

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027198.D
 Acq On : 25 Feb 2022 18:50
 Operator : JC/MD
 Sample : PB142919ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#03

Quant Time: Feb 25 23:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

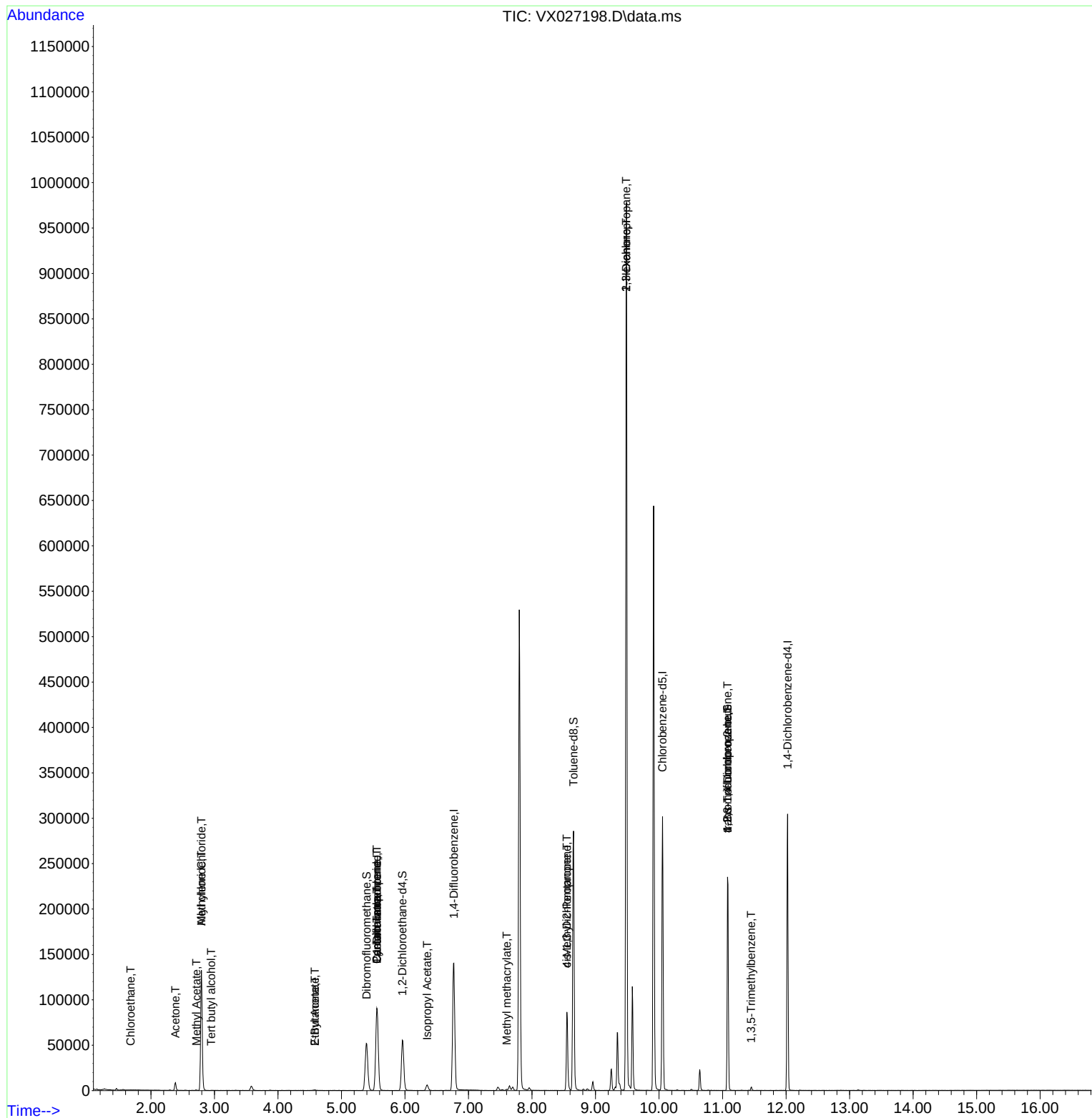
Internal Standards						
1) Pentafluorobenzene	5.556	168	89032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53745	50.263	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.520%		
35) Dibromofluoromethane	5.397	113	46120	49.696	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.400%		
50) Toluene-d8	8.653	98	174500	50.287	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.580%		
62) 4-Bromofluorobenzene	11.079	95	65291	49.018	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.040%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	143	0.283	ug/l #	43
11) Tert butyl alcohol	2.947	59	61	0.293	ug/l #	75
14) Allyl chloride	2.794	41	2237	1.466	ug/l #	25
16) Acetone	2.386	43	8925	19.011	ug/l	95
18) Methyl Acetate	2.715	43	737	0.608	ug/l #	76
20) Methylene Chloride	2.794	84	57475	59.066	ug/l	95
25) 2-Butanone	4.580	43	1374	1.838	ug/l	99
31) Cyclohexane	5.556	56	1512	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6337	4.679	ug/l #	46
37) Ethyl Acetate	4.580	43	1374	0.924	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8813	6.239	ug/l #	17
43) Isopropyl Acetate	6.348	43	8297	3.627	ug/l	99
48) Methyl methacrylate	7.604	41	2315	2.091	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	29592	19.902	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14637	9.665	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	9060	5.423	ug/l #	43
59) 2-Hexanone	9.482	43	119929	105.533	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	32146	24.874	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2034	0.527	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	32146	70.471	ug/l #	3

