

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016460.D
 Acq On : 27 May 2020 21:01
 Operator : JC/SP
 Sample : PB129128TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129128TB

Quant Time: May 28 03:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	164728	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.46	113	131844	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.70	98	563034	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.12	95	230711	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	554	0.324	ug/l #	57
8) Diethyl Ether	2.17	74	635	0.329	ug/l	70
10) Methyl Iodide	2.50	142	152	3.102	ug/l #	61
11) Tert butyl alcohol	3.01	59	777	0.872	ug/l #	72
13) Acrolein	2.26	56	578	1.524	ug/l #	80
15) Acrylonitrile	3.12	53	416	0.228	ug/l	95
16) Acetone	2.42	43	22286	14.632	ug/l	99
17) Carbon Disulfide	2.56	76	2131	0.266	ug/l #	67
18) Methyl Acetate	2.75	43	3767	0.964	ug/l	94
20) Methylene Chloride	2.84	84	5367	1.703	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	650	0.218	ug/l #	70
25) 2-Butanone	4.65	43	4160	1.612	ug/l	94
29) Tetrahydrofuran	5.11	42	813	0.488	ug/l #	62
36) 1,1-Dichloropropene	5.62	75	21166	4.975	ug/l #	50
37) Ethyl Acetate	4.65	43	4160	0.814	ug/l #	71
38) Carbon Tetrachloride	5.64	117	26777	5.989	ug/l #	17
43) Isopropyl Acetate	6.42	43	82980	10.415	ug/l	100
48) Methyl methacrylate	7.65	41	4670	1.224	ug/l #	14
49) 1,4-Dioxane	7.85	88	278	3.114	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	76379	15.396	ug/l #	45
54) cis-1,3-Dichloropropene	8.59	75	35655	6.604	ug/l #	60
56) Ethyl methacrylate	9.29	69	1135	0.219	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	6693	1.228	ug/l #	43
59) 2-Hexanone	9.52	43	82927	21.496	ug/l #	48
74) N-amyl acetate	10.81	43	3770	0.523	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	113503	22.811	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	3742	0.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	113503	56.112	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.63	180	1157	0.252	ug/l	96
94) Hexachlorobutadiene	13.76	225	430	0.239	ug/l	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

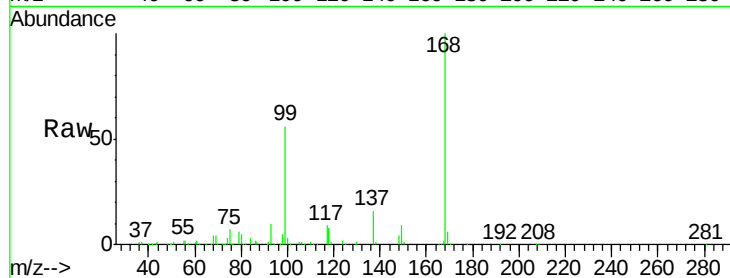
PB129128TB

Tot Ion:168 Resp: 279943

Ion Ratio Lower Upper

168 100

99 55.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

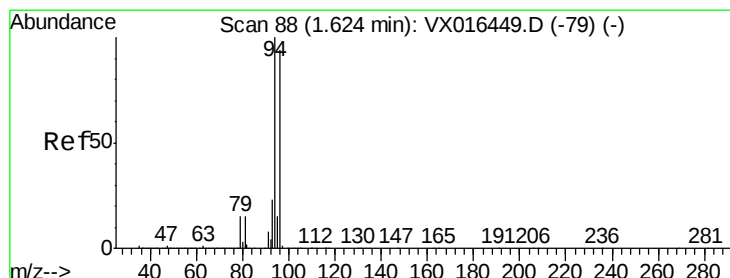
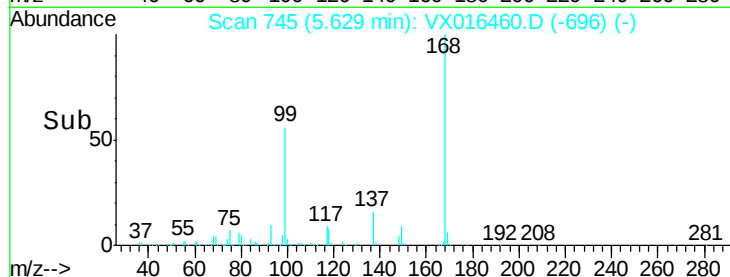
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.324 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX016460.D

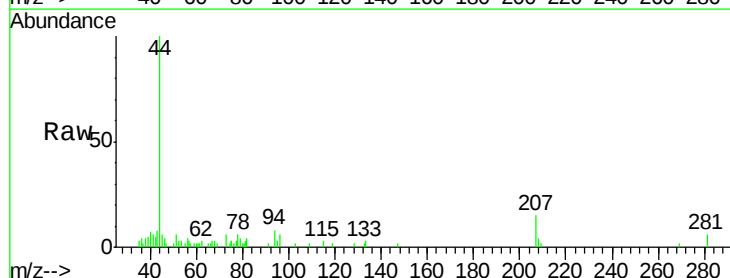
Acq: 27 May 2020 21:01

Tgt Ion: 94 Resp: 554

Ion Ratio Lower Upper

94 100

96 52.2 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

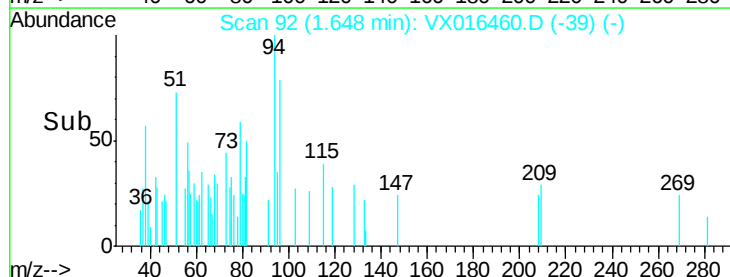
200

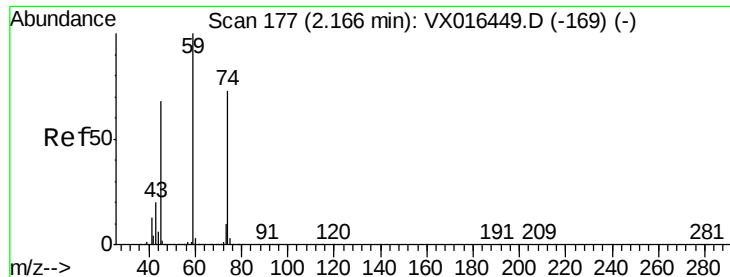
100

0

Time-->

1.60 1.65





#8

Diethyl Ether

Concen: 0.329 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

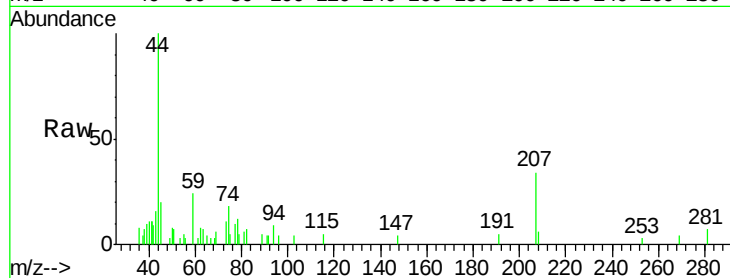
PB129128TB

Tot Ion: 74 Resp: 635

Ion Ratio Lower Upper

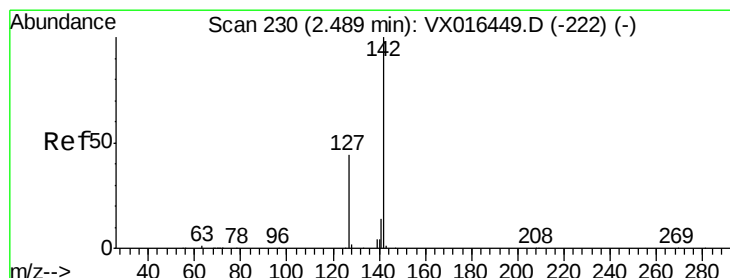
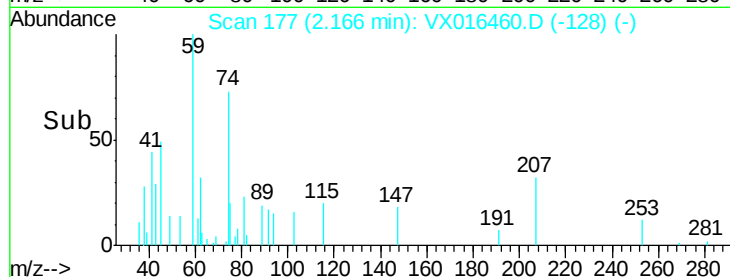
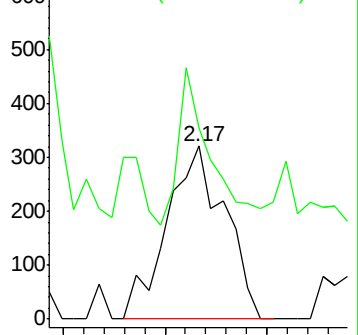
74 100

45 66.3 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 3.102 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

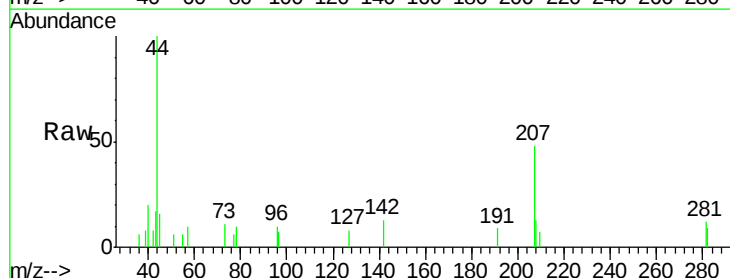
Tgt Ion: 142 Resp: 152

Ion Ratio Lower Upper

142 100

127 17.8 35.3 52.9#

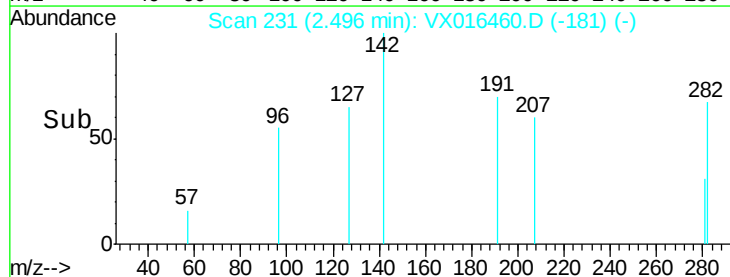
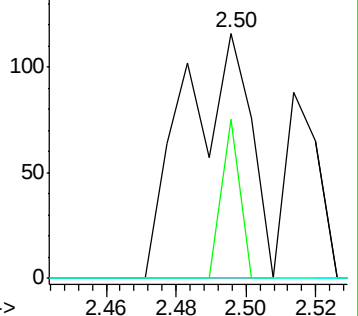
141 0.0 11.4 17.2#

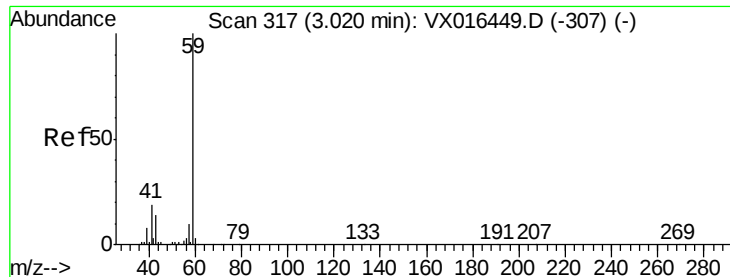


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



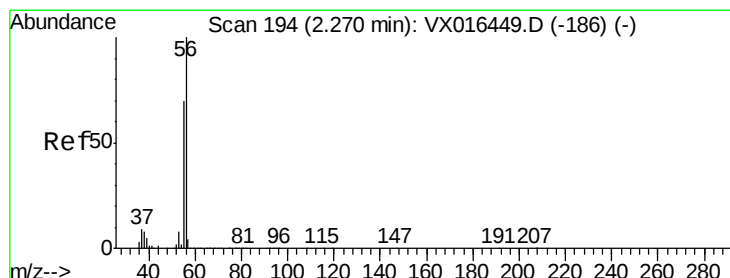
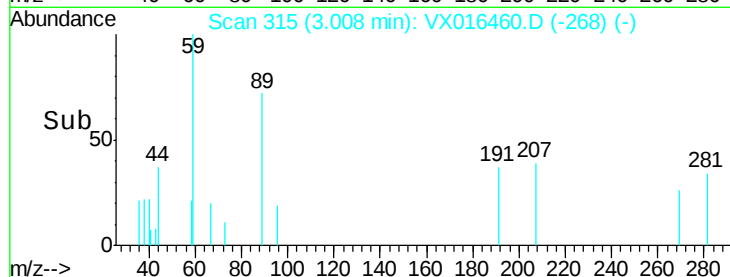
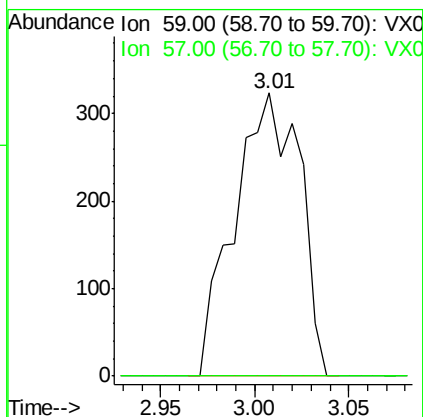
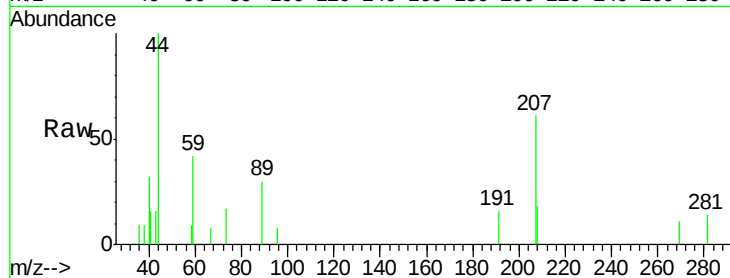


