

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017316.D
 Acq On : 09 Jul 2020 18:27
 Operator : JC/SP
 Sample : PB130076TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130076TB

Quant Time: Jul 10 07:06:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163431	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.46	113	143511	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.70	98	534420	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.12	95	217766	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	676	0.453	ug/l	94
8) Diethyl Ether	2.17	74	623	0.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	525	0.210	ug/l	98
11) Tert butyl alcohol	3.01	59	1095	1.790	ug/l #	74
12) 1,1-Dichloroethene	2.36	96	531	0.206	ug/l #	45
13) Acrolein	2.28	56	371	1.014	ug/l #	1
15) Acrylonitrile	3.12	53	682	0.464	ug/l	93
16) Acetone	2.42	43	30393	25.332	ug/l	90
17) Carbon Disulfide	2.55	76	3233	0.473	ug/l #	93
18) Methyl Acetate	2.75	43	3449	1.101	ug/l	97
20) Methylene Chloride	2.83	84	13711	4.267	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	771	0.270	ug/l #	84
25) 2-Butanone	4.65	43	5495	2.749	ug/l #	89
29) Tetrahydrofuran	5.10	42	603	0.457	ug/l #	42
38) Carbon Tetrachloride	5.63	117	25247	5.612	ug/l #	18
43) Isopropyl Acetate	6.42	43	76274	11.076	ug/l	99
44) Trichloroethene	7.19	130	823	Below Cal		88
48) Methyl methacrylate	7.66	41	4590	1.403	ug/l #	15
49) 1,4-Dioxane	7.85	88	282	3.805	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	71772	17.484	ug/l #	46
54) cis-1,3-Dichloropropene	8.59	75	31218	6.086	ug/l #	65
58) 2-Chloroethyl Vinyl ether	8.29	63	434	0.200	ug/l #	77
59) 2-Hexanone	9.42	43	70570	23.538	ug/l #	23
64) Tetrachloroethene	9.32	164	1111	0.306	ug/l #	76
68) m/p-Xylenes	10.35	106	1726	0.290	ug/l	99
74) N-amyl acetate	10.81	43	4050	0.625	ug/l #	49
76) 1,2,3-Trichloropropane	11.12	75	110028	24.126	ug/l #	37
78) n-propylbenzene	11.34	91	3587	0.209	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	8135	0.646	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	110028	62.477	ug/l #	13
82) 4-Chlorotoluene	11.49	91	3493	0.281	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	2166	0.286	ug/l	90
89) n-Butylbenzene	12.37	91	4115	0.340	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1476	0.208	ug/l	88

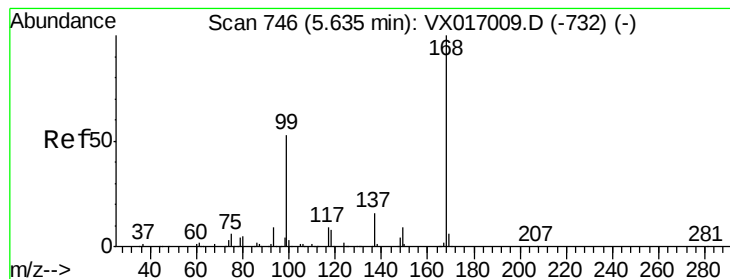
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
Data File : VX017316.D
Acq On : 09 Jul 2020 18:27
Operator : JC/SP
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Instrument :
MSVOA_X
ClientSampleId :
PB130076TB

Quant Time: Jul 10 07:06:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2626	0.543	ug/l	96
94) Hexachlorobutadiene	13.76	225	1372	1.579	ug/l	97
95) Naphthalene	13.82	128	4089	0.278	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	2006	0.428	ug/l	94

(#) = 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. -0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

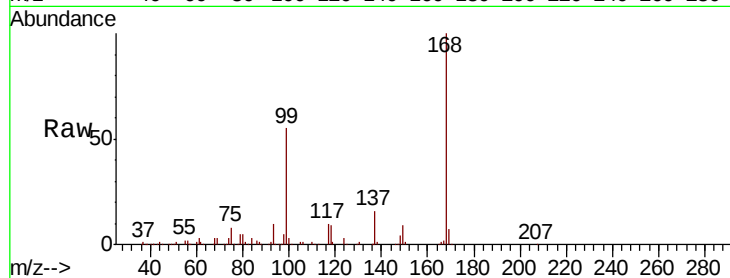
PB130076TB

Tot Ion:168 Resp: 260156

Ion Ratio Lower Upper

168 100

99 54.8 42.6 64.0



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

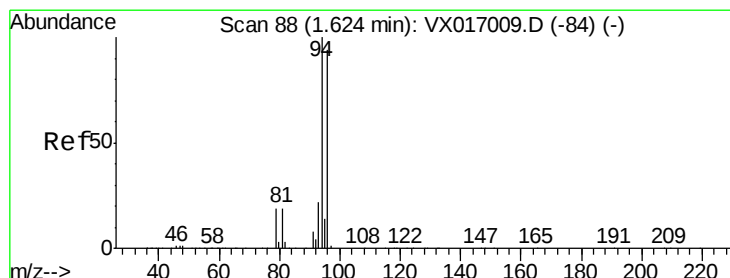
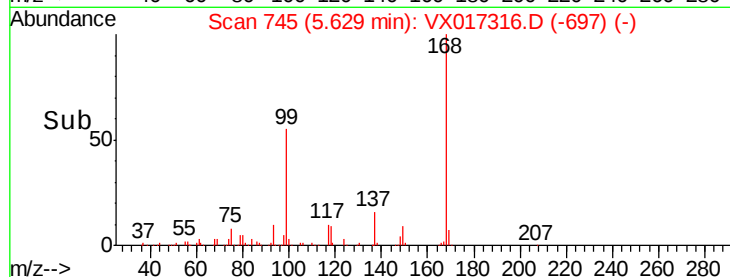
Time-->

5.50

5.60

5.70

5.80



#5

Bromomethane

Concen: 0.453 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017316.D

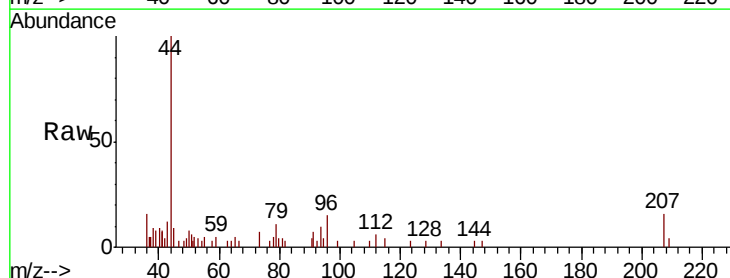
Acq: 09 Jul 2020 18:27

Tgt Ion: 94 Resp: 676

Ion Ratio Lower Upper

94 100

96 87.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

200

100

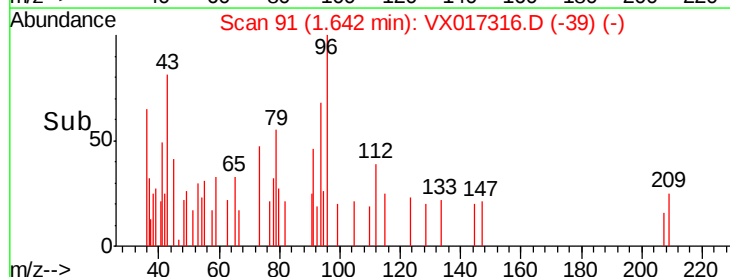
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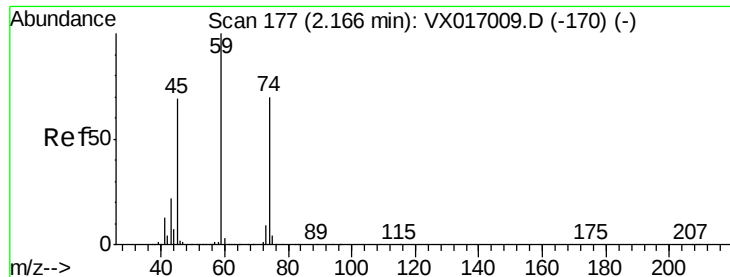
Time-->

1.60

1.65

1.70





#8

Diethyl Ether

Concen: 0.805 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

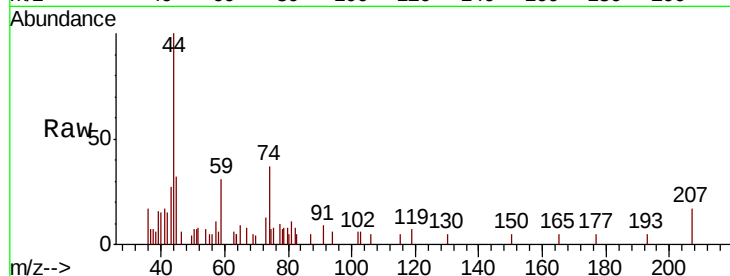
PB130076TB

Tot Ion: 74 Resp: 623

Ion Ratio Lower Upper

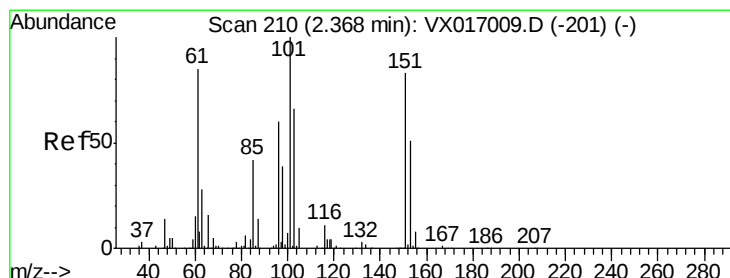
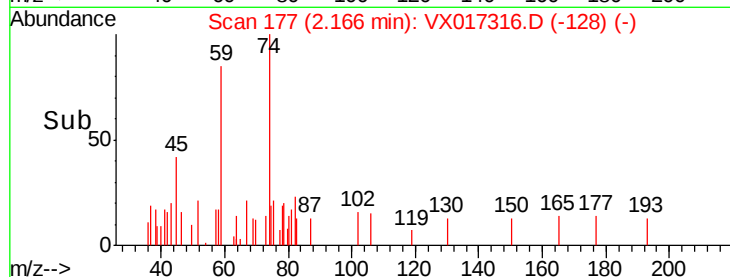
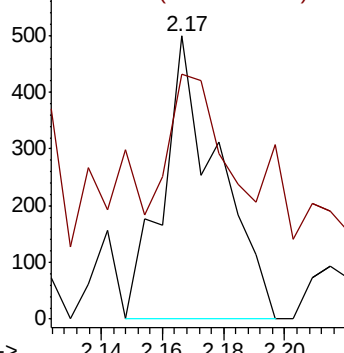
74 100

45 98.9 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.210 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

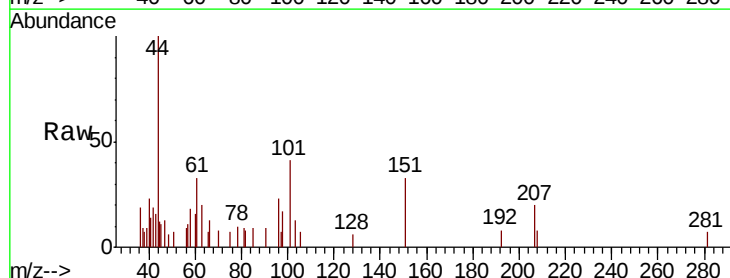
Tgt Ion:101 Resp: 525

Ion Ratio Lower Upper

101 100

85 44.0 33.5 50.3

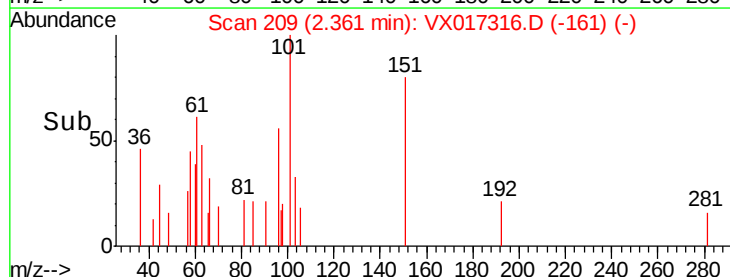
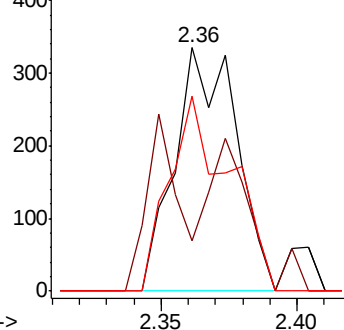
151 78.9 63.8 95.6

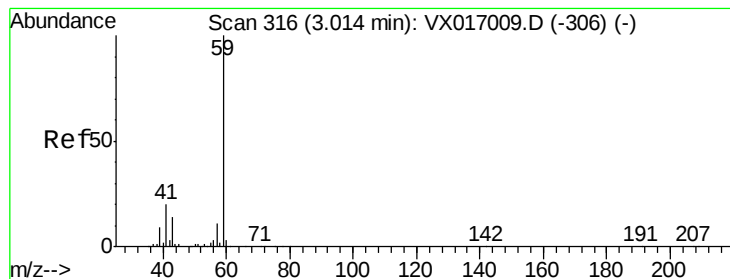


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



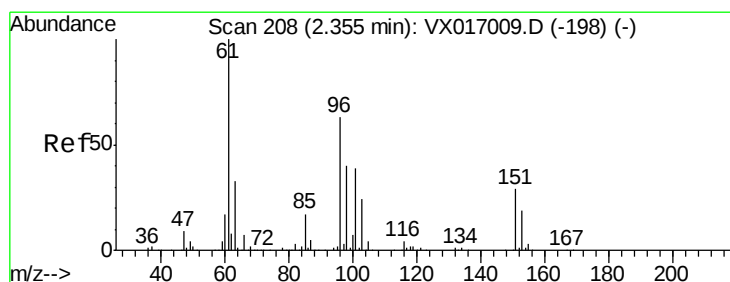
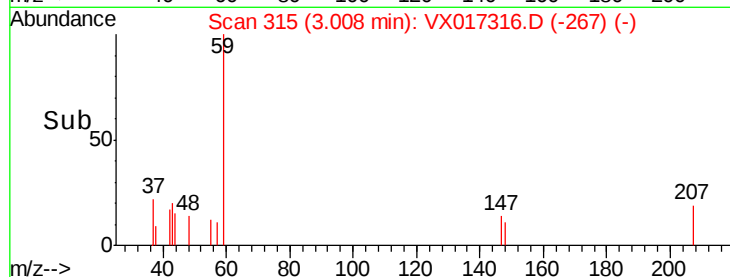
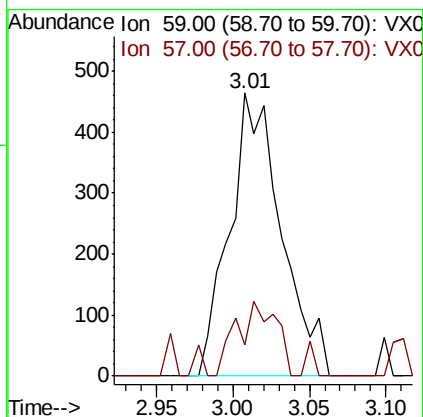
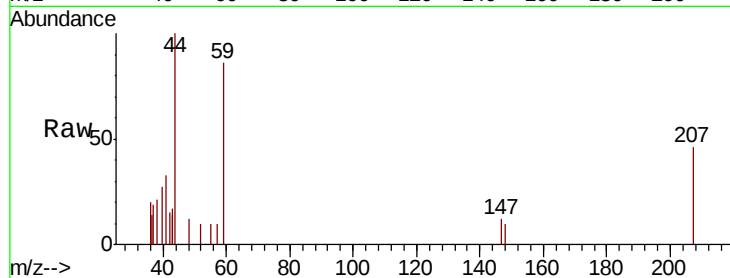


