

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016199.D
 Acq On : 13 May 2020 23:46
 Operator : JC/SP
 Sample : PB128838TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838TB

Quant Time: May 14 04:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	276809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	452545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	168028	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
35) Dibromofluoromethane	5.47	113	134342	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.70	98	567790	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	226079	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	520	0.284	ug/l #	68
11) Tert butyl alcohol	3.01	59	1824	1.980	ug/l	100
13) Acrolein	2.28	56	792	1.374	ug/l #	62
15) Acrylonitrile	3.12	53	977	0.511	ug/l	91
16) Acetone	2.42	43	15431	9.494	ug/l	99
18) Methyl Acetate	2.75	43	3751	0.939	ug/l	94
20) Methylene Chloride	2.84	84	6435	1.921	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	851	0.265	ug/l #	59
25) 2-Butanone	4.64	43	9616	3.672	ug/l #	87
29) Tetrahydrofuran	5.10	42	1293	0.745	ug/l #	75
37) Ethyl Acetate	4.64	43	9707	1.880	ug/l #	68
38) Carbon Tetrachloride	5.64	117	26674	5.891	ug/l #	15
43) Isopropyl Acetate	6.42	43	84577	10.267	ug/l	99
48) Methyl methacrylate	7.65	41	5030	1.289	ug/l #	14
49) 1,4-Dioxane	7.85	88	282	3.012	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	80311	15.931	ug/l #	45
54) cis-1,3-Dichloropropene	8.60	75	38280	6.734	ug/l #	56
56) Ethyl methacrylate	9.29	69	1231	0.236	ug/l #	1
59) 2-Hexanone	9.52	43	83708	21.144	ug/l #	50
74) N-amyl acetate	10.81	43	4834	0.611	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.25	83	86	2.076	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	110714	20.932	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	4285	0.299	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	110714	49.882	ug/l #	13
89) n-Butylbenzene	12.37	91	3104	0.220	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	1840	0.328	ug/l	99
94) Hexachlorobutadiene	13.77	225	1180	1.008	ug/l	93
95) Naphthalene	13.82	128	3717	0.205	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1509	0.276	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

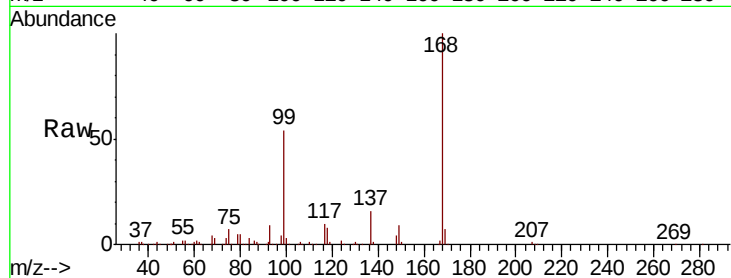
PB128838TB

Tot Ion:168 Resp: 276809

Ion Ratio Lower Upper

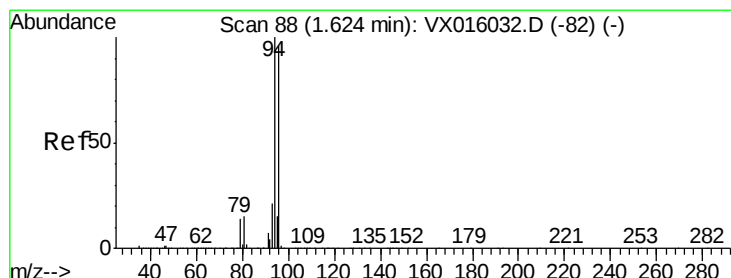
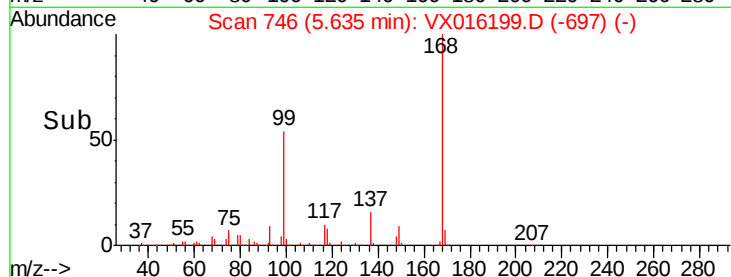
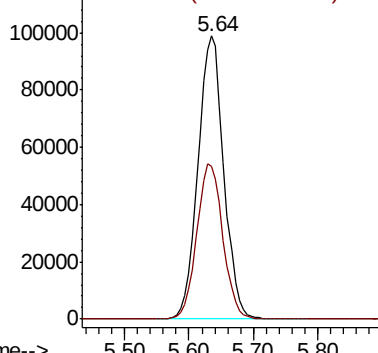
168 100

99 53.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.284 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016199.D

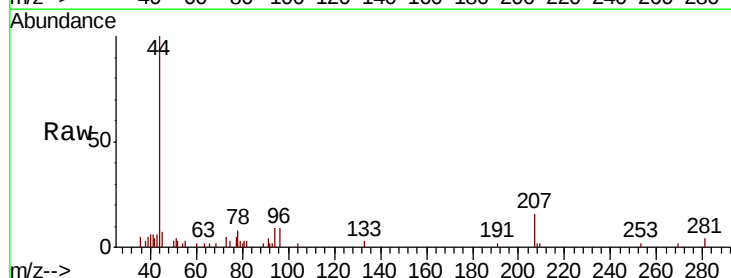
Acq: 13 May 2020 23:46

Tgt Ion: 94 Resp: 520

Ion Ratio Lower Upper

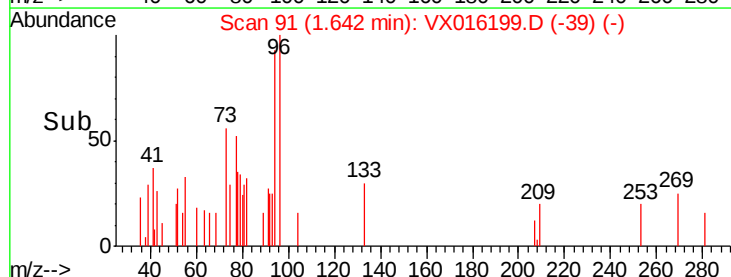
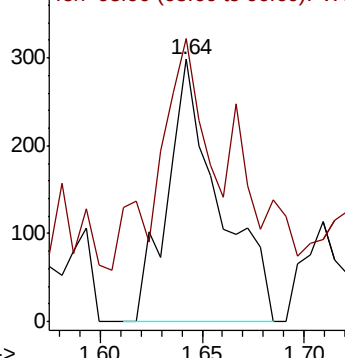
94 100

96 64.4 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



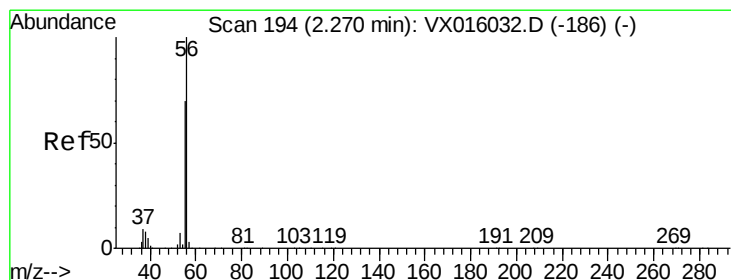
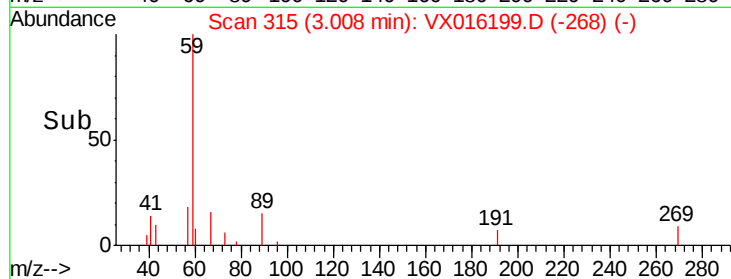
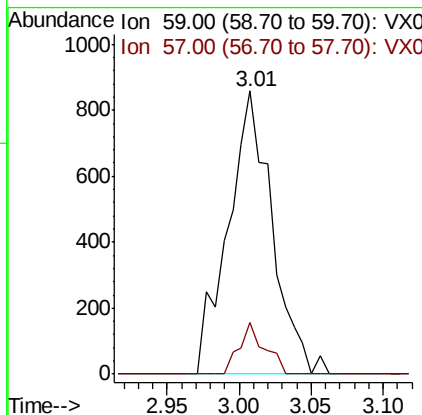
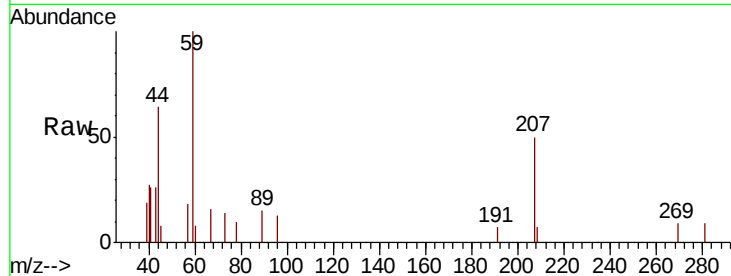


#11

Tert butyl alcohol
 Concen: 1.980 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016199.D
 Acq: 13 May 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838TB

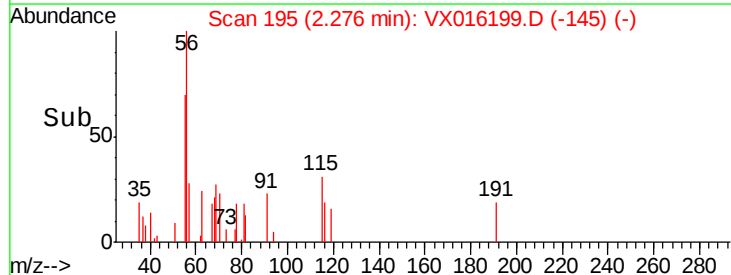
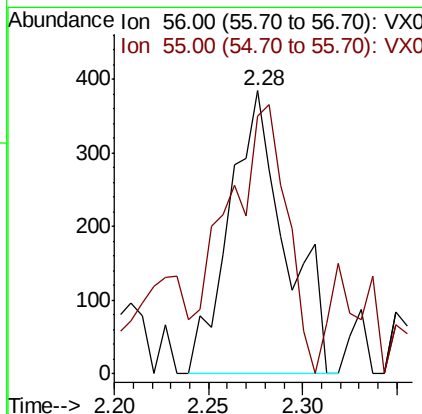
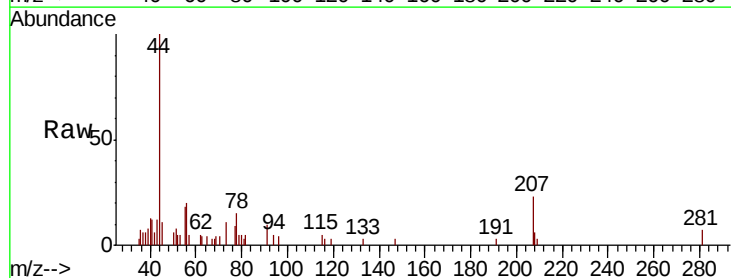
Tot Ion: 59 Resp: 1824
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

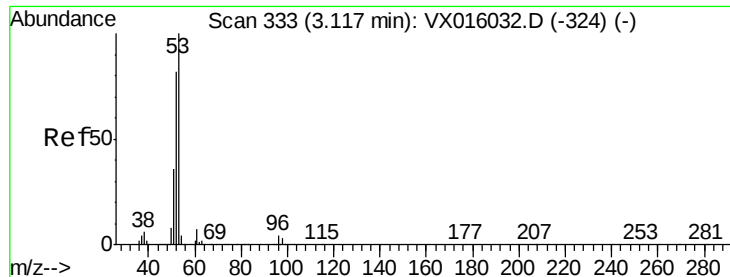


#13

Acrolein
 Concen: 1.374 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: VX016199.D
 Acq: 13 May 2020 23:46