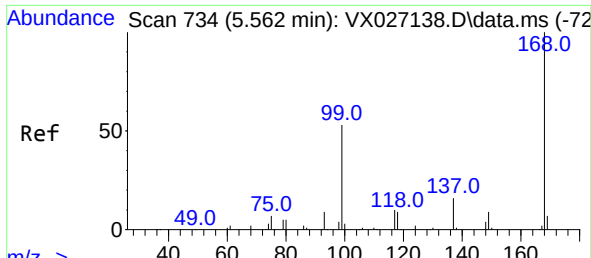
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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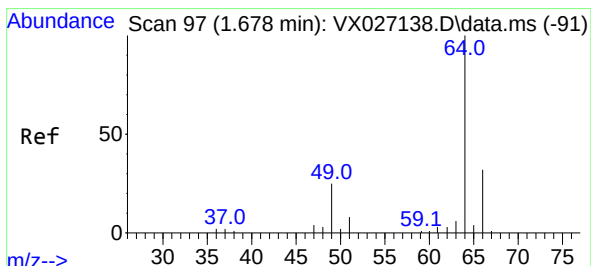
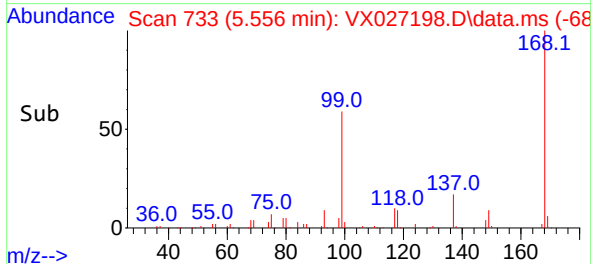
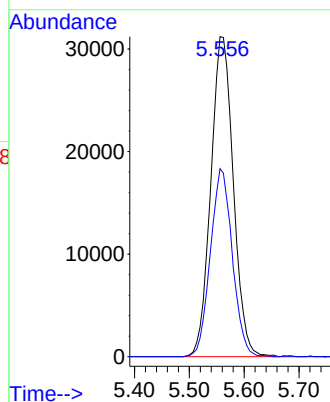
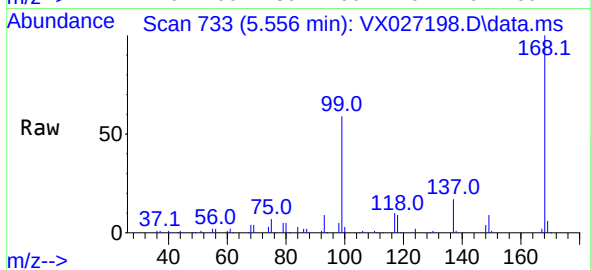