#11

Tert butyl alcohol
Concen: 1.790 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampled :
PB130076TB

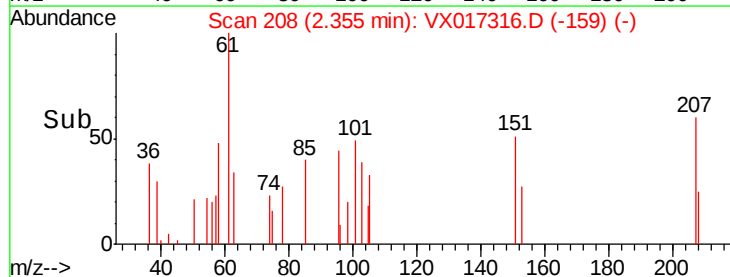
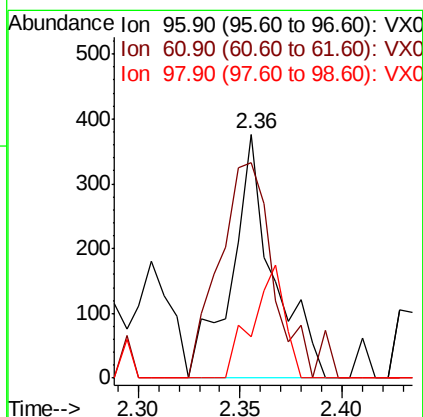
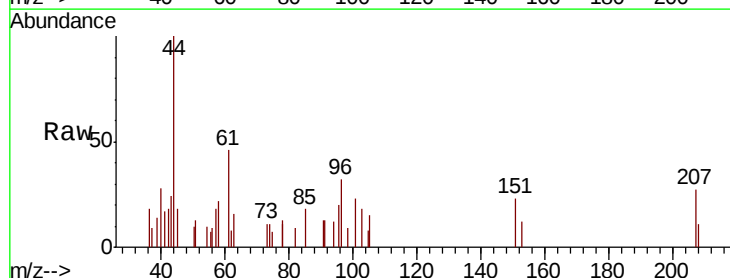
Tot Ion: 59 Resp: 1095
Ion Ratio Lower Upper
59 100
57 20.0 8.2 12.2#

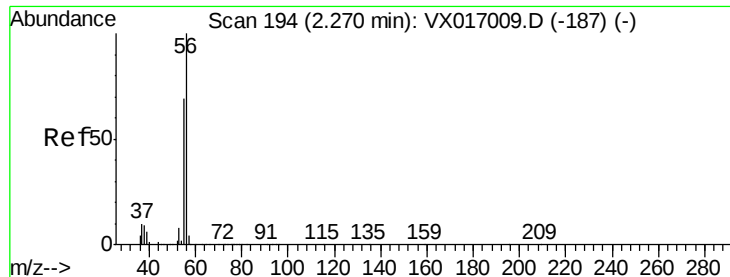


#12

1,1-Dichloroethene
Concen: 0.206 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion: 96 Resp: 531
Ion Ratio Lower Upper
96 100
61 88.3 126.3 189.5#
98 17.3 51.0 76.6#





#13

Acrolein

Concen: 1.014 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

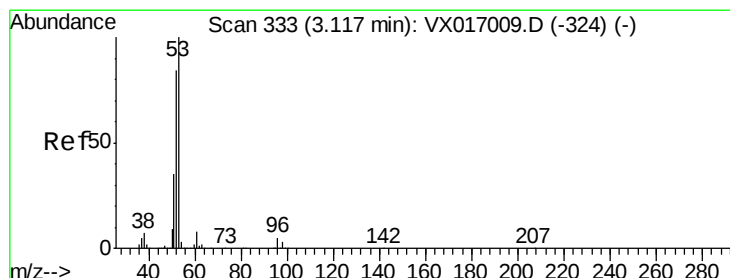
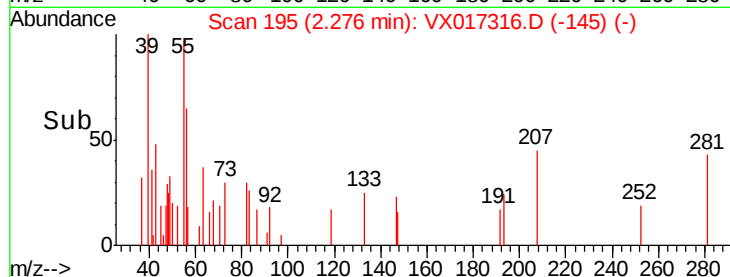
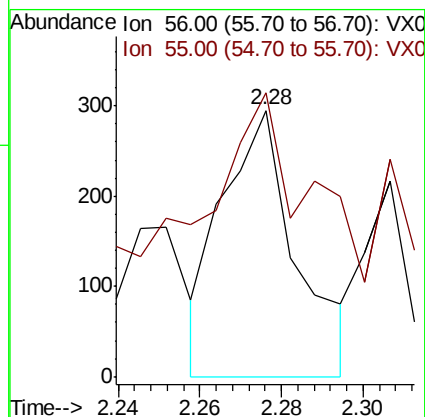
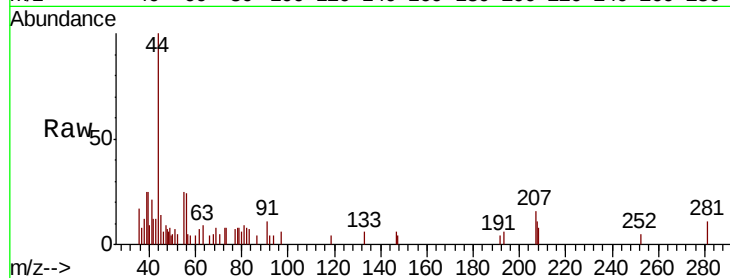
PB130076TB

Tot Ion: 56 Resp: 371

Ion Ratio Lower Upper

56 100

55 233.2 55.7 83.5#



#15

Acrylonitrile

Concen: 0.464 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

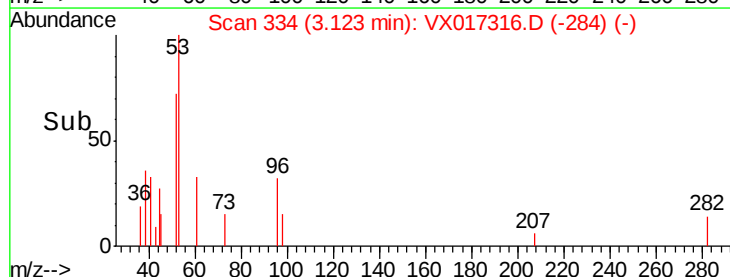
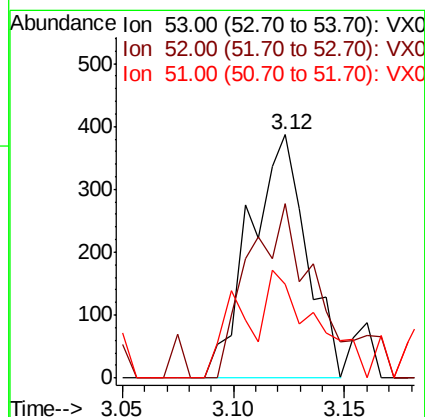
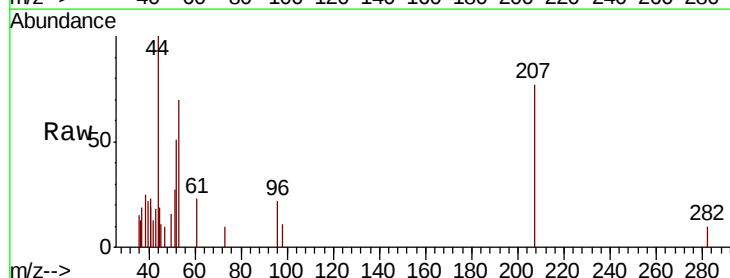
Tgt Ion: 53 Resp: 682

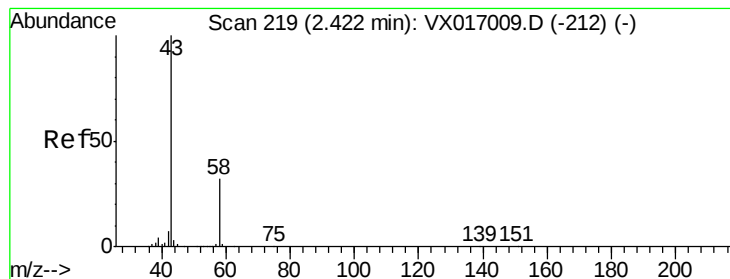
Ion Ratio Lower Upper

53 100

52 89.7 65.6 98.4

51 37.7 28.3 42.5





#16

Acetone

Concen: 25.332 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

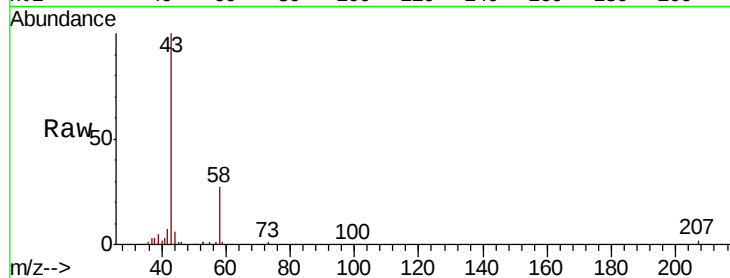
PB130076TB

Tot Ion: 43 Resp: 30393

Ion Ratio Lower Upper

43 100

58 26.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

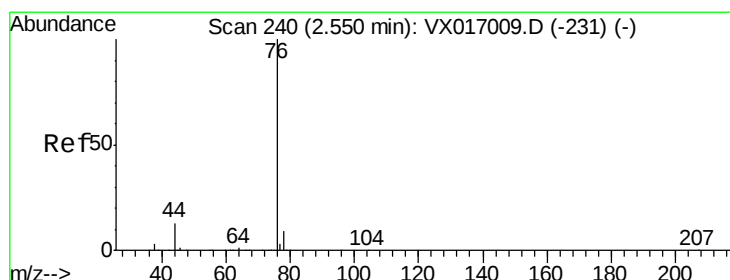
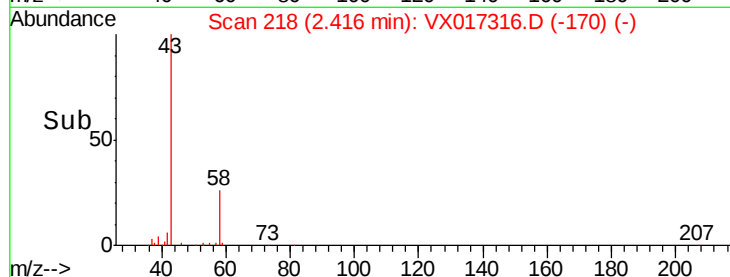
10000

5000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.473 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017316.D

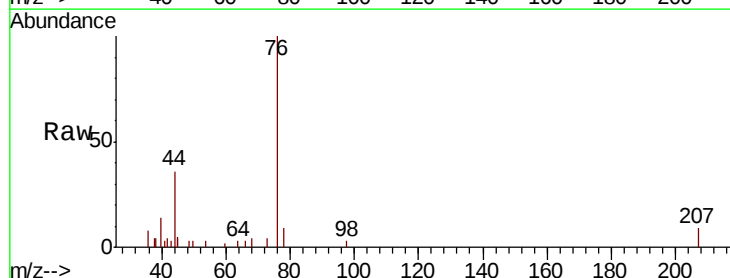
Acq: 09 Jul 2020 18:27

Tgt Ion: 76 Resp: 3233

Ion Ratio Lower Upper

76 100

78 6.6 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

2500

2000

1500

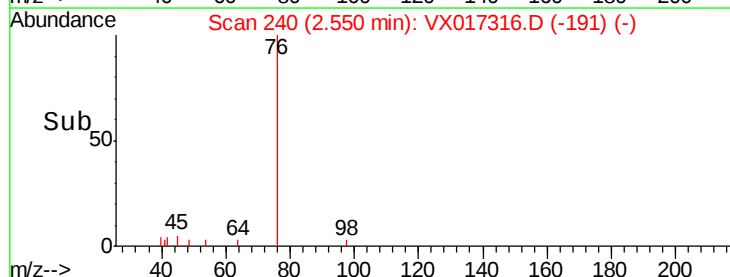
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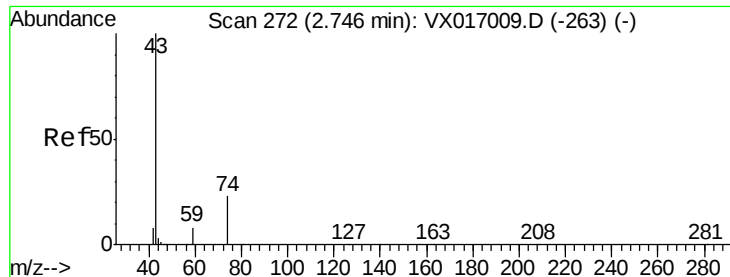
500

0

2.50 2.55 2.60

Time-->

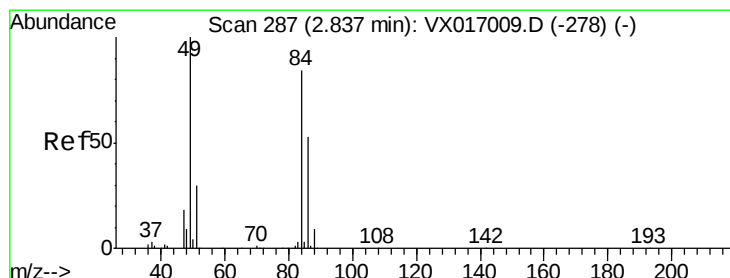
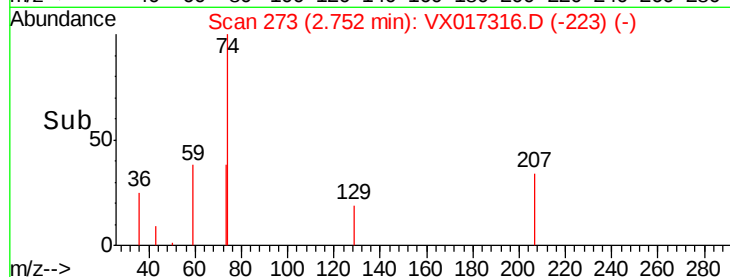
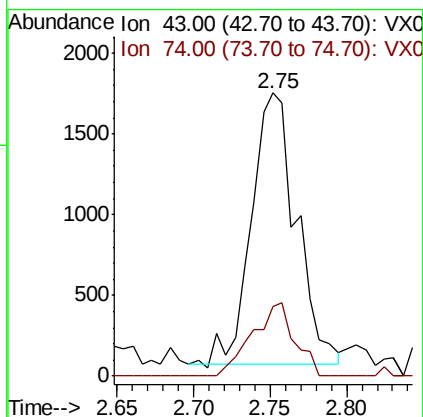
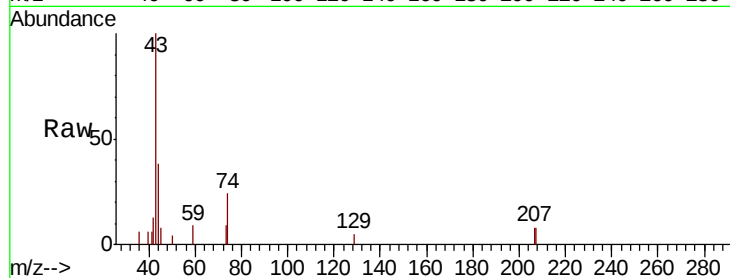