#11

Tert butyl alcohol
 Concen: 0.872 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016460.D
 Acq: 27 May 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129128TB

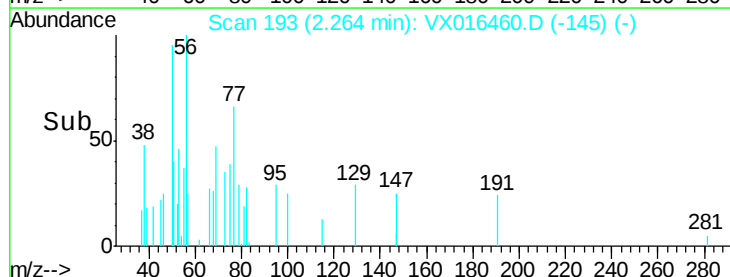
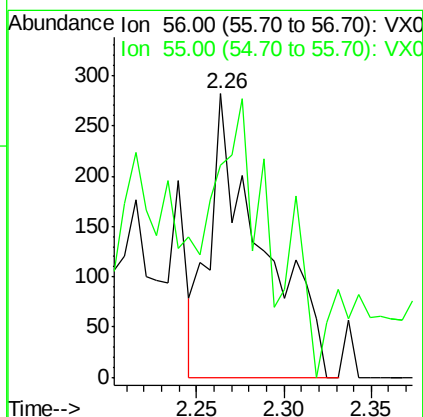
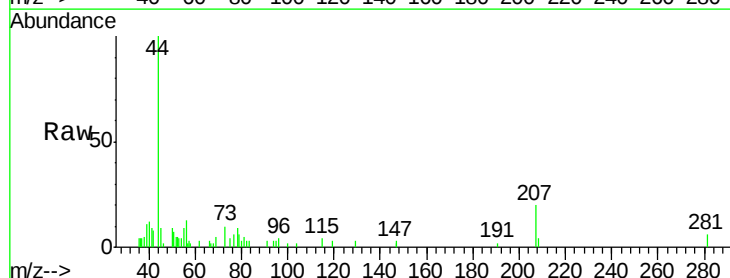
Tot Ion: 59 Resp: 777
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

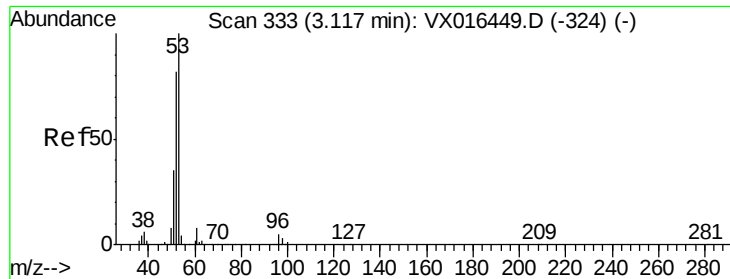


#13

Acrolein
 Concen: 1.524 ug/l
 RT: 2.26 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: VX016460.D
 Acq: 27 May 2020 21:01

Tgt Ion: 56 Resp: 578
 Ion Ratio Lower Upper
 56 100
 55 56.1 58.3 87.5#





#15

Acrylonitrile

Concen: 0.228 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

PB129128TB

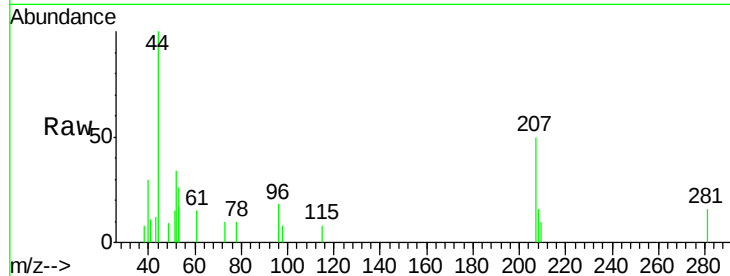
Tot Ion: 53 Resp: 416

Ion Ratio Lower Upper

53 100

52 89.9 66.7 100.1

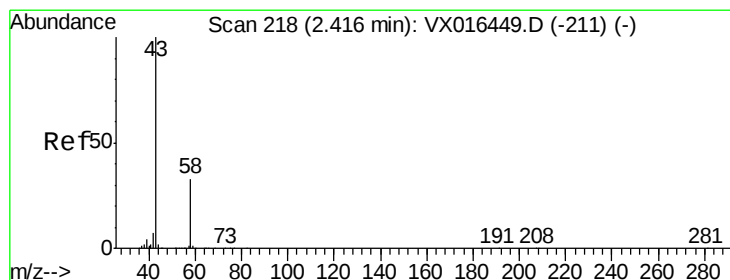
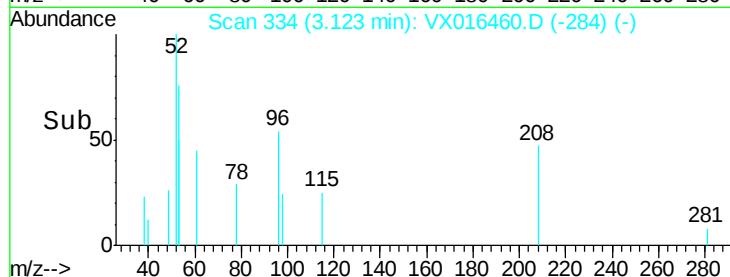
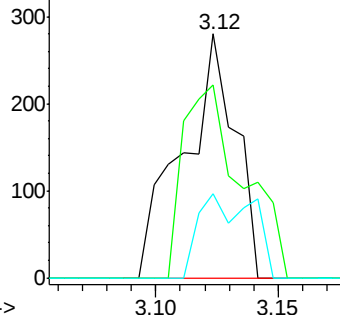
51 35.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 14.632 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016460.D

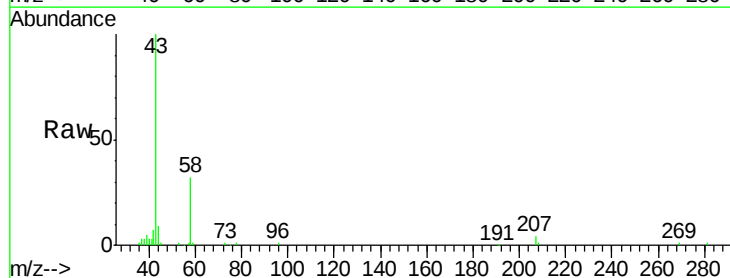
Acq: 27 May 2020 21:01

Tgt Ion: 43 Resp: 22286

Ion Ratio Lower Upper

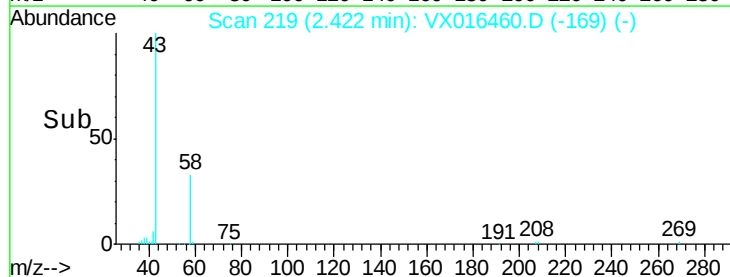
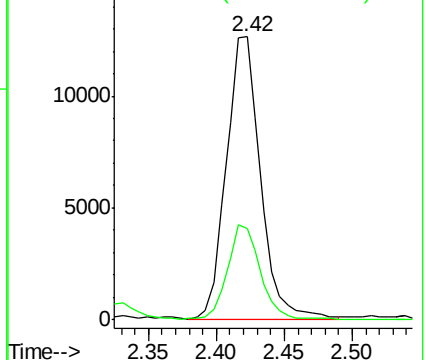
43 100

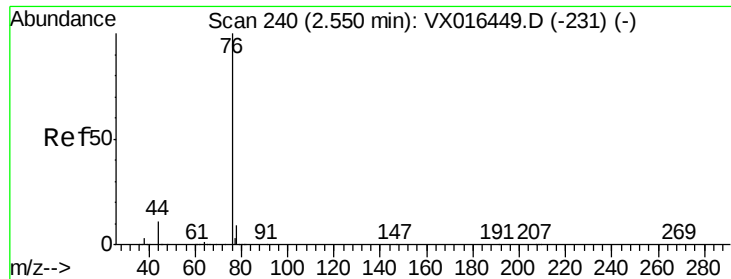
58 32.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

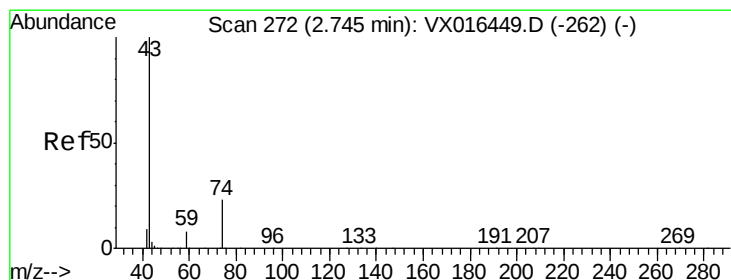
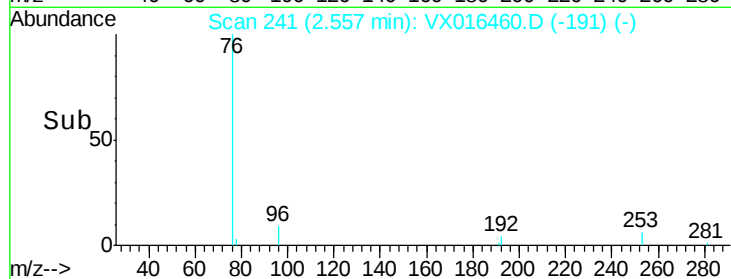
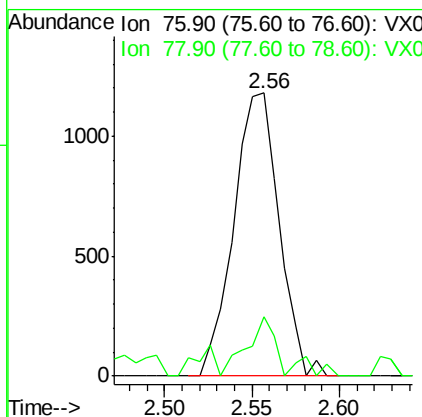
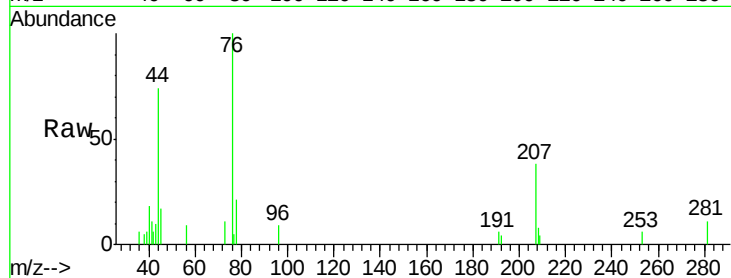