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

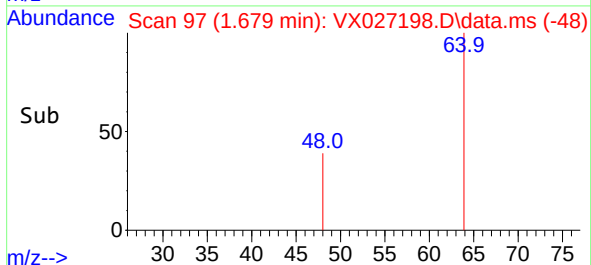
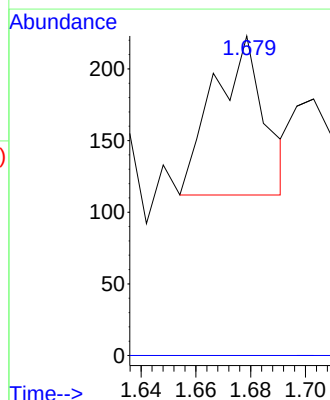
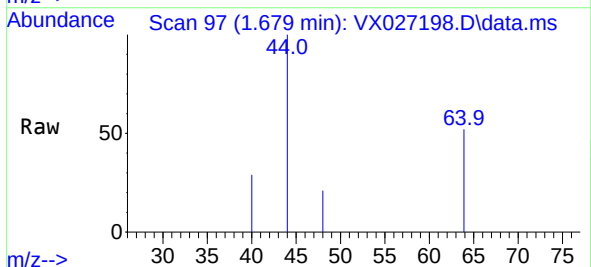
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

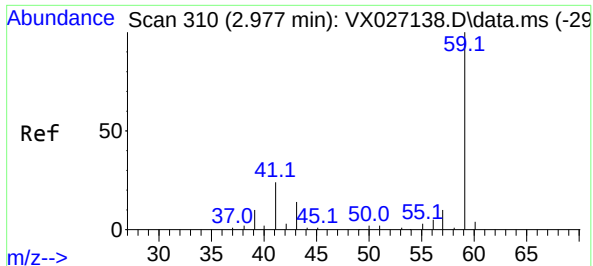
Tgt Ion:168 Resp: 89032
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.293 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

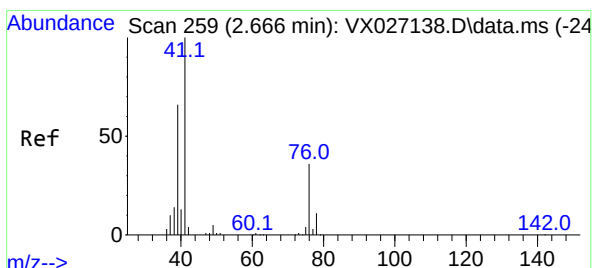
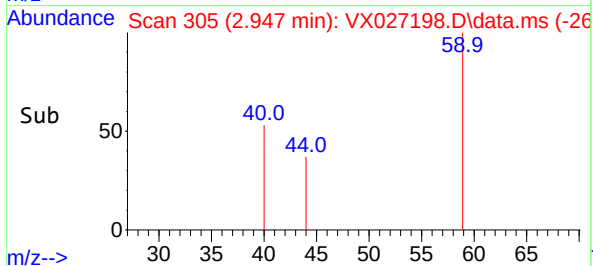
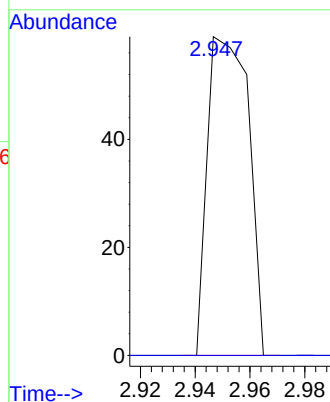
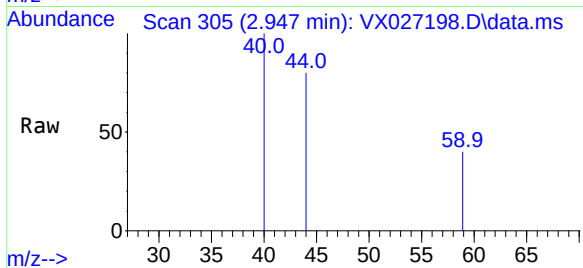
PB142919ZHE#03

