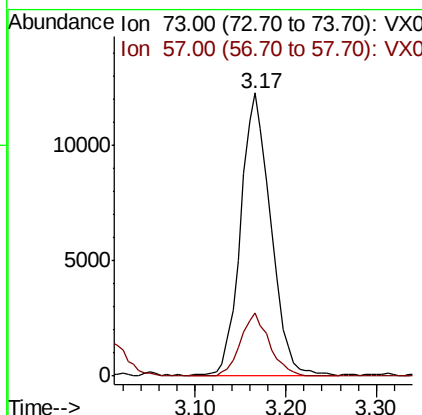
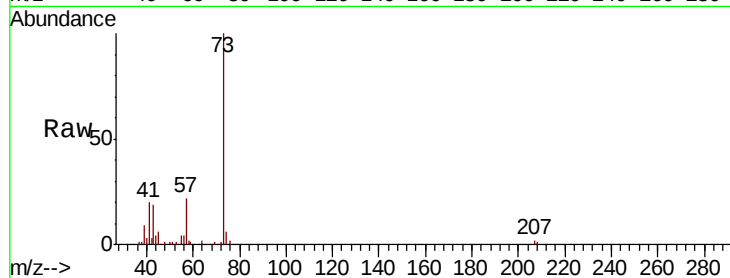




#19
Methyl tert-butyl Ether
Concen: 3.986 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

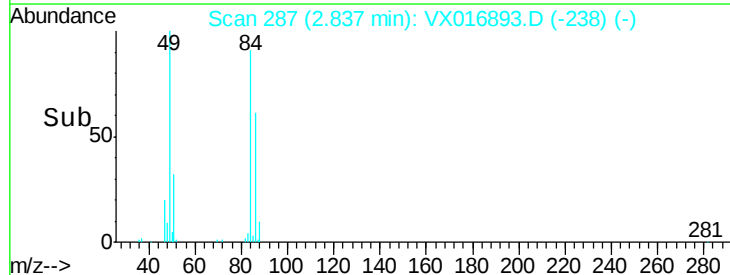
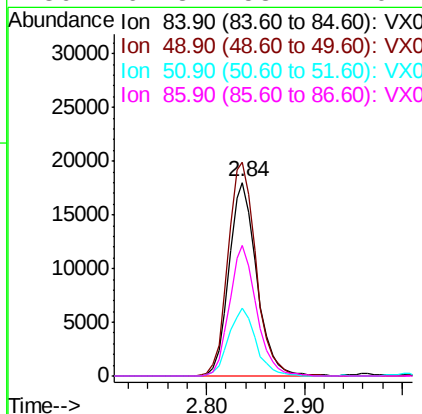
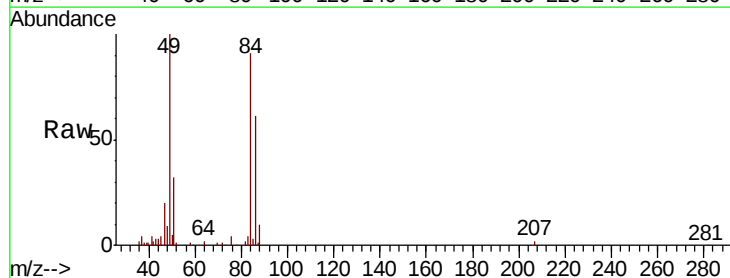
Instrument :
MSVOA_X
ClientSampled :
218

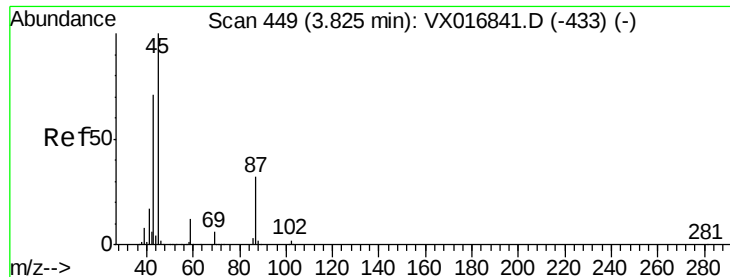
Tot Ion: 73 Resp: 28444
Ion Ratio Lower Upper
73 100
57 22.4 16.9 25.3



#20
Methylene Chloride
Concen: 14.373 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 84 Resp: 35266
Ion Ratio Lower Upper
84 100
49 110.4 86.6 129.8
51 35.0 27.1 40.7
86 67.3 53.1 79.7





#22

Diisopropyl ether

Concen: 0.601 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 45 Resp: 3814

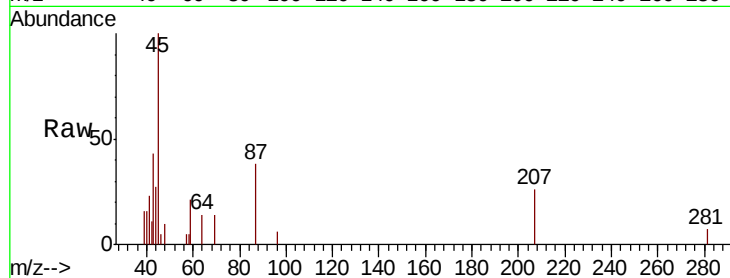
Ion Ratio Lower Upper

45 100

43 31.9 57.0 85.4#

87 37.5 25.2 37.8

59 21.1 9.9 14.9#

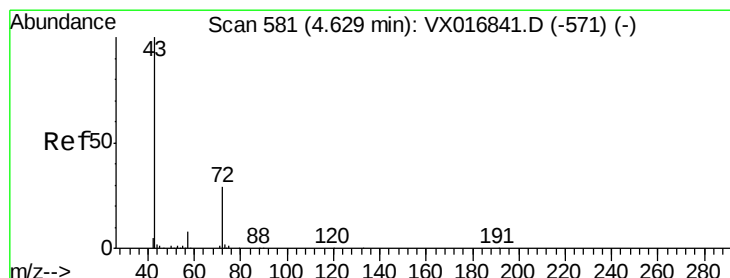
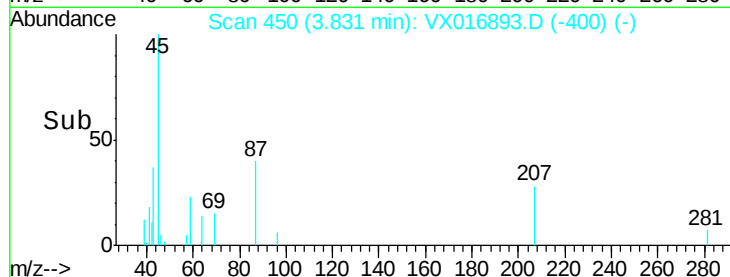
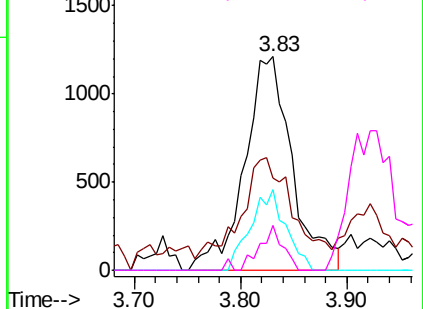


Abundance Ion 45.00 (44.70 to 45.70): VX0

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



#25

2-Butanone

Concen: 226.533 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016893.D

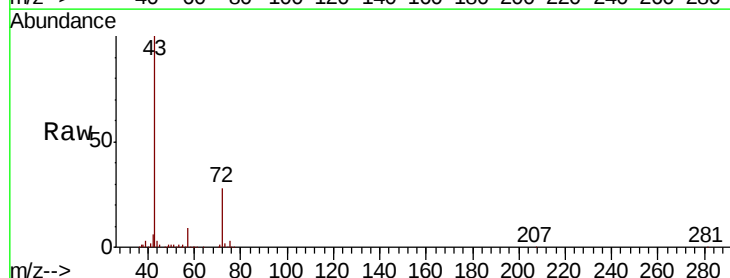
Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 318979

Ion Ratio Lower Upper

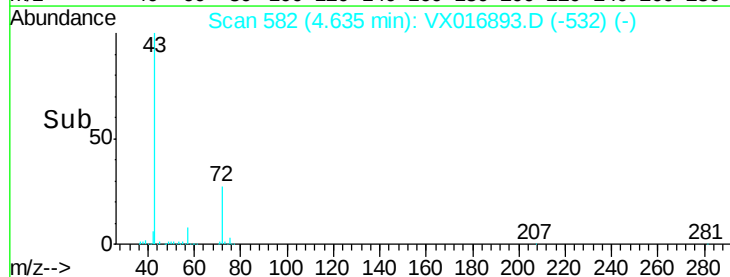
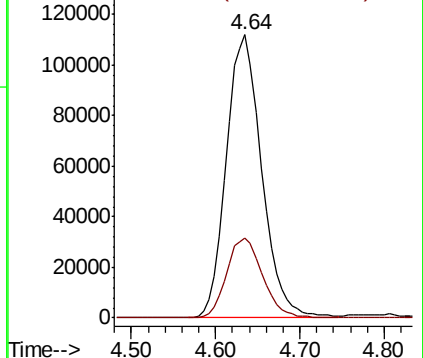
43 100

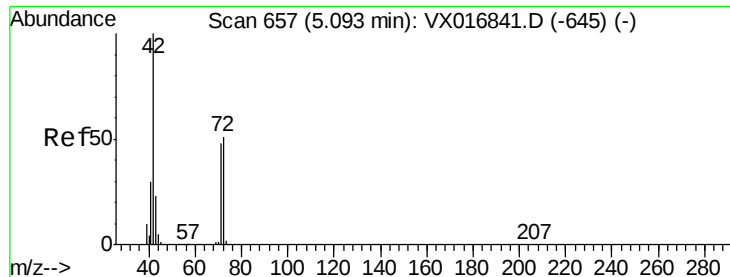
72 28.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 3.011 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

218

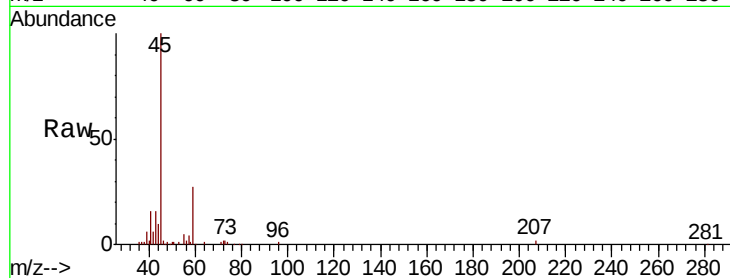
Tot Ion: 42 Resp: 2670

Ion Ratio Lower Upper

42 100

72 55.5 41.1 61.7

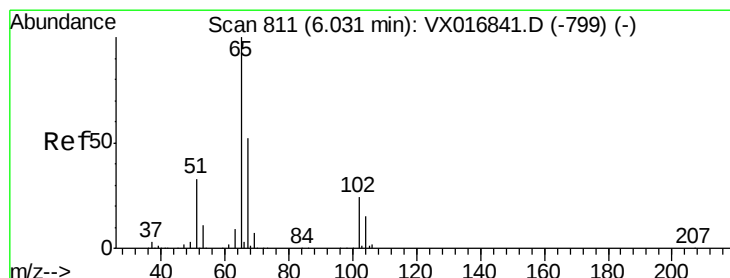
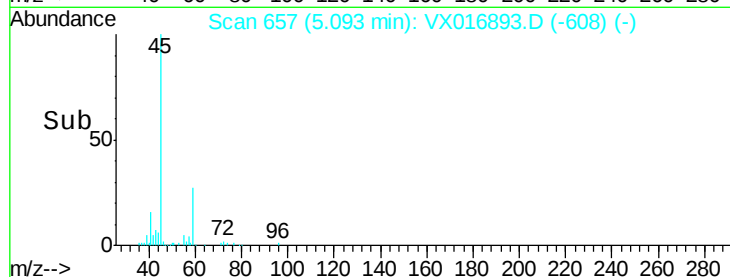
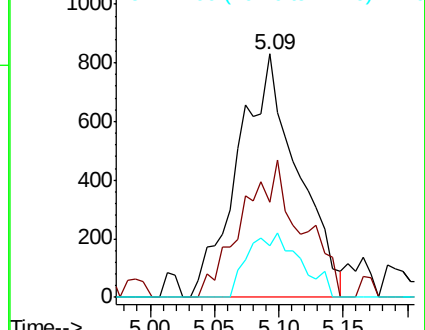
71 23.0 38.4 57.6#