#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

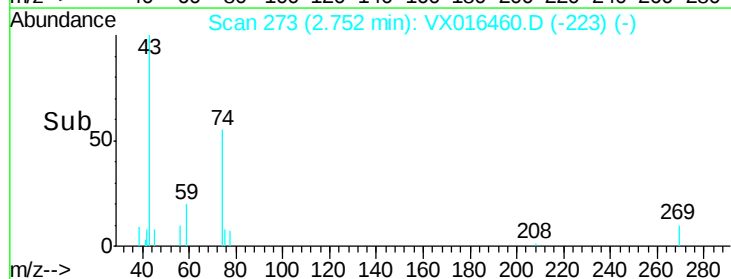
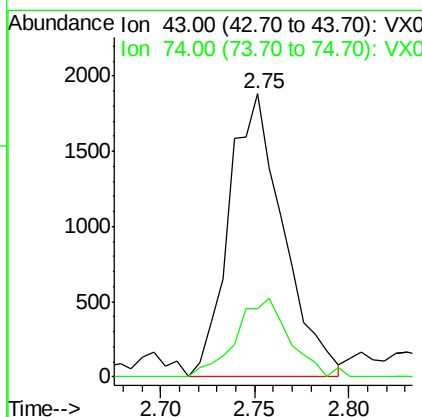
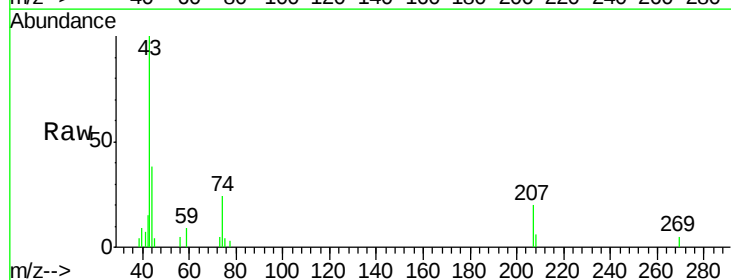
Instrument :
MSVOA_X
ClientSampled :
PB129128TB

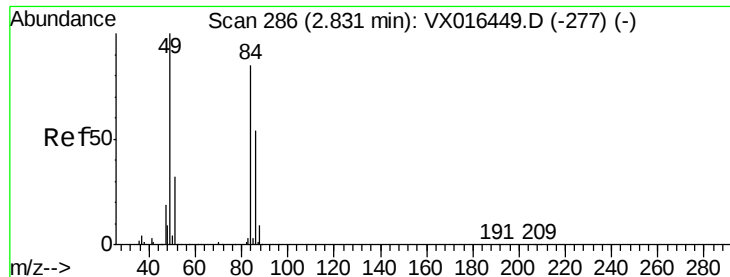
Tot Ion: 76 Resp: 2131
Ion Ratio Lower Upper
76 100
78 21.1 7.4 11.0#



#18
Methyl Acetate
Concen: 0.964 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
74 27.4 19.7 29.5

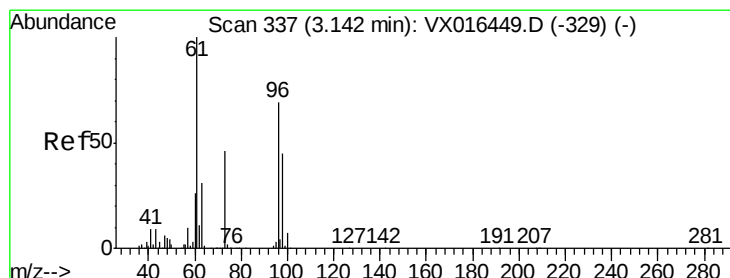
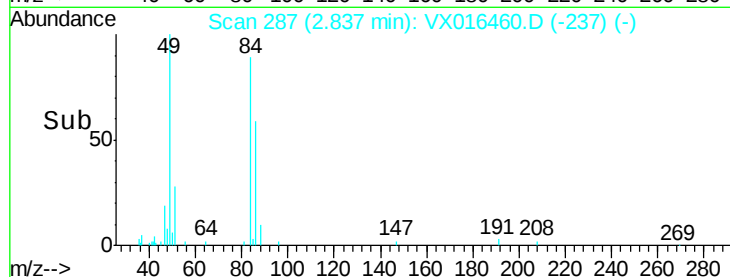
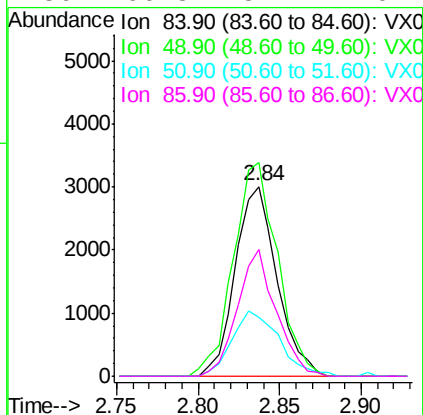
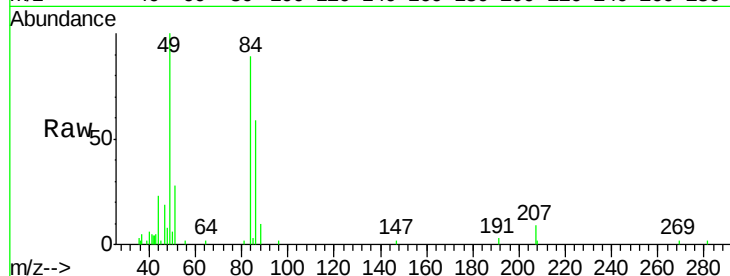




#20
Methvlene Chloride
Concen: 1.703 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

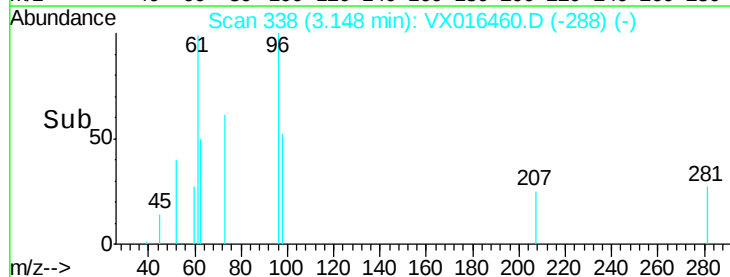
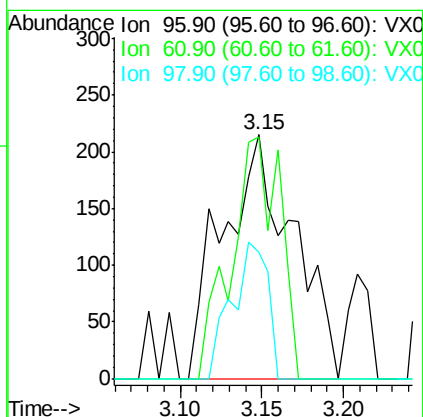
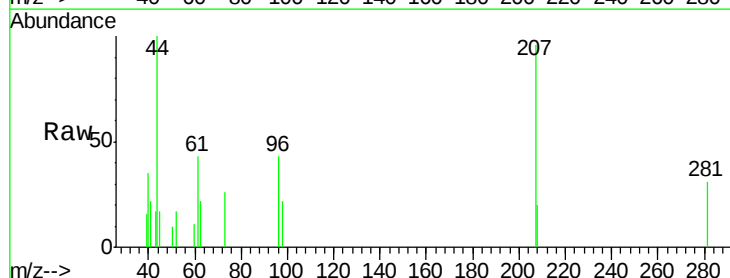
Instrument :
MSVOA_X
ClientSampleId :
PB129128TB

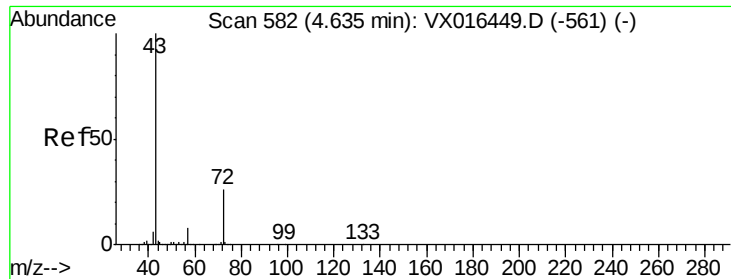
Tot Ion:	84	Resp:	5367
Ion	Ratio	Lower	Upper
84	100		
49	112.5	94.5	141.7
51	31.1	30.2	45.4
86	66.8	51.1	76.7



#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

Tgt Ion:	96	Resp:	650
Ion	Ratio	Lower	Upper
96	100		
61	99.1	115.3	172.9#
98	51.6	51.9	77.9#





#25

2-Butanone

Concen: 1.612 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampled :

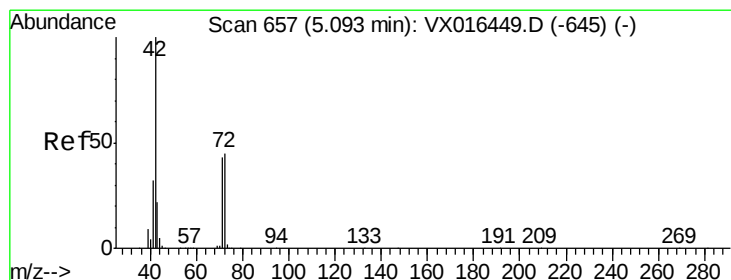
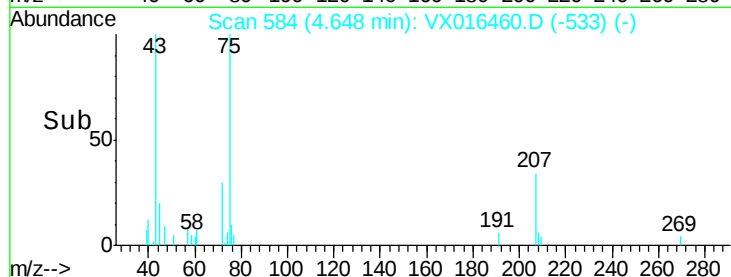
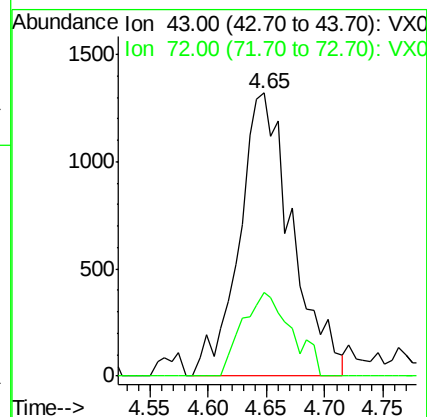
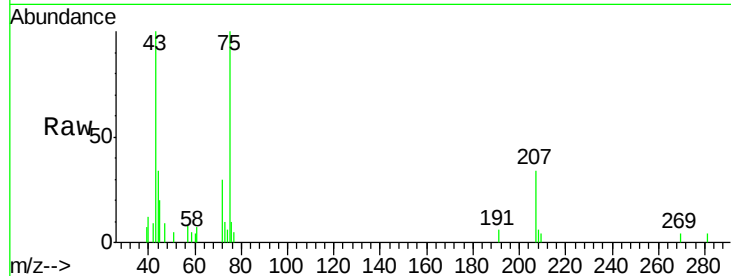
PB129128TB

Tot Ion: 43 Resp: 4160

Ion Ratio Lower Upper

43 100

72 29.6 21.0 31.6



#29

Tetrahydrofuran

Concen: 0.488 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

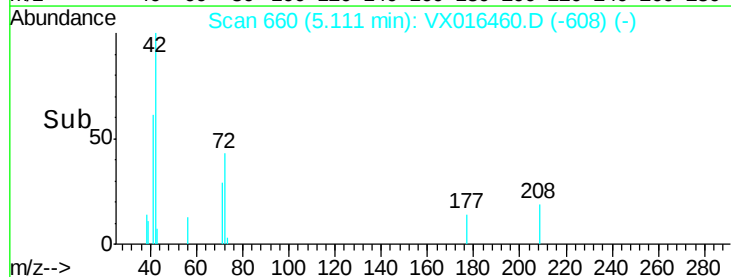
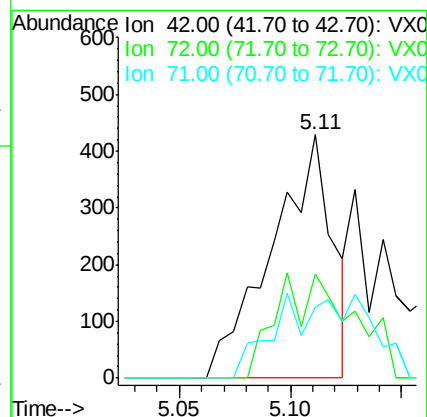
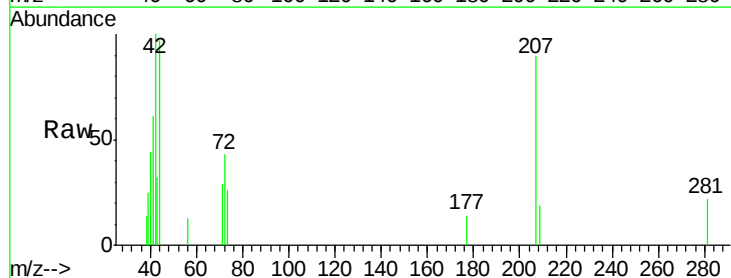
Tgt Ion: 42 Resp: 813