#18
Methvl Acetate
Concen: 1.101 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

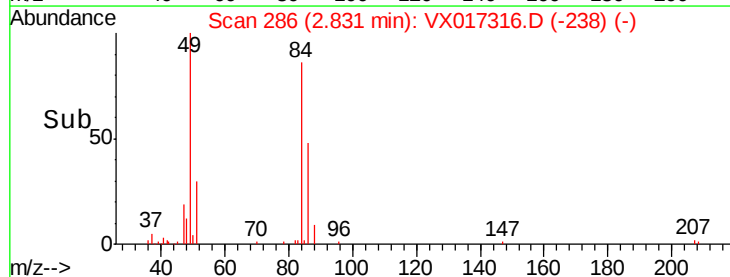
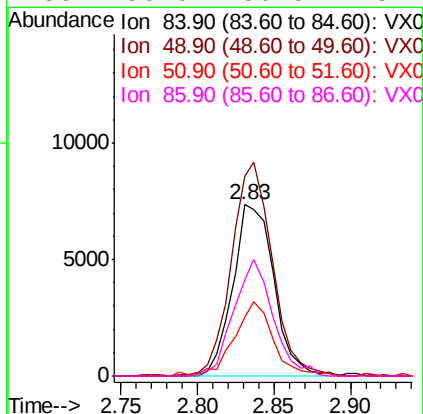
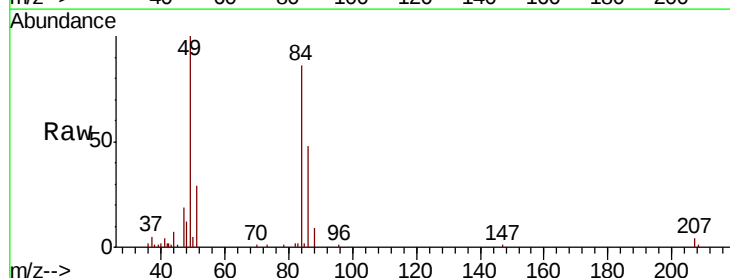
Instrument :
MSVOA_X
ClientSampleId :
PB130076TB

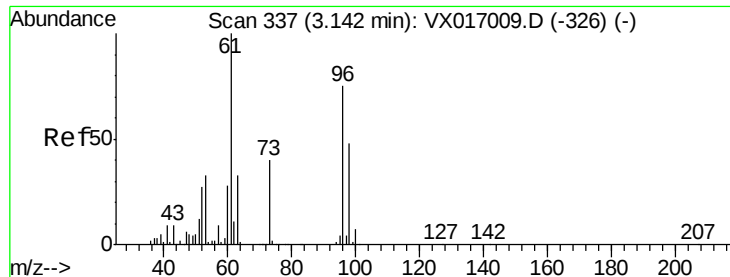
Tot Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9



#20
Methylene Chloride
Concen: 4.267 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion: 84 Resp: 13711
Ion Ratio Lower Upper
84 100
49 115.5 94.7 142.1
51 34.4 28.6 42.8
86 56.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 0.270 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

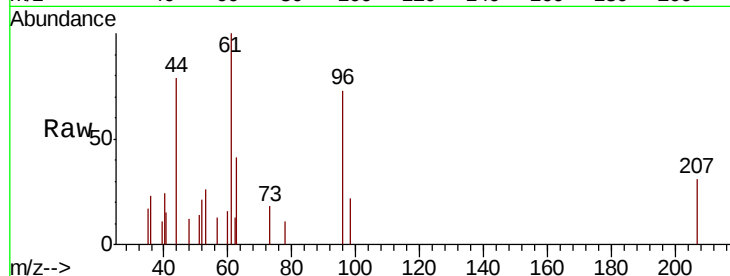
Tot Ion: 96 Resp: 771

Ion Ratio Lower Upper

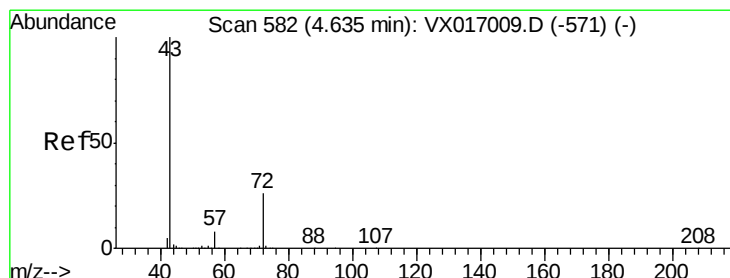
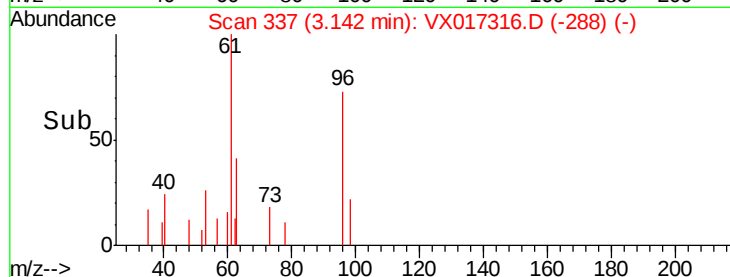
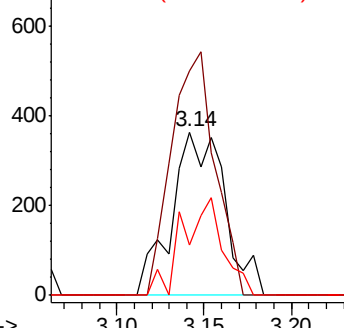
96 100

61 137.4 107.0 160.6

98 30.8 51.6 77.4#



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: 2.749 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017316.D

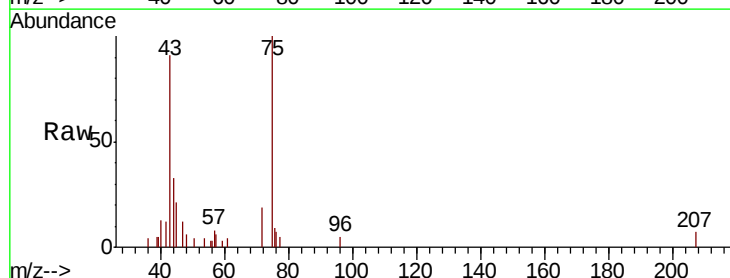
Acq: 09 Jul 2020 18:27

Tgt Ion: 43 Resp: 5495

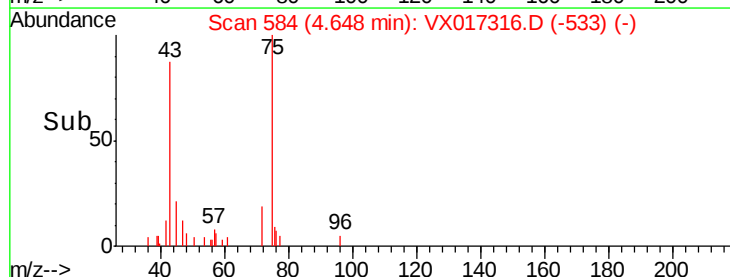
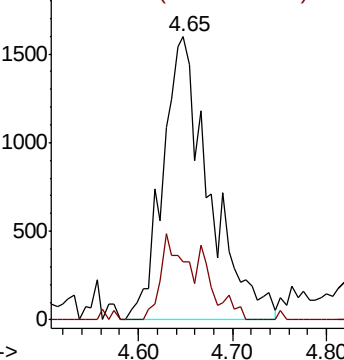
Ion Ratio Lower Upper

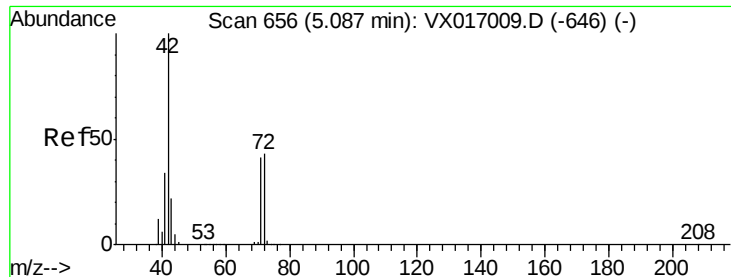
43 100

72 20.6 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

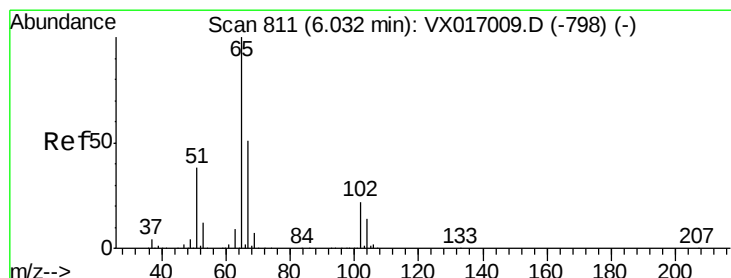
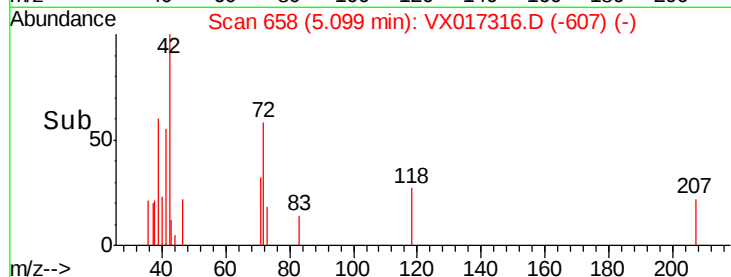
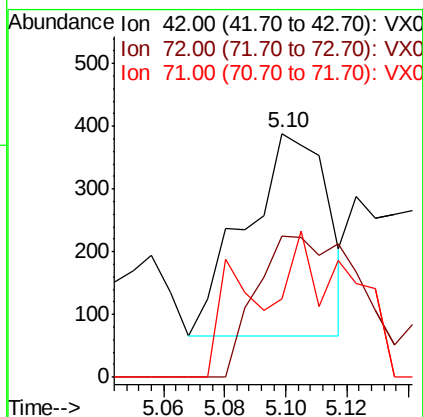
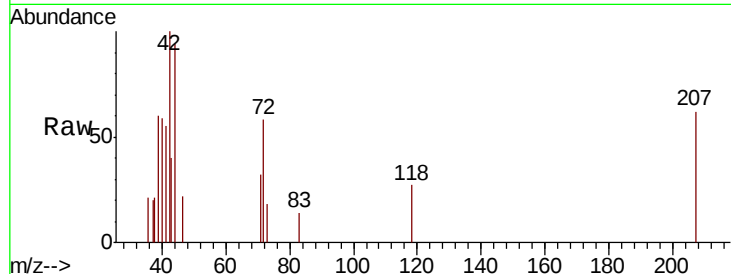




#29
Tetrahydrofuran
Concen: 0.457 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

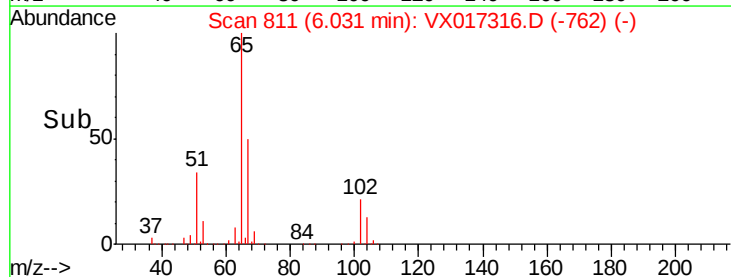
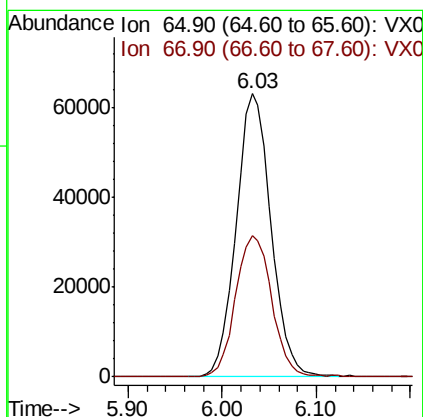
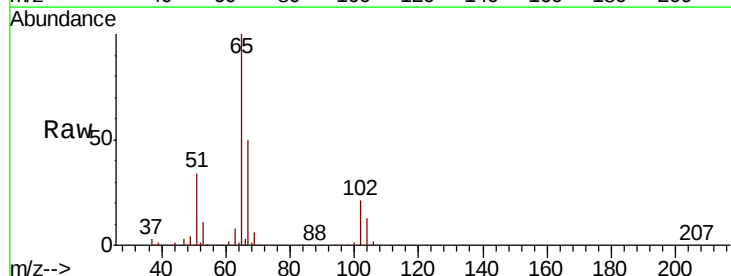
Instrument :
MSVOA_X
ClientSampled :
PB130076TB

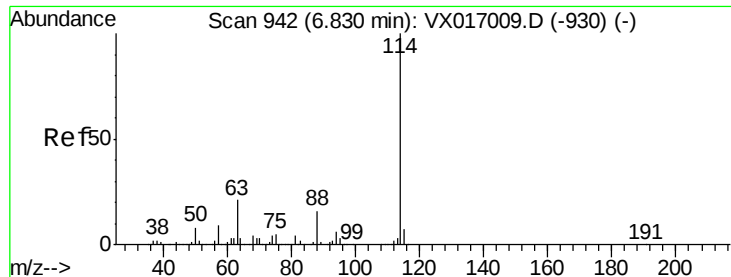
Tot Ion: 42 Resp: 603
Ion Ratio Lower Upper
42 100
72 101.2 35.3 52.9#
71 57.4 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 50.958 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion: 65 Resp: 163431
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