Tgt Ion: 59 Resp: 61

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 1.466 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.128 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

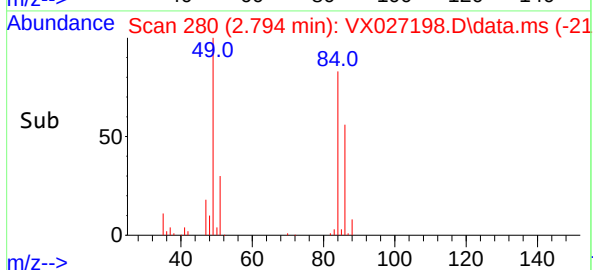
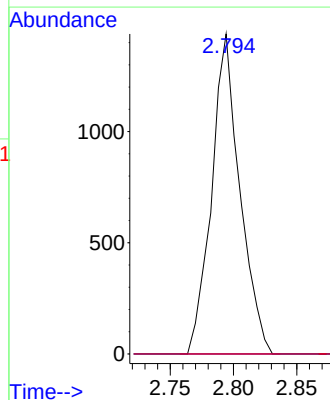
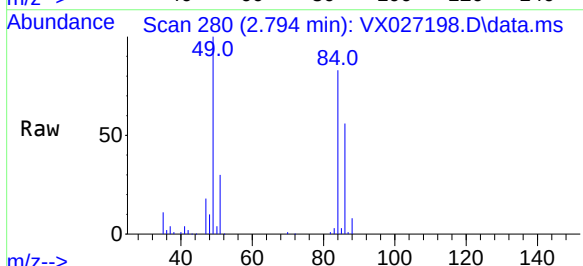
Tgt Ion: 41 Resp: 2237

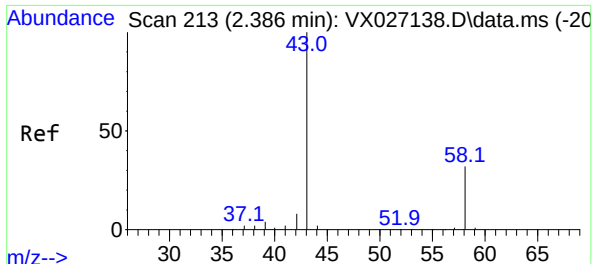
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#

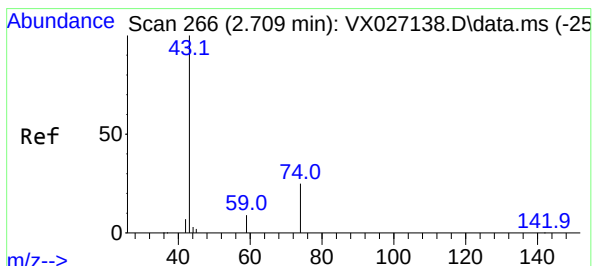
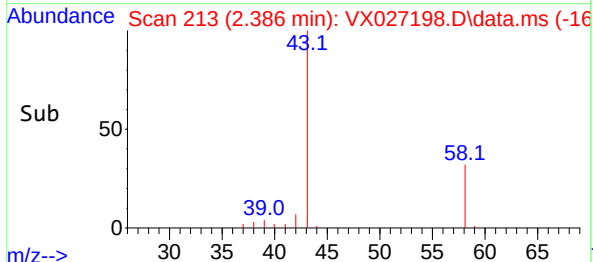
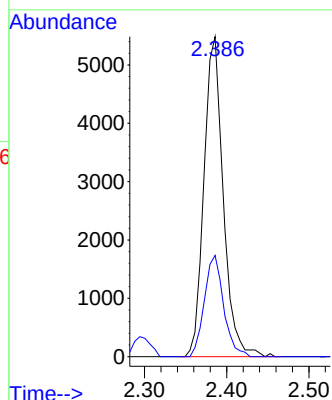
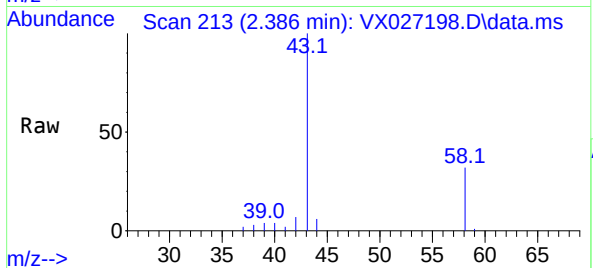