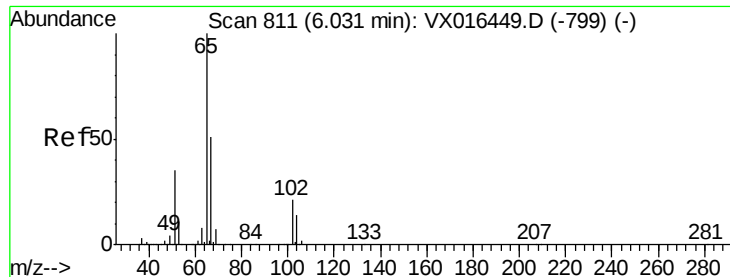
Ion Ratio Lower Upper

42 100

72 20.4 37.0 55.4#

71 18.7 34.1 51.1#





#33

1,2-Dichloroethane-d4

Concen: 47.383 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

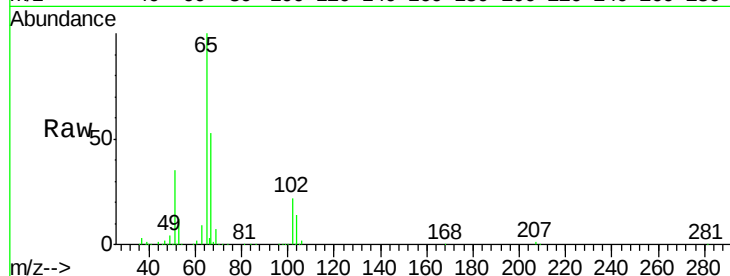
PB129128TB

Tot Ion: 65 Resp: 164728

Ion Ratio Lower Upper

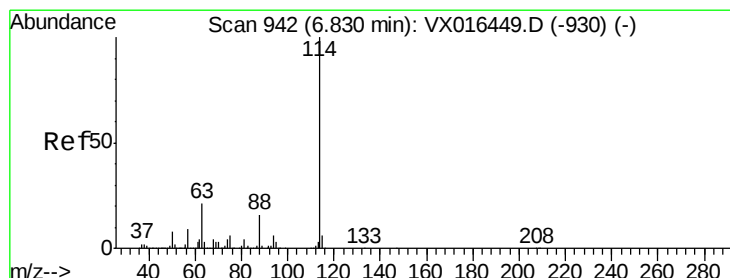
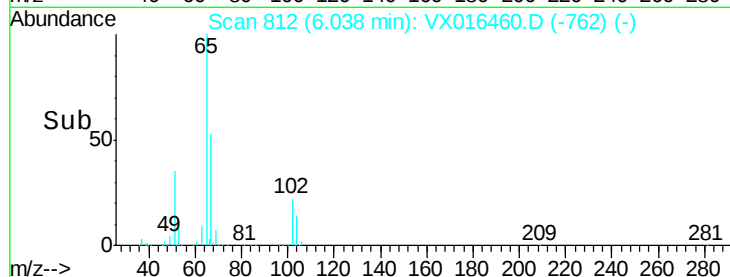
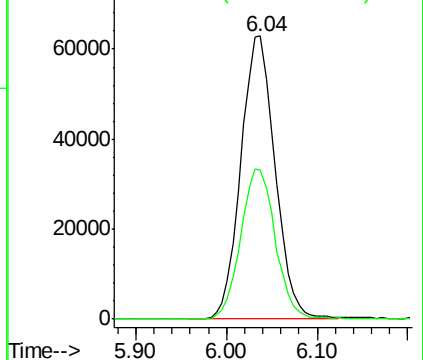
65 100

67 53.6 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

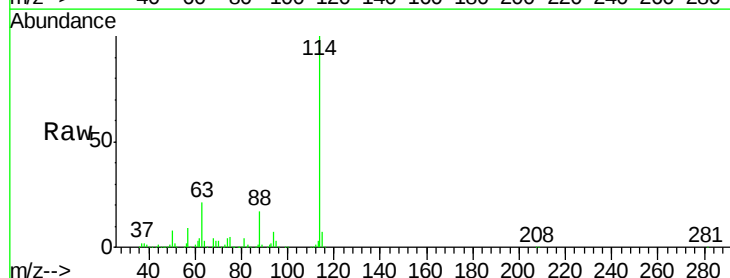
Tgt Ion: 114 Resp: 449339

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

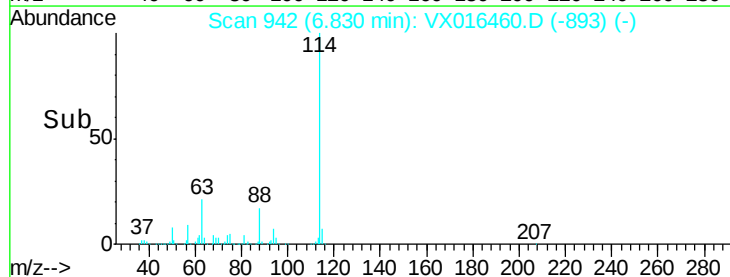
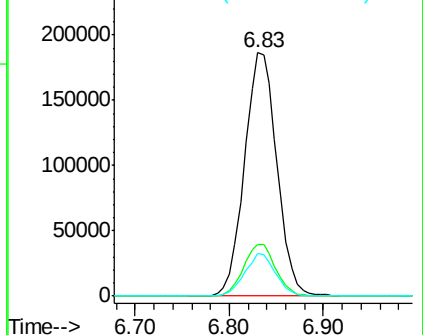
88 17.4 0.0 32.8

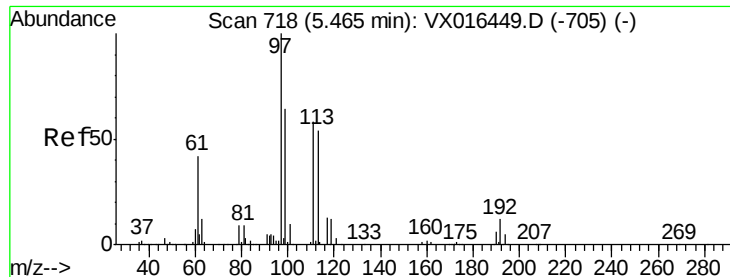


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.652 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

PB129128TB

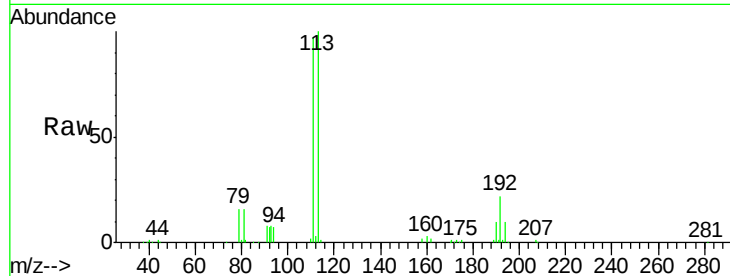
Tot Ion:113 Resp: 131844

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

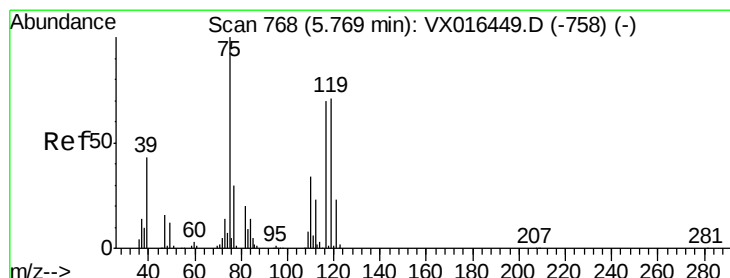
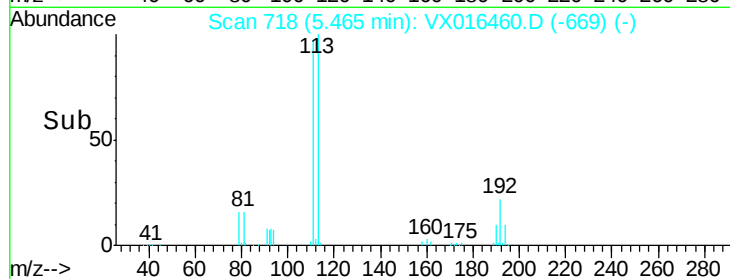
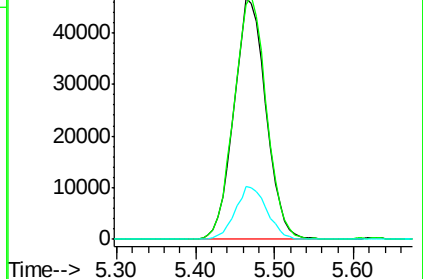
192 21.5 17.7 26.5



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: 4.975 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

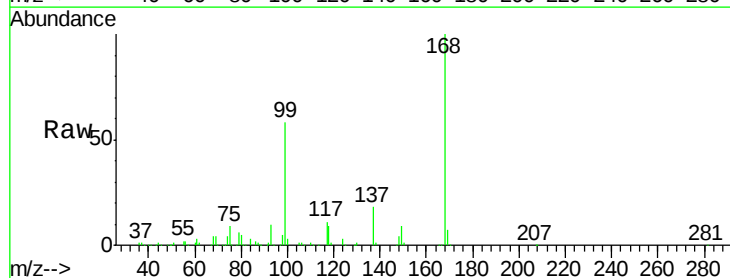
Tgt Ion: 75 Resp: 21166

Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.3#

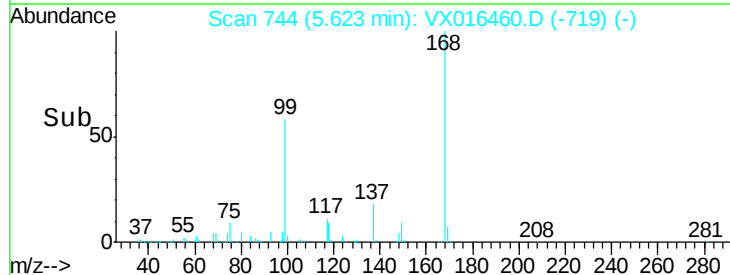
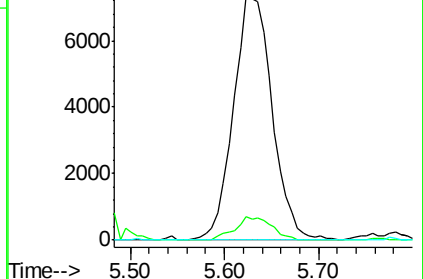
77 0.0 24.2 36.4#

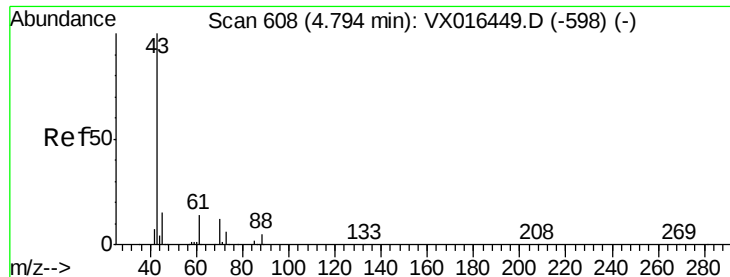


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

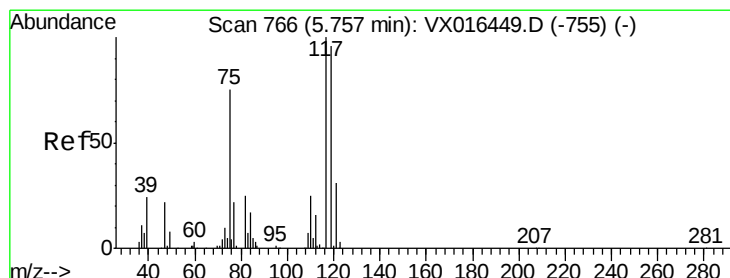
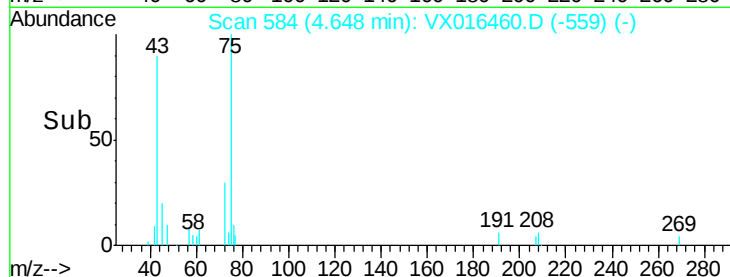
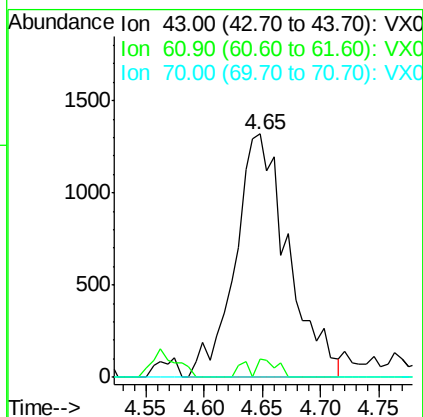
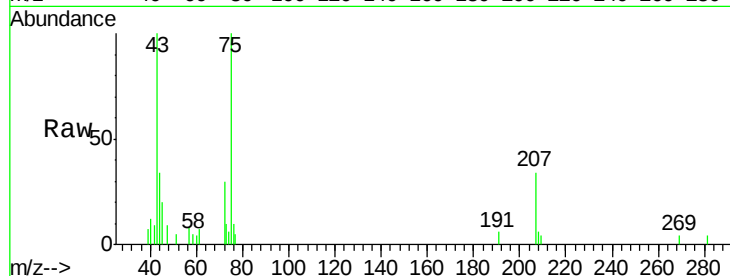