Tgt Ion: 56 Resp: 792
 Ion Ratio Lower Upper
 56 100
 55 101.5 56.5 84.7#





#15

Acrylonitrile

Concen: 0.511 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

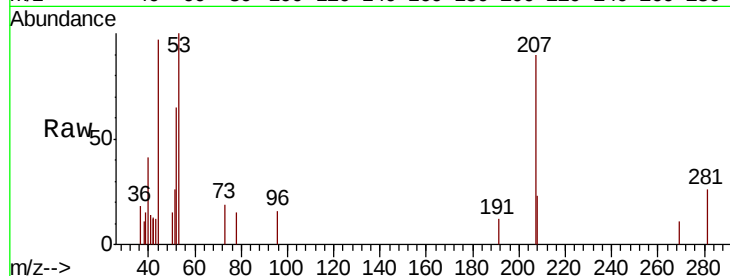
Tot Ion: 53 Resp: 977

Ion Ratio Lower Upper

53 100

52 74.6 66.1 99.1

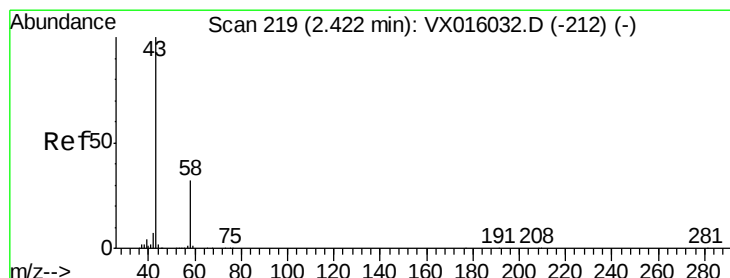
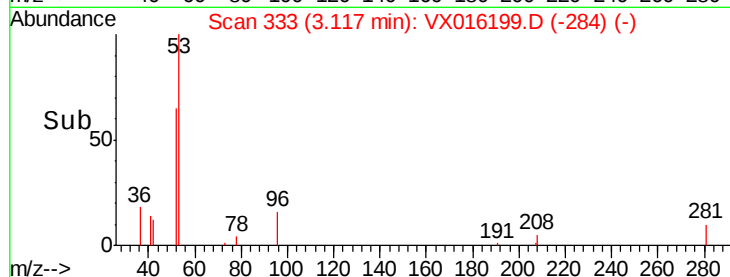
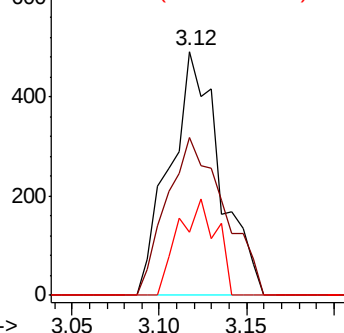
51 30.4 28.8 43.2



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: 9.494 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016199.D

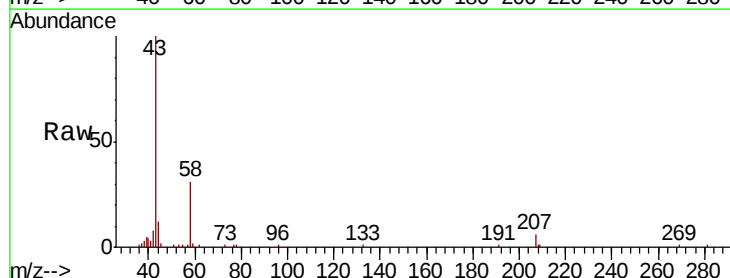
Acq: 13 May 2020 23:46

Tgt Ion: 43 Resp: 15431

Ion Ratio Lower Upper

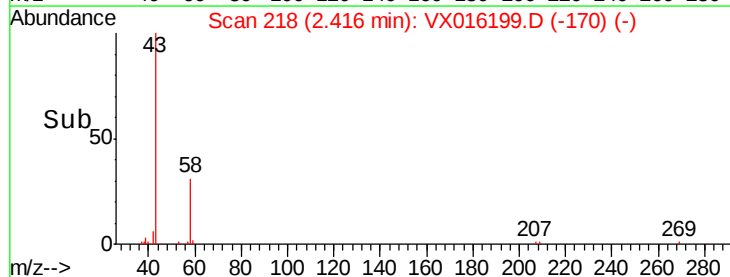
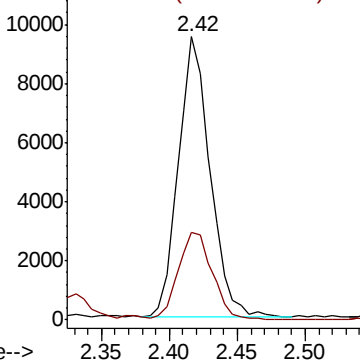
43 100

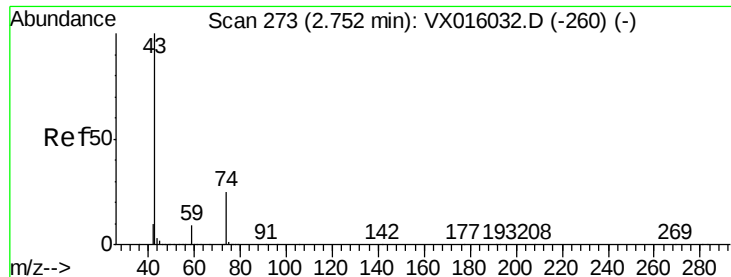
58 31.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

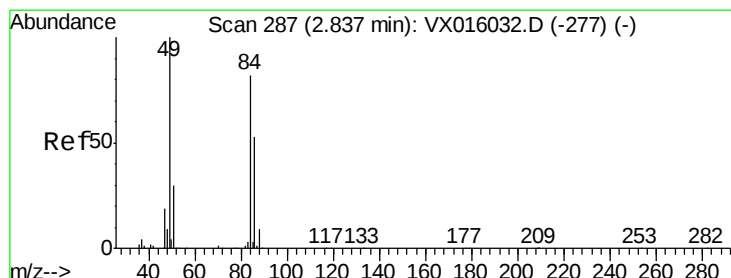
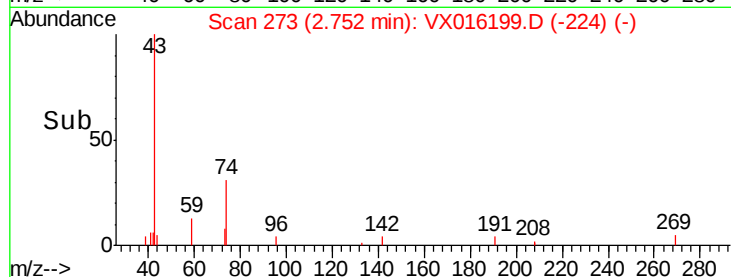
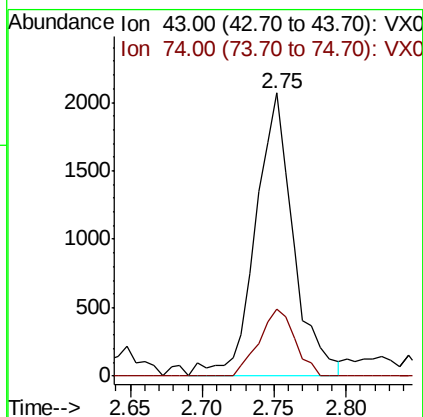
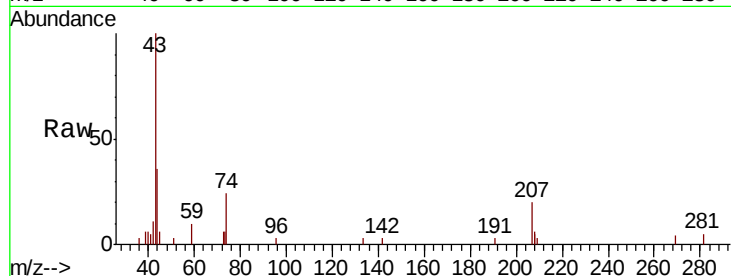




#18
Methyl Acetate
Concen: 0.939 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

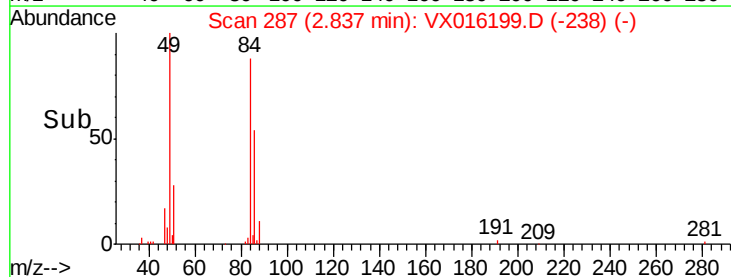
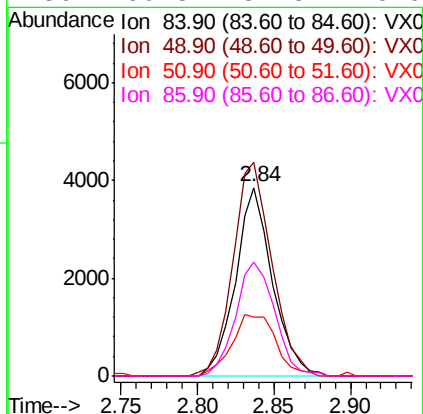
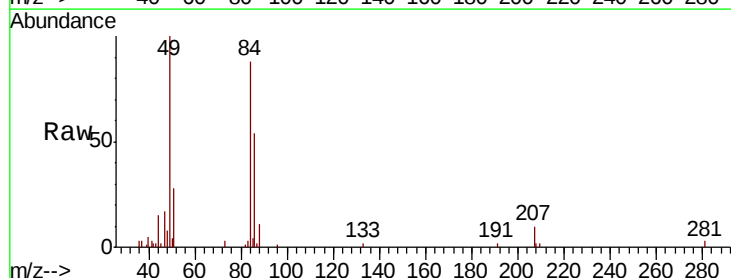
Instrument :
MSVOA_X
ClientSampleId :
PB128838TB

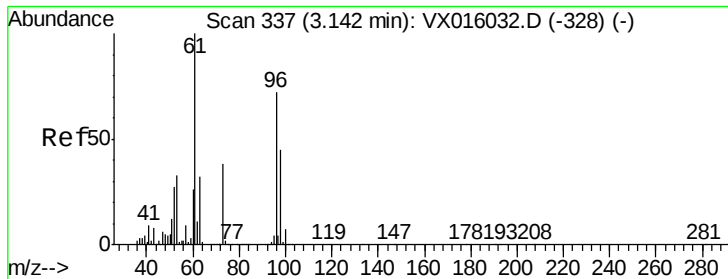
Tot Ion: 43 Resp: 3751
Ion Ratio Lower Upper
43 100
74 22.3 20.2 30.2



#20
Methylene Chloride
Concen: 1.921 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

Tgt Ion: 84 Resp: 6435
Ion Ratio Lower Upper
84 100
49 113.4 97.3 145.9
51 31.6 29.3 43.9
86 60.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.265 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.01 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

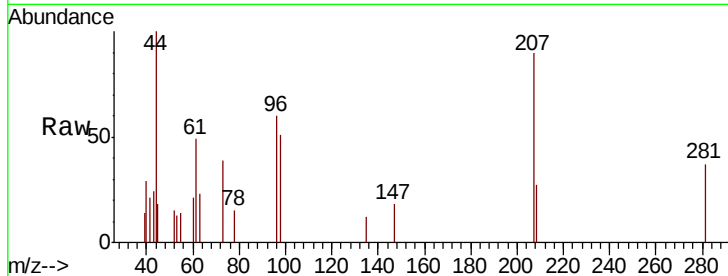
Tot Ion: 96 Resp: 851

Ion Ratio Lower Upper

96 100

61 82.2 111.2 166.8#

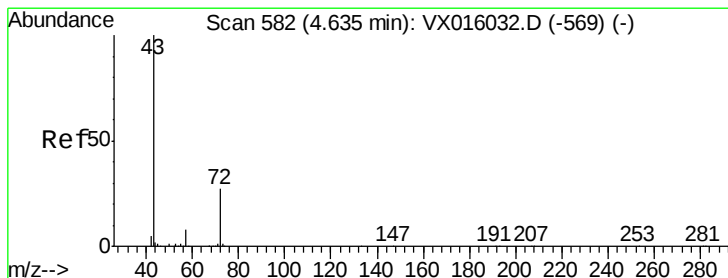
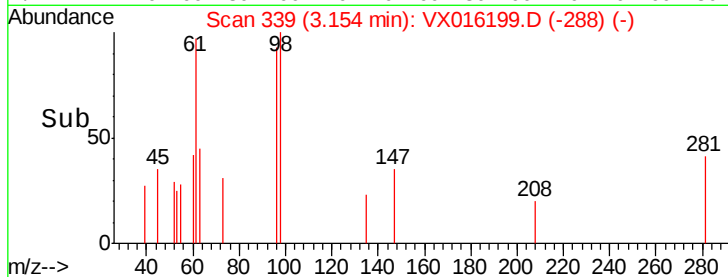
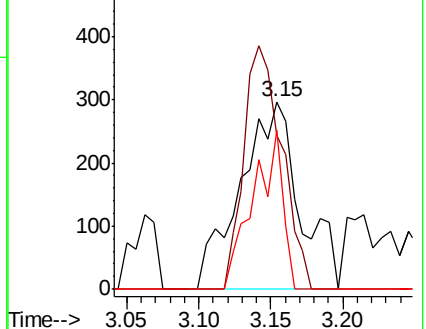
98 84.5 50.2 75.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 3.672 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016199.D