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



#33

1,2-Dichloroethane-d4

Concen: 48.305 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016893.D

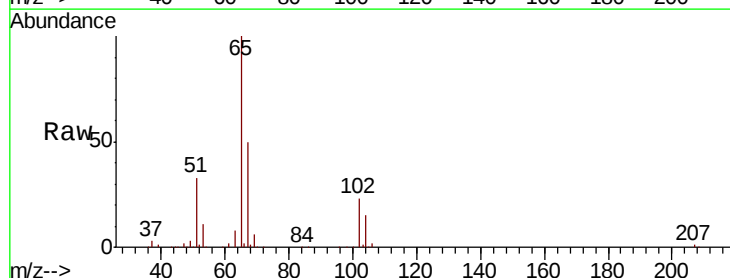
Acq: 19 Jun 2020 20:24

Tgt Ion: 65 Resp: 136144

Ion Ratio Lower Upper

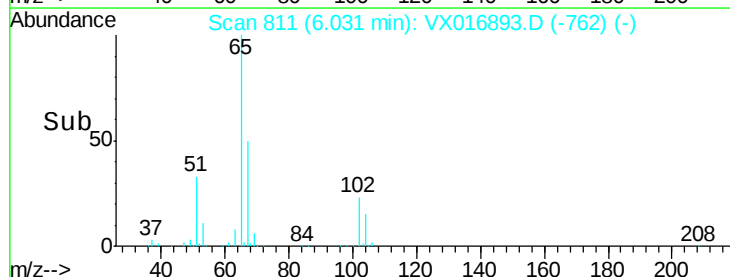
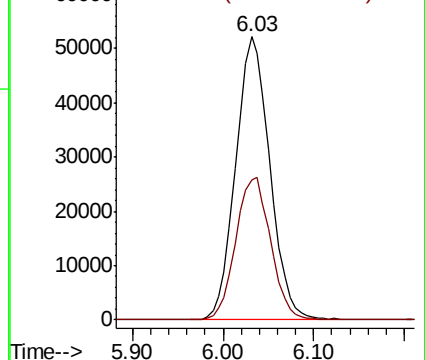
65 100

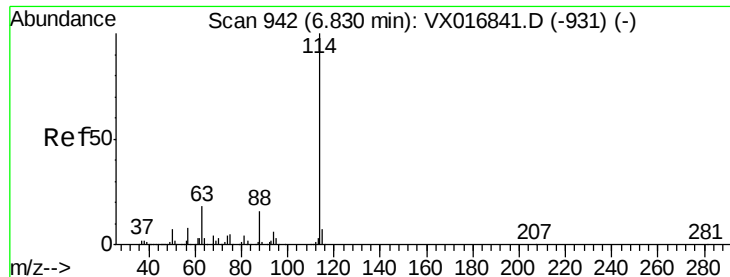
67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

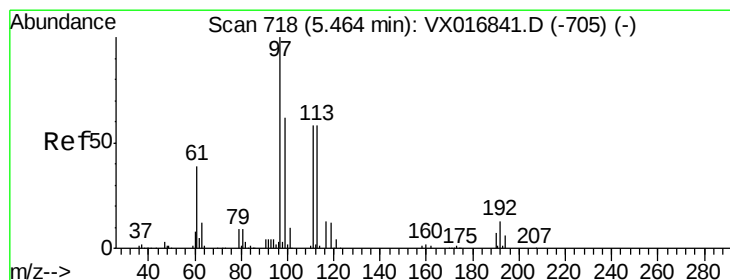
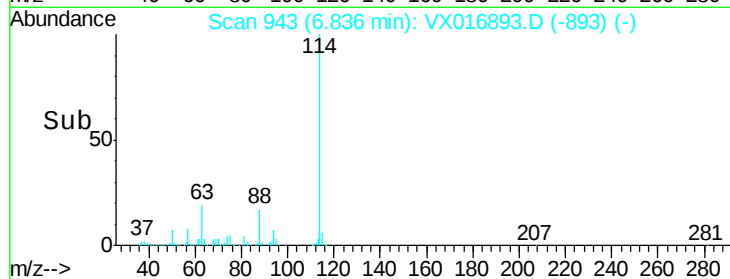
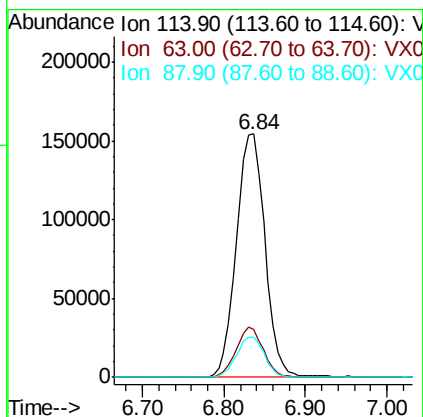
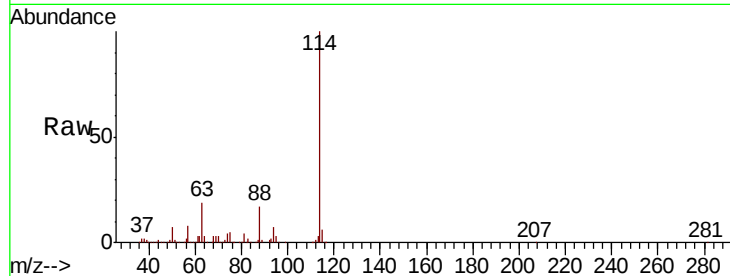




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016893.D
 Acq: 19 Jun 2020 20:24

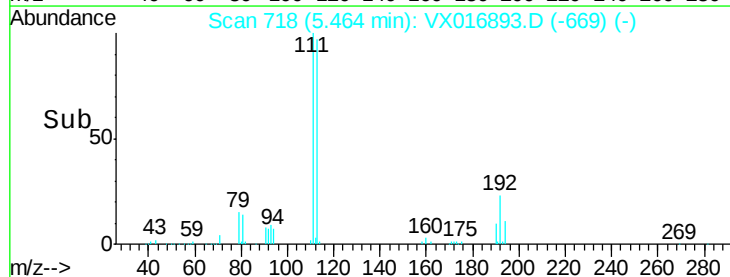
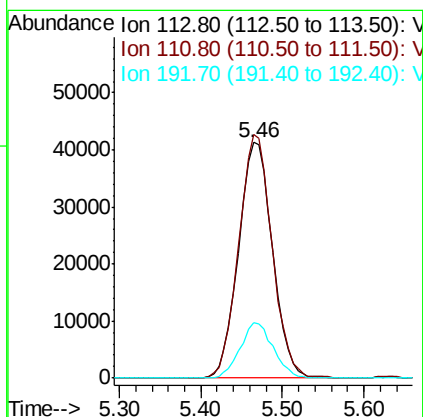
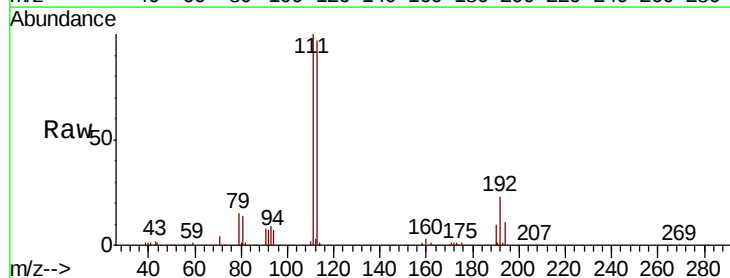
Instrument :
 MSVOA_X
 ClientSampleId :
 218

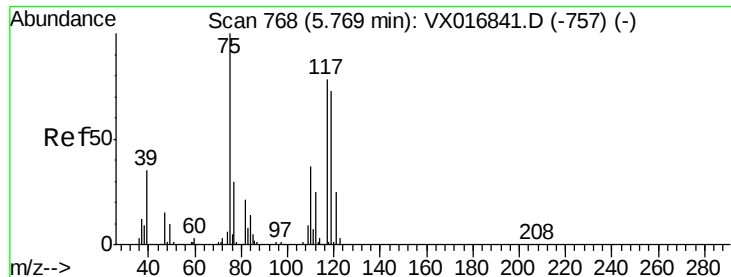
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.0
88	16.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.826 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016893.D
 Acq: 19 Jun 2020 20:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.4
192	22.9	18.5	27.7





#36

1,1-Dichloropropene

Concen: 4.394 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

218

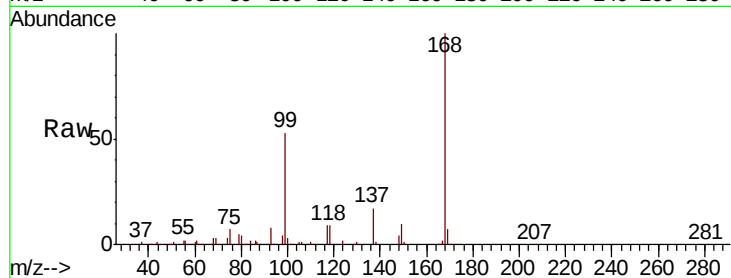
Tot Ion: 75 Resp: 15226

Ion Ratio Lower Upper

75 100

110 8.9 18.9 56.9#

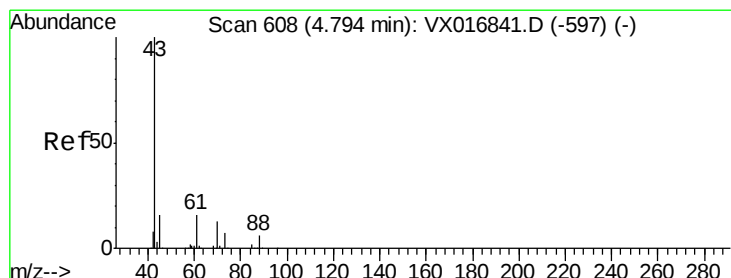
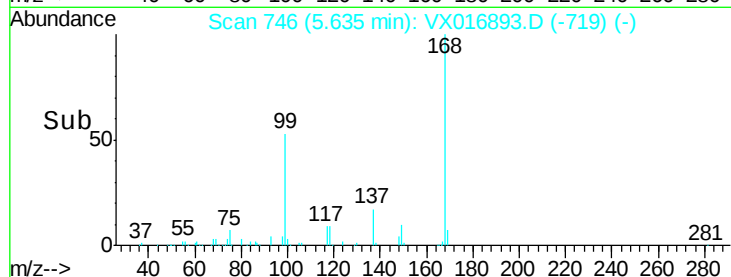
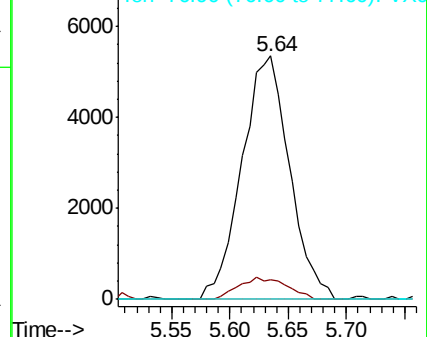
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 104.179 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

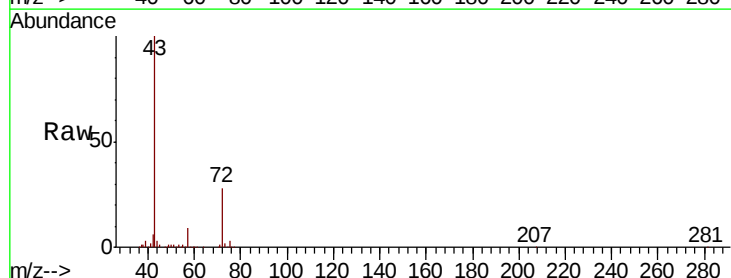
Tgt Ion: 43 Resp: 318979

Ion Ratio Lower Upper

43 100

61 0.1 12.2 18.2#

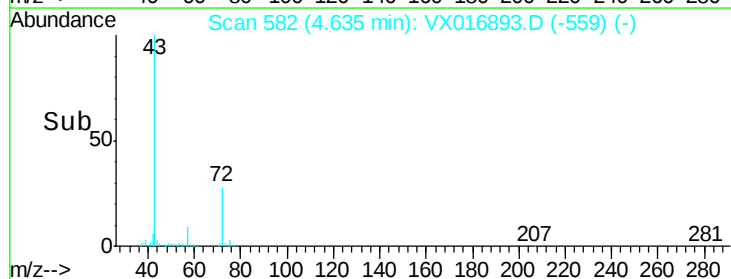
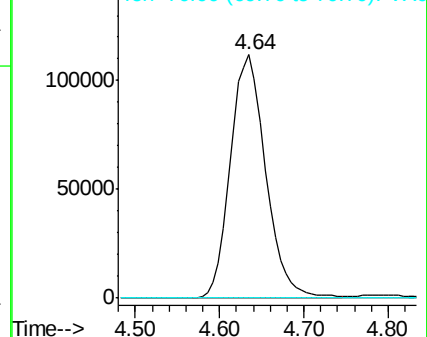
70 0.1 10.5 15.7#