#37
Ethyl Acetate
Concen: 0.814 ug/l
RT: 4.65 min Scan# 584
Delta R.T. -0.15 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

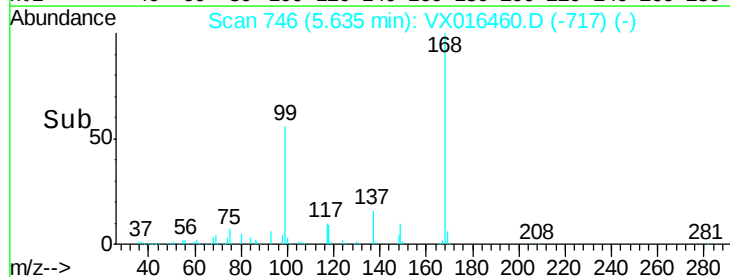
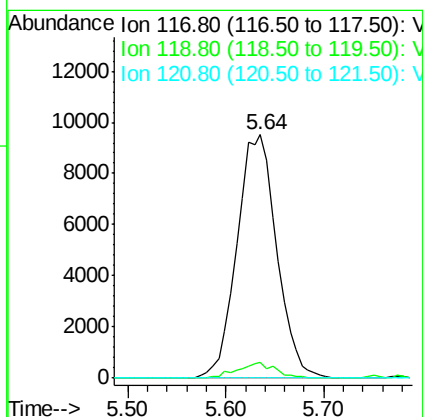
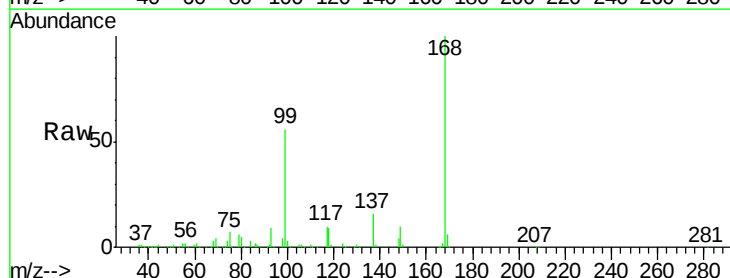
Instrument :
MSVOA_X
ClientSampleId :
PB129128TB

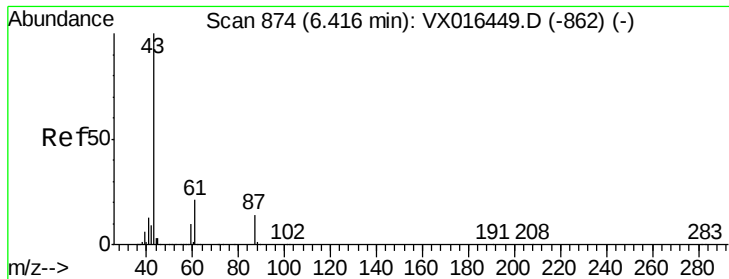
Tot Ion	43	Resp	4160
Ion Ratio	Lower	Upper	
43	100		
61	2.8	11.3	16.9#
70	0.0	9.3	13.9#



#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

Tgt Ion	117	Resp	26777
Ion Ratio	Lower	Upper	
117	100		
119	6.6	76.3	114.5#
121	0.0	24.6	37.0#



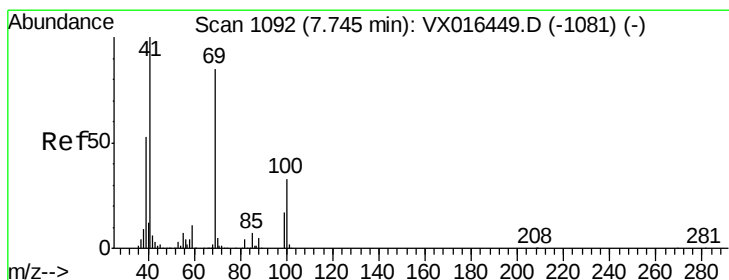
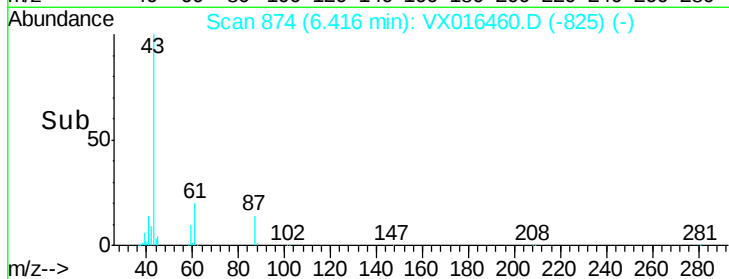
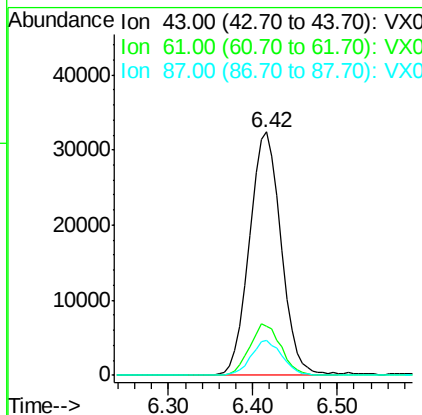
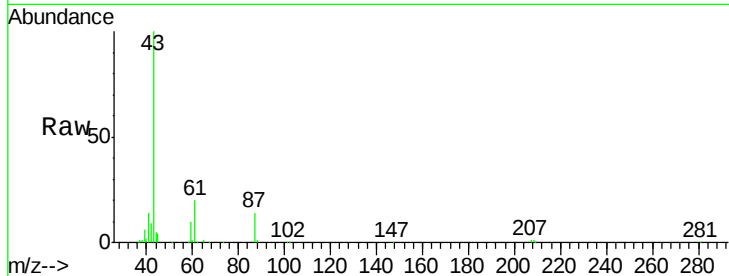


#43

Isopropyl Acetate
 Concen: 10.415 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016460.D
 Acq: 27 May 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129128TB

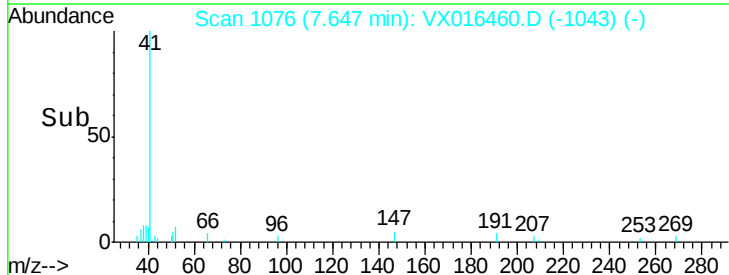
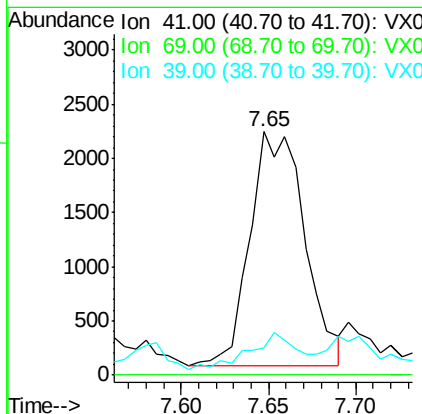
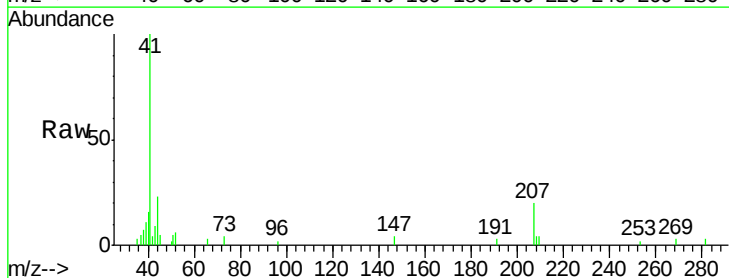
Tot Ion	43	Resp	82980
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	14.1	11.2	16.8

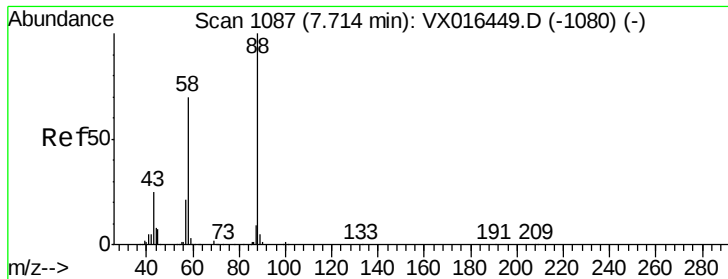


#48

Methyl methacrylate
 Concen: 1.224 ug/l
 RT: 7.65 min Scan# 1076
 Delta R.T. -0.10 min
 Lab File: VX016460.D
 Acq: 27 May 2020 21:01

Tgt Ion	41	Resp	4670
Ion Ratio	Lower	Upper	
41	100		
69	0.0	68.6	102.8#
39	0.0	42.4	63.6#





#49

1,4-Dioxane

Concen: 3.114 ug/l

RT: 7.85 min Scan# 1110

Delta R.T. 0.14 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

PB129128TB

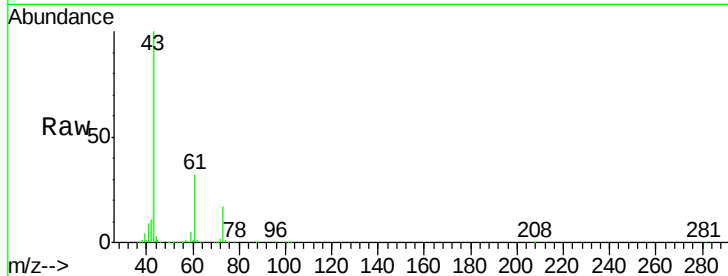
Tot Ion: 88 Resp: 278

Ion Ratio Lower Upper

88 100

43 521678.1 24.2 36.4#

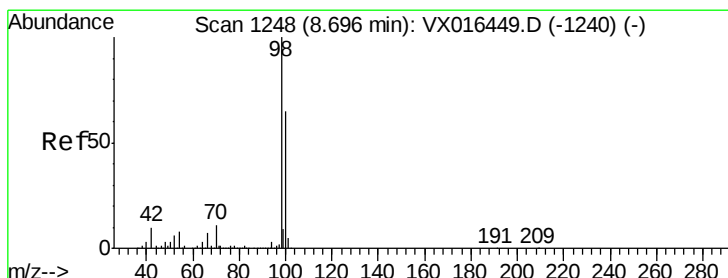
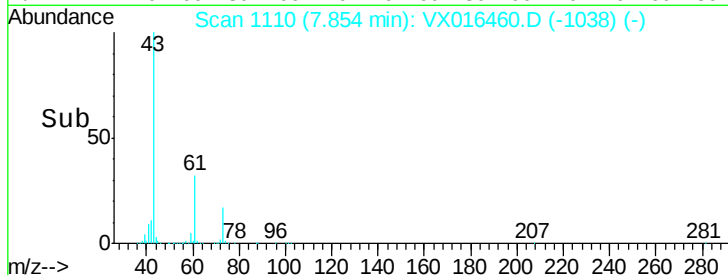
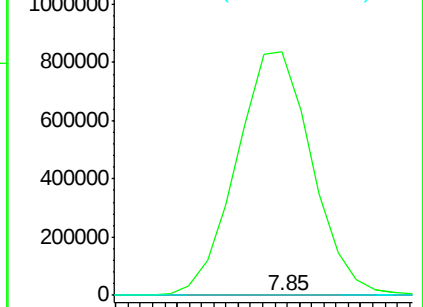
58 2251.4 56.5 84.7#



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: 52.283 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016460.D