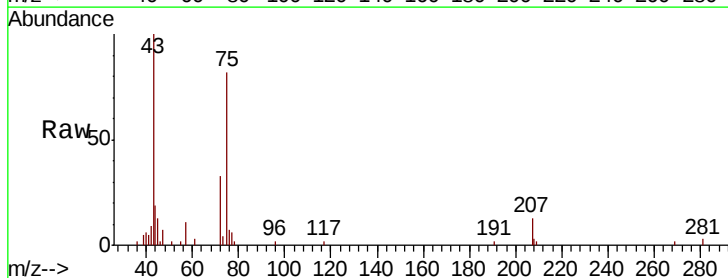
Acq: 13 May 2020 23:46

Tgt Ion: 43 Resp: 9616

Ion Ratio Lower Upper

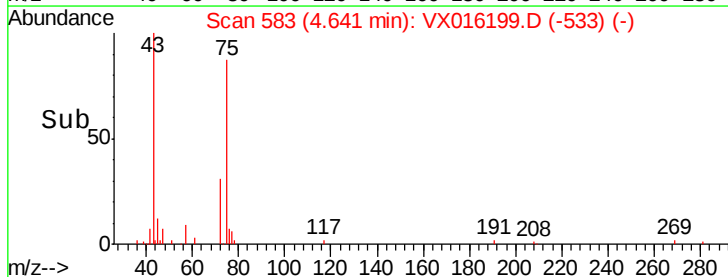
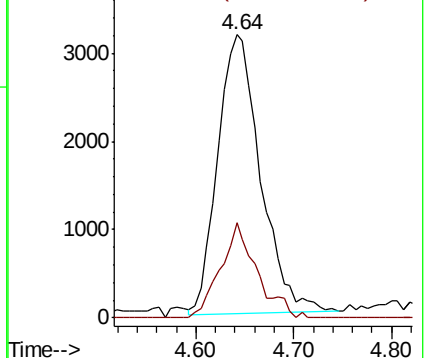
43 100

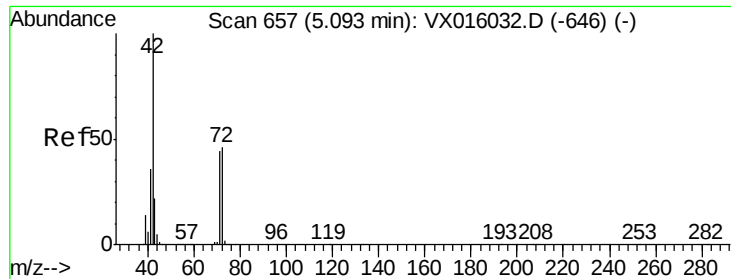
72 34.2 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

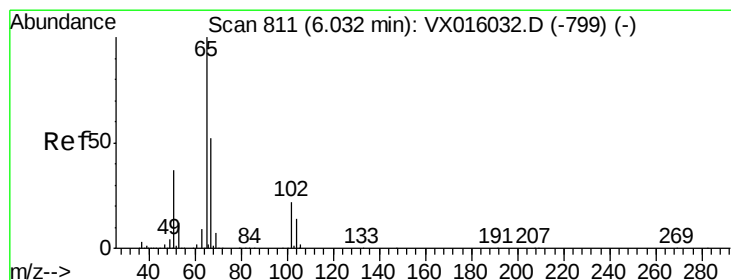
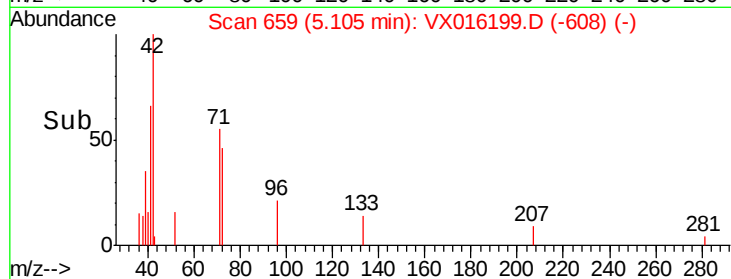
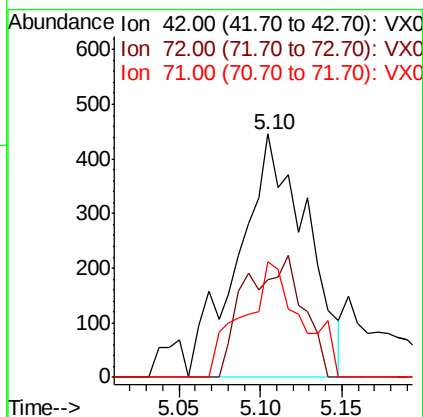
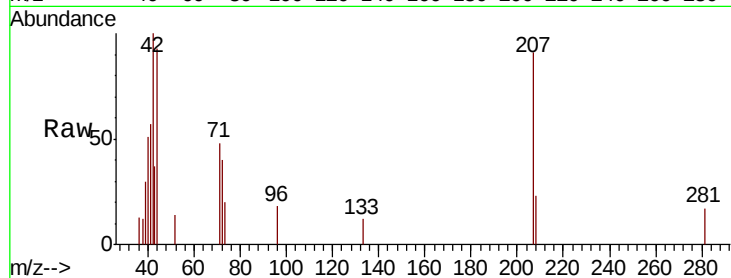




#29
Tetrahydrofuran
Concen: 0.745 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

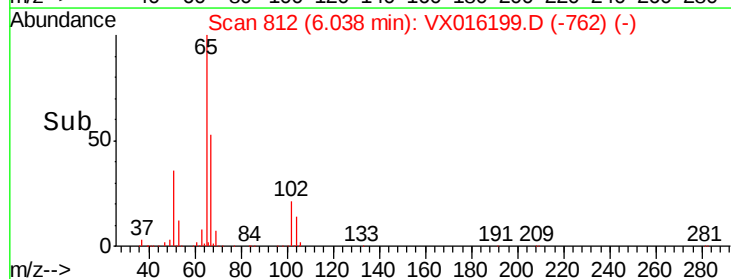
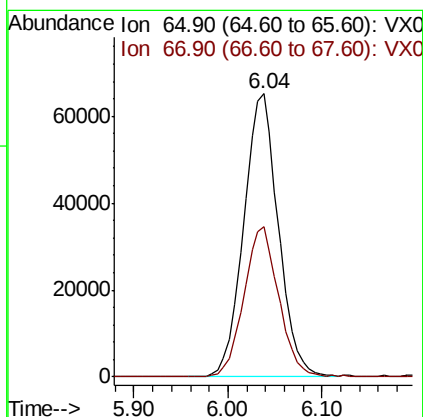
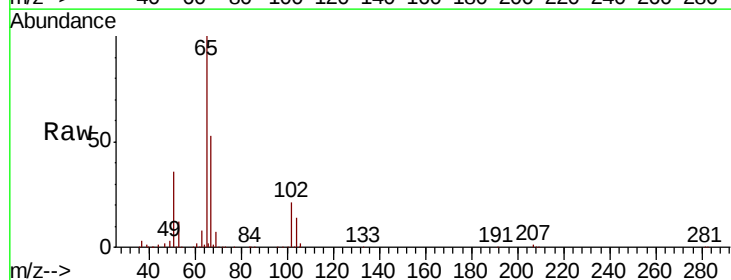
Instrument :
MSVOA_X
ClientSampleId :
PB128838TB

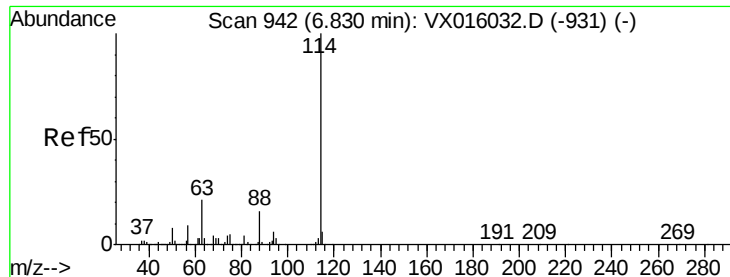
Tot Ion: 42 Resp: 1293
Ion Ratio Lower Upper
42 100
72 16.1 37.1 55.7#
71 40.8 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 46.130 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

Tgt Ion: 65 Resp: 168028
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

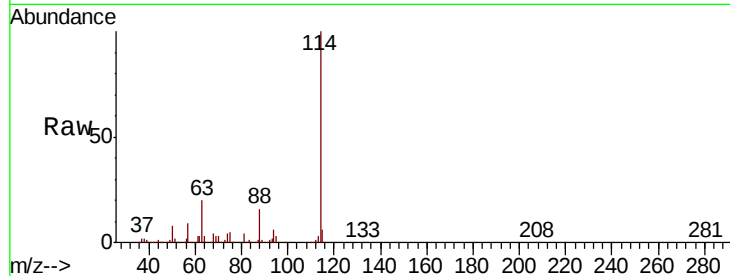




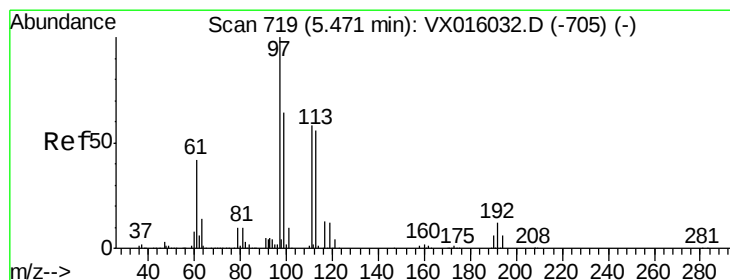
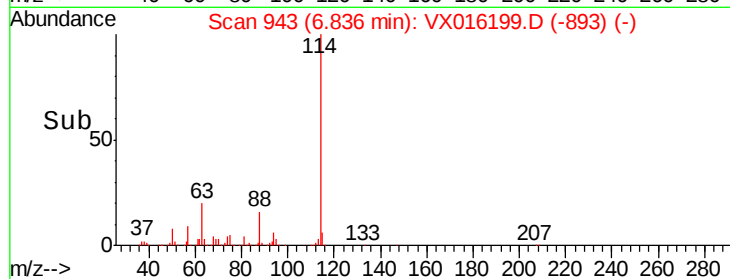
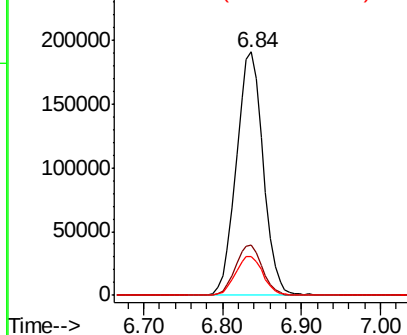
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016199.D
 Acq: 13 May 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.8
88	16.0	0.0	31.4