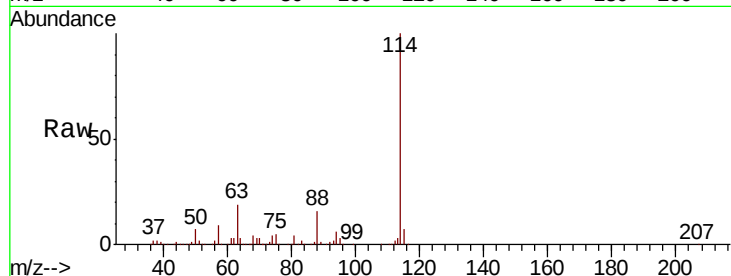
Tot Ion:114 Resp: 432178

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

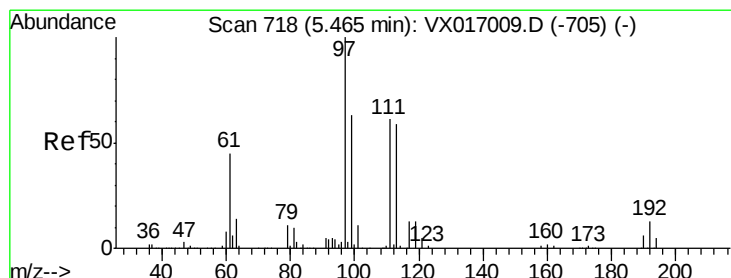
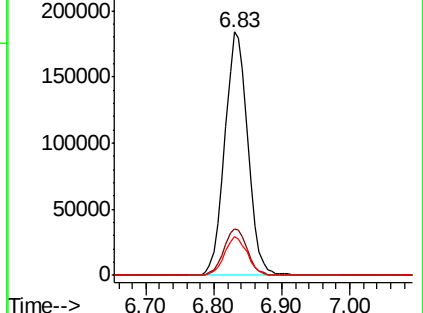
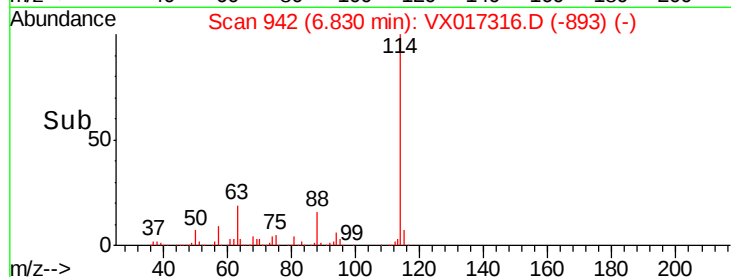
88 15.8 0.0 32.4



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: 52.495 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

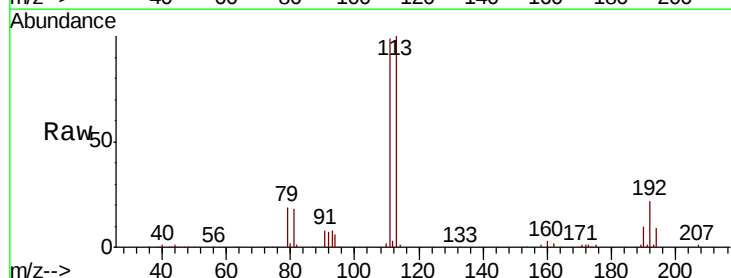
Tgt Ion:113 Resp: 143511

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

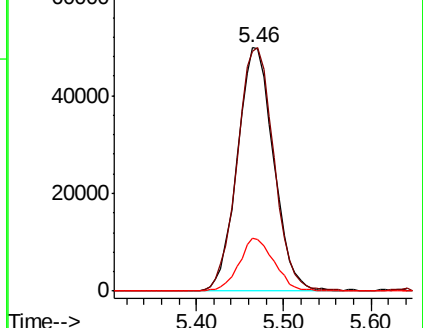
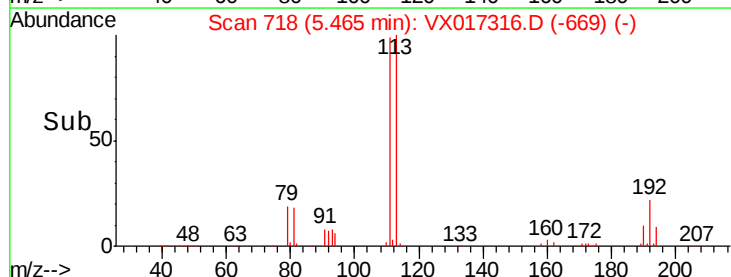
192 21.0 16.7 25.1

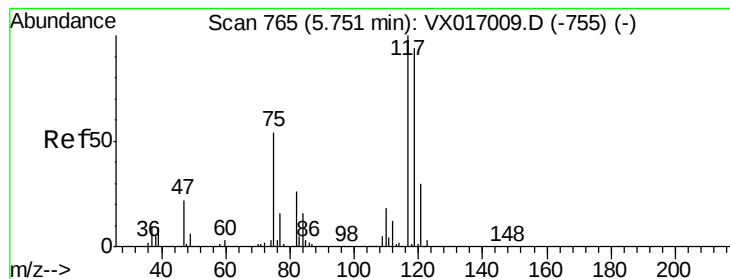


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

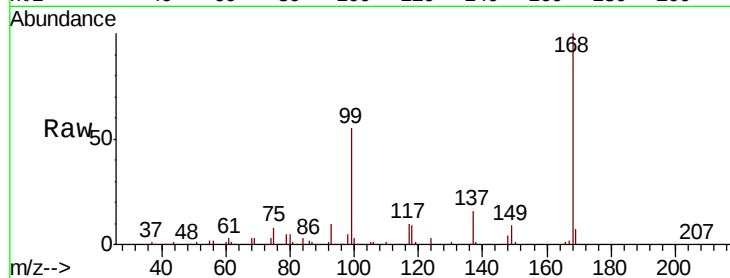
Tot Ion:117 Resp: 25247

Ion Ratio Lower Upper

117 100

119 6.7 75.4 113.0#

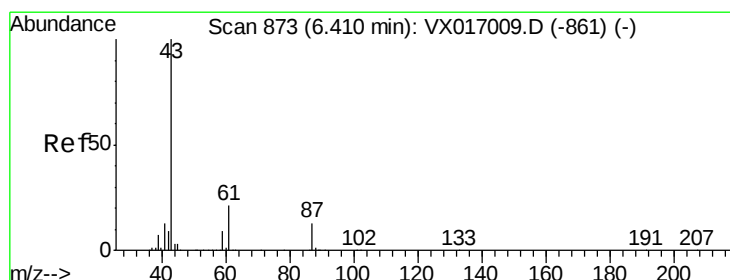
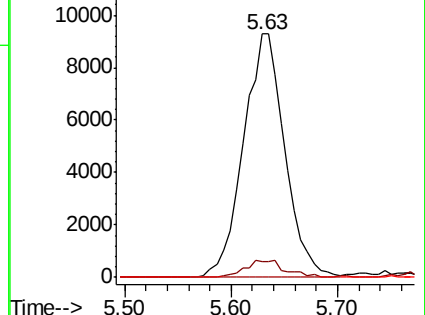
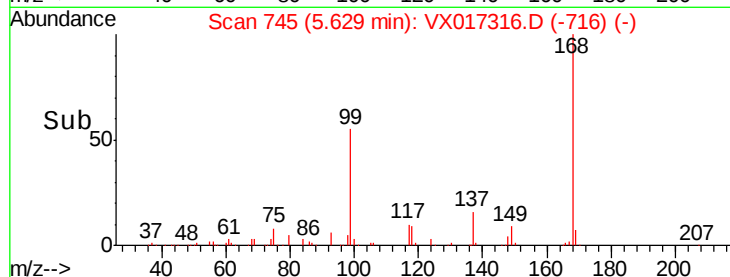
121 0.0 23.8 35.6#



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



#43

Isopropyl Acetate

Concen: 11.076 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

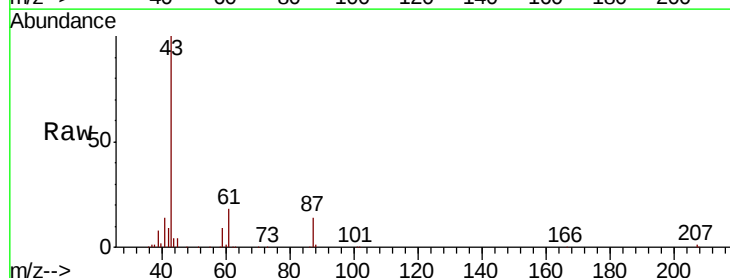
Tgt Ion: 43 Resp: 76274

Ion Ratio Lower Upper

43 100

61 19.5 16.2 24.2

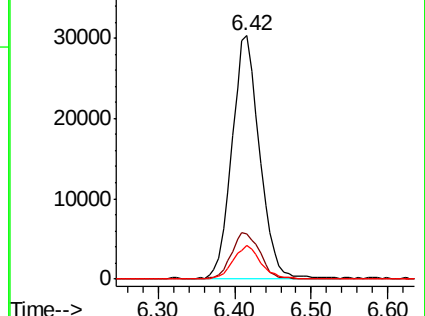
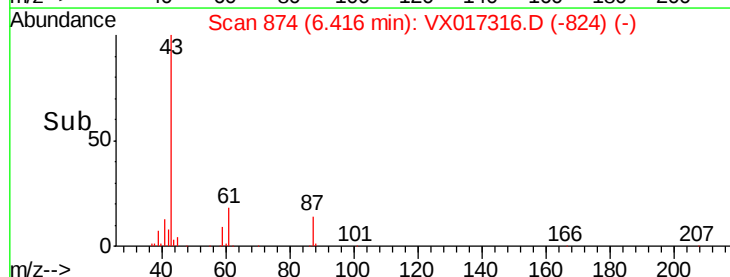
87 13.9 10.7 16.1

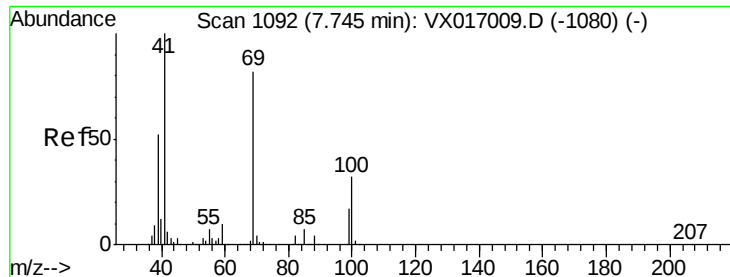


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

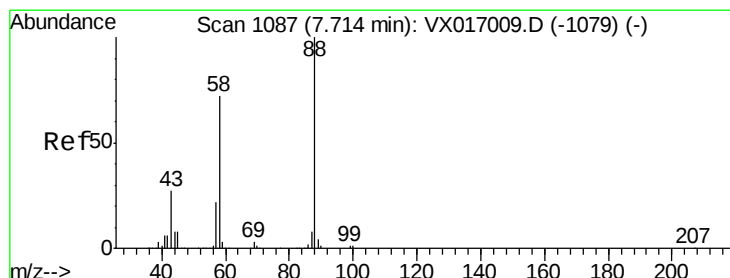
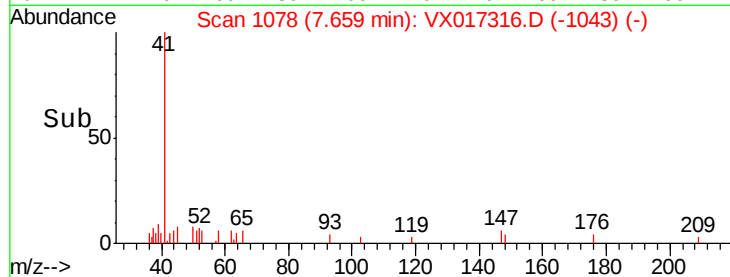
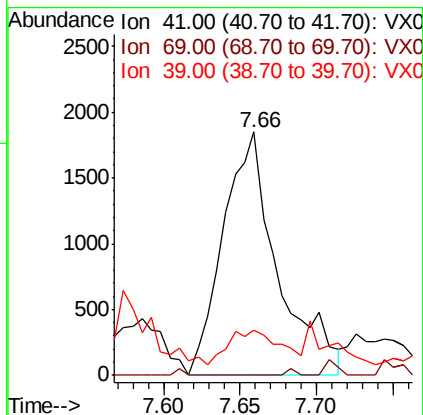
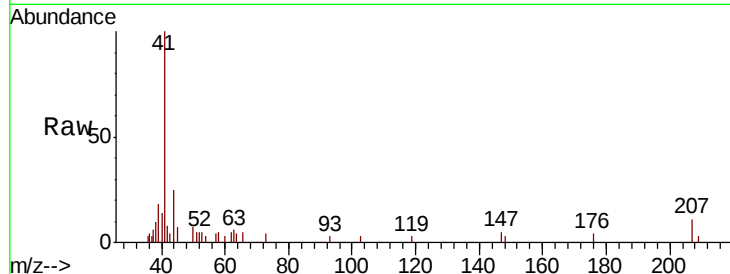




#48
Methyl methacrylate
Concen: 1.403 ug/l
RT: 7.66 min Scan# 1078
Delta R.T. -0.09 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

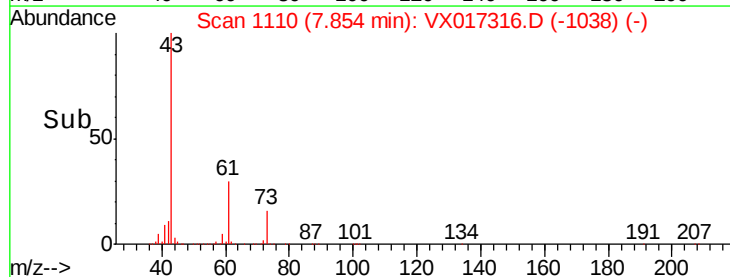
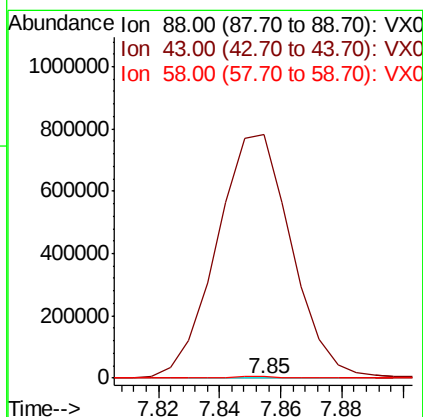
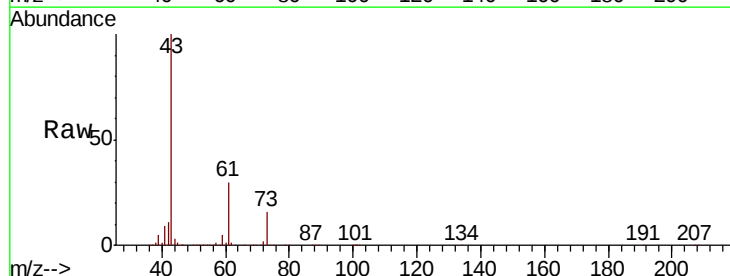
Instrument :
MSVOA_X
ClientSampleID :
PB130076TB