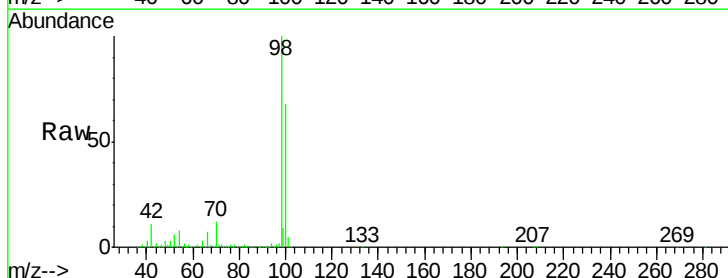
Acq: 27 May 2020 21:01

Tgt Ion: 98 Resp: 563034

Ion Ratio Lower Upper

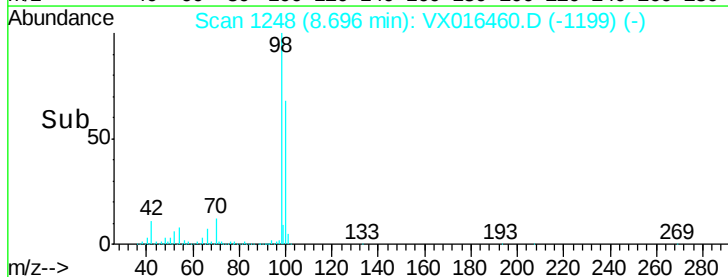
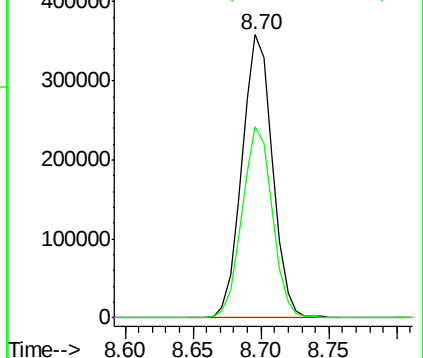
98 100

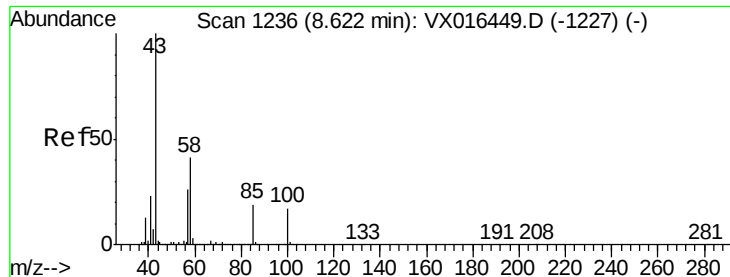
100 67.1 53.8 80.6



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: 15.396 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

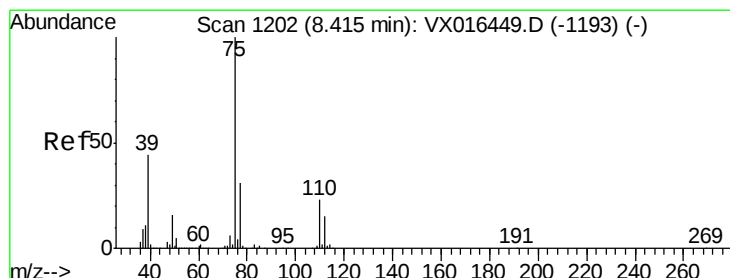
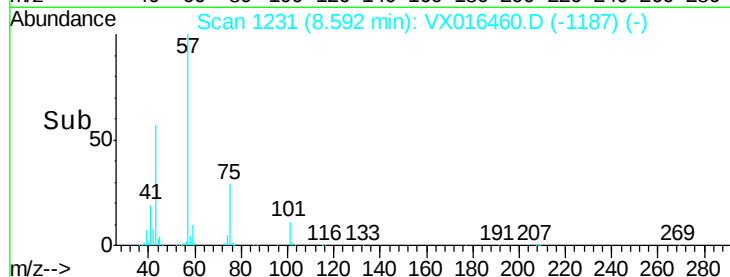
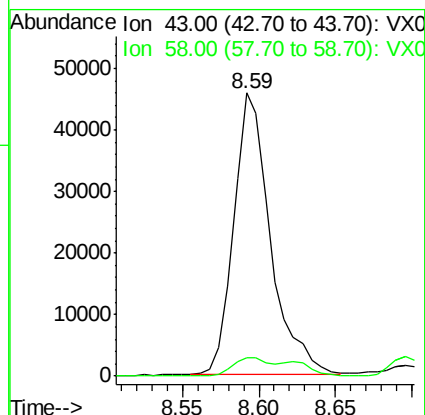
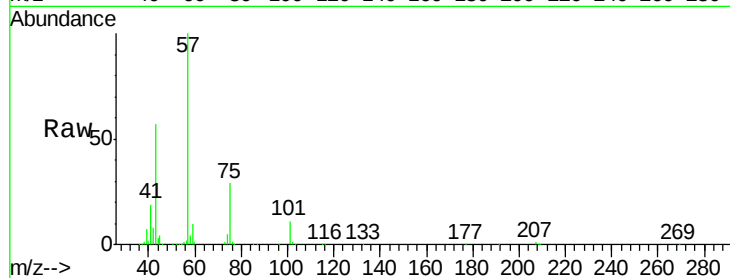
PB129128TB

Tot Ion: 43 Resp: 76379

Ion Ratio Lower Upper

43 100

58 6.7 33.0 49.6#



#54

cis-1,3-Dichloropropene

Concen: 6.604 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

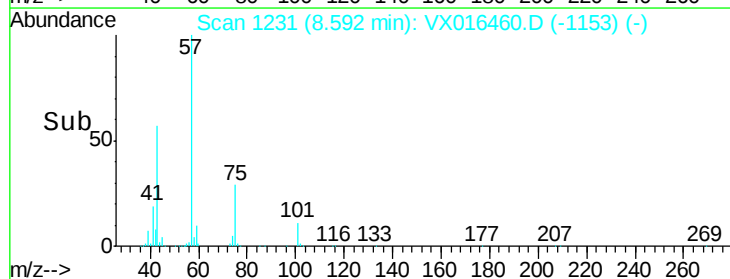
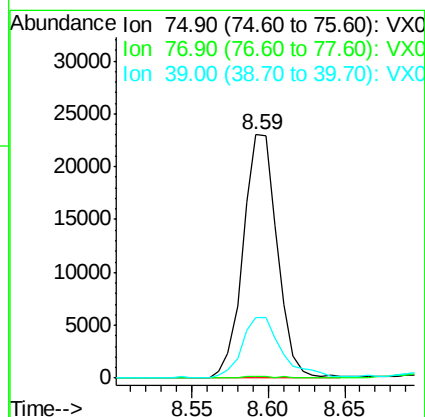
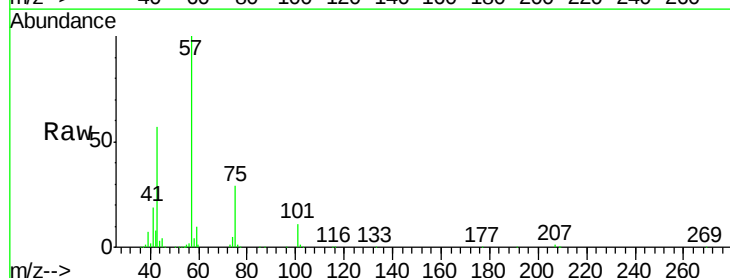
Tgt Ion: 75 Resp: 35655

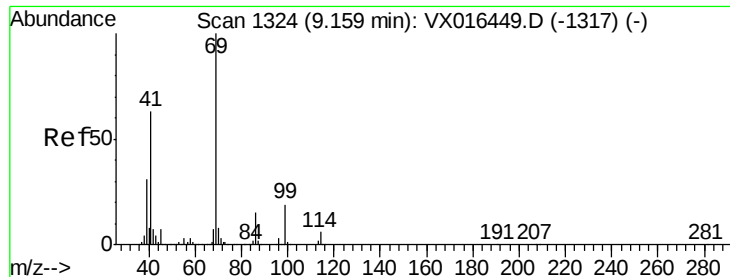
Ion Ratio Lower Upper

75 100

77 0.7 24.6 36.8#

39 24.5 35.3 52.9#





#56

Ethyl methacrylate

Concen: 0.219 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampled :

PB129128TB

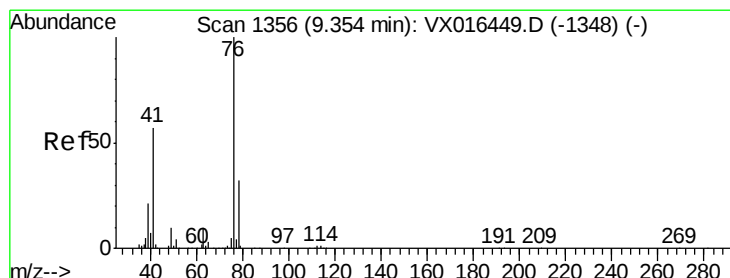
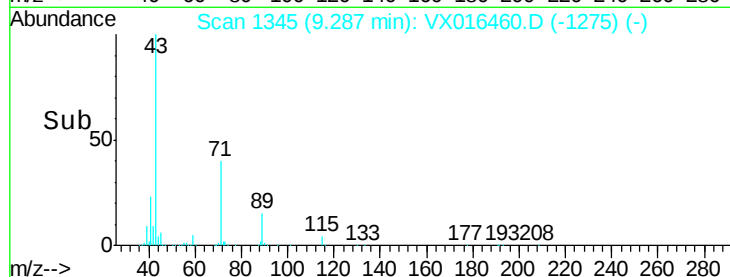
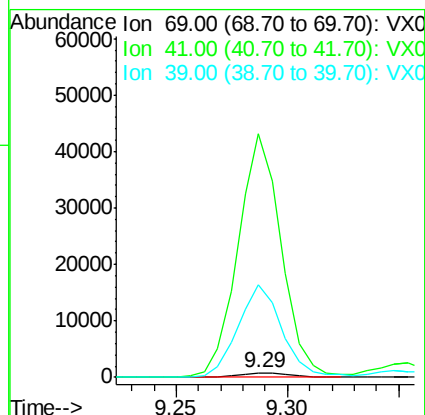
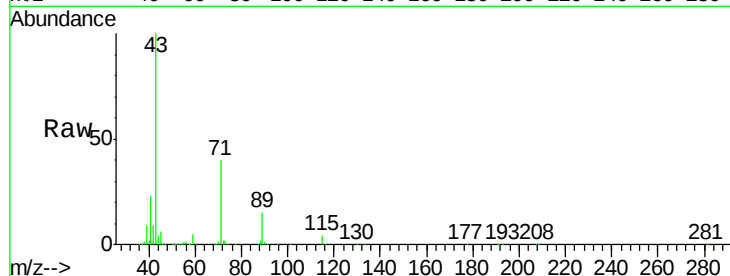
Tot Ion: 69 Resp: 1135

Ion Ratio Lower Upper

69 100

41 5188.5 50.7 76.1#

39 1974.6 25.8 38.6#



#57

1,3-Dichloropropane

Concen: 1.228 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016460.D

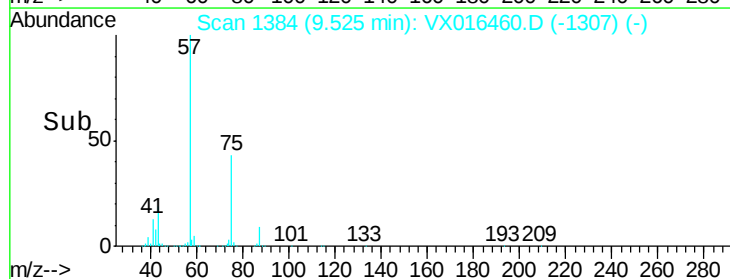
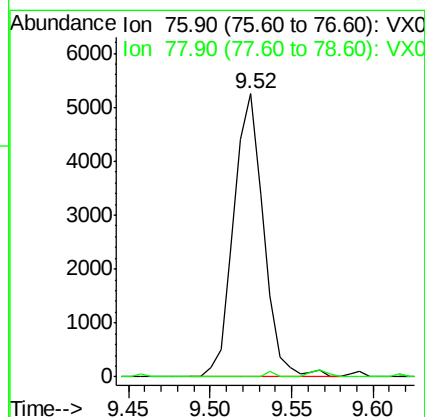
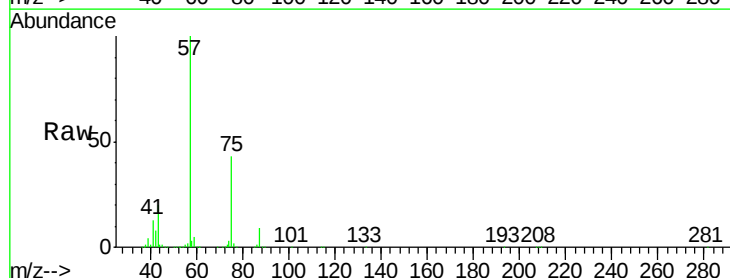
Acq: 27 May 2020 21:01