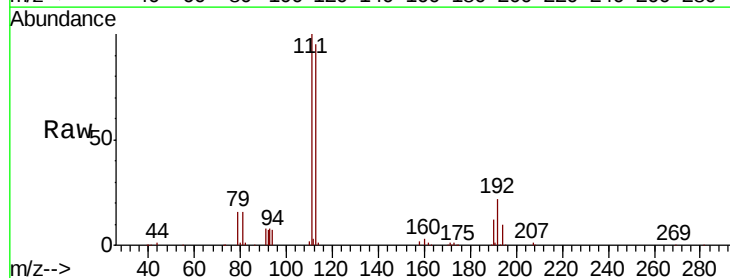


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

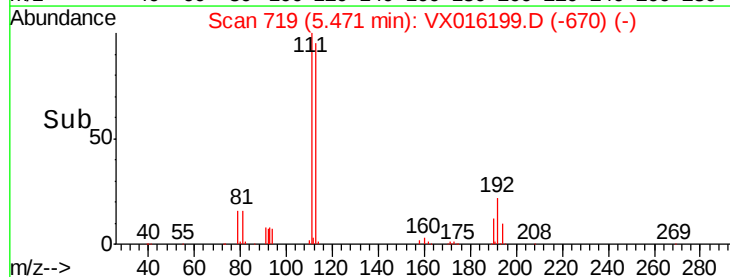
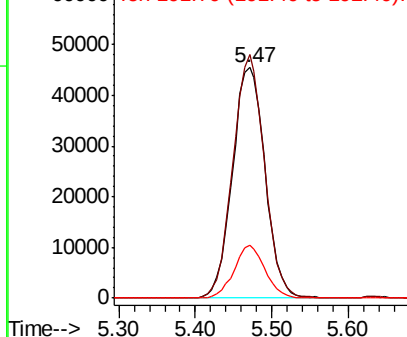


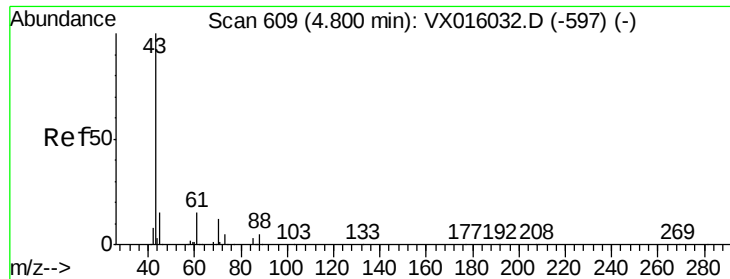
#35
 Dibromofluoromethane
 Concen: 46.857 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016199.D
 Acq: 13 May 2020 23:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	21.7	17.0	25.4



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

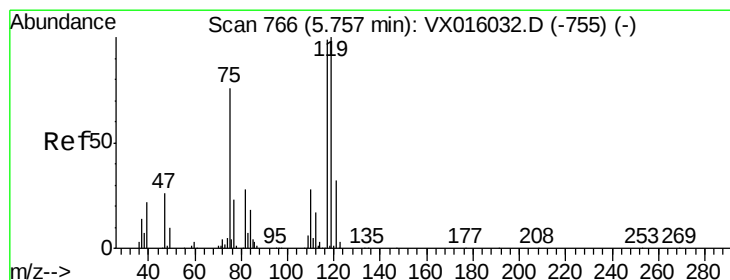
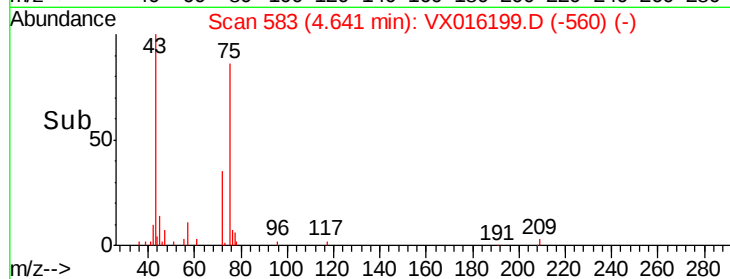
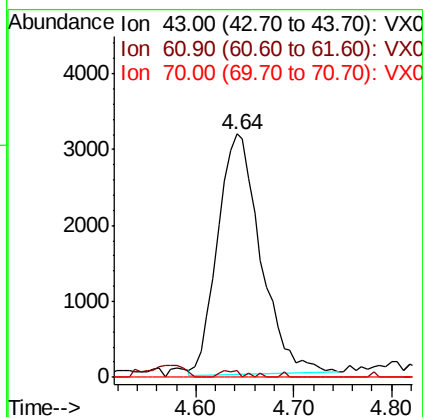
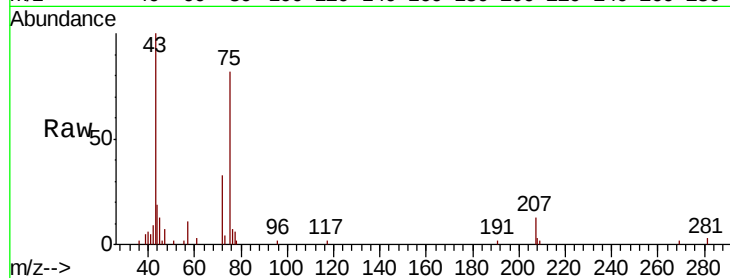




#37
Ethyl Acetate
Concen: 1.880 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.16 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

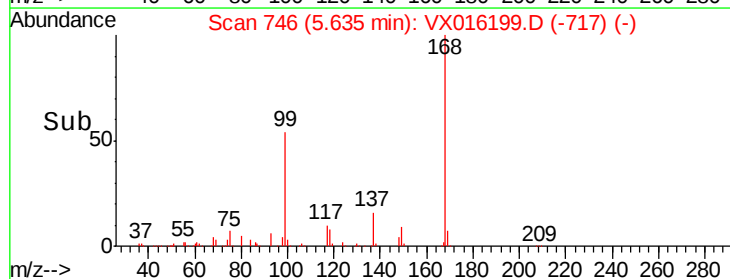
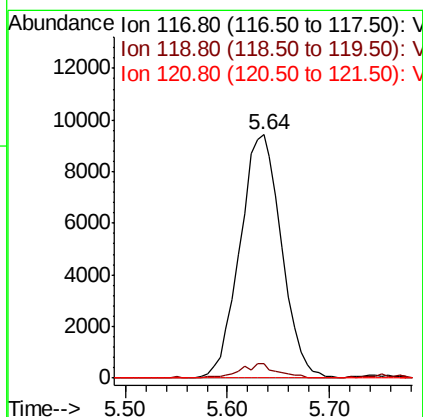
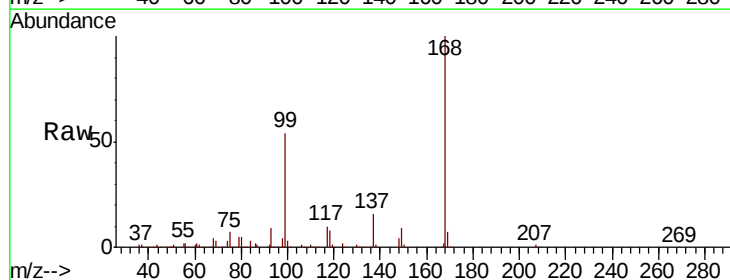
Instrument :
MSVOA_X
ClientSampleId :
PB128838TB

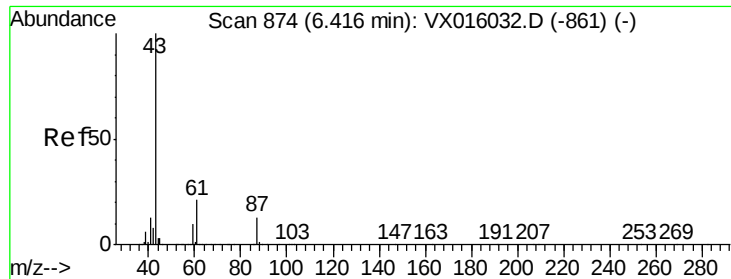
Tot Ion: 43 Resp: 9707
Ion Ratio Lower Upper
43 100
61 1.1 11.7 17.5#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

Tgt Ion: 117 Resp: 26674
Ion Ratio Lower Upper
117 100
119 6.2 80.3 120.5#
121 0.0 25.7 38.5#





#43

Isopropyl Acetate

Concen: 10.267 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

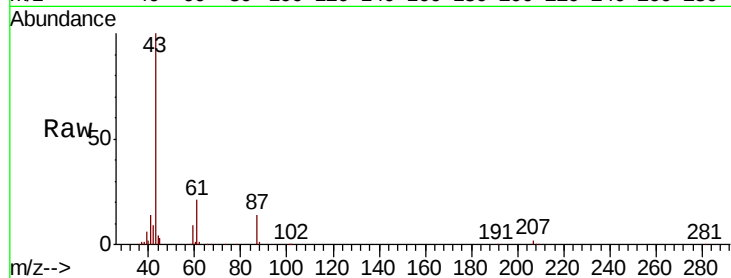
Tot Ion: 43 Resp: 84577

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

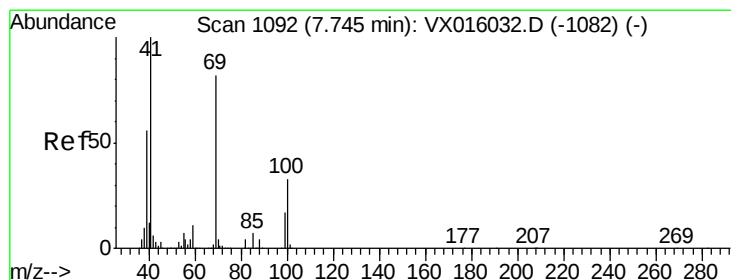
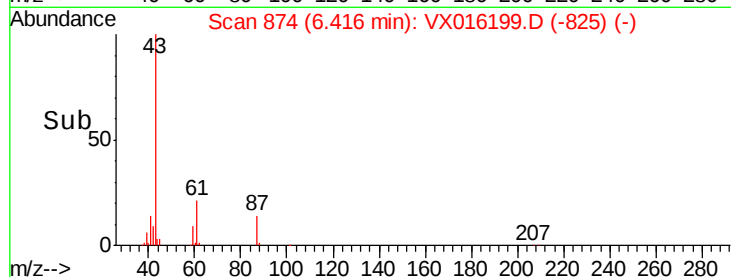
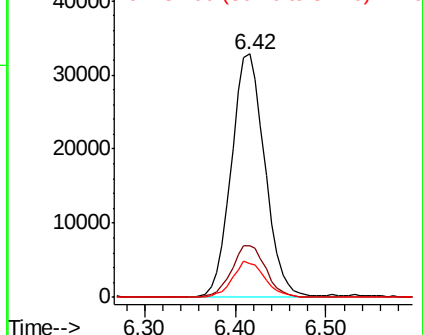
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.289 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.09 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

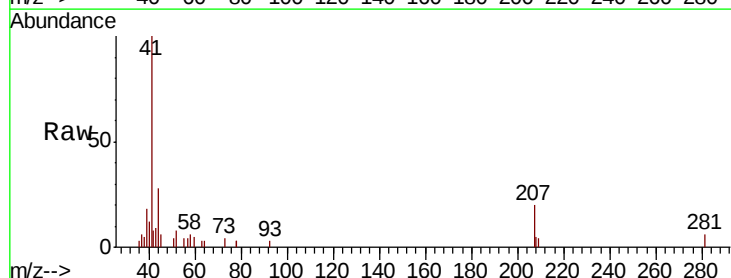
Tgt Ion: 41 Resp: 5030

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.6#

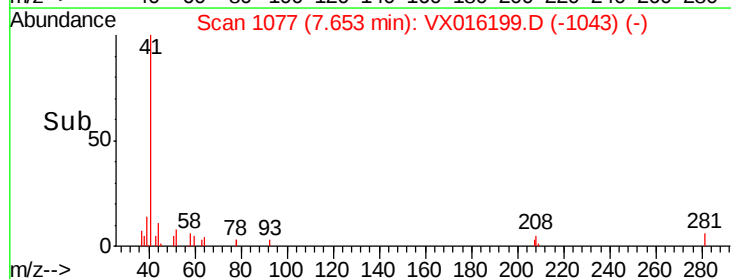
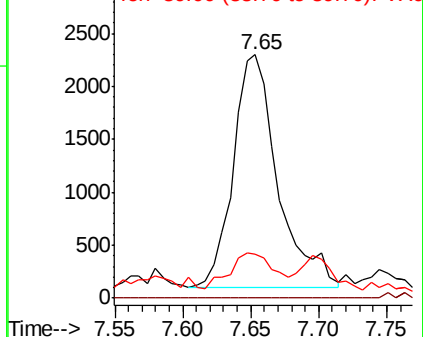
39 0.0 44.6 67.0#