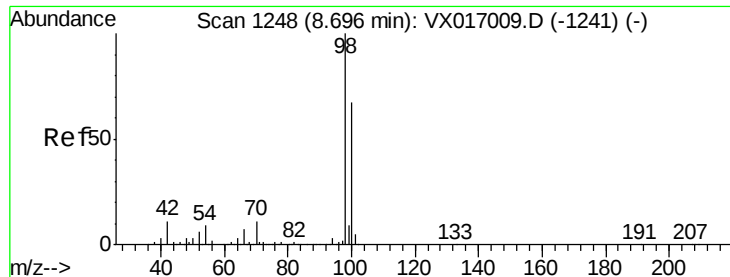
Tot Ion: 41 Resp: 4590
Ion Ratio Lower Upper
41 100
69 0.0 65.8 98.8#
39 0.0 42.5 63.7#



#49
1,4-Dioxane
Concen: 3.805 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.14 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 474619.1 25.8 38.8#
58 2310.6 54.8 82.2#





#50

Toluene-d8

Concen: 52.865 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

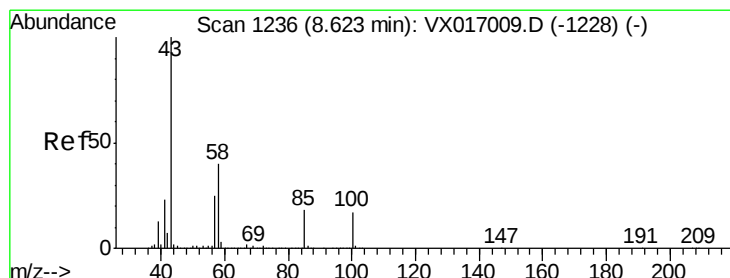
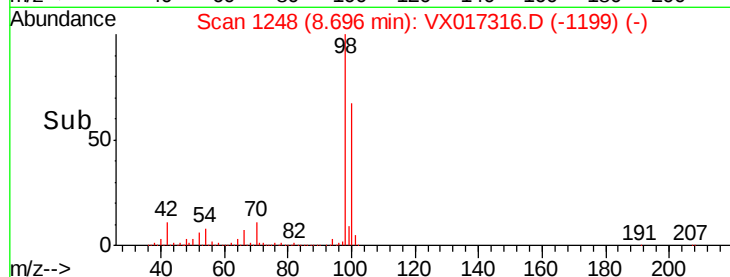
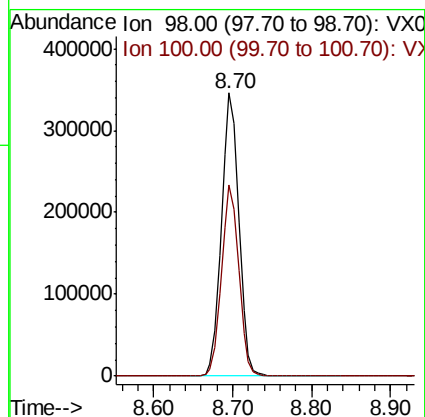
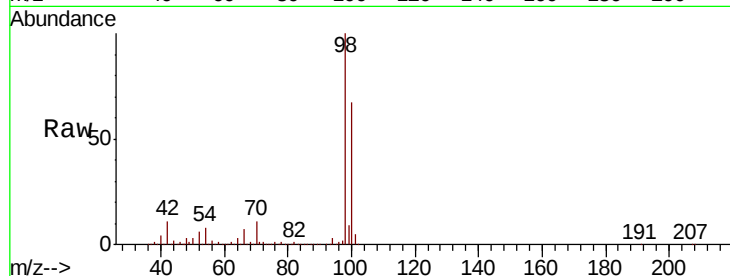
PB130076TB

Tot Ion: 98 Resp: 534420

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 17.484 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX017316.D

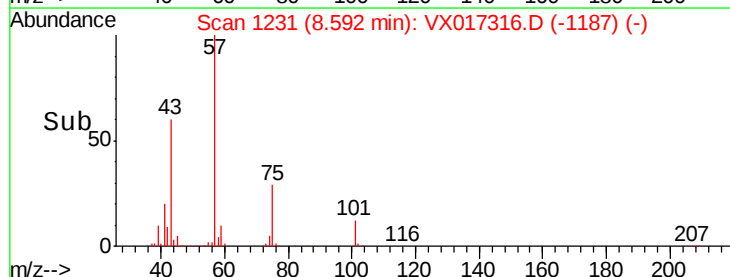
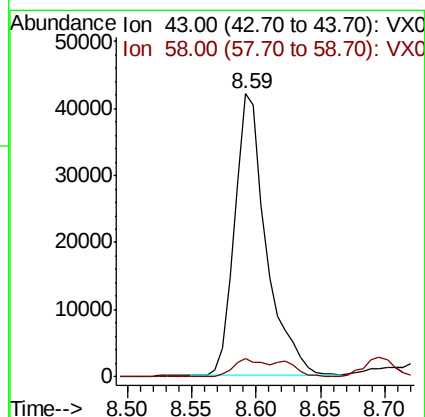
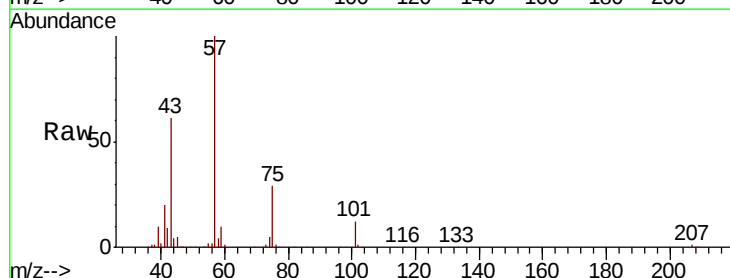
Acq: 09 Jul 2020 18:27

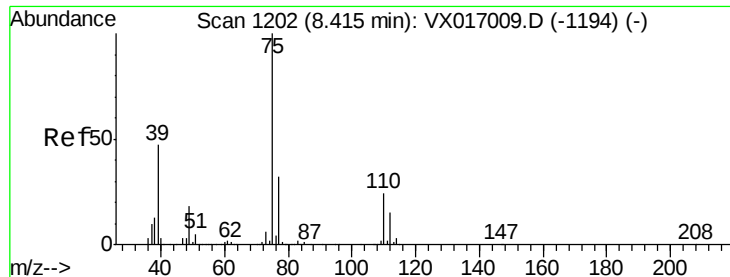
Tgt Ion: 43 Resp: 71772

Ion Ratio Lower Upper

43 100

58 6.5 31.9 47.9#



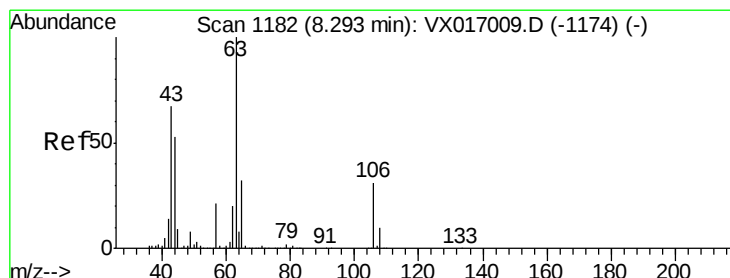
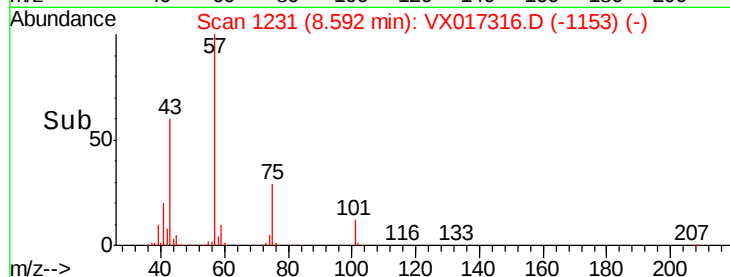
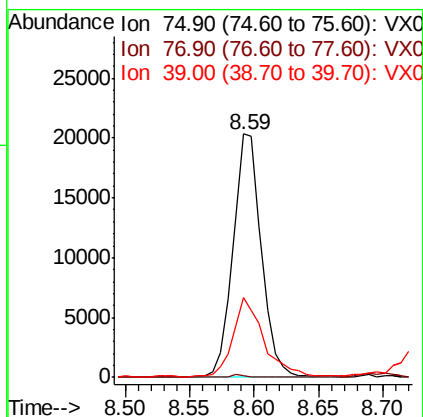
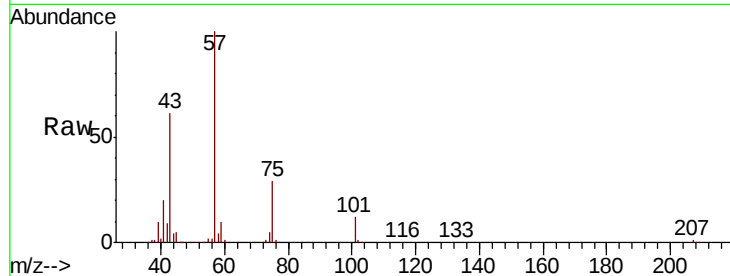


#54

cis-1,3-Dichloropropene
 Concen: 6.086 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampled :
 PB130076TB

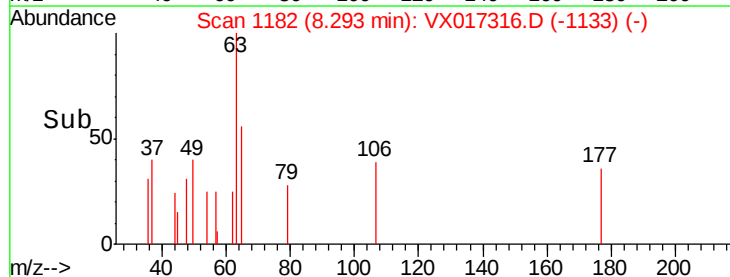
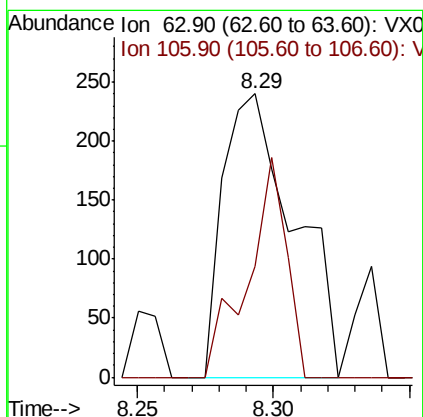
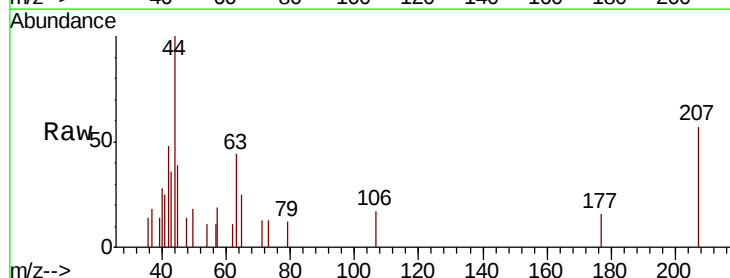
Tot Ion: 75 Resp: 31218
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.2 37.8#
 39 32.5 37.4 56.2#

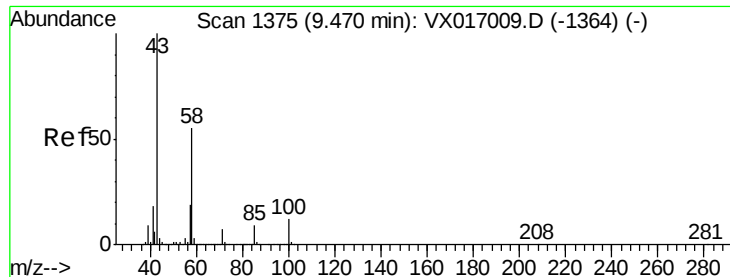


#58

2-Chloroethyl Vinyl ether
 Concen: 0.200 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Tgt Ion: 63 Resp: 434
 Ion Ratio Lower Upper
 63 100
 106 42.4 24.0 36.0#

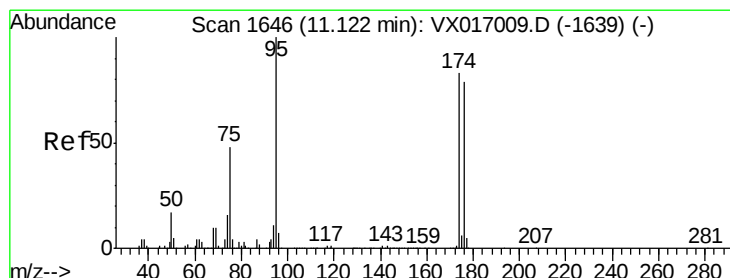
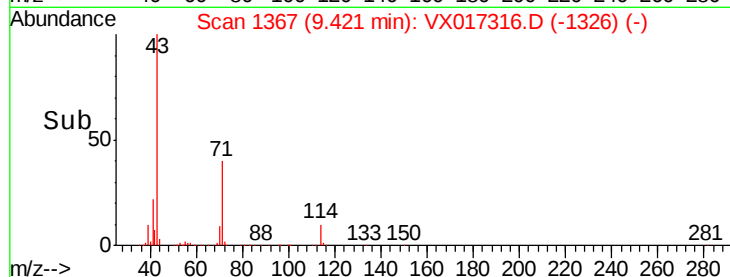
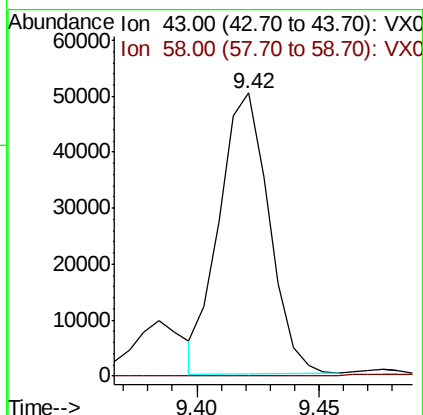
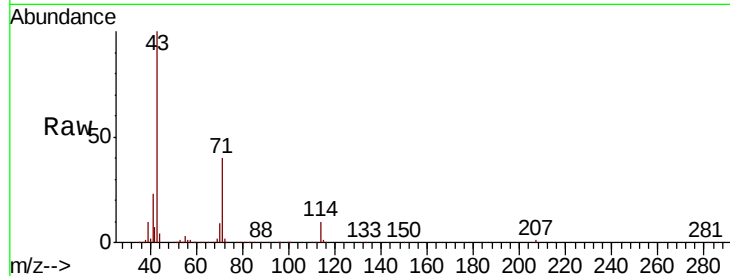




#59
2-Hexanone
Concen: 23.538 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