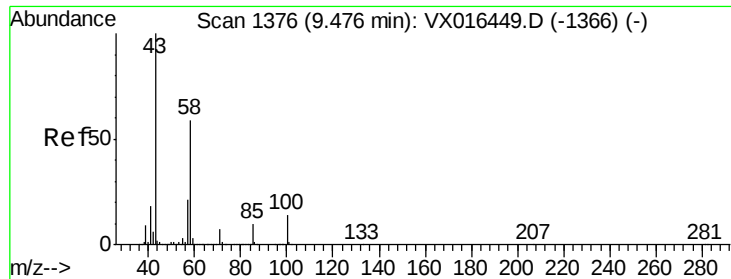
Tgt Ion: 76 Resp: 6693

Ion Ratio Lower Upper

76 100

78 0.5 26.2 39.4#

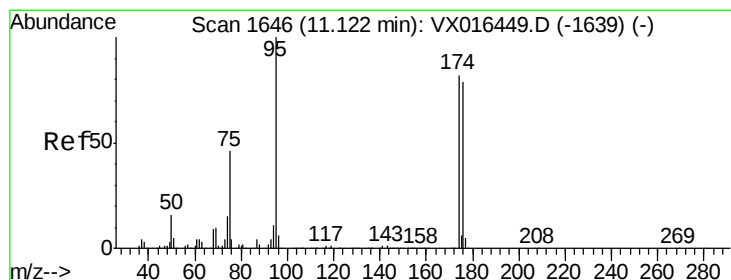
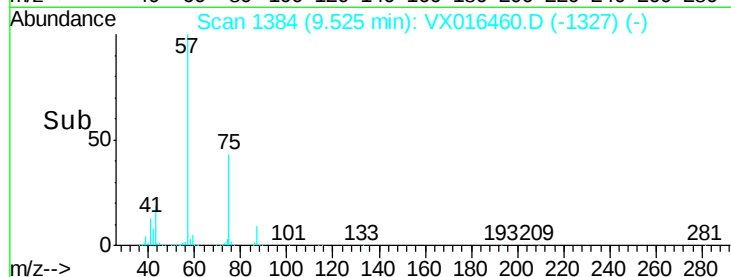
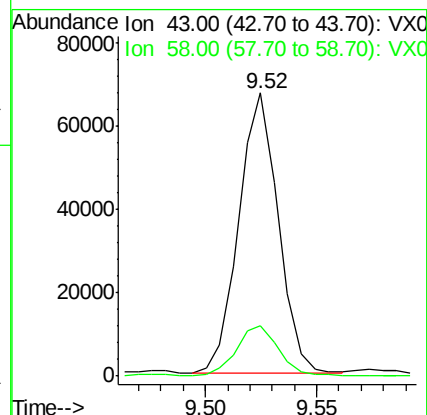
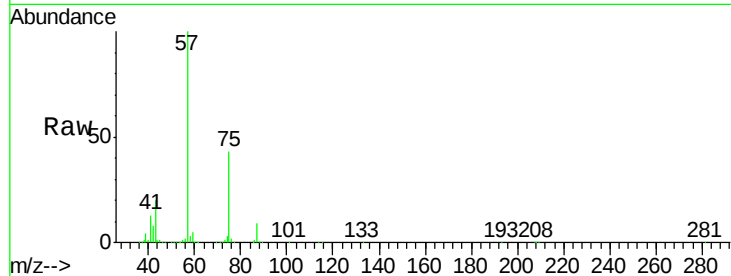




#59
2-Hexanone
Concen: 21.496 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

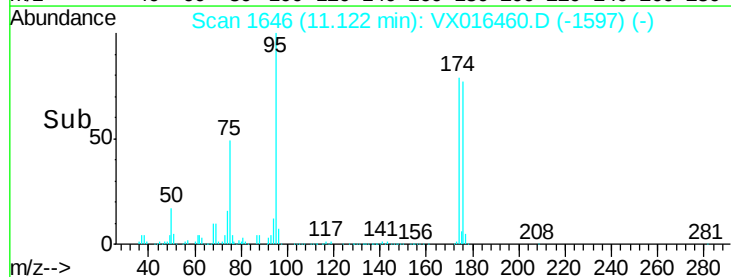
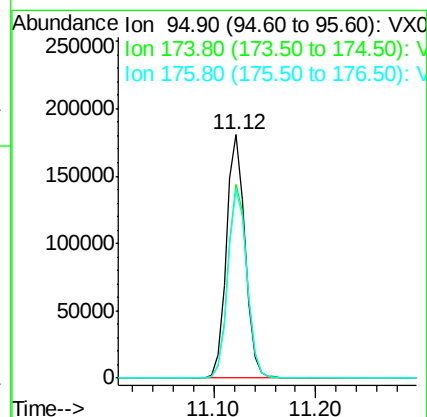
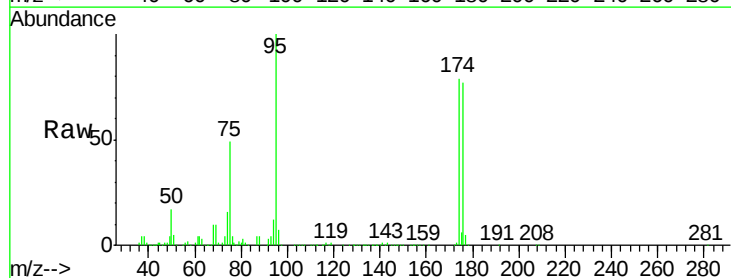
Instrument :
MSVOA_X
ClientSampleId :
PB129128TB

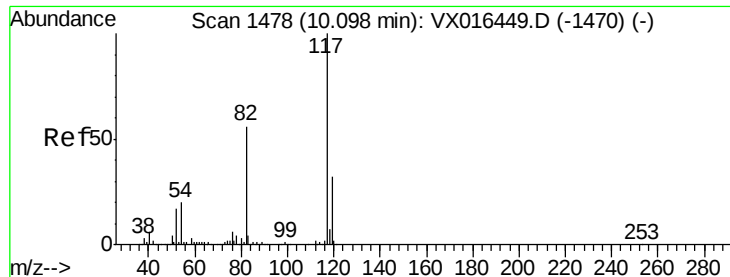
Tot Ion: 43 Resp: 82927
Ion Ratio Lower Upper
43 100
58 19.0 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: 55.445 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

Tgt Ion: 95 Resp: 230711
Ion Ratio Lower Upper
95 100
174 80.4 0.0 163.0
176 78.4 0.0 156.8

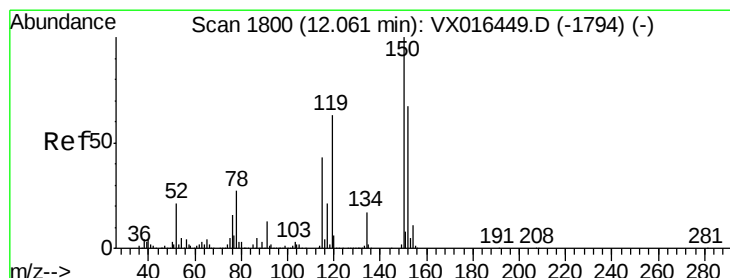
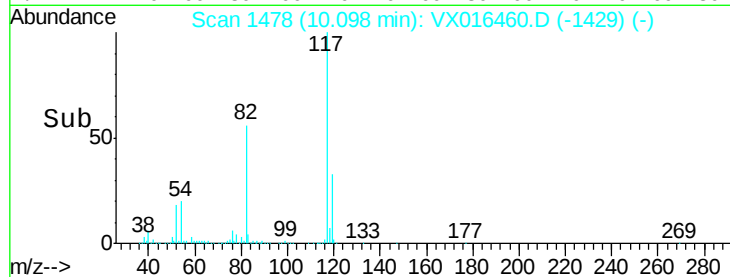
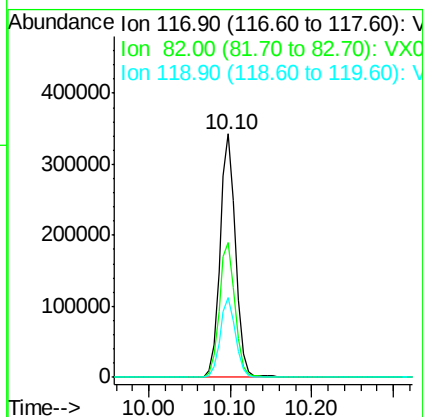
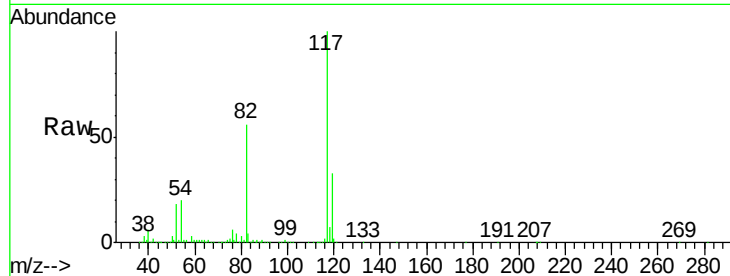




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

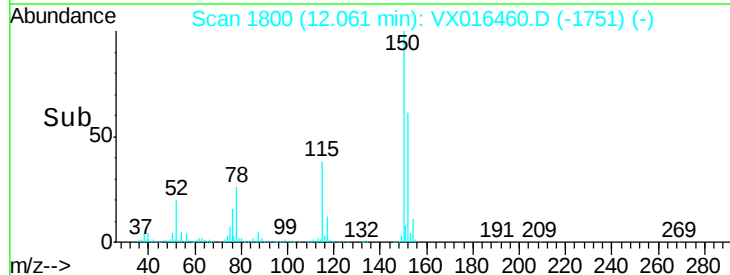
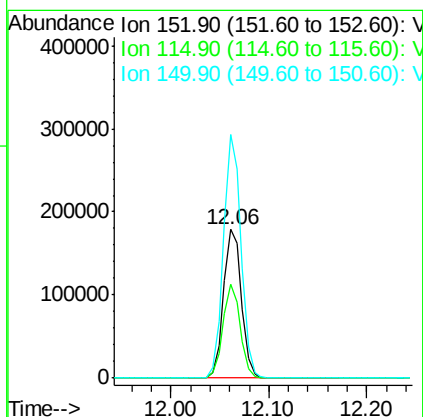
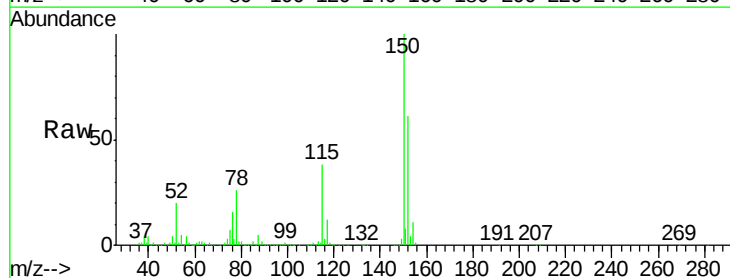
Instrument :
MSVOA_X
ClientSampleId :
PB129128TB

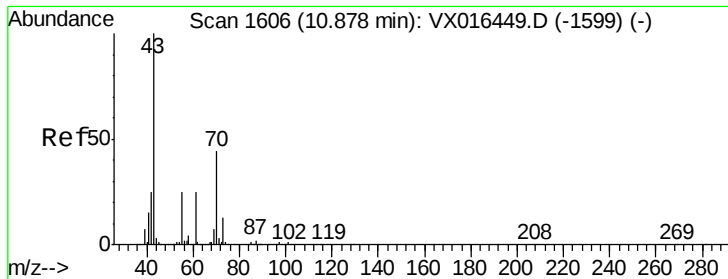
Tot Ion:117 Resp: 455364
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.6
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016460.D
Acq: 27 May 2020 21:01

Tgt Ion:152 Resp: 226373
Ion Ratio Lower Upper
152 100
115 60.9 39.9 119.6
150 160.7 0.0 341.0