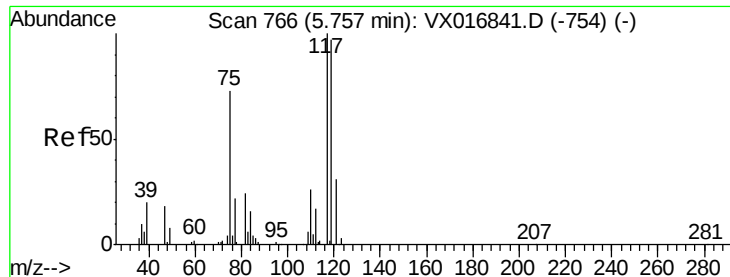


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.529 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

218

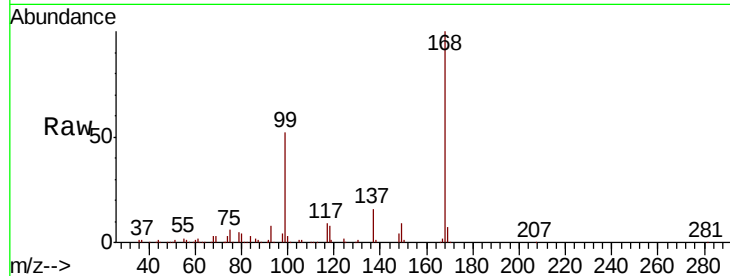
Tot Ion:117 Resp: 21499

Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.2#

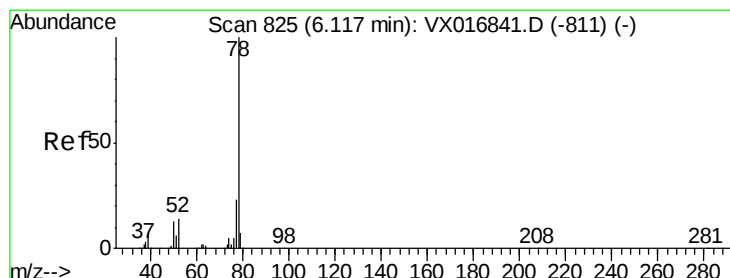
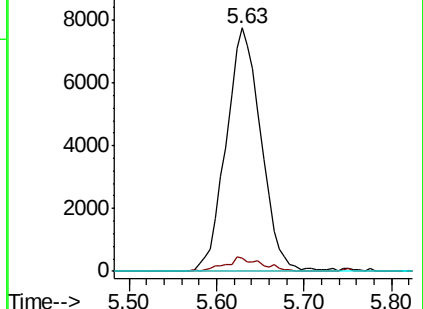
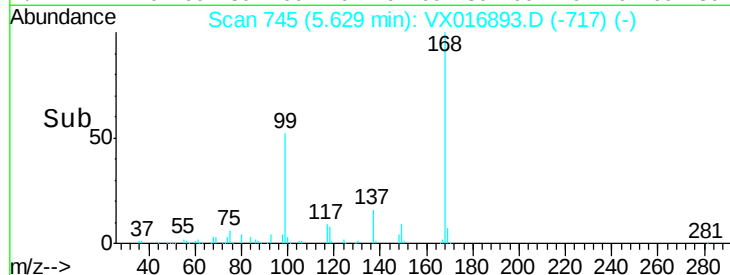
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 6.296 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016893.D

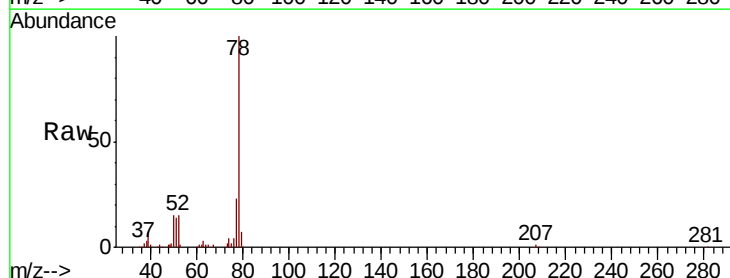
Acq: 19 Jun 2020 20:24

Tgt Ion: 78 Resp: 65471

Ion Ratio Lower Upper

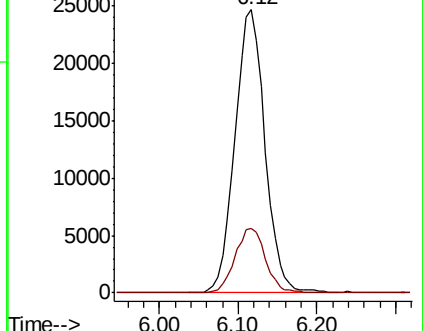
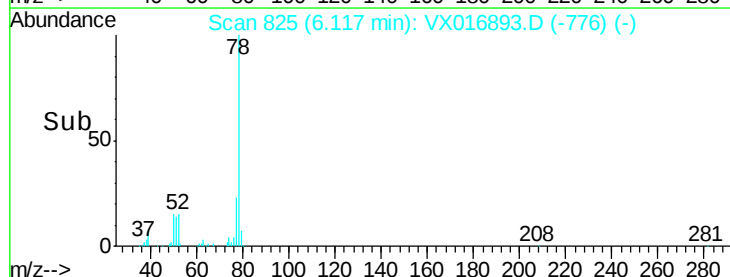
78 100

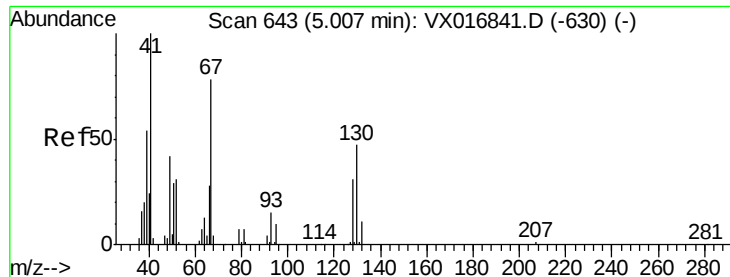
77 22.6 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

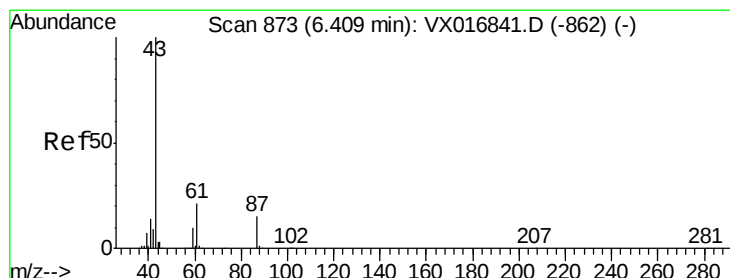
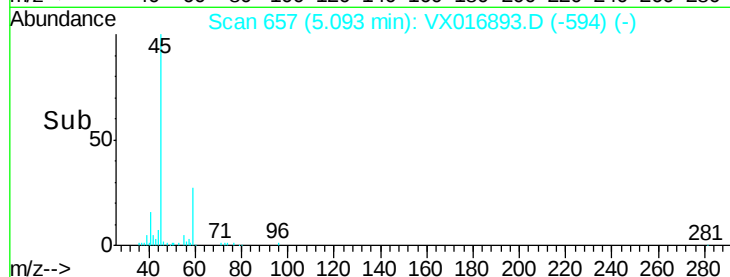
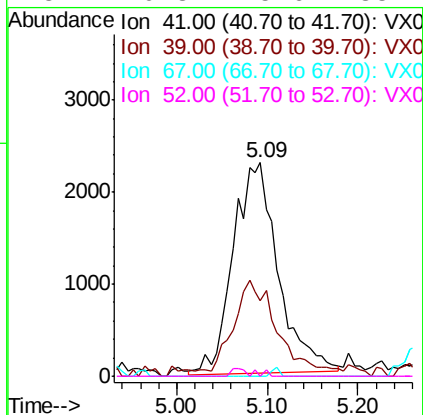
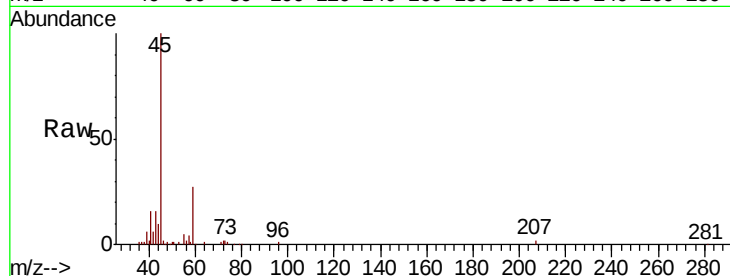




#41
Methacrylonitrile
Concen: 4.754 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.09 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

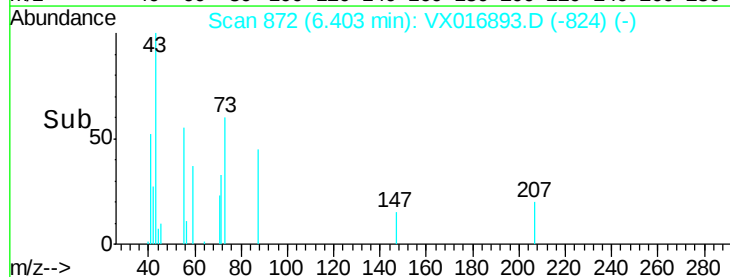
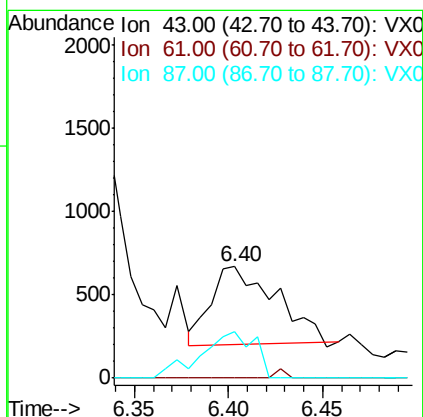
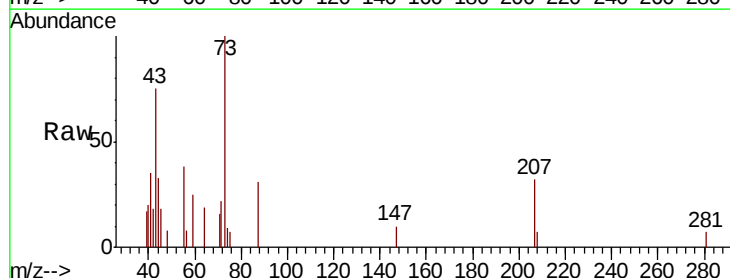
Instrument :
MSVOA_X
ClientSampleId :
218

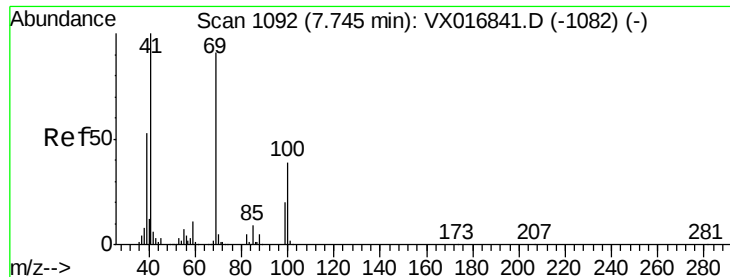
Tot Ion:	41	Resp:	7903
Ion	Ratio	Lower	Upper
41	100		
39	41.3	42.6	64.0#
67	0.0	64.2	96.2#
52	0.3	25.6	38.4#



#43
Isopropyl Acetate
Concen: 0.205 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion:	43	Resp:	1095
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.9	26.9#
87	50.3	12.4	18.6#





#48

Methvl methacrylate

Concen: 0.478 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.13 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_X
ClientSampled :
218