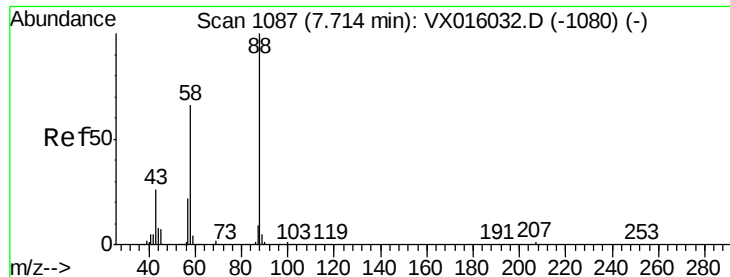


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3.012 ug/l

RT: 7.85 min Scan# 1110

Delta R.T. 0.14 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

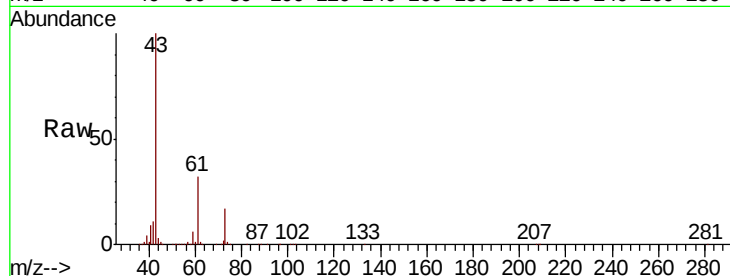
Tot Ion: 88 Resp: 282

Ion Ratio Lower Upper

88 100

43 500790.1 25.3 37.9#

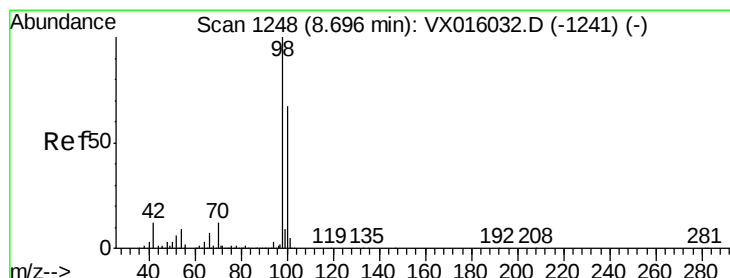
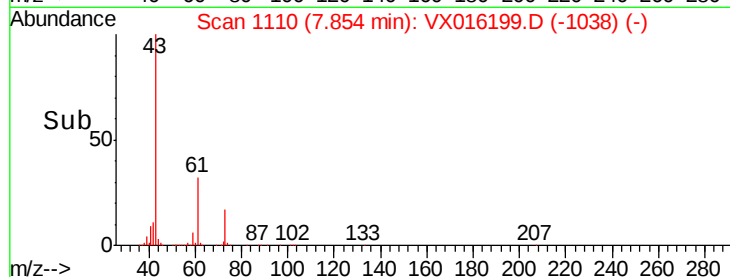
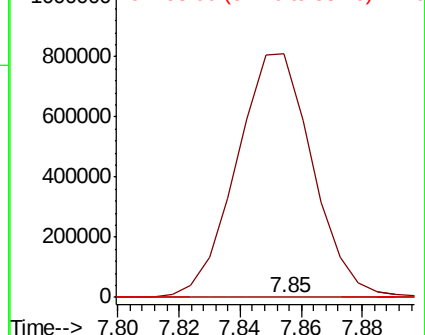
58 2135.5 55.9 83.9#



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: 51.398 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016199.D

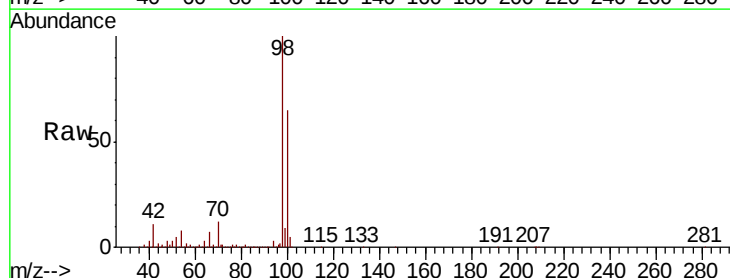
Acq: 13 May 2020 23:46

Tgt Ion: 98 Resp: 567790

Ion Ratio Lower Upper

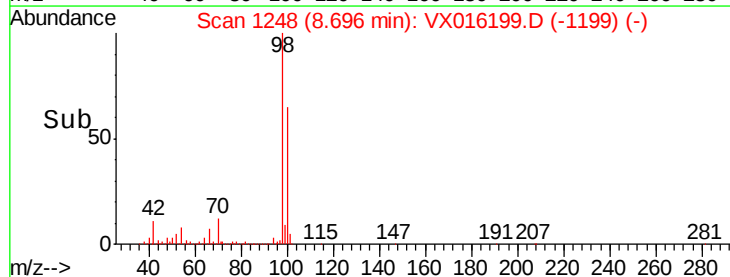
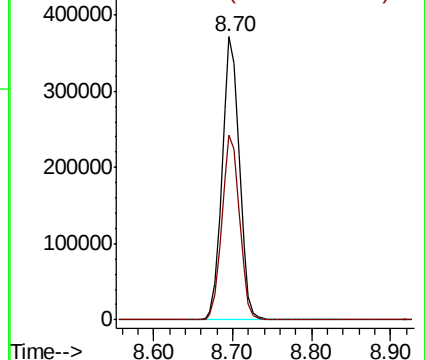
98 100

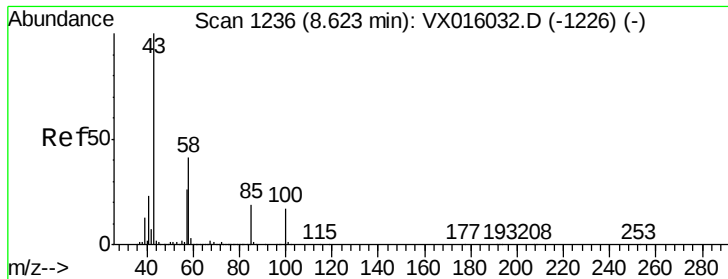
100 66.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 15.931 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampled :

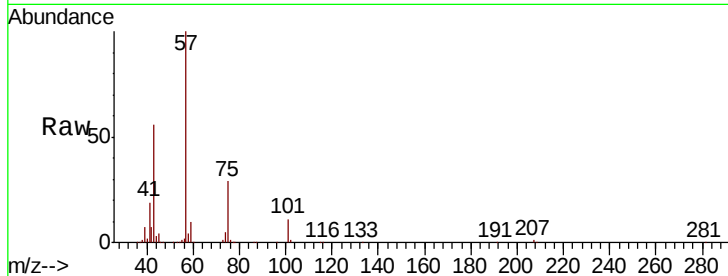
PB128838TB

Tot Ion: 43 Resp: 80311

Ion Ratio Lower Upper

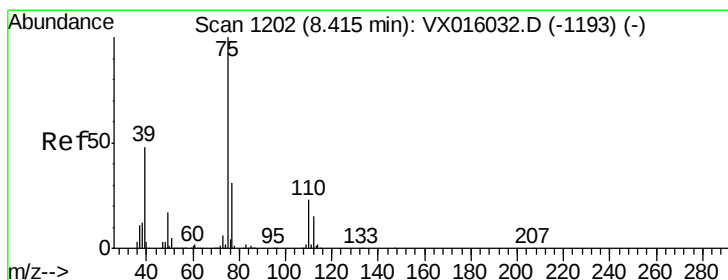
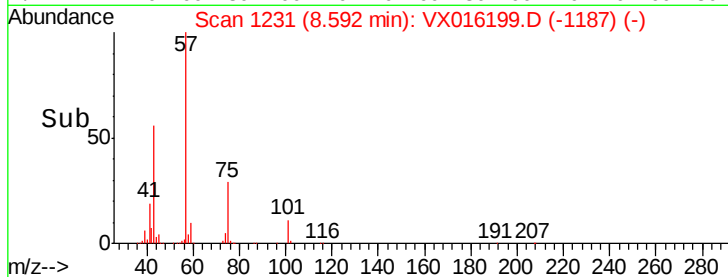
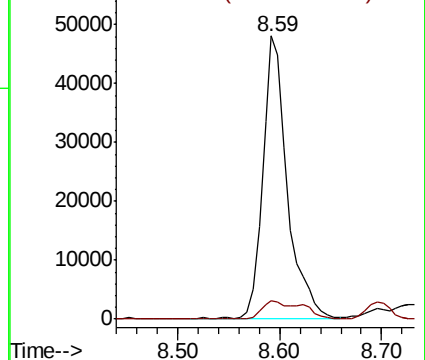
43 100

58 6.8 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 6.734 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

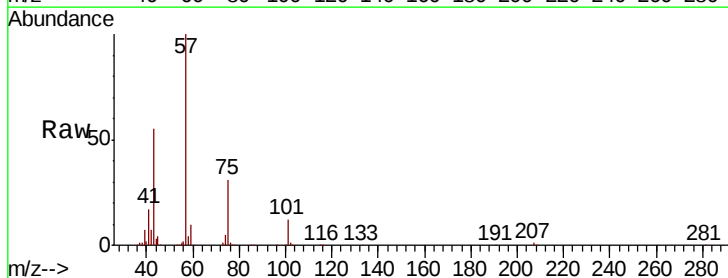
Tgt Ion: 75 Resp: 38280

Ion Ratio Lower Upper

75 100

77 0.7 24.7 37.1#

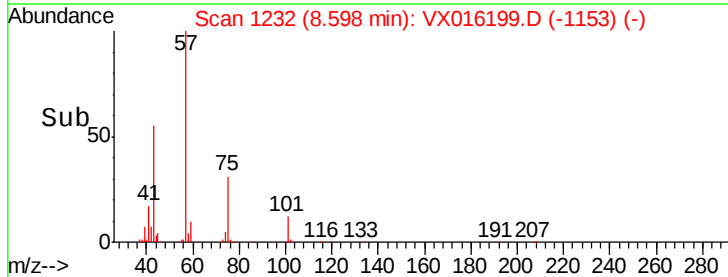
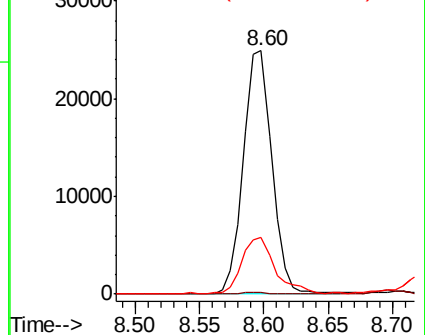
39 22.9 38.7 58.1#

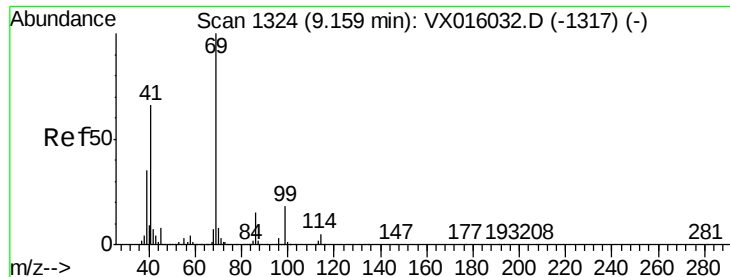


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 0.236 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