#74

N-amvl acetate

Concen: 0.523 ug/l

RT: 10.81 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

PB129128TB

Tot Ion: 43 Resp: 3770

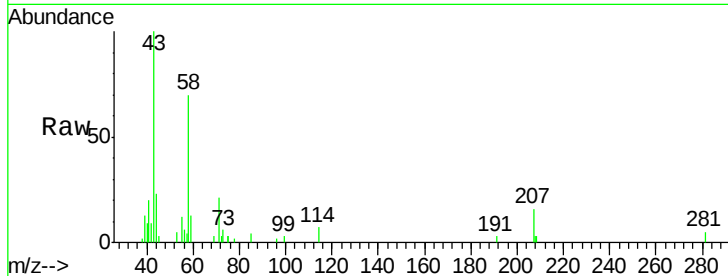
Ion Ratio Lower Upper

43 100

70 0.0 36.1 54.1#

55 11.6 20.2 30.4#

61 0.0 20.3 30.5#

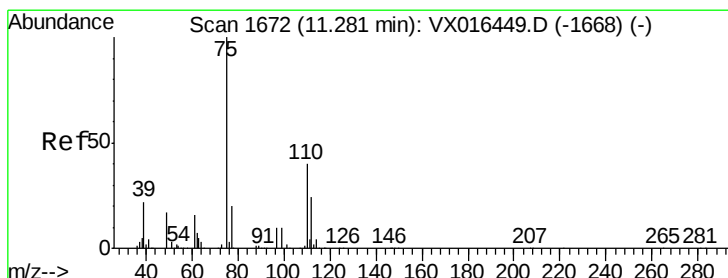
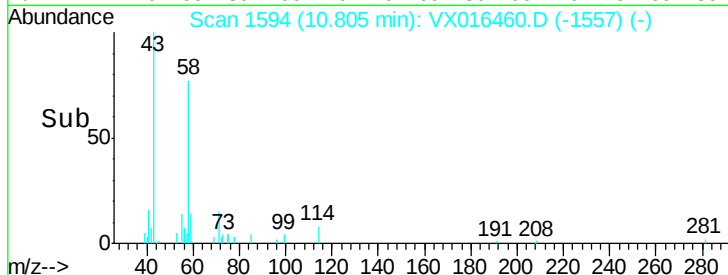
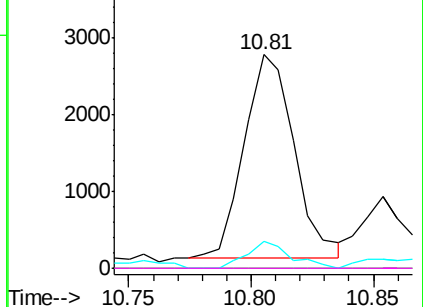


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 22.811 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016460.D

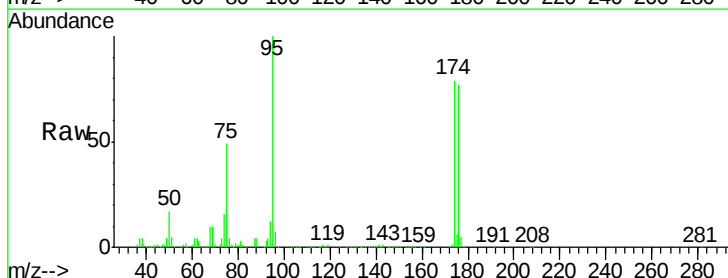
Acq: 27 May 2020 21:01

Tgt Ion: 75 Resp: 113503

Ion Ratio Lower Upper

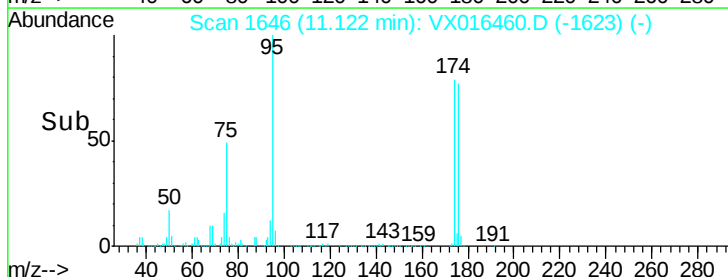
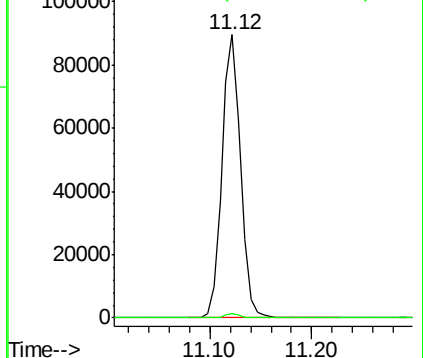
75 100

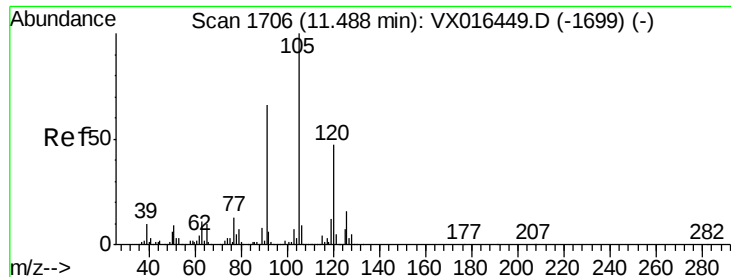
77 1.4 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.286 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

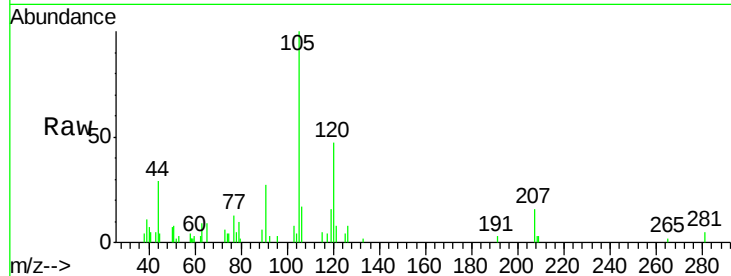
PB129128TB

Tot Ion:105 Resp: 3742

Ion Ratio Lower Upper

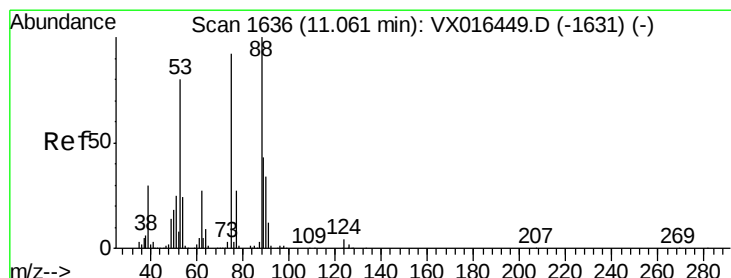
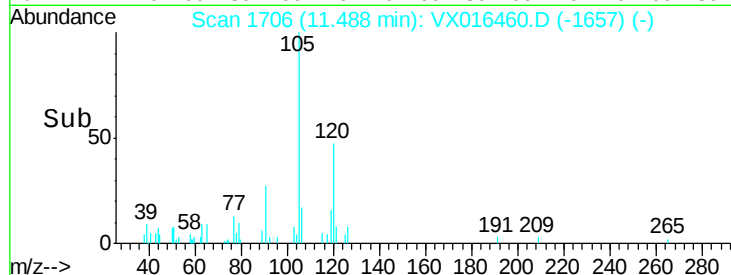
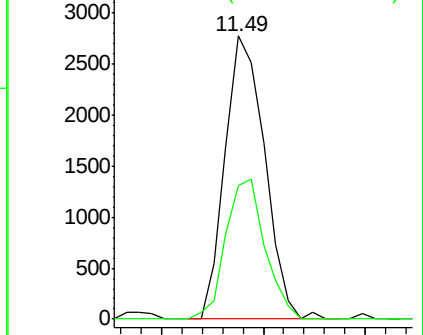
105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.112 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

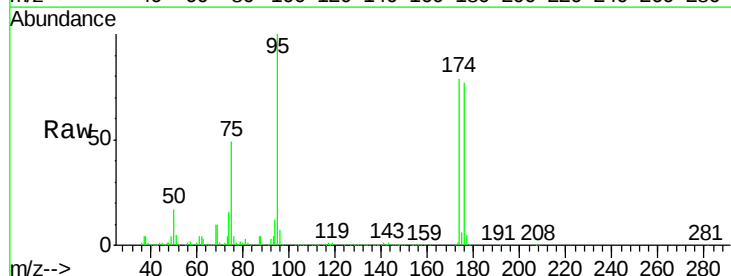
Tgt Ion: 75 Resp: 113503

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

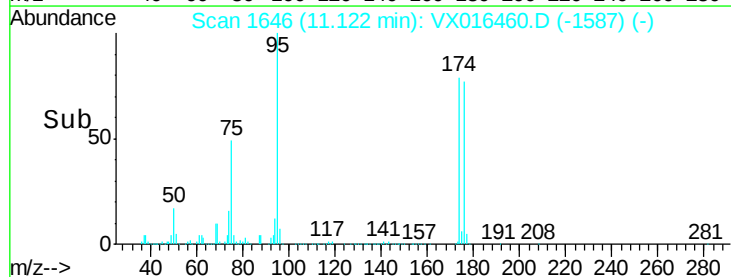
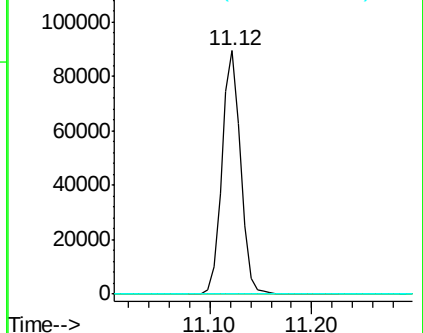
89 0.0 36.6 55.0#

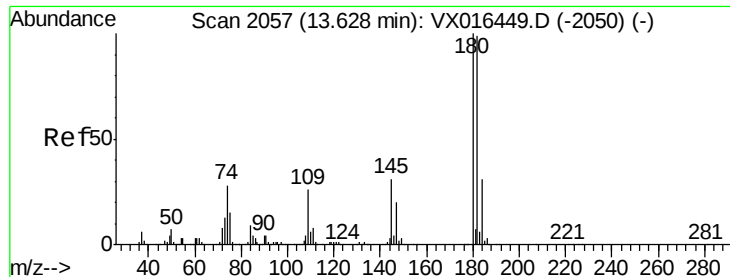


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#93

1,2,4-Trichlorobenzene

Concen: 0.252 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

PB129128TB

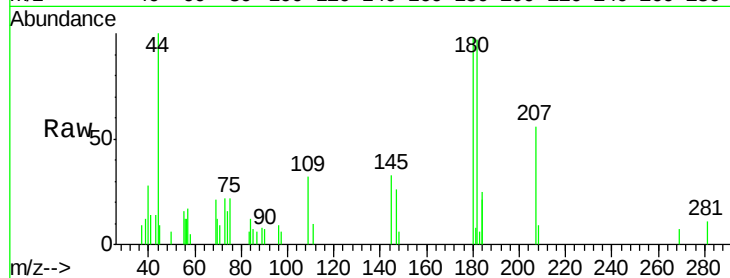
Tot Ion:180 Resp: 1157

Ion Ratio Lower Upper

180 100

182 97.9 48.3 144.8

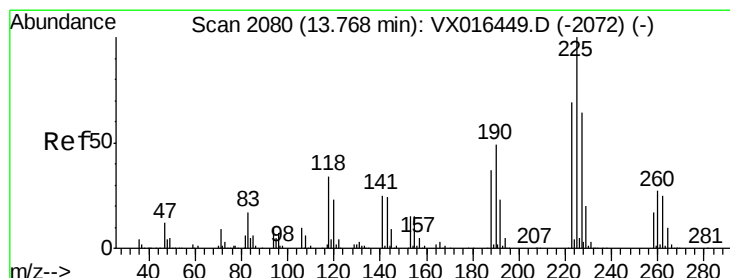
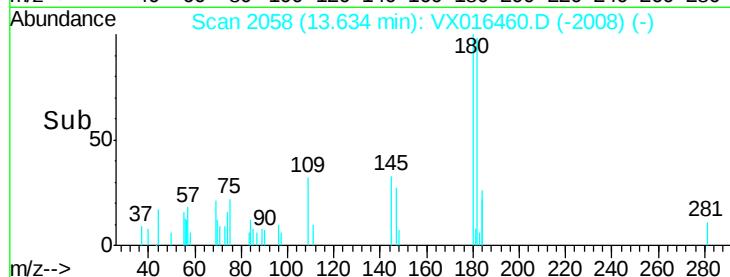
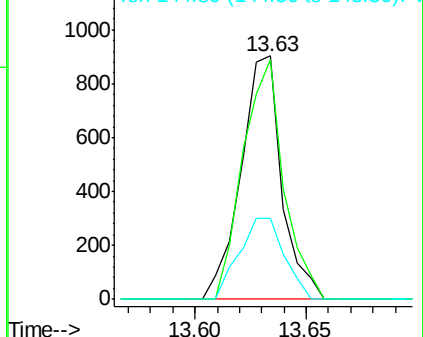
145 36.5 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.239 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016460.D

Acq: 27 May 2020 21:01

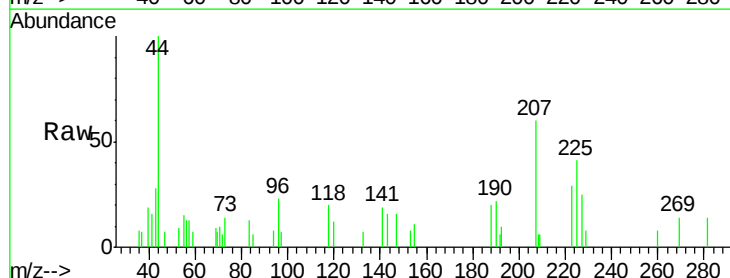
Tgt Ion:225 Resp: 430

Ion Ratio Lower Upper

225 100

223 92.8 32.3 96.8

227 73.3 31.6 94.7



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