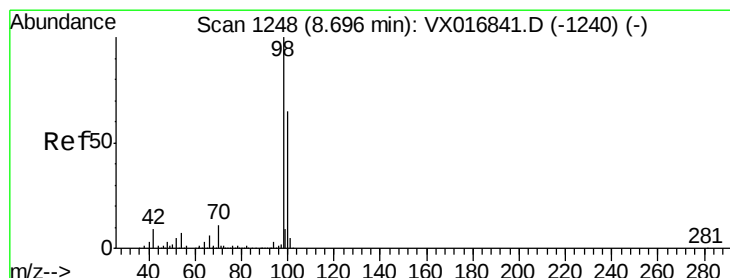
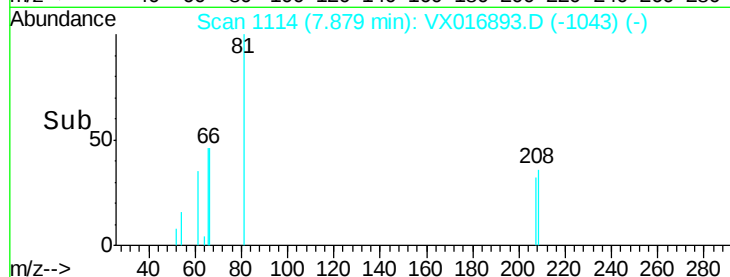
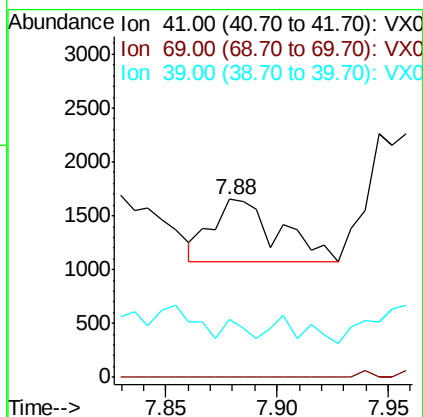
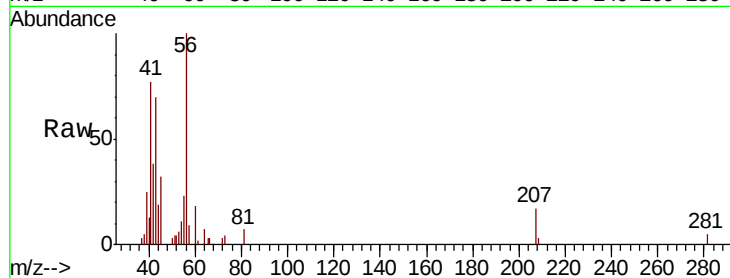
Tot Ion: 41 Resp: 1203

Ion Ratio Lower Upper

41 100

69 0.0 73.3 109.9#

39 0.0 42.4 63.6#



#50

Toluene-d8

Concen: 47.806 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016893.D

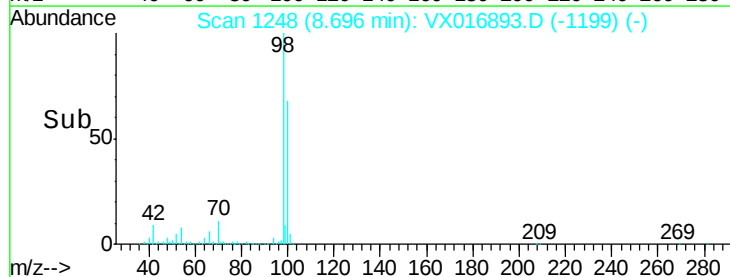
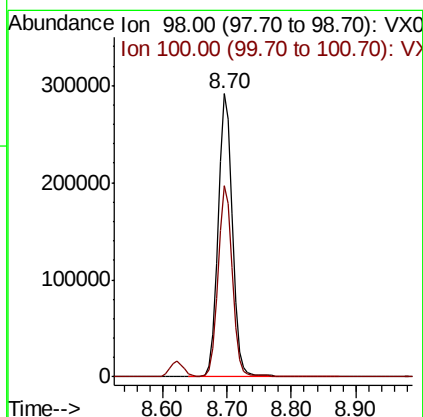
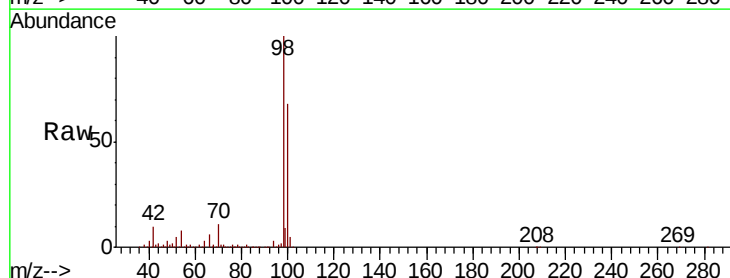
Acq: 19 Jun 2020 20:24

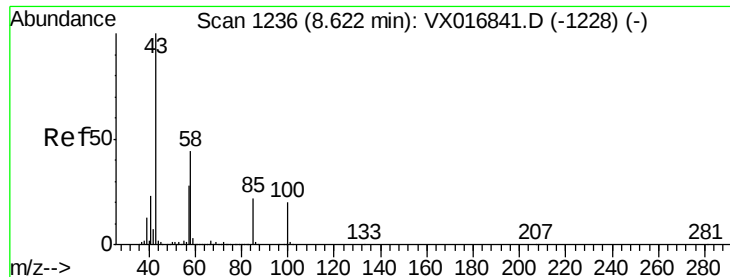
Tgt Ion: 98 Resp: 459200

Ion Ratio Lower Upper

98 100

100 67.3 54.0 81.0

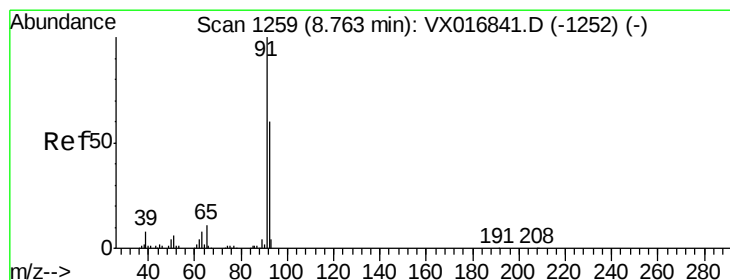
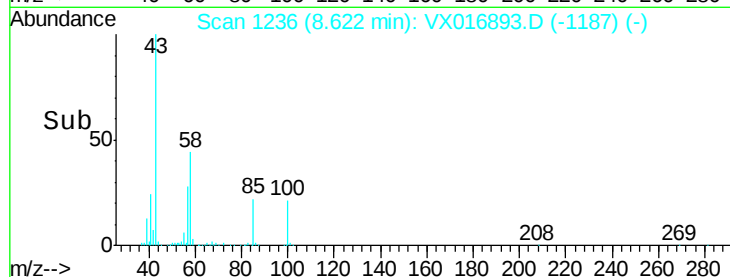
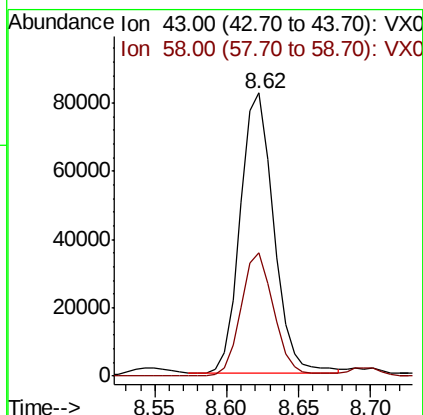
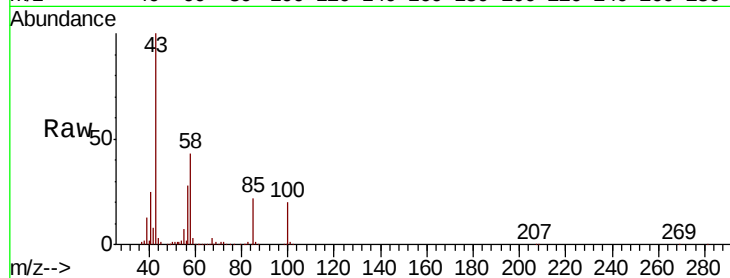




#51
4-Methyl-2-Pentanone
Concen: 41.414 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

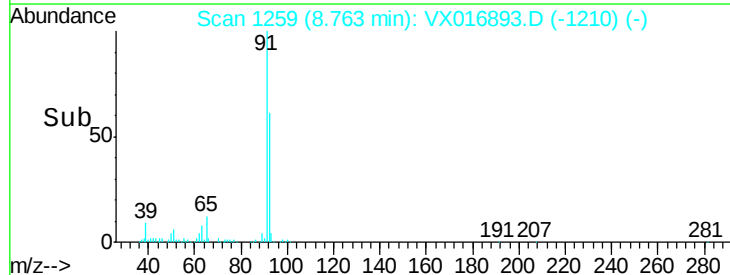
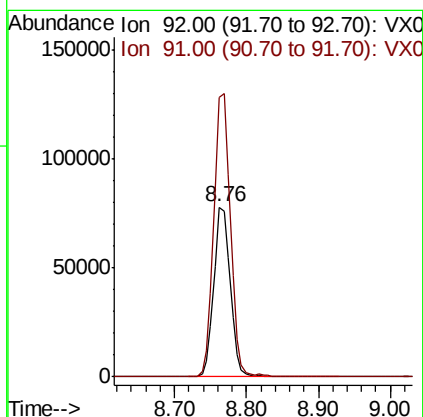
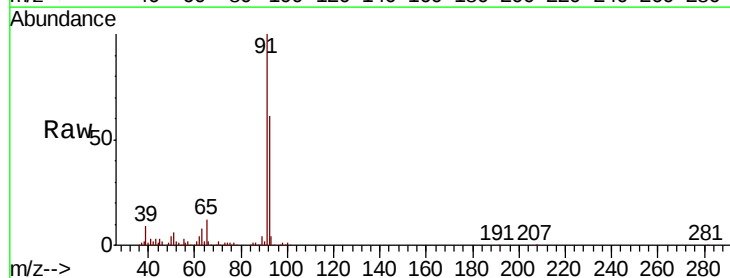
Instrument :
MSVOA_X
ClientSampleId :
218

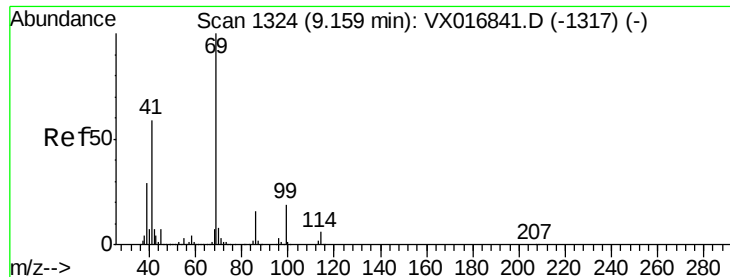
Tot Ion: 43 Resp: 133185
Ion Ratio Lower Upper
43 100
58 42.9 34.3 51.5



#52
Toluene
Concen: 17.966 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 92 Resp: 123930
Ion Ratio Lower Upper
92 100
91 168.6 134.2 201.2





#56

Ethyl methacrylate

Concen: 206.660 ug/l

RT: 9.08 min Scan# 1311

Delta R.T. -0.08 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
218

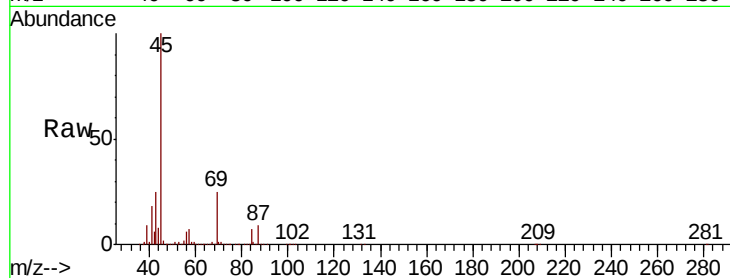
Tot Ion: 69 Resp: 779168

Ion Ratio Lower Upper

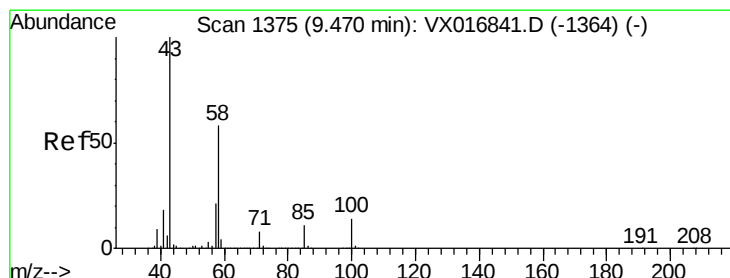
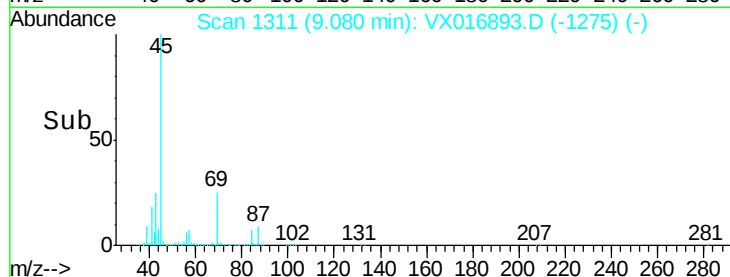
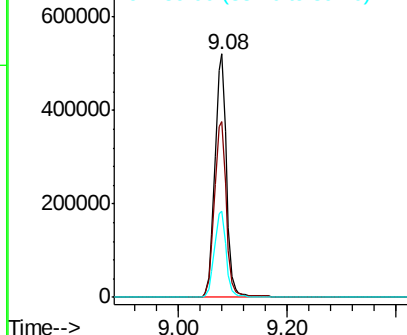
69 100

41 74.1 47.9 71.9#

39 36.1 24.2 36.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 7.258 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016893.D