#16
Acetone
Concen: 19.011 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

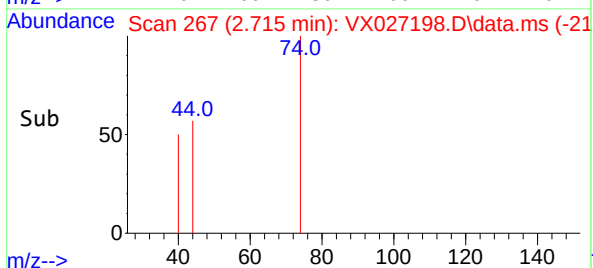
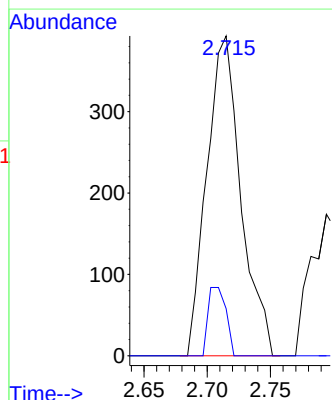
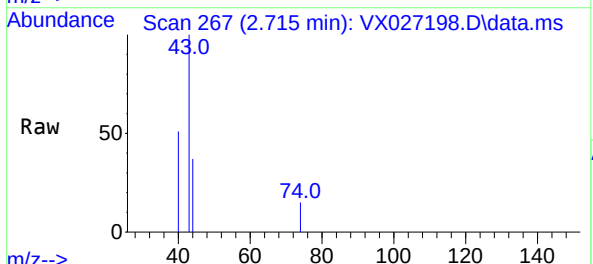
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

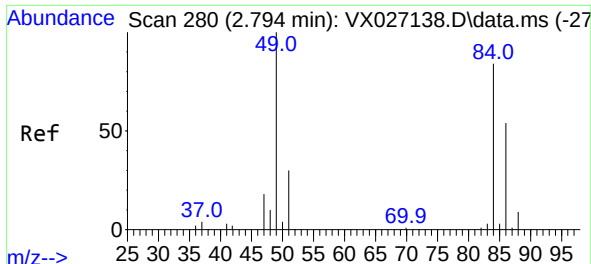
Tgt Ion: 43 Resp: 8925
Ion Ratio Lower Upper
43 100
58 31.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
74 11.3 18.3 27.5#