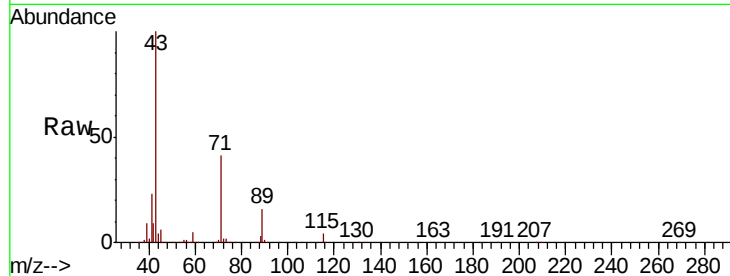
Tot Ion: 69 Resp: 1231

Ion Ratio Lower Upper

69 100

41 5089.9 52.2 78.4#

39 1902.3 28.2 42.4#

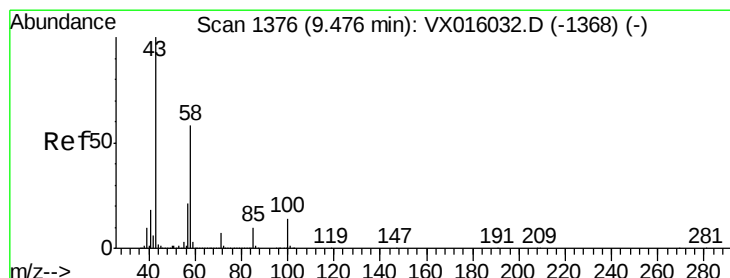
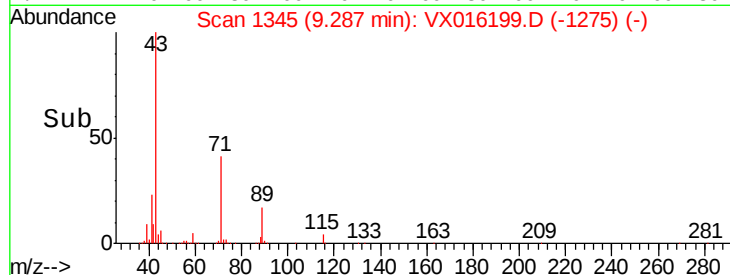
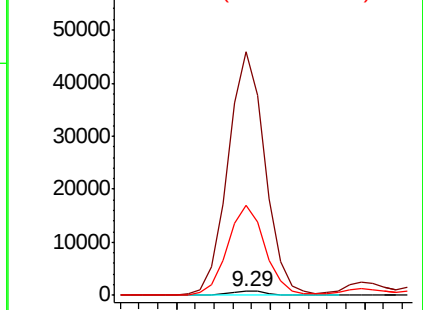


Abundance

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: 21.144 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX016199.D

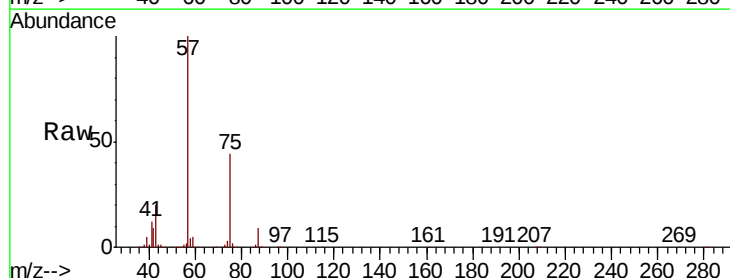
Acq: 13 May 2020 23:46

Tgt Ion: 43 Resp: 83708

Ion Ratio Lower Upper

43 100

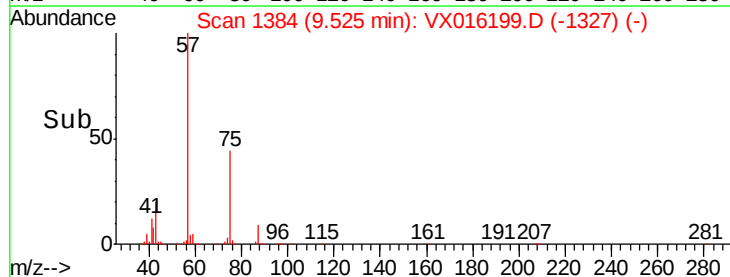
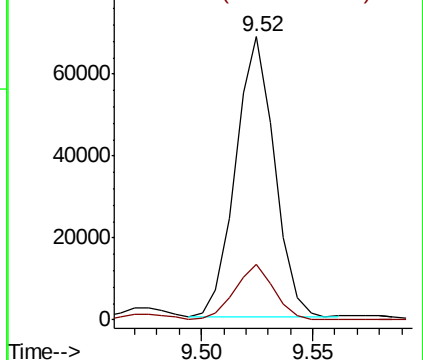
58 20.5 28.6 85.9#

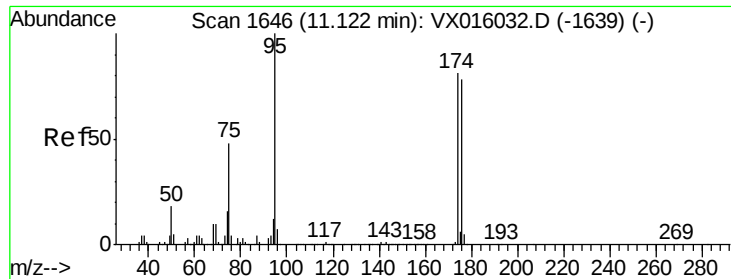


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

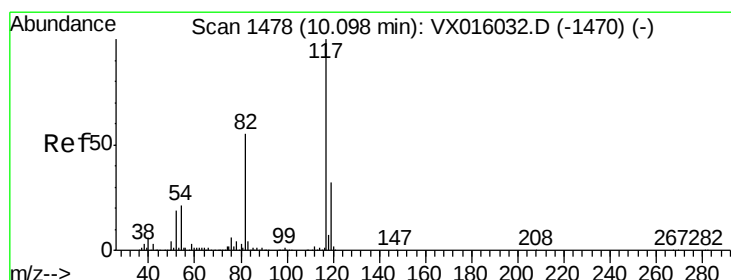
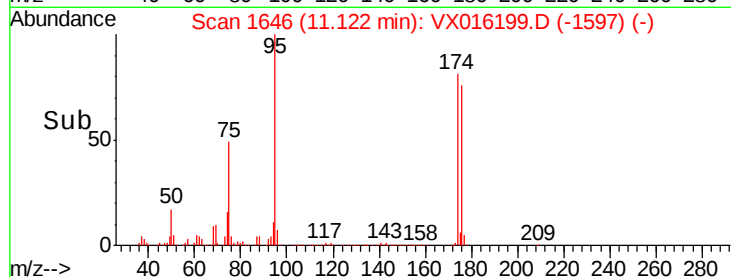
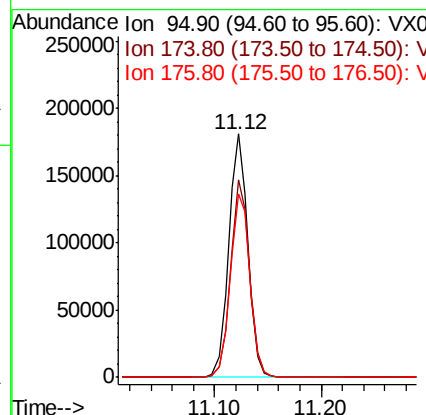
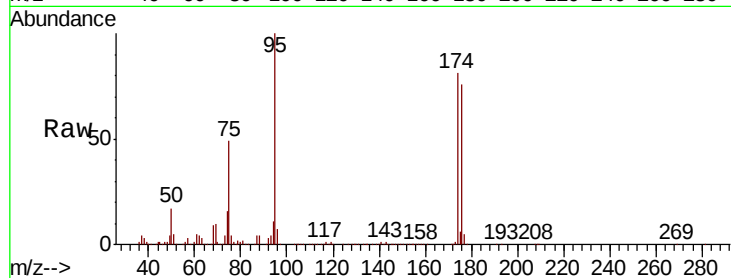




#62
4-Bromofluorobenzene
Concen: 53.806 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

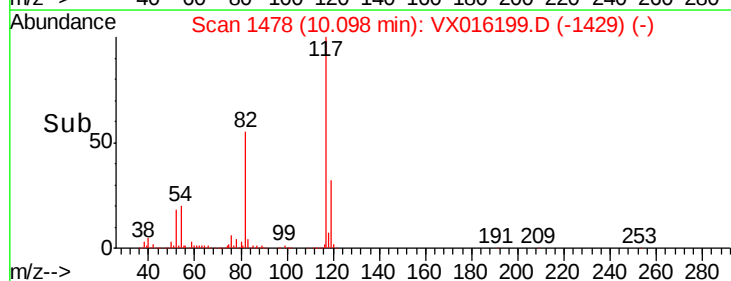
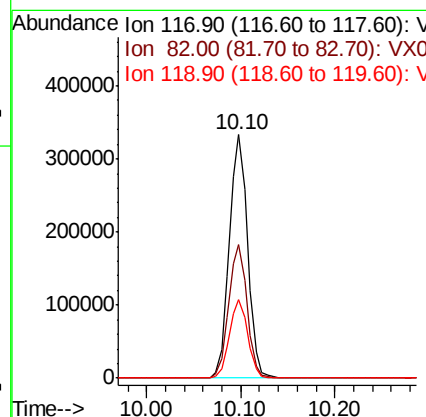
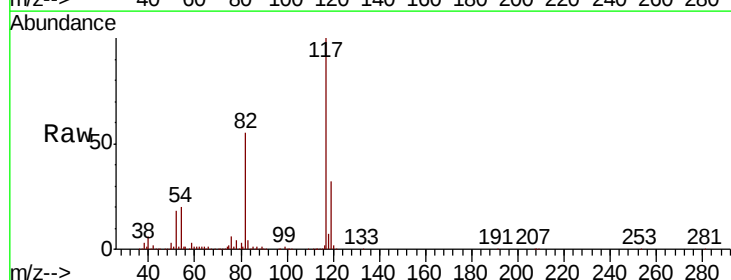
Instrument :
MSVOA_X
ClientSampleId :
PB128838TB

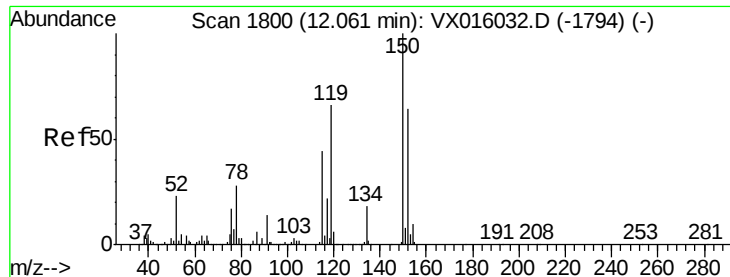
Tot Ion: 95 Resp: 226079
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.4
176 77.5 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

Tgt Ion: 117 Resp: 449359
Ion Ratio Lower Upper
117 100
82 55.1 44.4 66.6
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

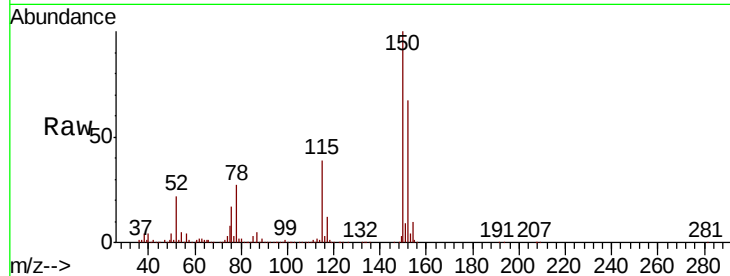
Tot Ion:152 Resp: 233085

Ion Ratio Lower Upper

152 100

115 58.1 41.3 124.1

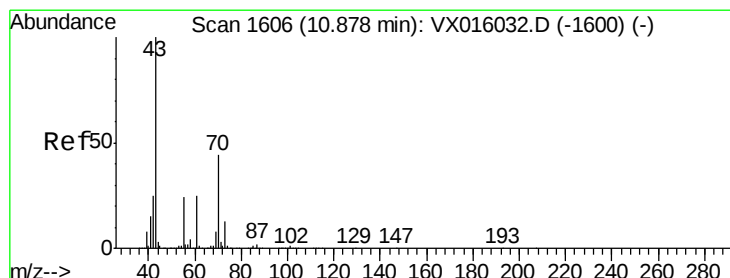
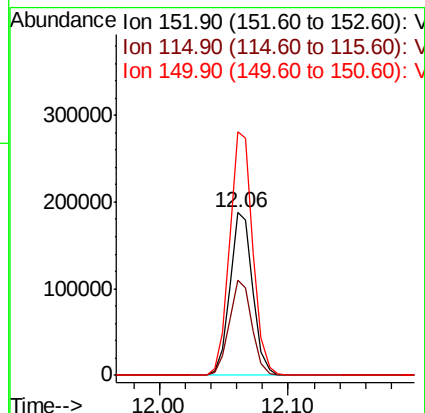
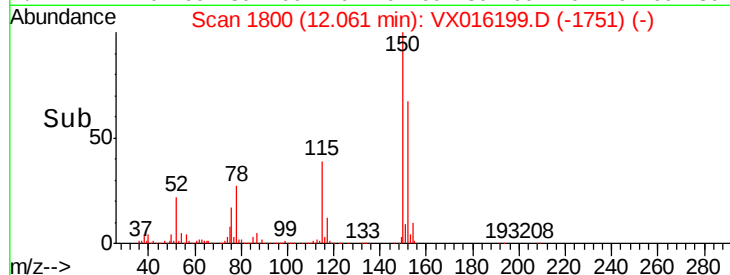
150 151.7 0.0 352.2