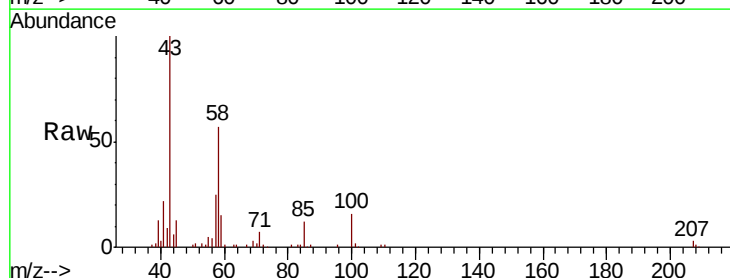
Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 16903

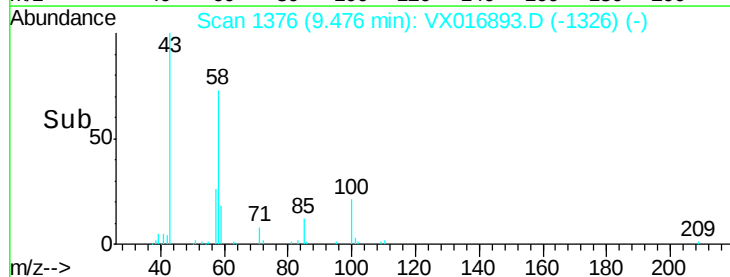
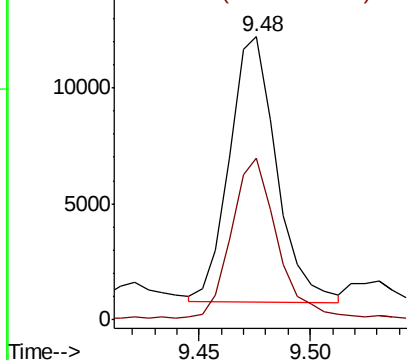
Ion Ratio Lower Upper

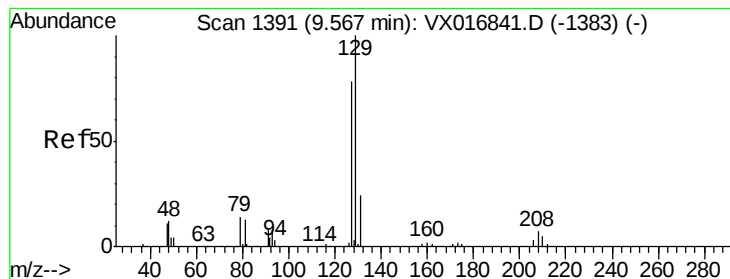
43 100

58 59.1 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 0.269 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

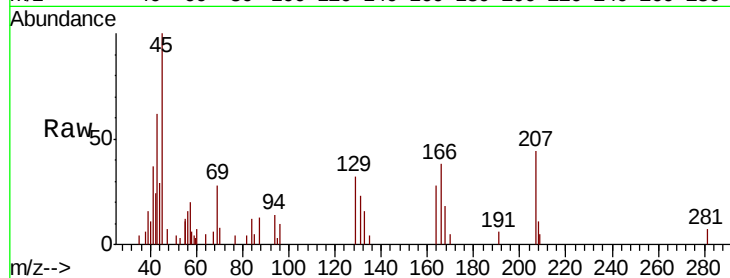
218

Tot Ion:129 Resp: 839

Ion Ratio Lower Upper

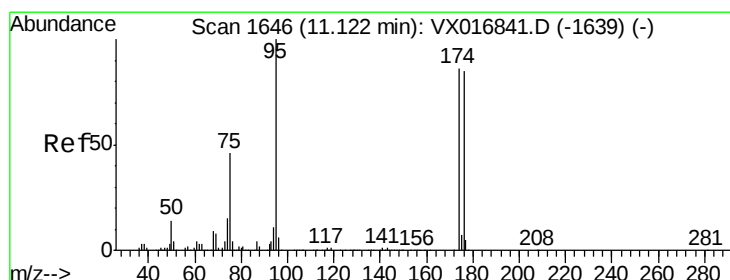
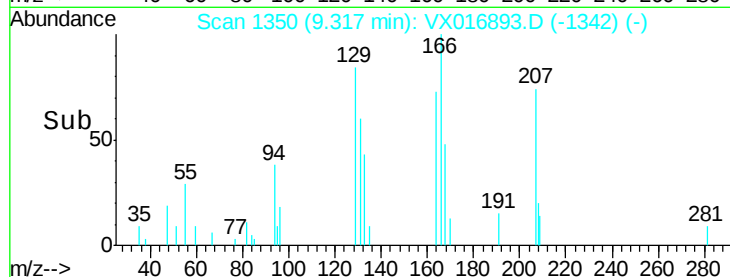
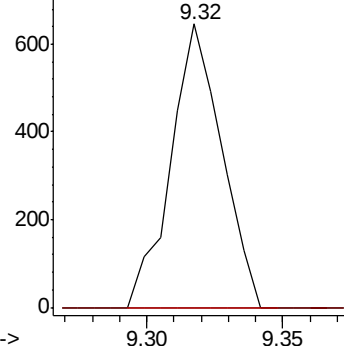
129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 60.558 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

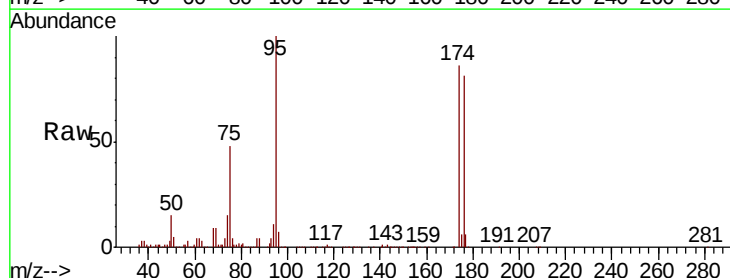
Tgt Ion: 95 Resp: 222870

Ion Ratio Lower Upper

95 100

174 86.0 0.0 174.2

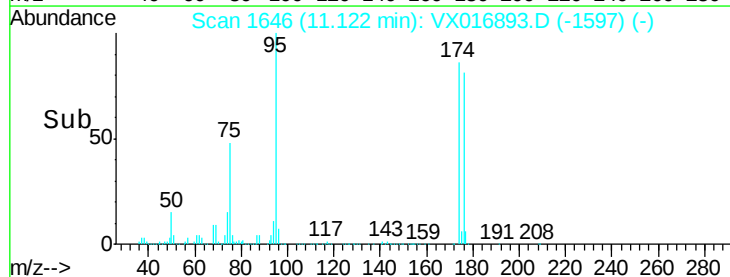
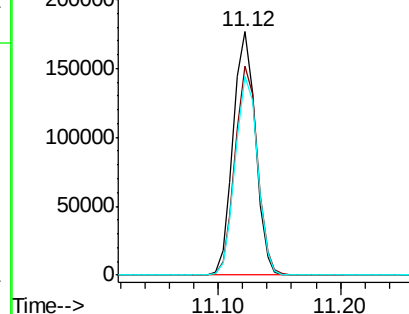
176 81.7 0.0 170.0

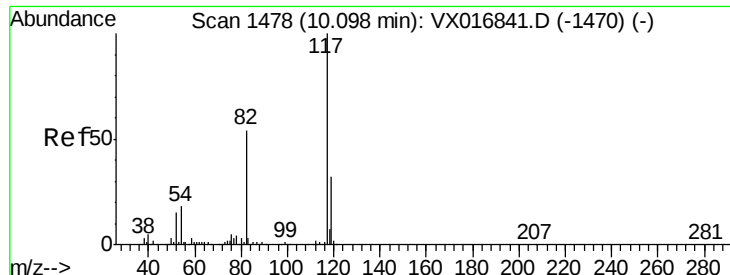


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

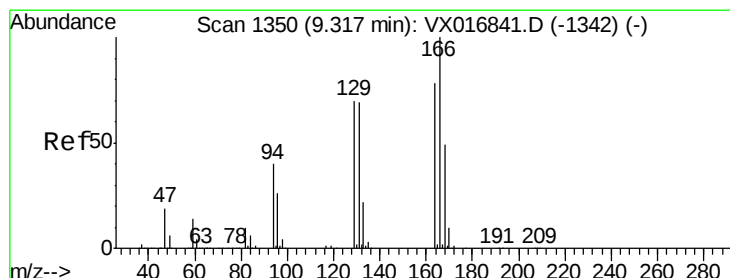
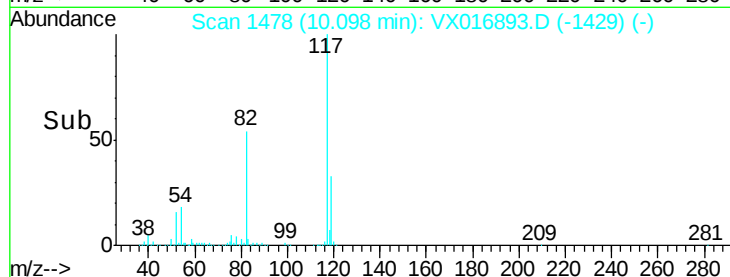
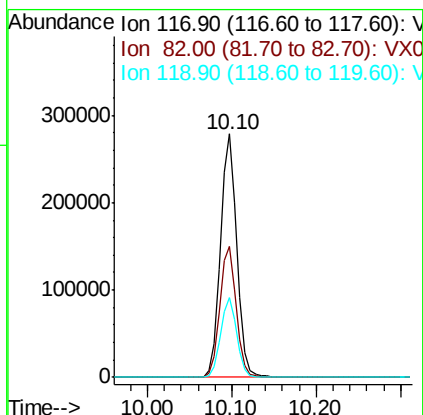
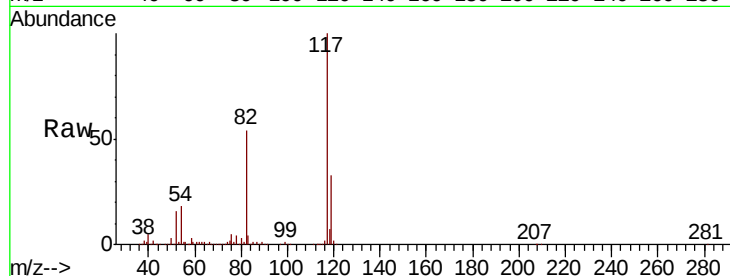




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

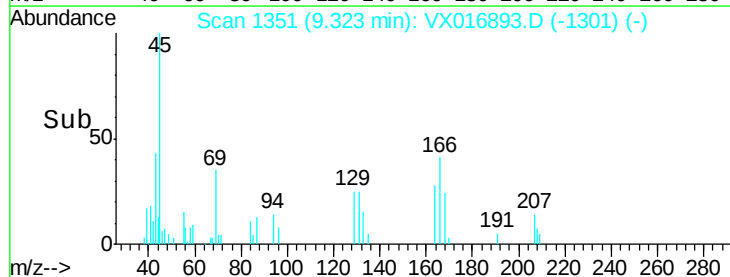
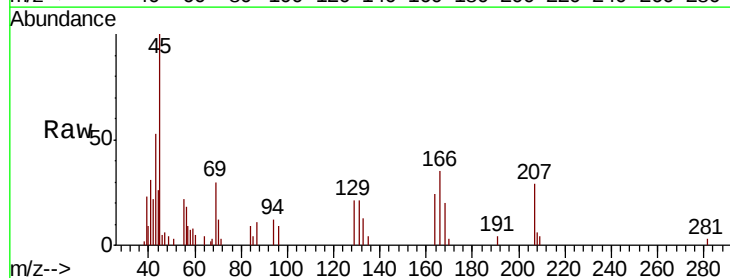
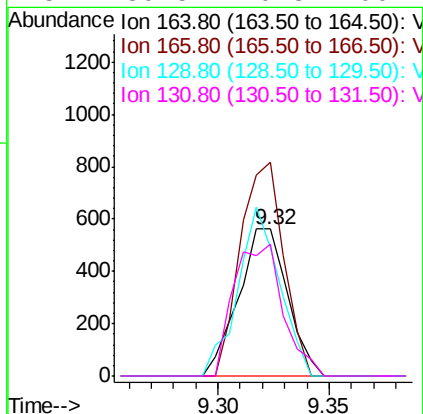
Instrument :
MSVOA_X
ClientSampled :
218

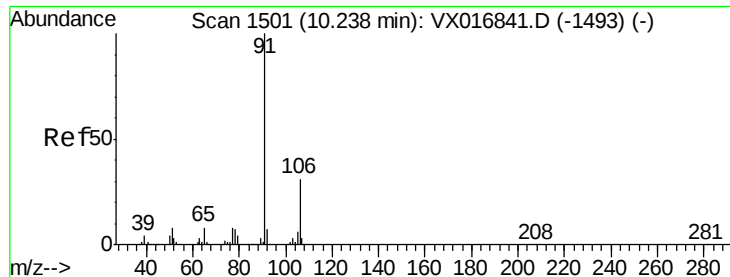
Tot Ion:117 Resp: 373843
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 0.249 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion:164 Resp: 863
Ion Ratio Lower Upper
164 100
166 145.2 102.6 153.8
129 87.4 72.2 108.2
131 89.5 70.8 106.2