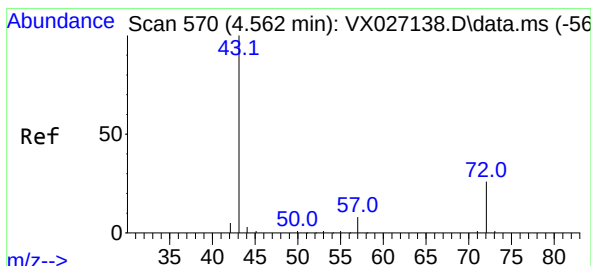
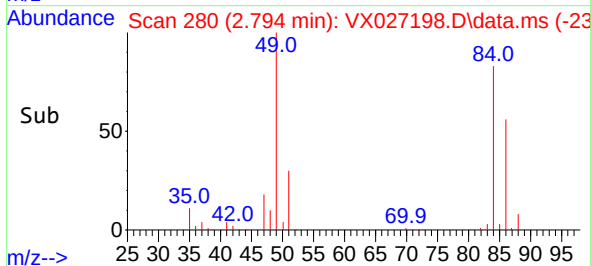
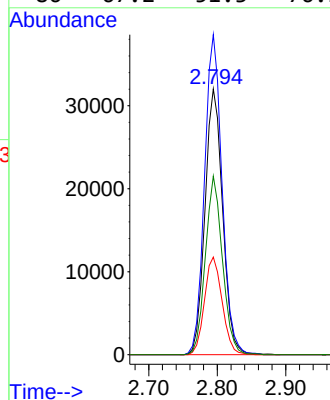
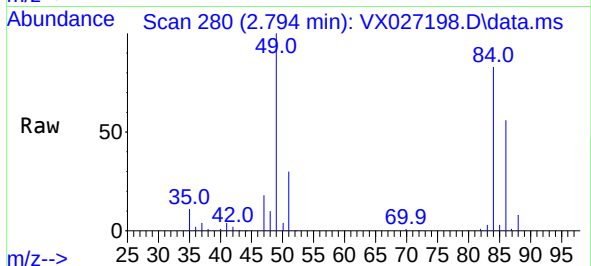


#20
Methylene Chloride
Concen: 59.066 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

Tgt Ion: 84 Resp: 57475

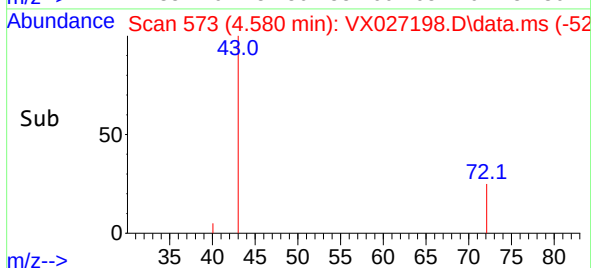
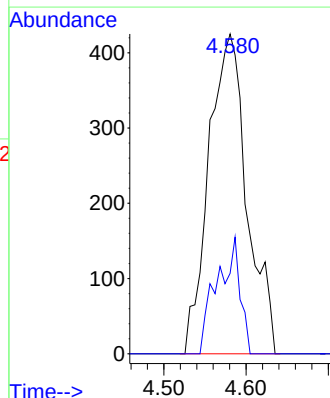
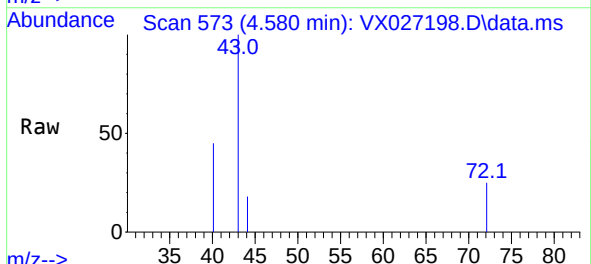
Ion	Ratio	Lower	Upper
84	100		
49	120.4	101.5	152.3
51	36.7	31.2	46.8
86	67.2	51.3	76.9

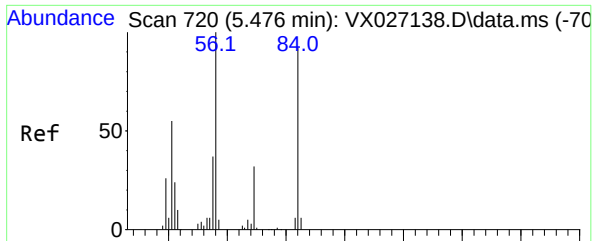


#25
2-Butanone
Concen: 1.838 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 43 Resp: 1374