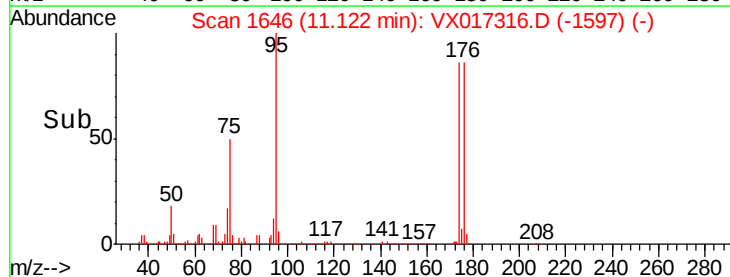
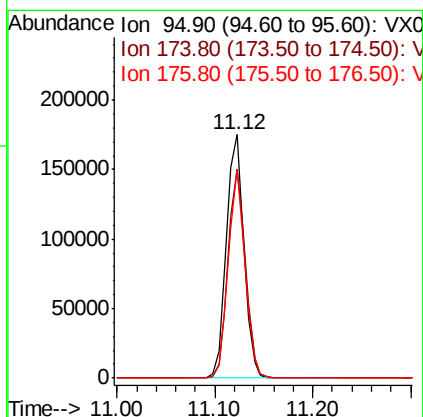
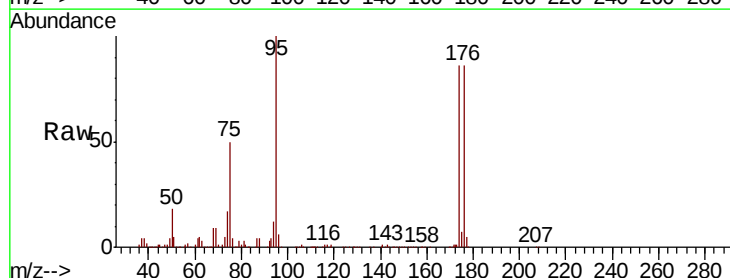
Instrument :
MSVOA_X
ClientSampleId :
PB130076TB

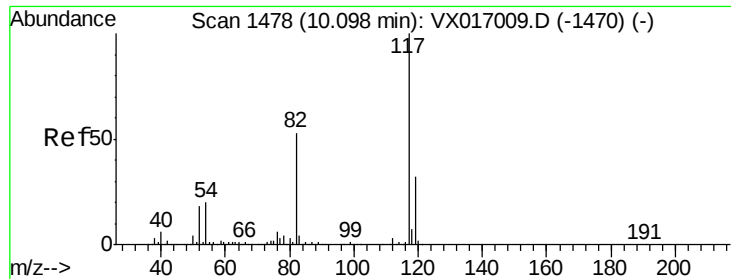
Tot Ion: 43 Resp: 70570
Ion Ratio Lower Upper
43 100
58 0.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 55.106 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion: 95 Resp: 217766
Ion Ratio Lower Upper
95 100
174 85.7 0.0 164.0
176 82.5 0.0 157.6

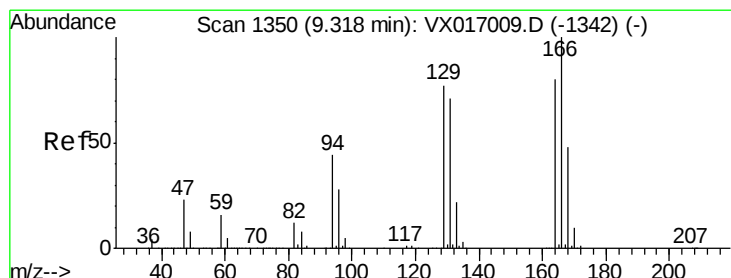
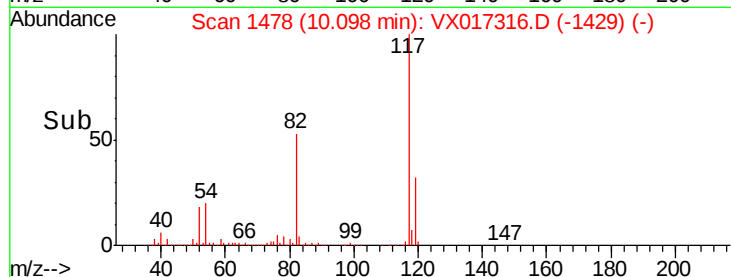
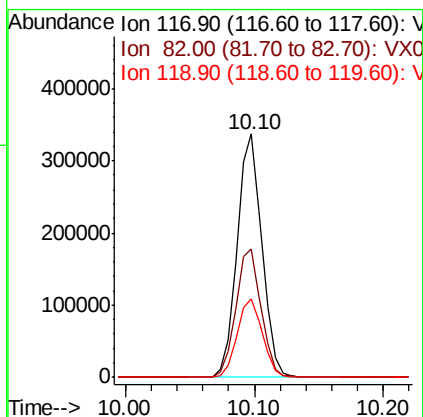
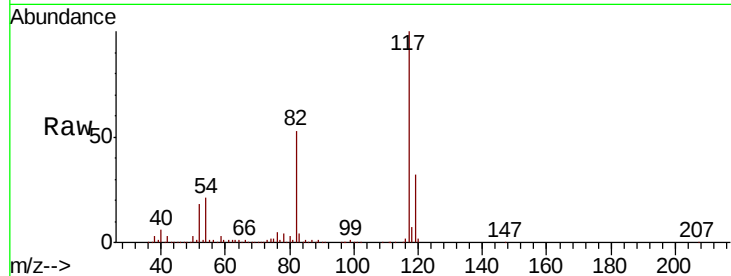




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

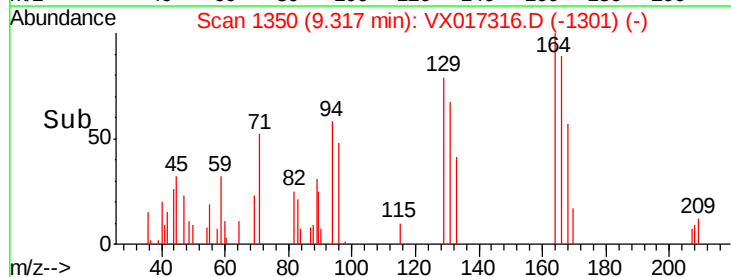
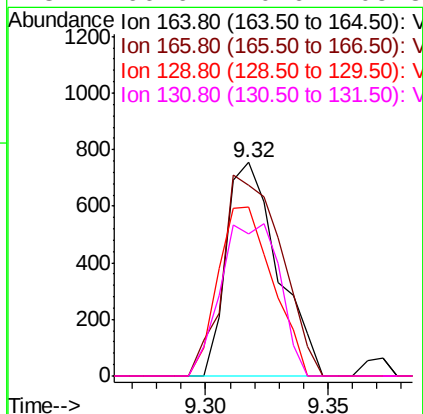
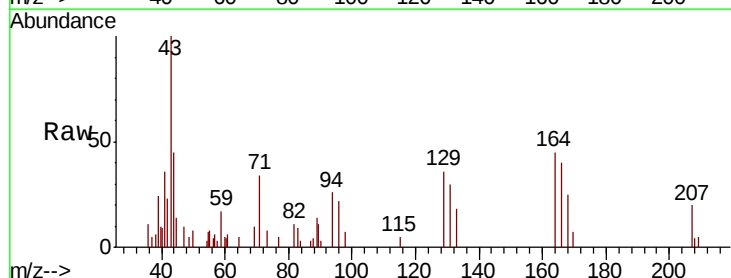
Instrument :
MSVOA_X
ClientSampleId :
PB130076TB

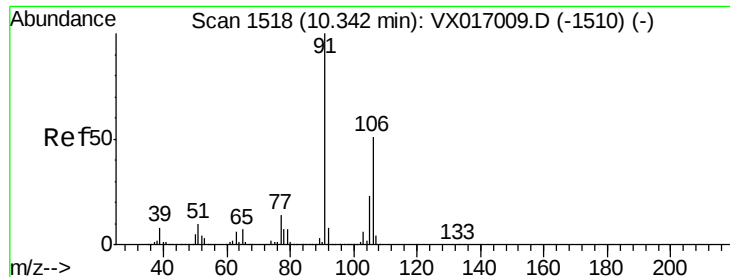
Tot Ion:117 Resp: 449600
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 0.306 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017316.D
Acq: 09 Jul 2020 18:27

Tgt Ion:164 Resp: 1111
Ion Ratio Lower Upper
164 100
166 89.1 99.4 149.0#
129 79.3 76.3 114.5
131 66.6 70.6 105.8#





#68

m/p-Xvlenes

Concen: 0.290 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

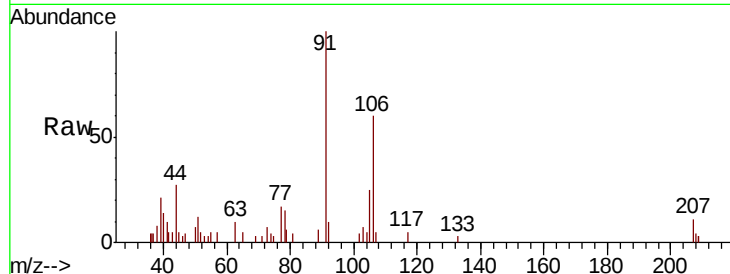
PB130076TB

Tot Ion:106 Resp: 1726

Ion Ratio Lower Upper

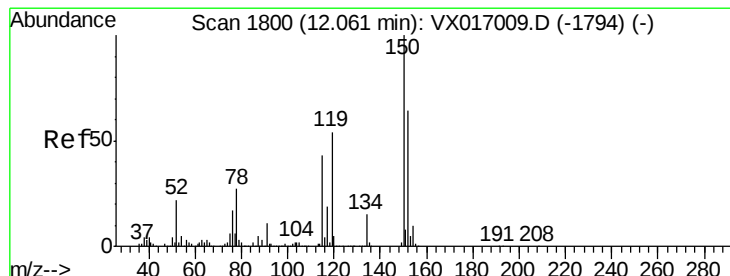
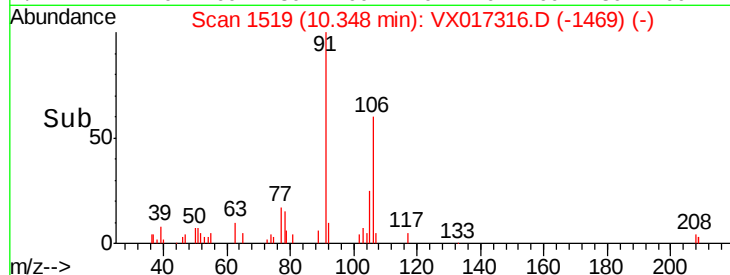
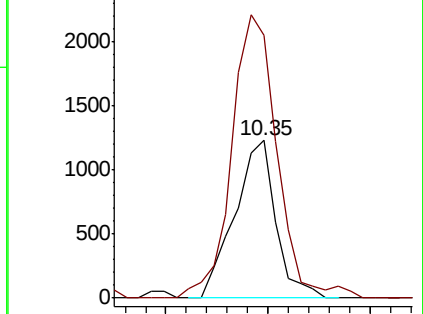
106 100

91 197.0 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

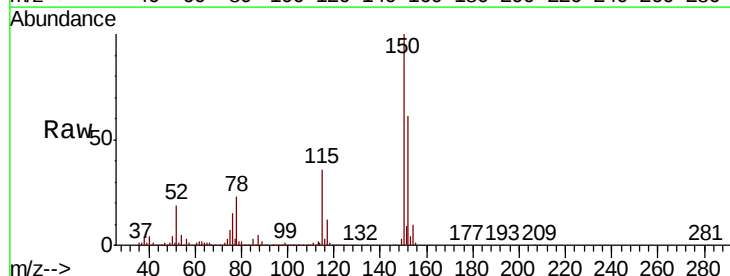
Tgt Ion:152 Resp: 231920

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

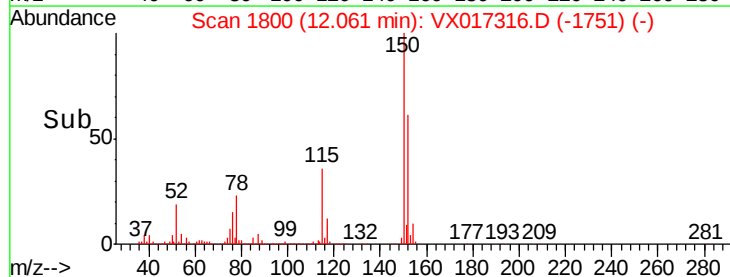
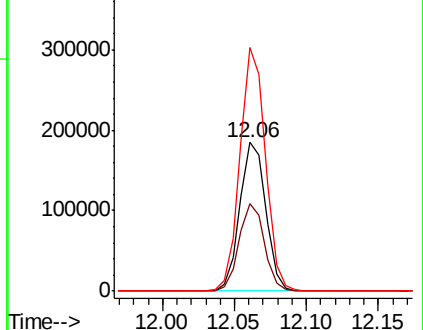
150 159.9 0.0 351.6

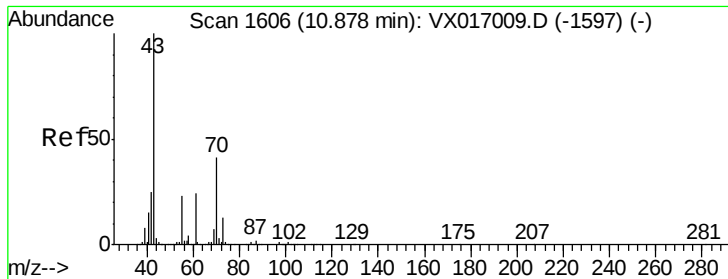


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.625 ug/l

RT: 10.81 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

Tot Ion: 43 Resp: 4050

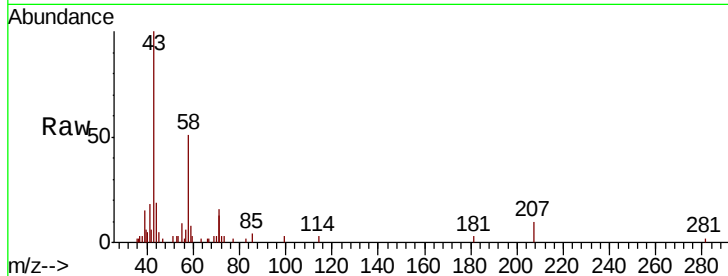
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 11.6 19.2 28.8#

61 0.0 19.6 29.4#

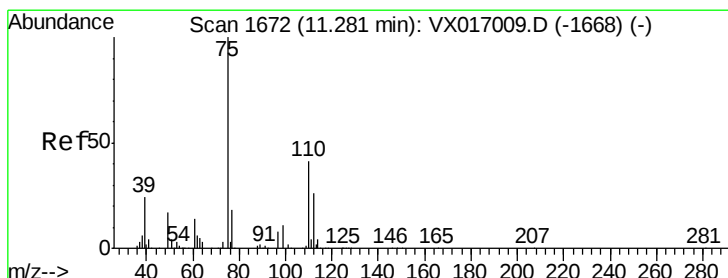
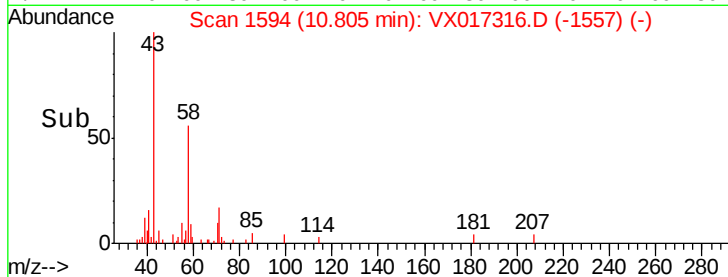
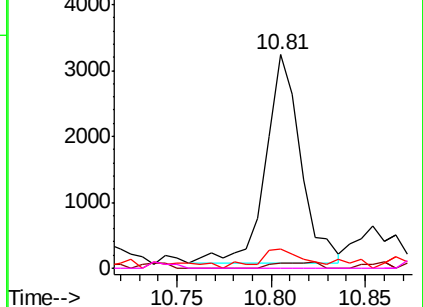