#67

Ethyl Benzene

Concen: 1.737 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

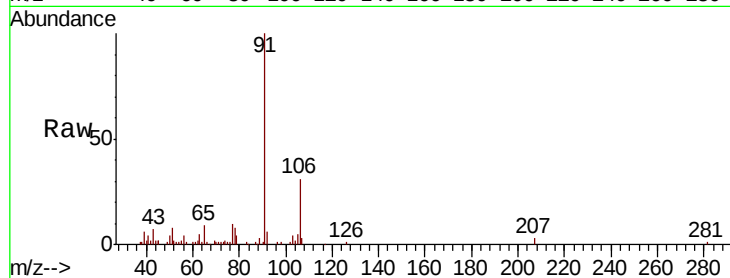
218

Tot Ion: 91 Resp: 22183

Ion Ratio Lower Upper

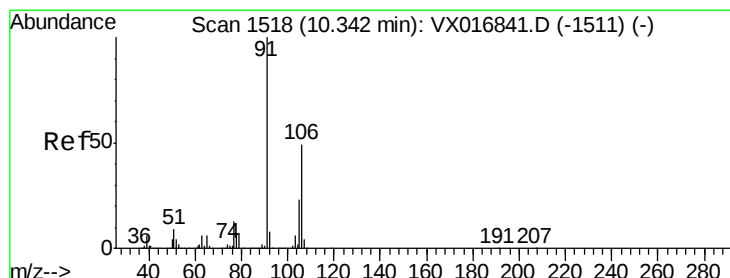
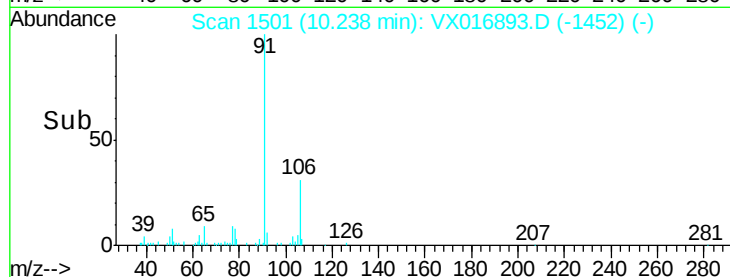
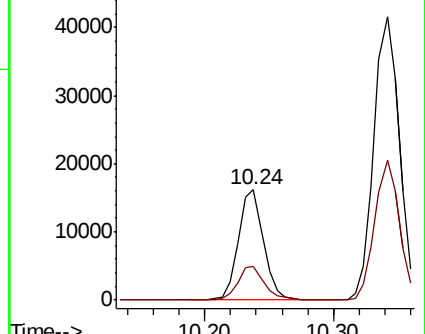
91 100

106 31.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX016841.D (-1493) (-)



#68

m/p-Xylenes

Concen: 5.441 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016893.D

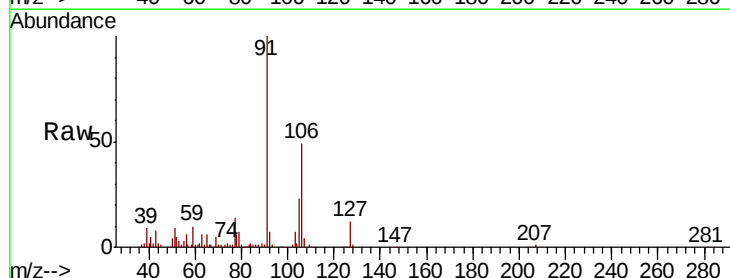
Acq: 19 Jun 2020 20:24

Tgt Ion: 106 Resp: 27044

Ion Ratio Lower Upper

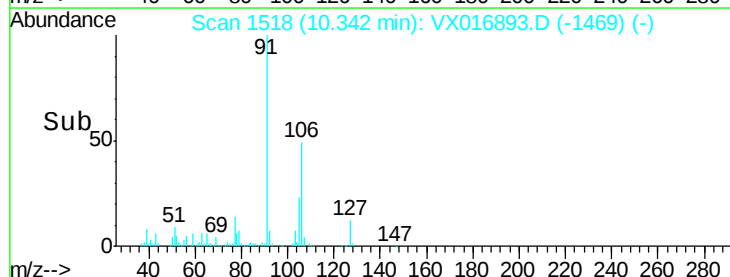
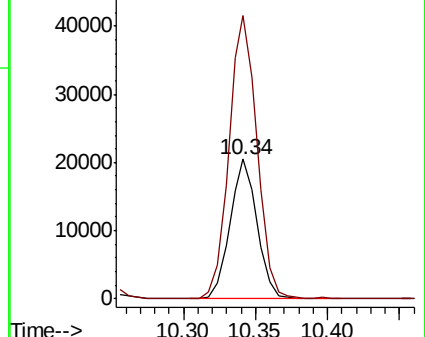
106 100

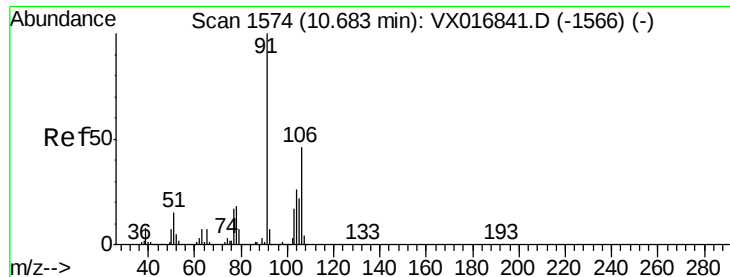
91 209.1 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VX016841.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016841.D (-1511) (-)

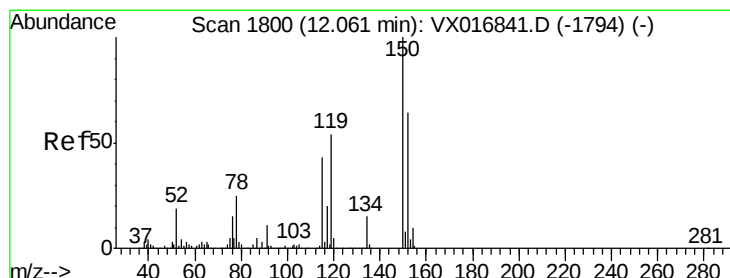
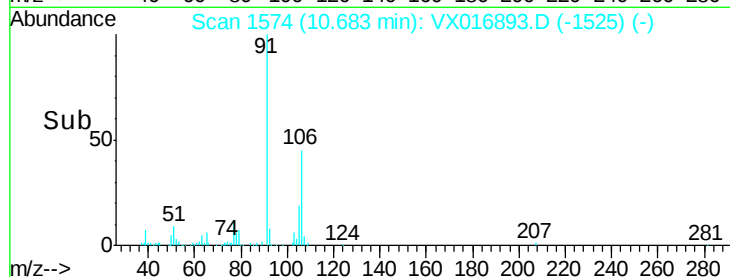
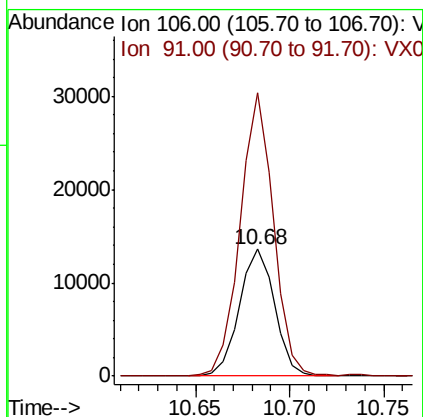
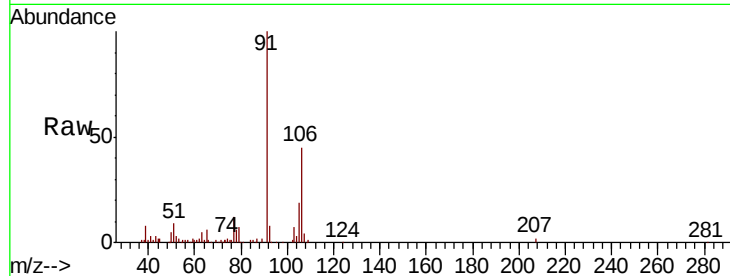




#69
o-Xylene
Concen: 3.827 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

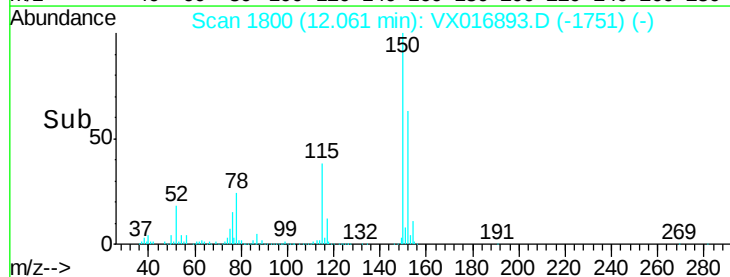
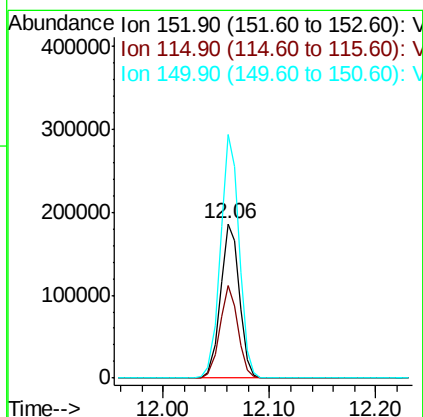
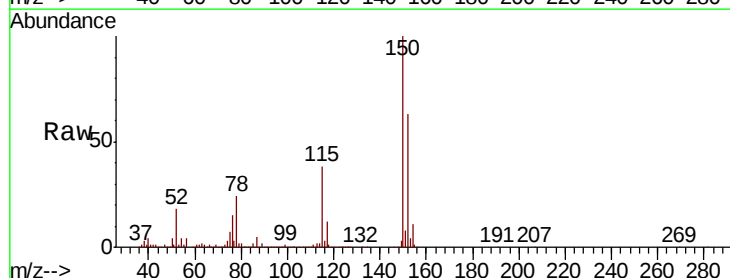
Instrument :
MSVOA_X
ClientSampleId :
218

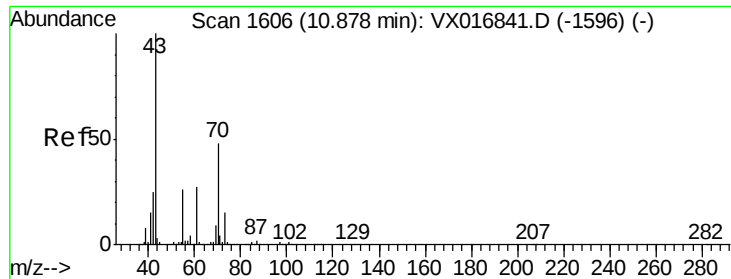
Tot Ion:106 Resp: 17588
Ion Ratio Lower Upper
106 100
91 211.7 107.9 323.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Tgt Ion:152 Resp: 229473
Ion Ratio Lower Upper
152 100
115 57.3 40.9 122.8
150 156.3 0.0 344.2