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.4	30.6





#31
Cyclohexane

Concen: 0.944 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.080 min

Lab File: VX027198.D

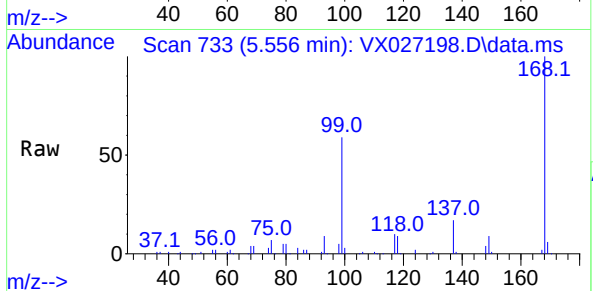
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Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#03



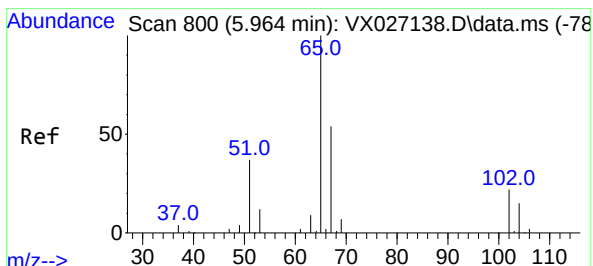
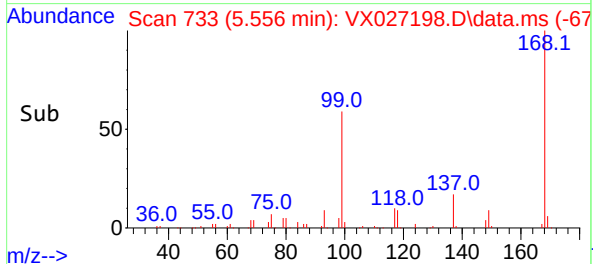
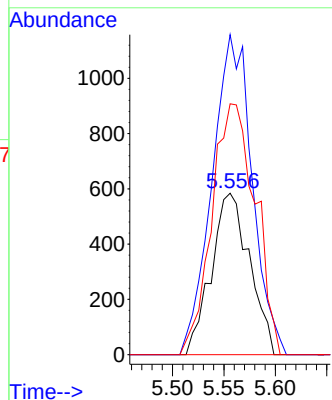
Tgt Ion: 56 Resp: 1512

Ion Ratio Lower Upper

56 100

69 198.3 25.8 38.6#

84 155.5 68.9 103.3#



#33

1,2-Dichloroethane-d4

Concen: 50.263 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027198.D

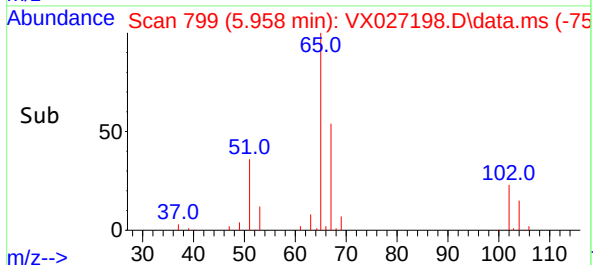
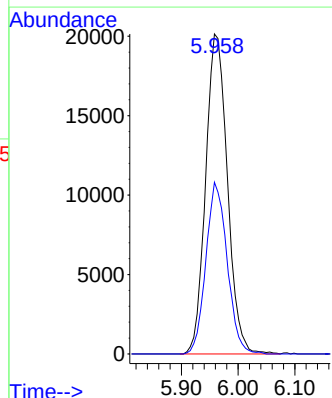
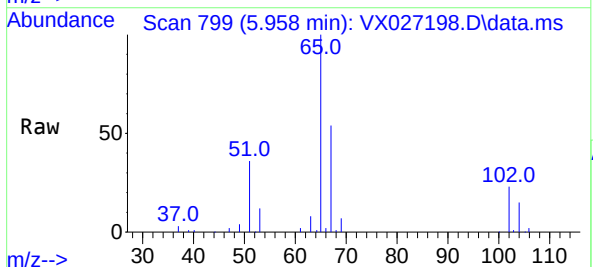
Acq: 25 Feb 2022 18:50