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.126 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017316.D

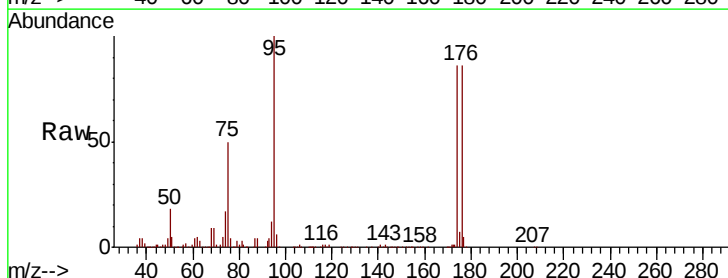
Acq: 09 Jul 2020 18:27

Tgt Ion: 75 Resp: 110028

Ion Ratio Lower Upper

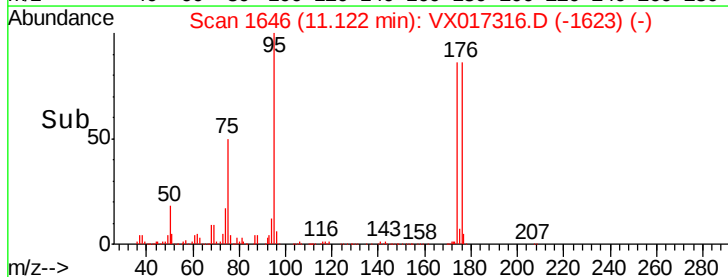
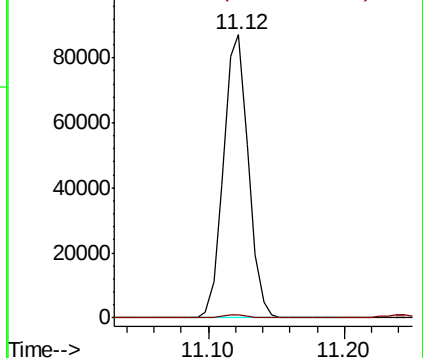
75 100

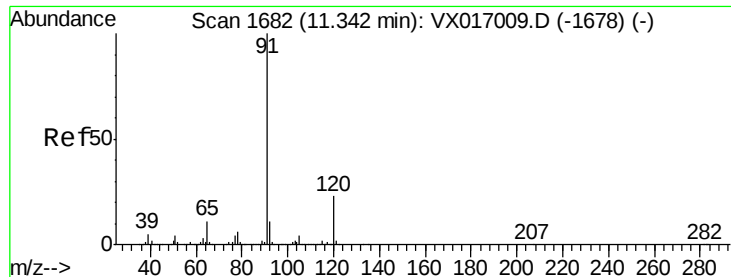
77 1.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.209 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

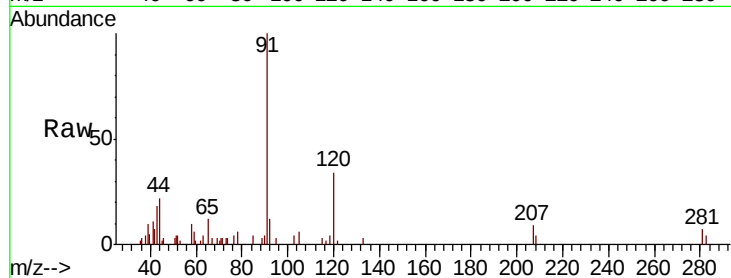
PB130076TB

Tot Ion: 91 Resp: 3587

Ion Ratio Lower Upper

91 100

120 26.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1678) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1678) (-)

11.34

2500

2000

1500

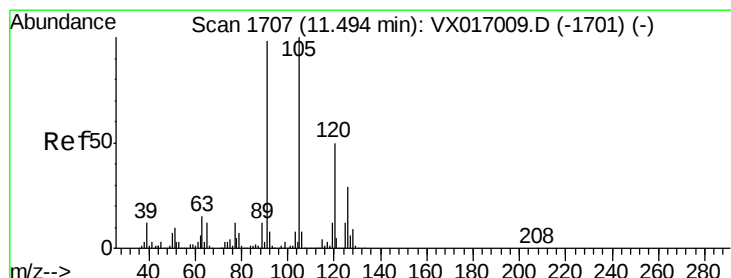
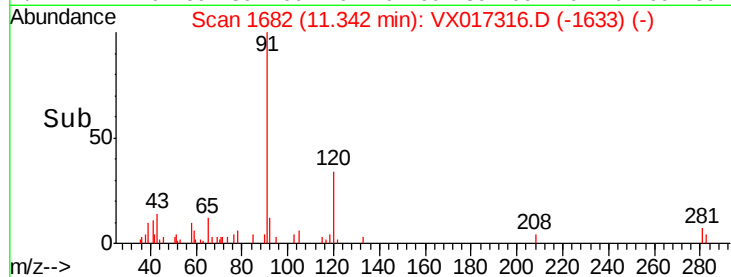
1000

500

0

Time-->

11.30 11.35 11.40



#80

1,3,5-Trimethylbenzene

Concen: 0.646 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017316.D

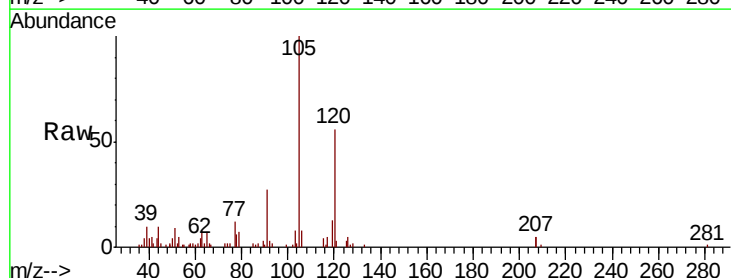
Acq: 09 Jul 2020 18:27

Tgt Ion: 105 Resp: 8135

Ion Ratio Lower Upper

105 100

120 52.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

11.49

6000

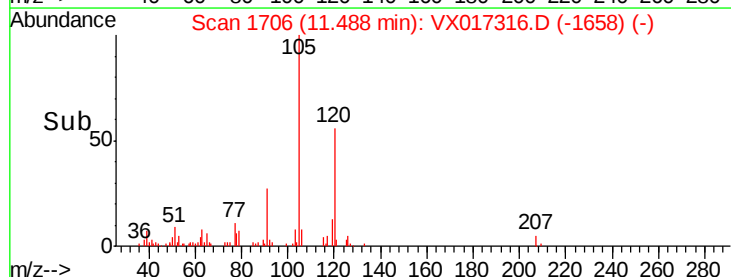
4000

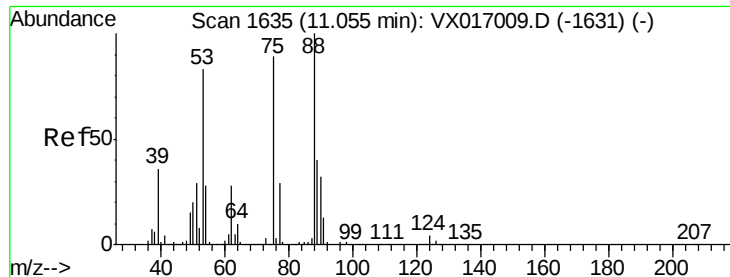
2000

0

Time-->

11.45 11.50 11.55





#81

trans-1,4-Dichloro-2-butene

Concen: 62.477 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

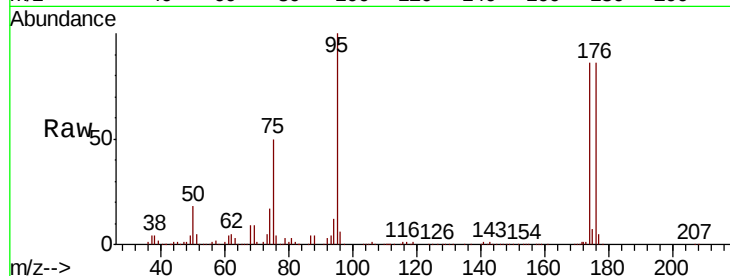
Tot Ion: 75 Resp: 110028

Ion Ratio Lower Upper

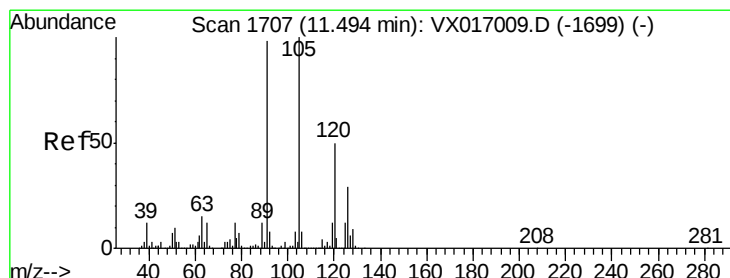
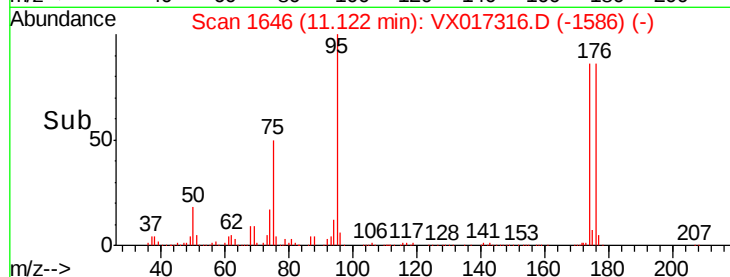
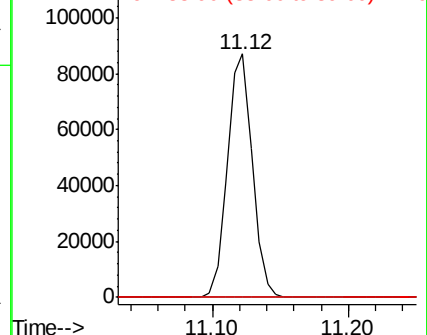
75 100

53 0.2 72.4 108.6#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.281 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017316.D

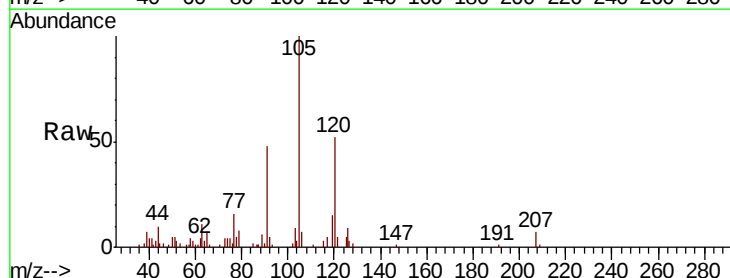
Acq: 09 Jul 2020 18:27

Tgt Ion: 91 Resp: 3493

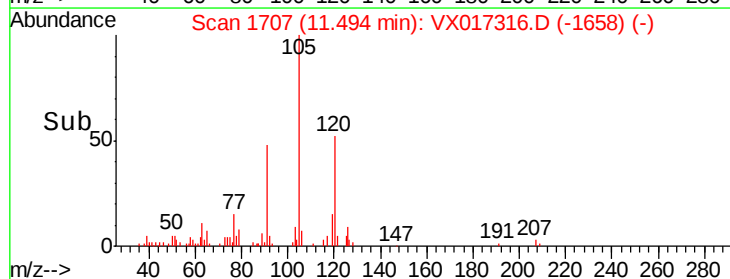
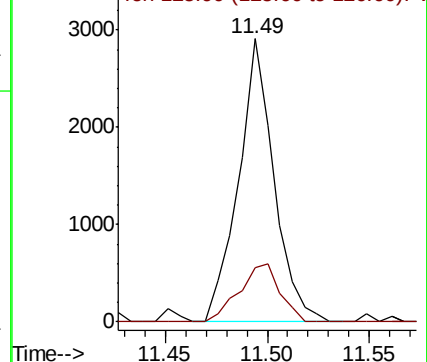
Ion Ratio Lower Upper

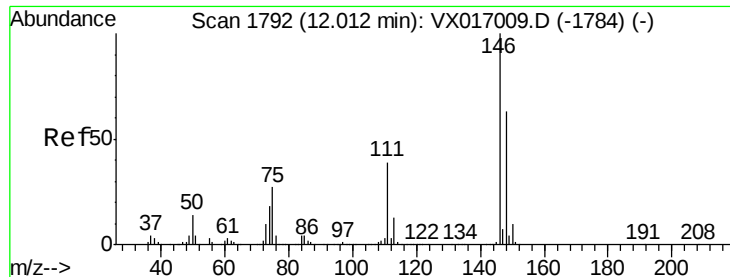
91 100

126 23.5 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

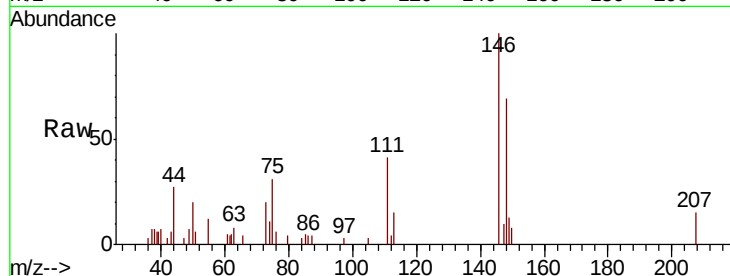




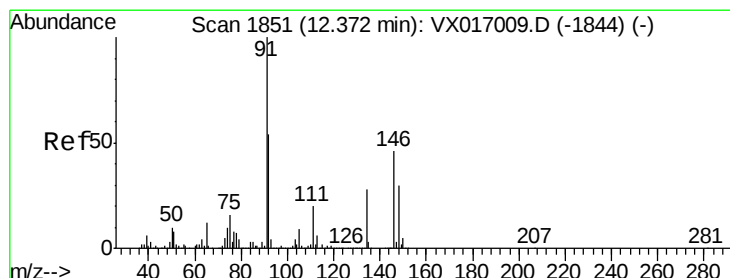
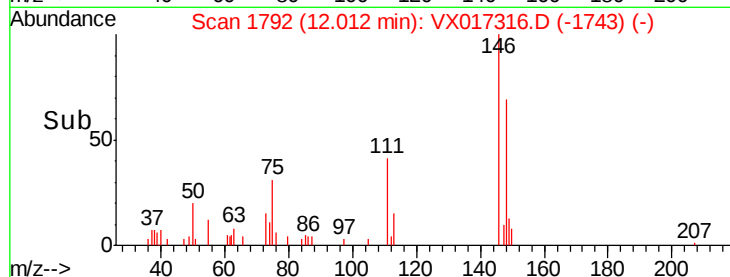
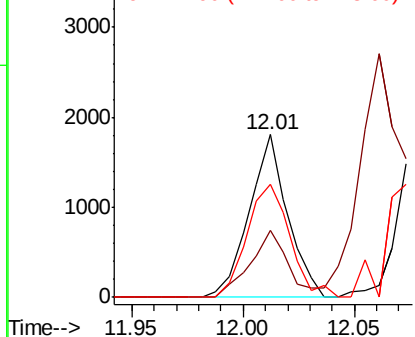
#87
 1,3-Dichlorobenzene
 Concen: 0.286 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130076TB