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



#74

N-ethyl acetate

Concen: 0.611 ug/l

RT: 10.81 min Scan# 1595

Delta R.T. -0.07 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Tgt Ion: 43 Resp: 4834

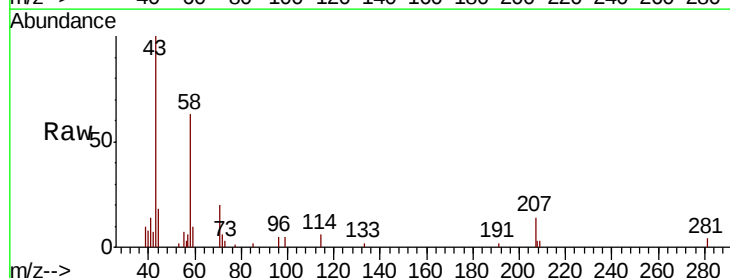
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 9.1 19.7 29.5#

61 0.0 20.9 31.3#

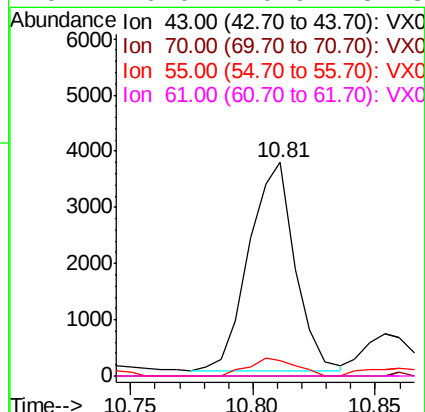
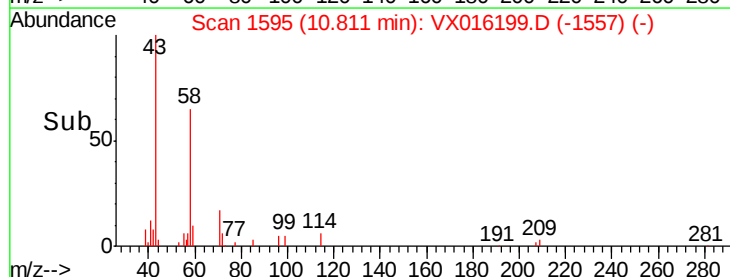


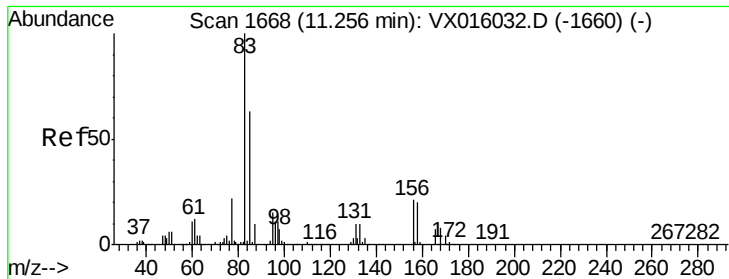
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.076 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

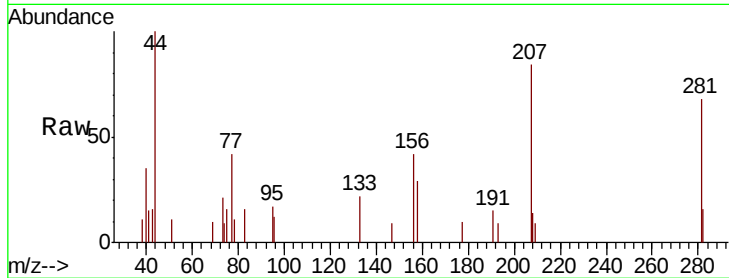
Tot Ion: 83 Resp: 86

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

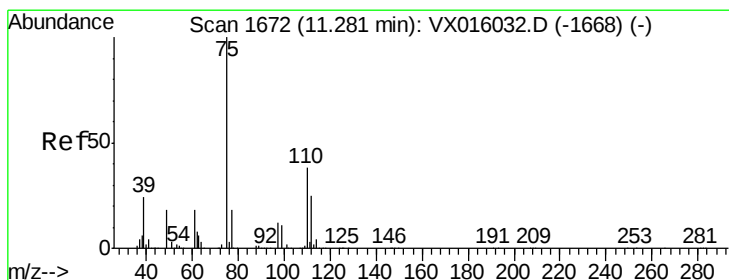
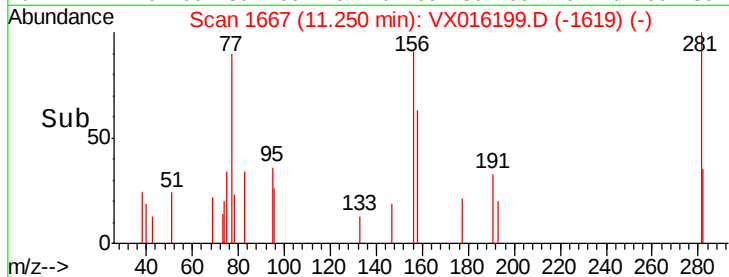
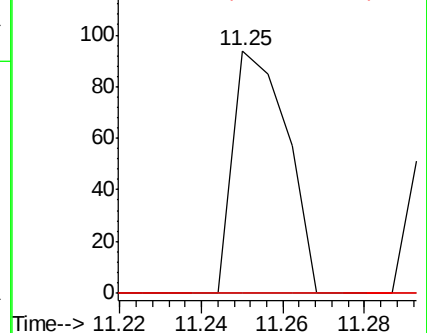
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.932 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016199.D

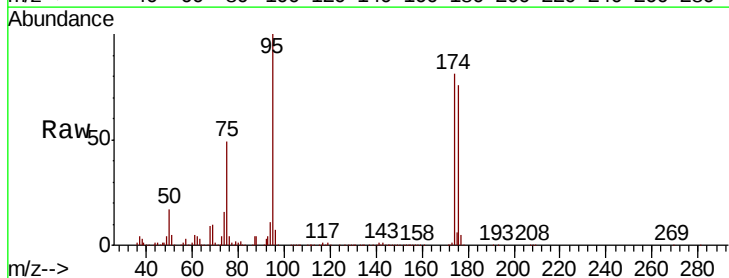
Acq: 13 May 2020 23:46

Tgt Ion: 75 Resp: 110714

Ion Ratio Lower Upper

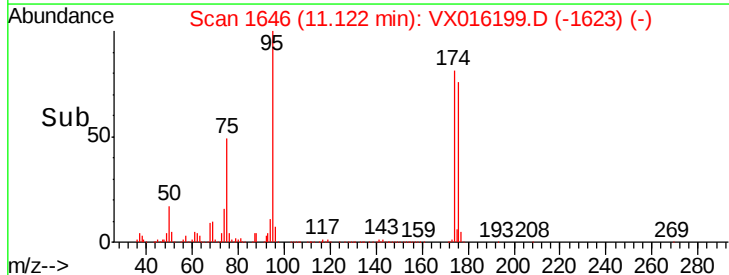
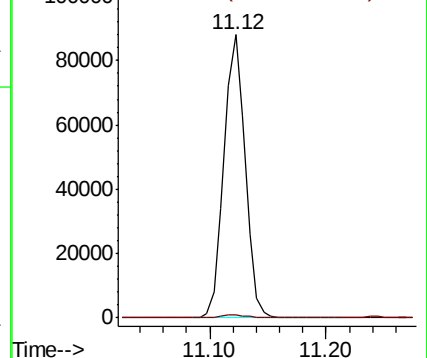
75 100

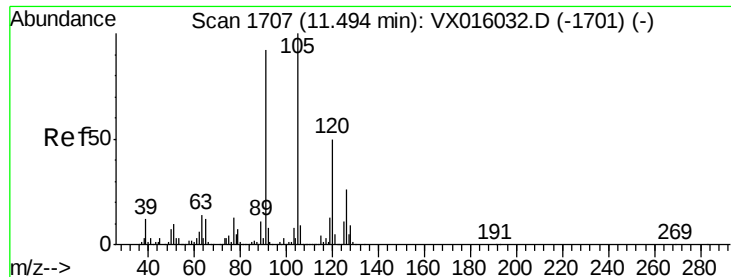
77 1.3 21.2 63.6#



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: 0.299 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

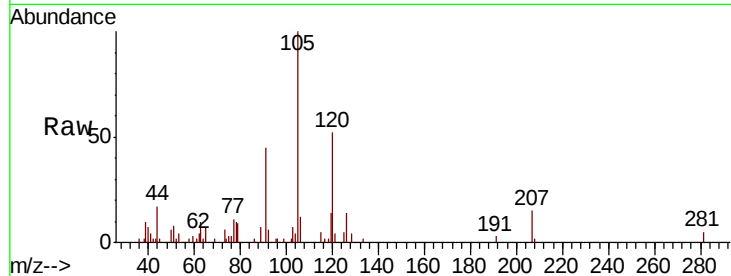
PB128838TB

Tot Ion:105 Resp: 4285

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

3000

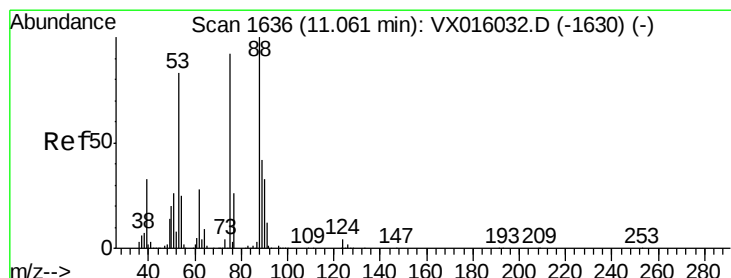
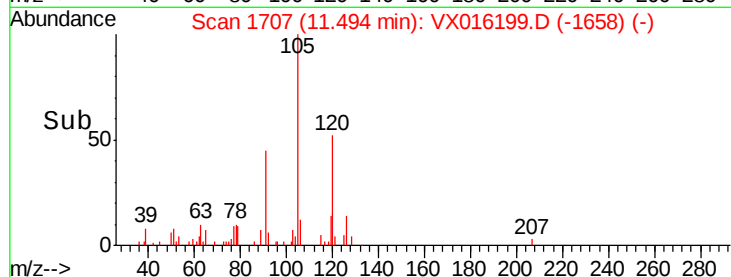
2000

1000

0

Time-->

11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 49.882 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