#74

N-amvl acetate

Concen: 0.699 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

218

Tot Ion: 43 Resp: 3605

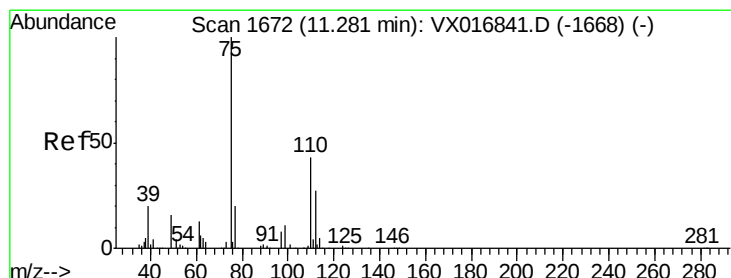
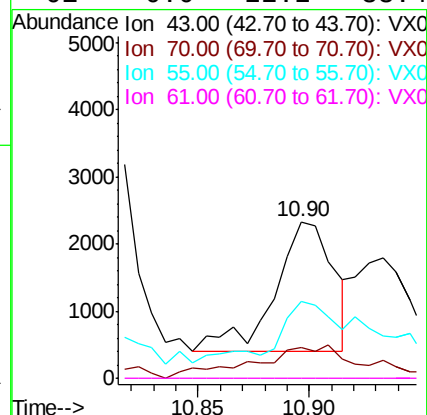
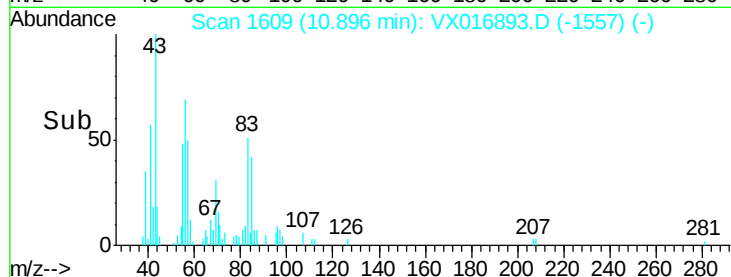
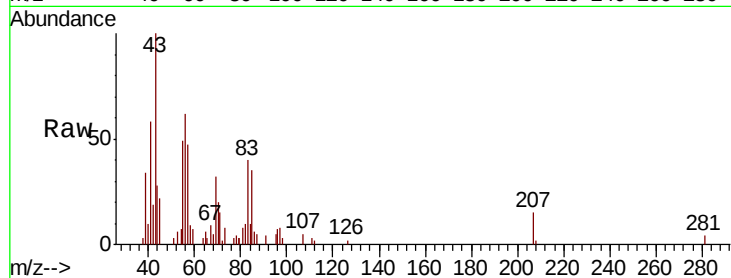
Ion Ratio Lower Upper

43 100

70 45.9 39.9 59.9

55 75.4 21.8 32.6#

61 0.0 22.2 33.4#



#76

1,2,3-Trichloropropane

Concen: 25.606 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016893.D

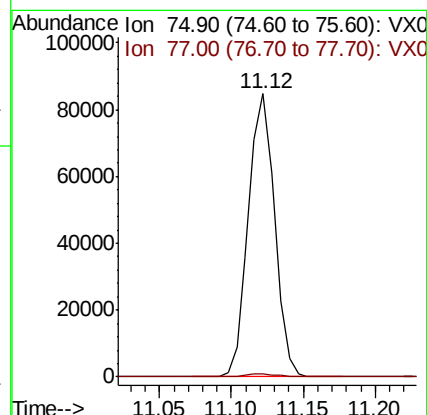
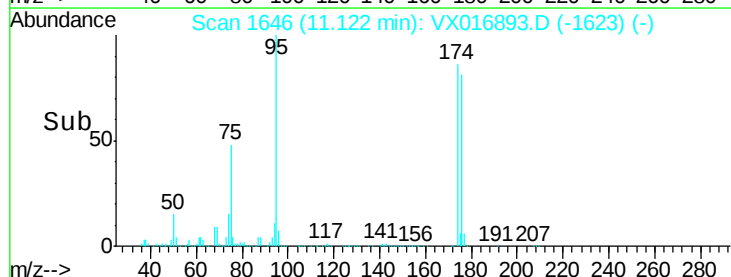
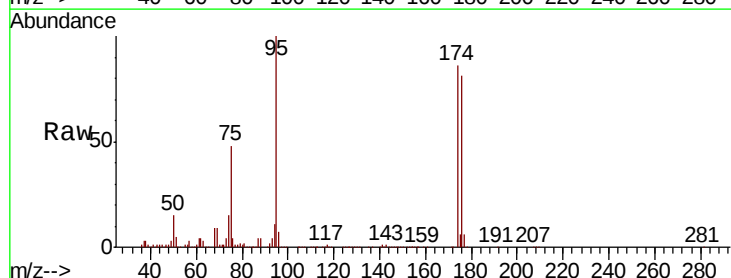
Acq: 19 Jun 2020 20:24

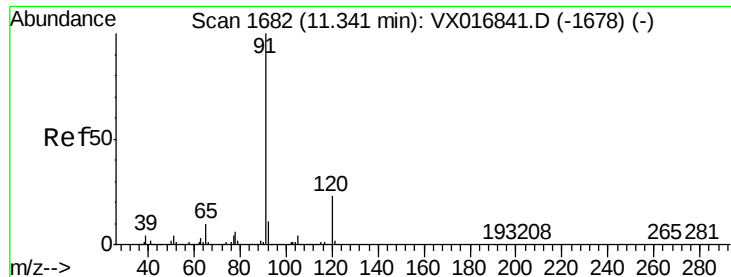
Tgt Ion: 75 Resp: 107313

Ion Ratio Lower Upper

75 100

77 1.8 20.5 61.5#





#78

n-propylbenzene

Concen: 0.401 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

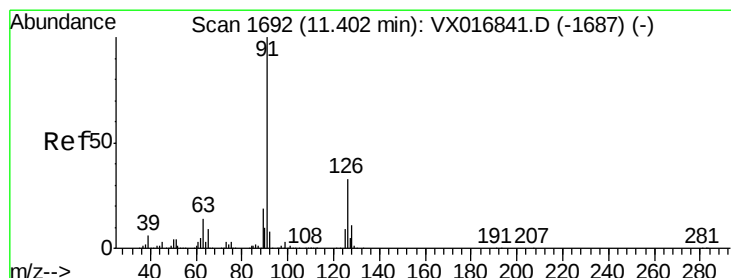
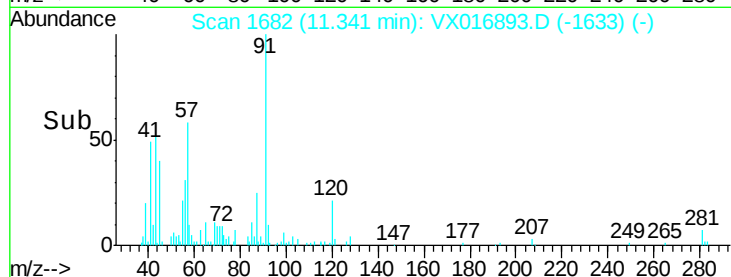
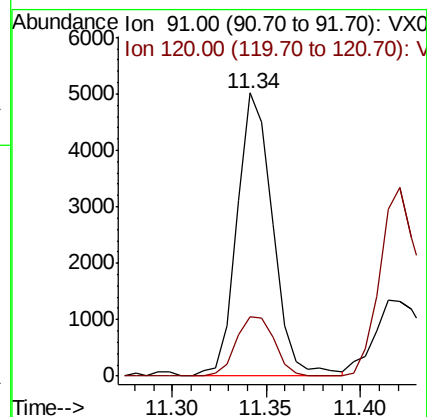
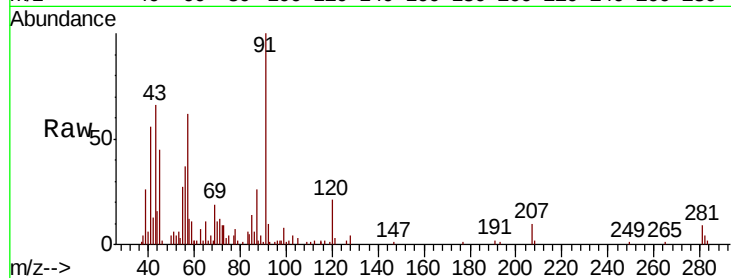
218

Tot Ion: 91 Resp: 6606

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.273 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX016893.D

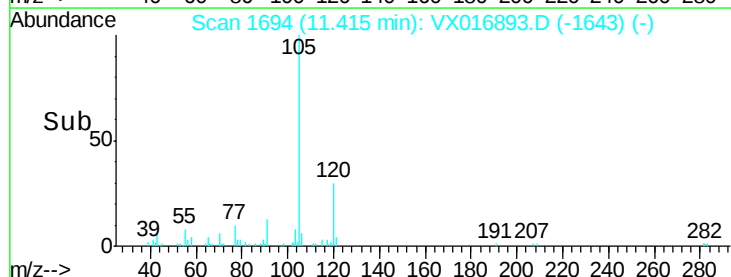
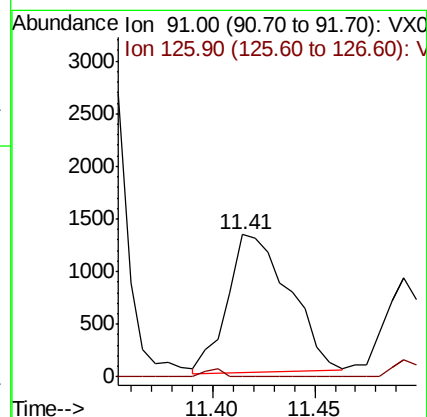
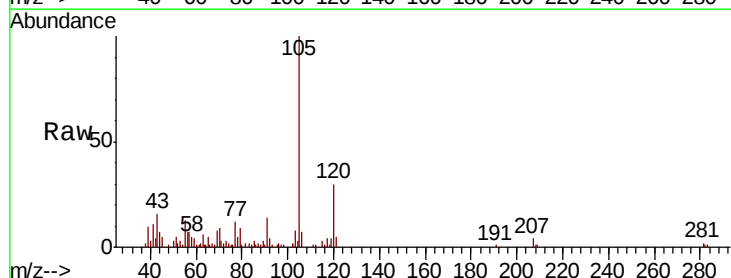
Acq: 19 Jun 2020 20:24

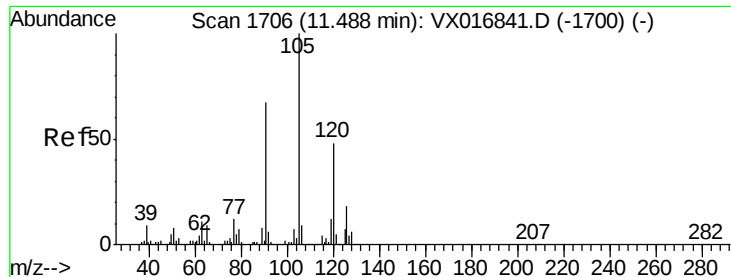
Tgt Ion: 91 Resp: 2757

Ion Ratio Lower Upper

91 100

126 1.9 17.2 51.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.561 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

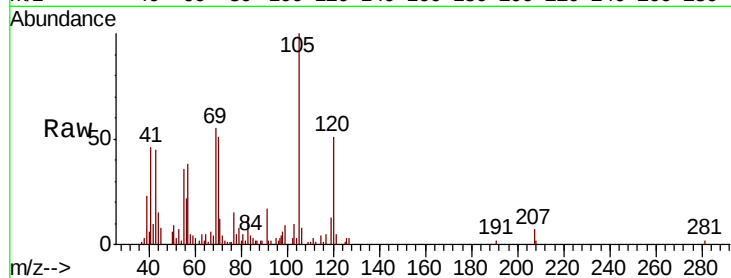
218

Tot Ion:105 Resp: 7147

Ion Ratio Lower Upper

105 100

120 45.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

4000

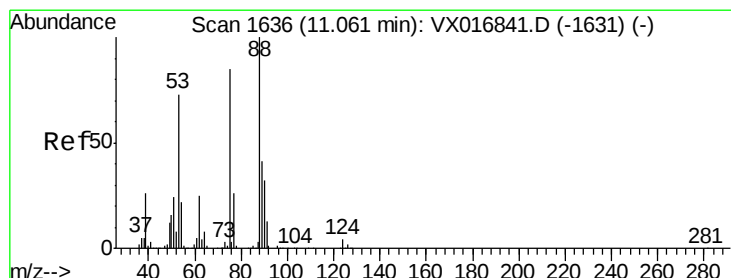
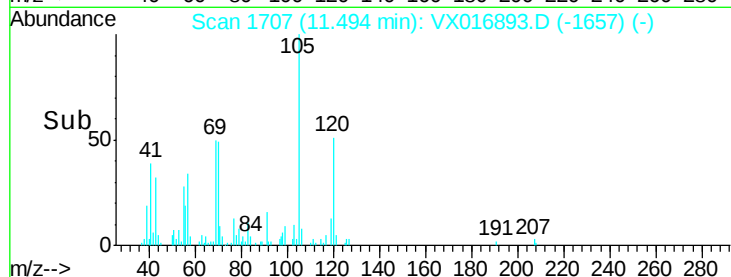
2000

0

11.45

11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 62.705 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