Tot Ion:146 Resp: 2166
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 77.5 32.5 97.5

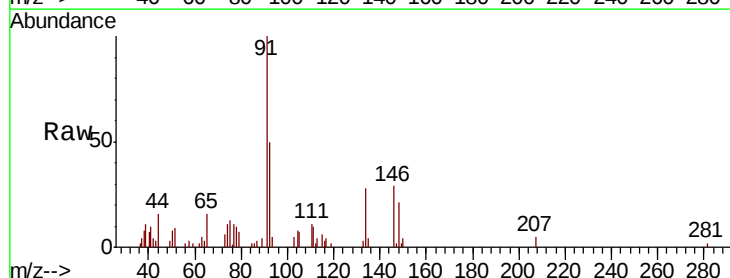


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

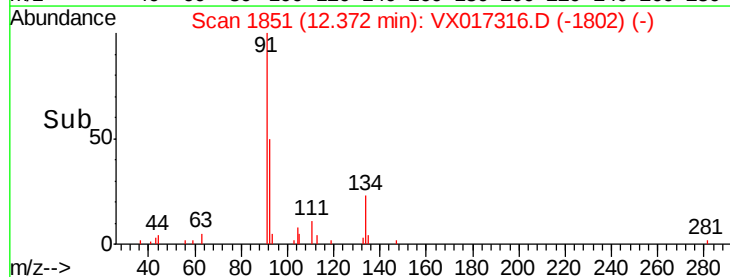
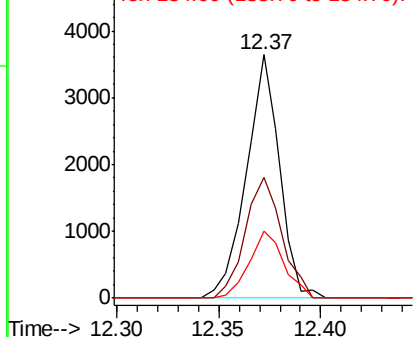


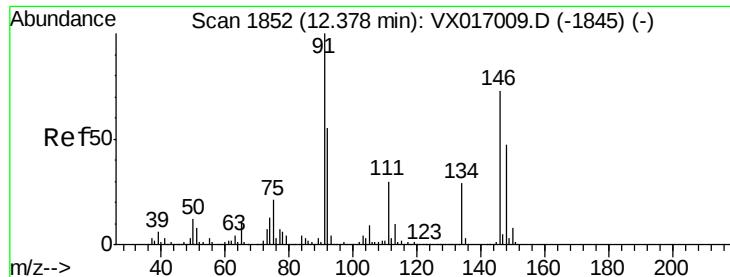
#89
 n-Butylbenzene
 Concen: 0.340 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Tgt Ion: 91 Resp: 4115
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.2 81.6
 134 28.8 13.6 40.7



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

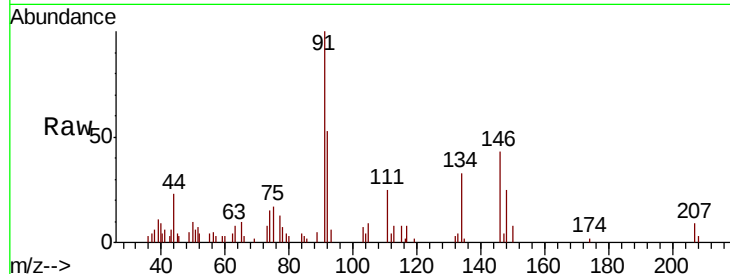




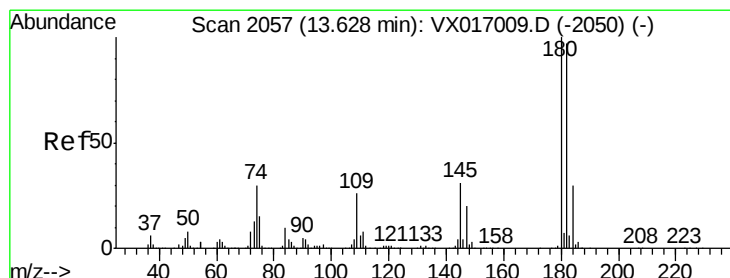
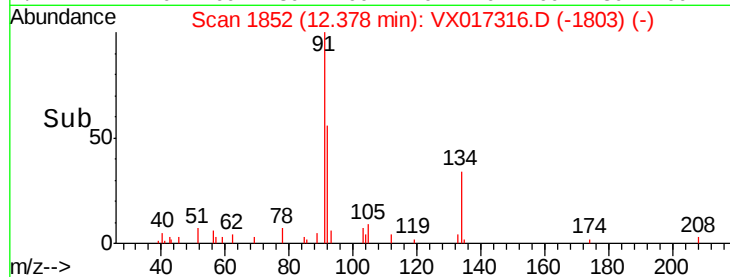
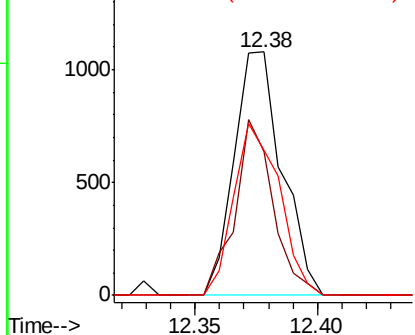
#91
 1,2-Dichlorobenzene
 Concen: 0.208 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130076TB

Tot Ion:146 Resp: 1476
 Ion Ratio Lower Upper
 146 100
 111 57.5 20.6 61.9
 148 67.3 32.4 97.2

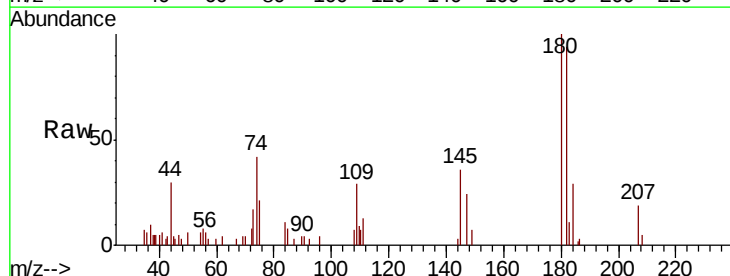


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

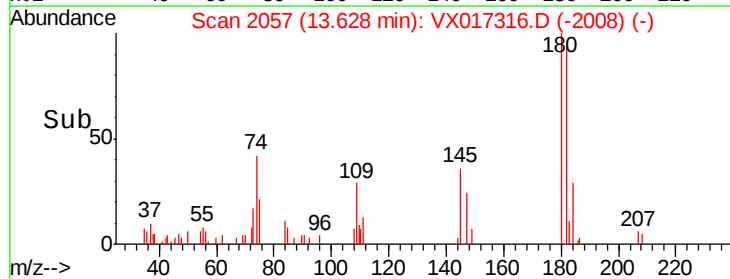
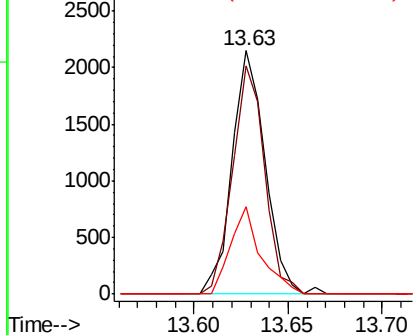


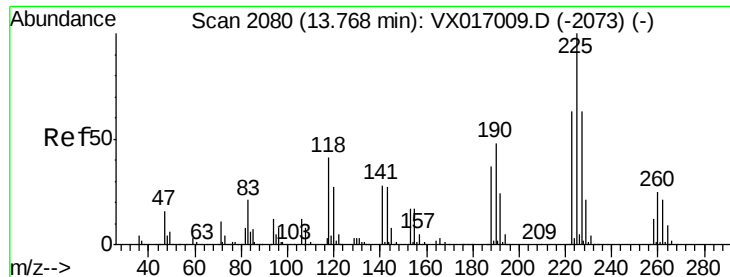
#93
 1,2,4-Trichlorobenzene
 Concen: 0.543 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017316.D
 Acq: 09 Jul 2020 18:27

Tgt Ion:180 Resp: 2626
 Ion Ratio Lower Upper
 180 100
 182 90.3 47.3 141.9
 145 32.9 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: 1.579 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

PB130076TB

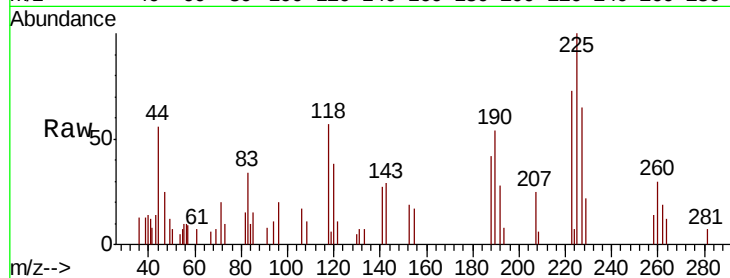
Tot Ion:225 Resp: 1372

Ion Ratio Lower Upper

225 100

223 69.6 32.5 97.5

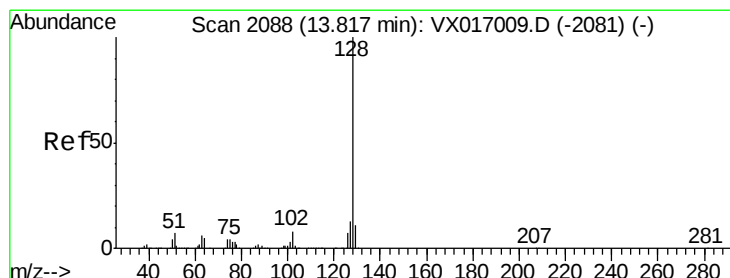
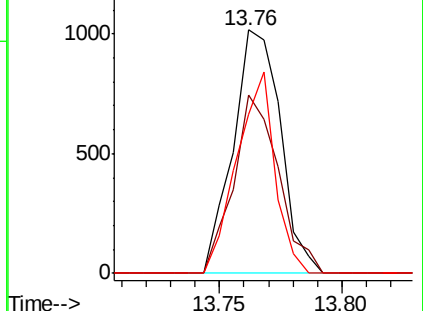
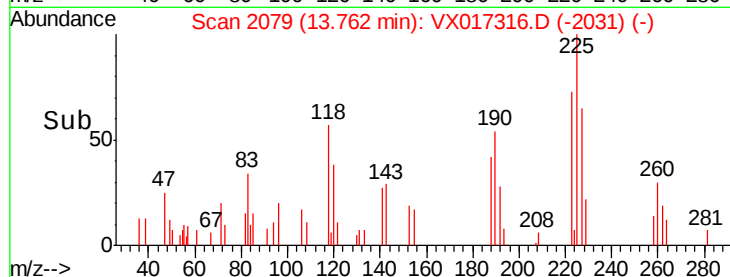
227 66.2 33.1 99.2



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: 0.278 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

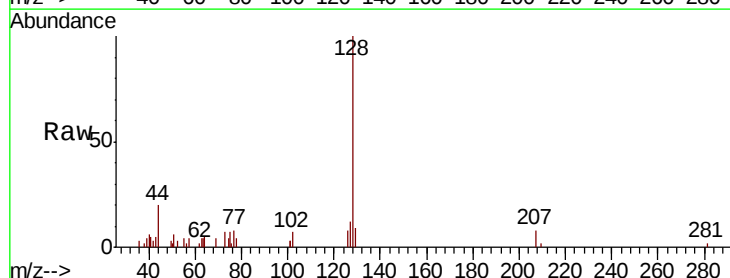
Tgt Ion:128 Resp: 4089

Ion Ratio Lower Upper

128 100

127 16.6 10.2 15.4#

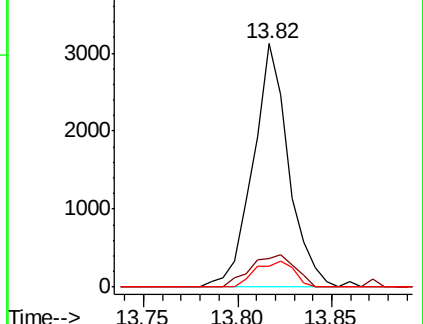
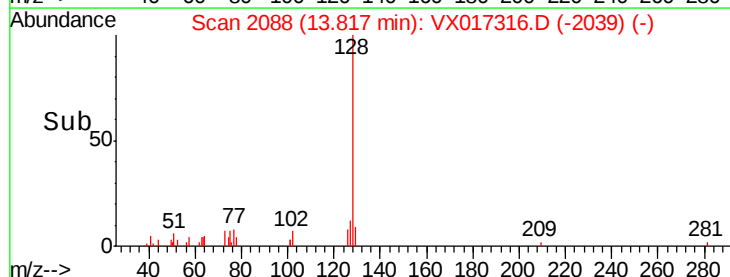
129 11.4 8.7 13.1

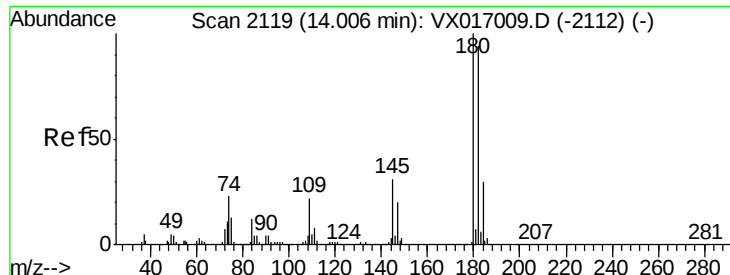


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.428 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017316.D

Acq: 09 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB130076TB

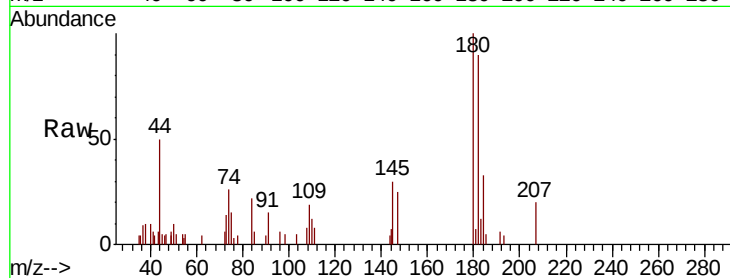
Tot Ion:180 Resp: 2006

Ion Ratio Lower Upper

180 100

182 99.2 47.1 141.4

145 37.5 16.6 49.7



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