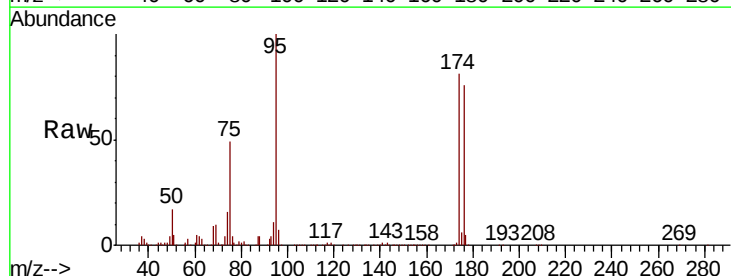
Tgt Ion: 75 Resp: 110714

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#



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

120000

100000

80000

60000

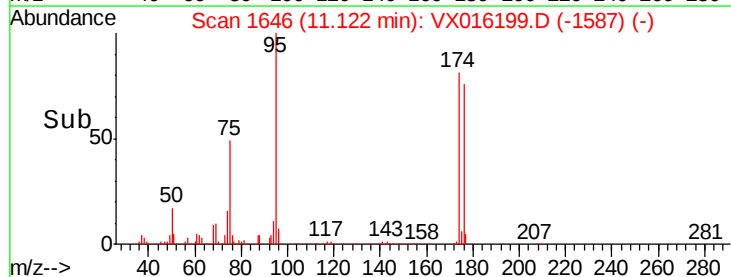
40000

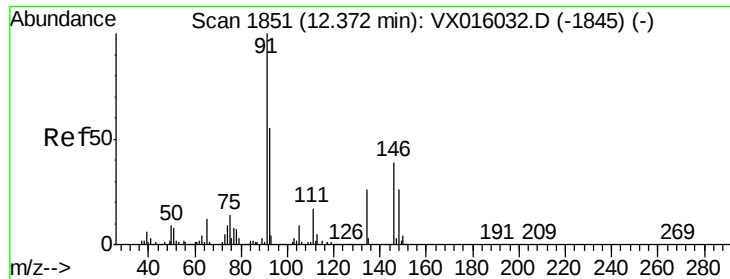
20000

0

Time-->

11.10 11.20

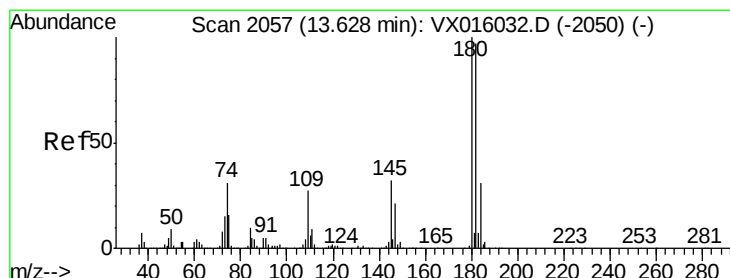
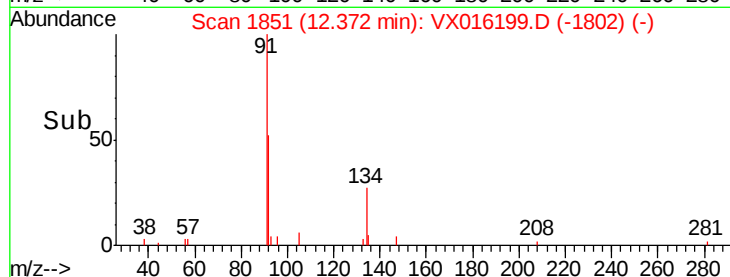
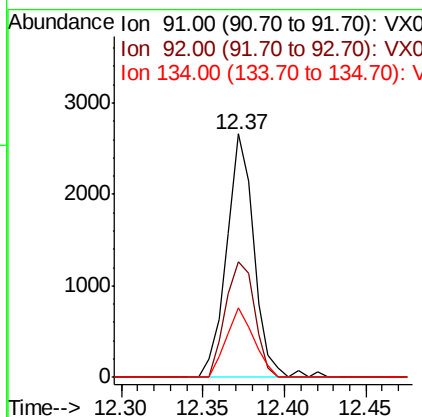
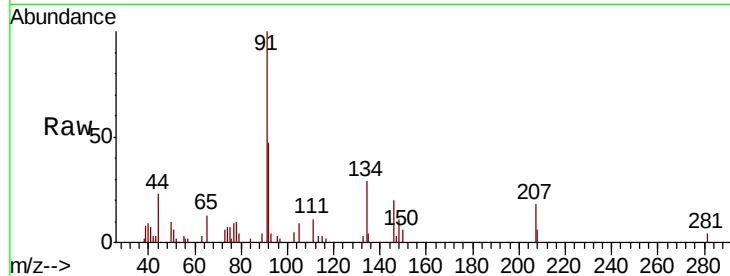




#89
n-Butylbenzene
Concen: 0.220 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

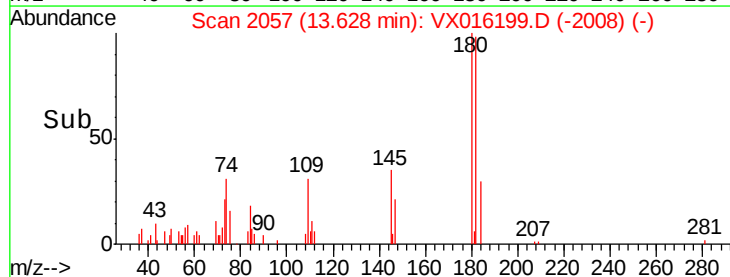
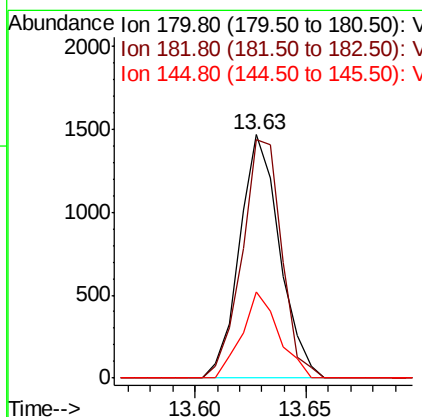
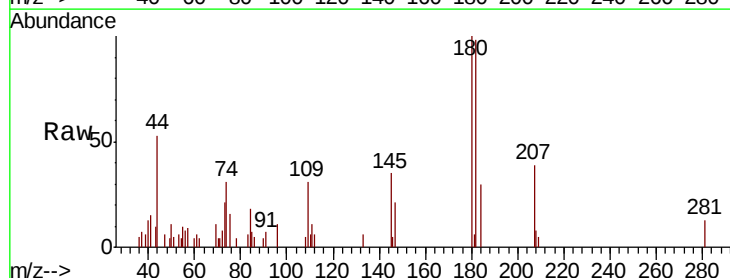
Instrument :
MSVOA_X
ClientSampled :
PB128838TB

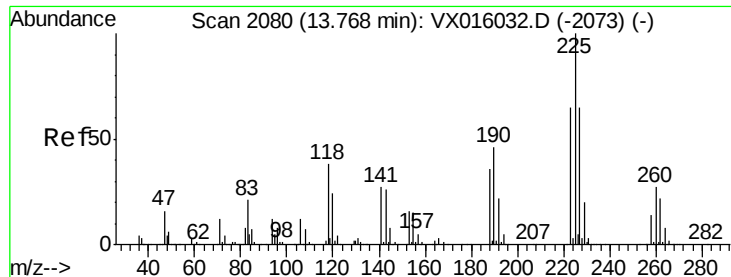
Tot Ion: 91 Resp: 3104
Ion Ratio Lower Upper
91 100
92 50.4 27.6 82.7
134 29.0 13.4 40.1



#93
1,2,4-Trichlorobenzene
Concen: 0.328 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016199.D
Acq: 13 May 2020 23:46

Tgt Ion: 180 Resp: 1840
Ion Ratio Lower Upper
180 100
182 97.1 48.7 146.1
145 32.3 15.7 47.1





#94

Hexachlorobutadiene

Concen: 1.008 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

PB128838TB

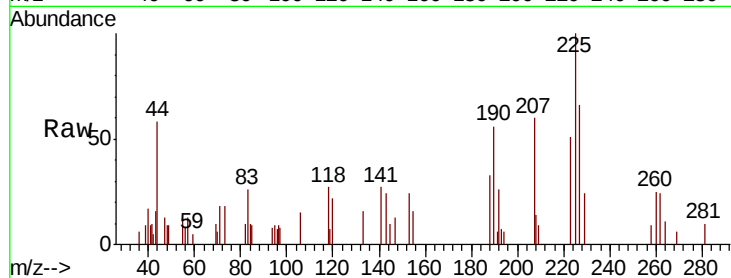
Tot Ion:225 Resp: 1180

Ion Ratio Lower Upper

225 100

223 61.4 32.3 96.9

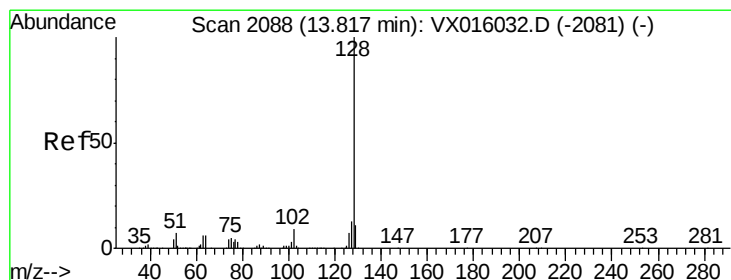
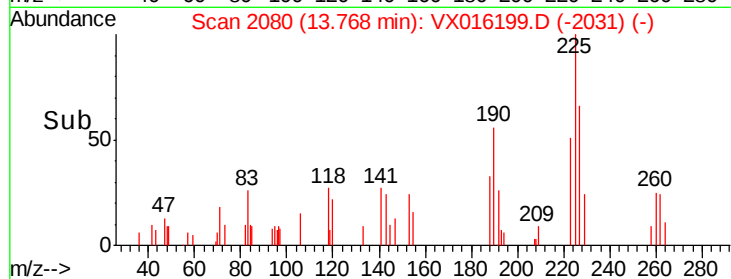
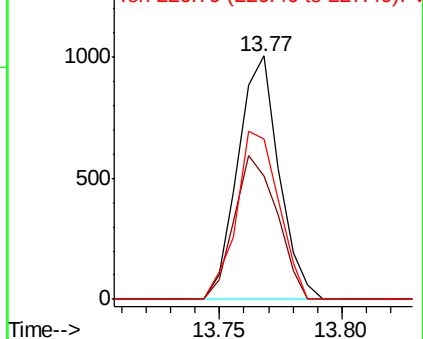
227 71.0 31.8 95.4



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: 0.205 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016199.D

Acq: 13 May 2020 23:46

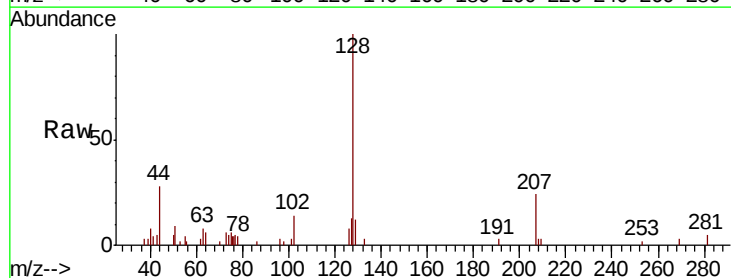
Tgt Ion:128 Resp: 3717

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

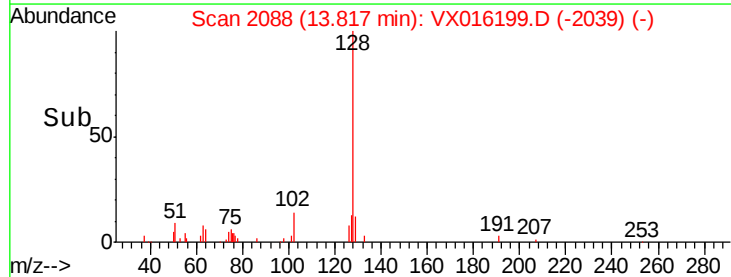
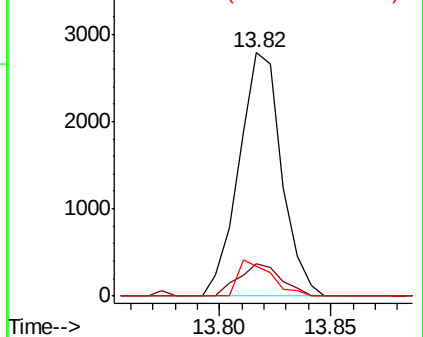
129 11.6 8.7 13.1

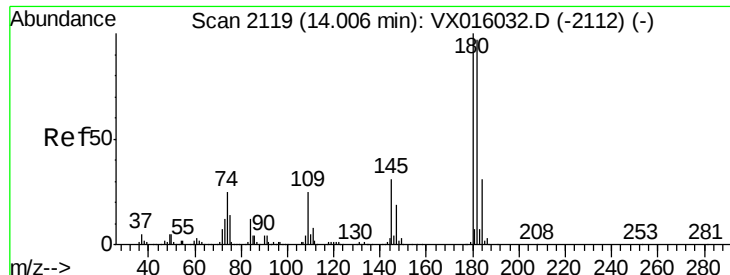


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

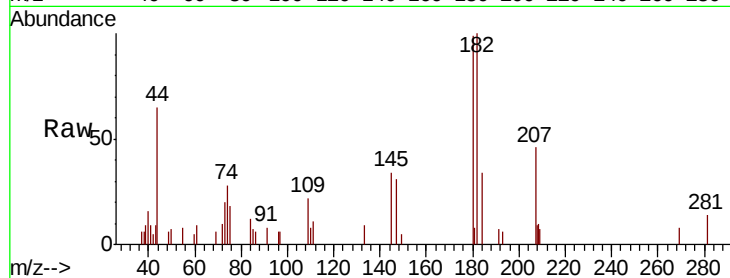




#96
 1,2,3-Trichlorobenzene
 Concen: 0.276 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX016199.D
 Acq: 13 May 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	48.4	145.0
145	32.3	16.4	49.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