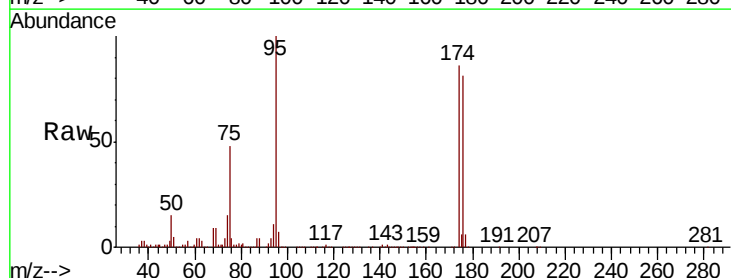
Tgt Ion: 75 Resp: 107313

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

89 0.0 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

100000

80000

60000

40000

20000

0

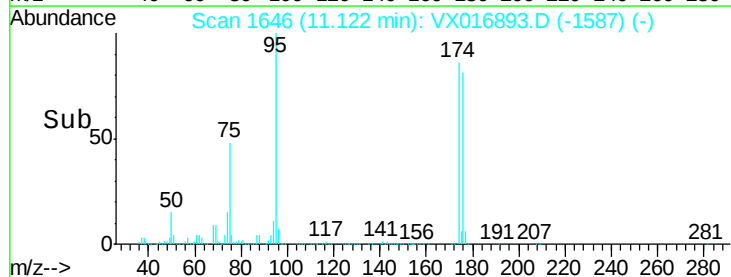
11.05

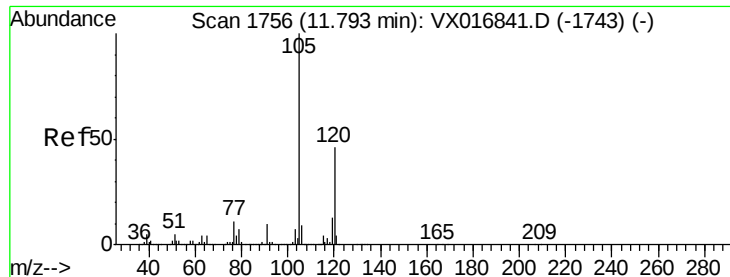
11.10

11.15

11.20

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 2.300 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

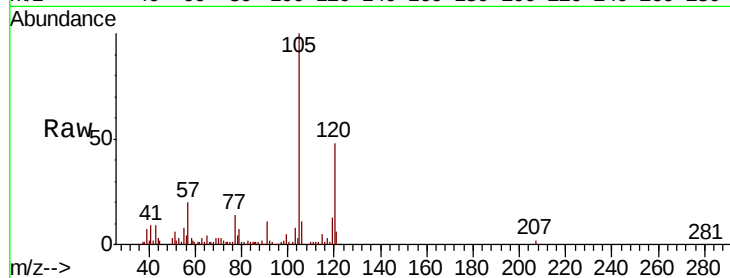
218

Tot Ion:105 Resp: 30203

Ion Ratio Lower Upper

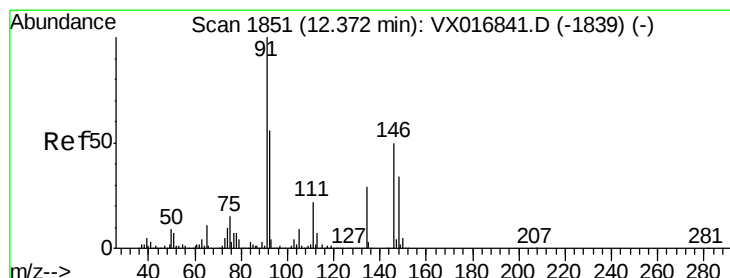
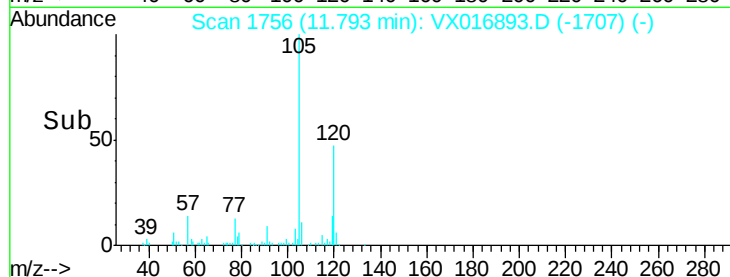
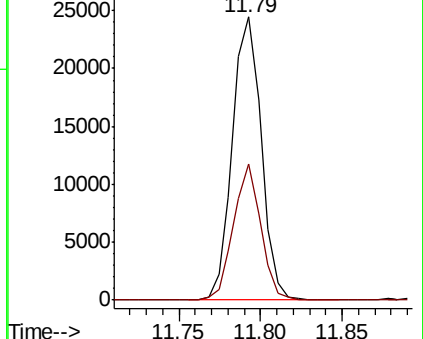
105 100

120 45.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.695 ug/l

RT: 12.37 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

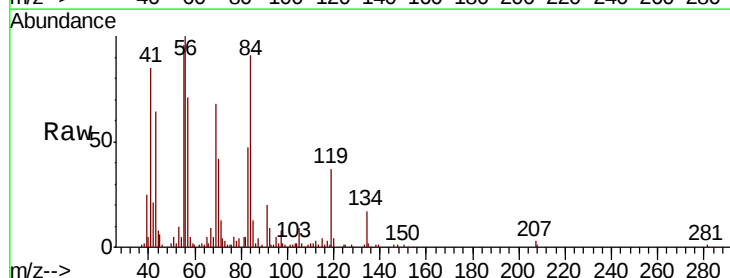
Tgt Ion: 91 Resp: 7998

Ion Ratio Lower Upper

91 100

92 34.6 27.4 82.2

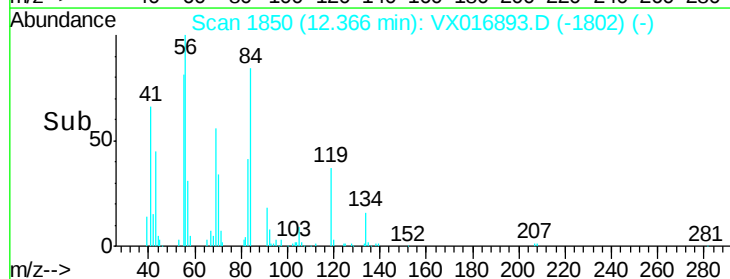
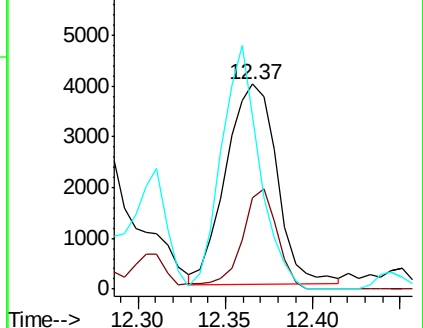
134 90.7 13.9 41.6#

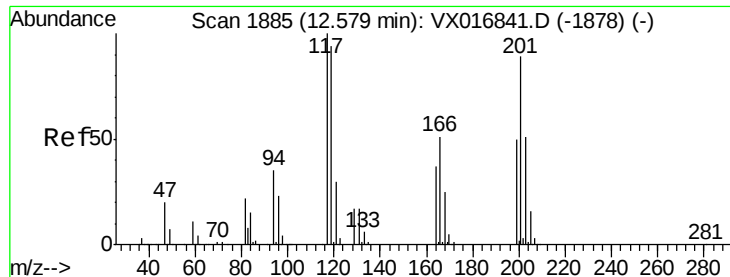


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.621 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

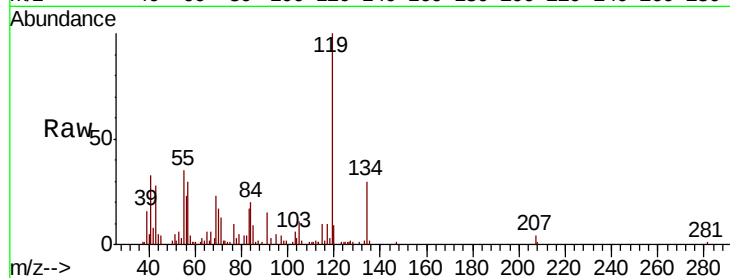
218

Tot Ion:117 Resp: 1501

Ion Ratio Lower Upper

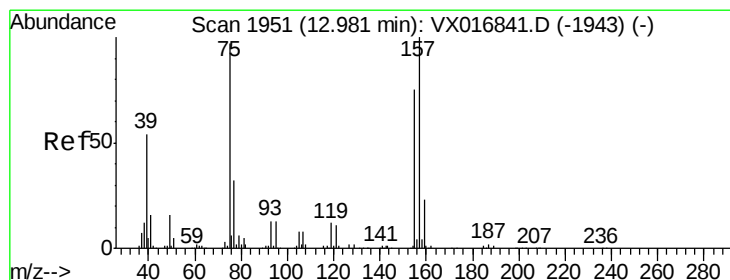
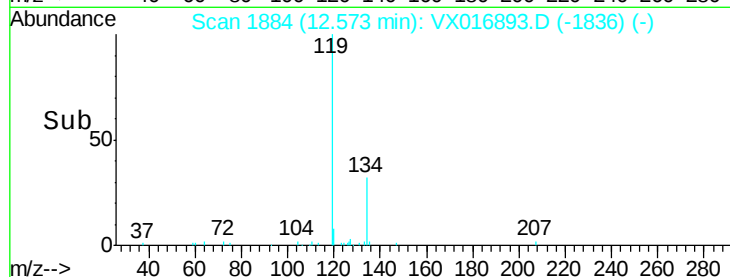
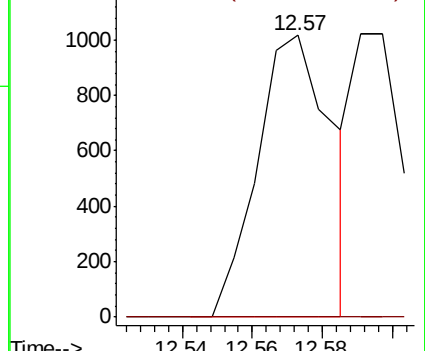
117 100

201 0.0 44.9 134.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.309 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016893.D

Acq: 19 Jun 2020 20:24

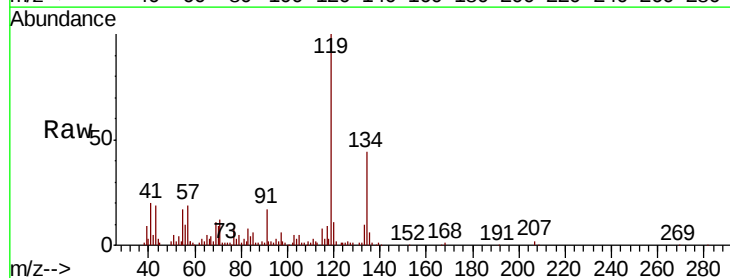
Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 105.6 46.4 139.1

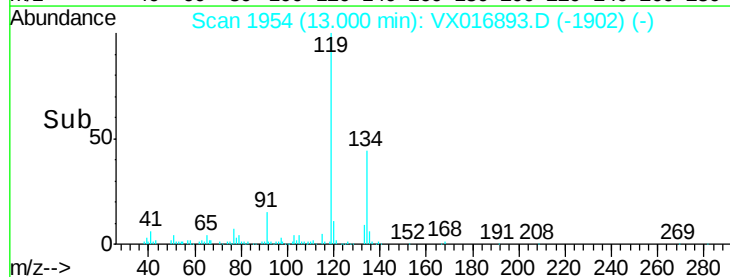
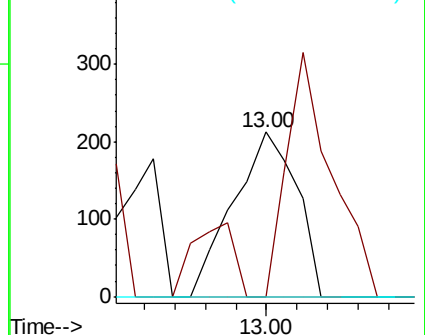
157 0.0 58.6 175.8#

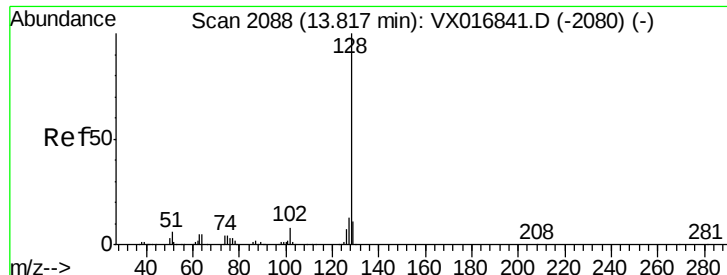


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

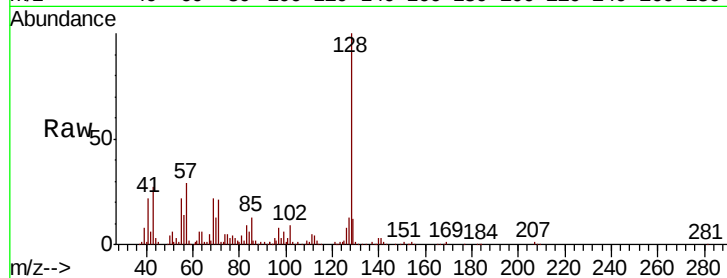




#95
Naphthalene
Concen: 2.924 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016893.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
218

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	13.9	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