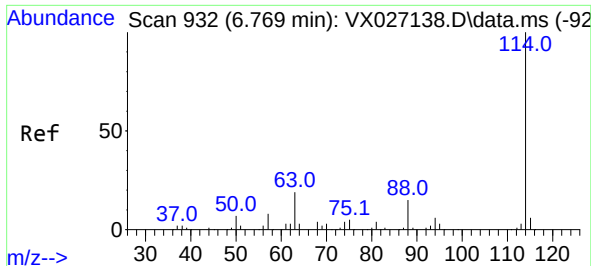
Tgt Ion: 65 Resp: 53745

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.8

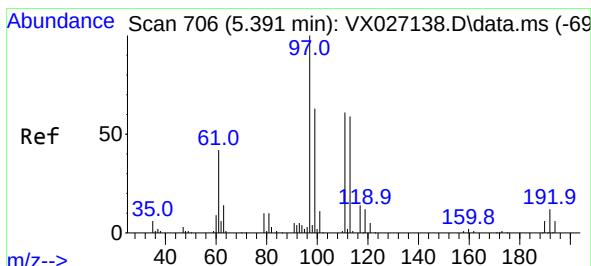
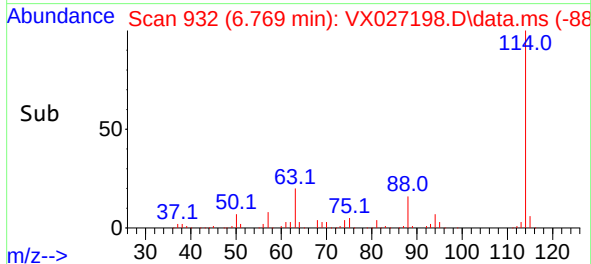
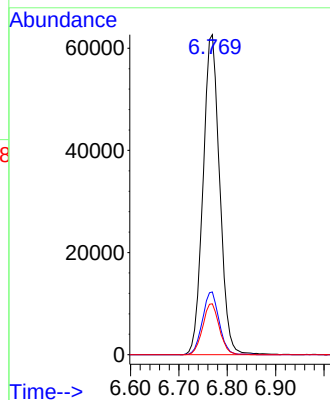
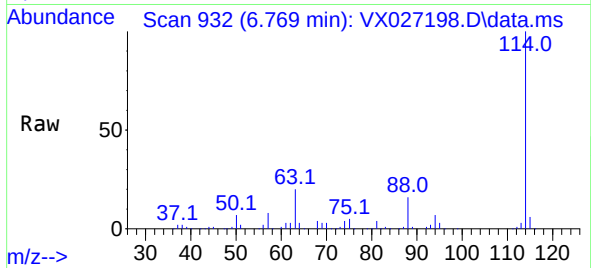




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

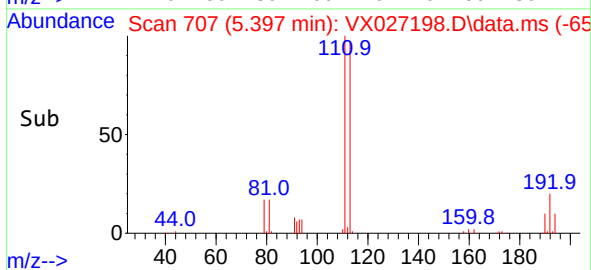
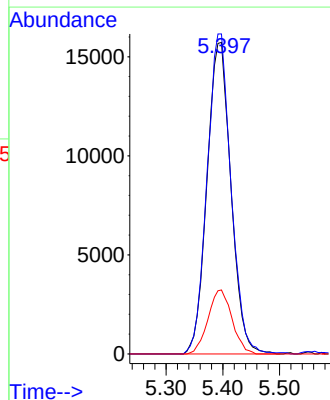
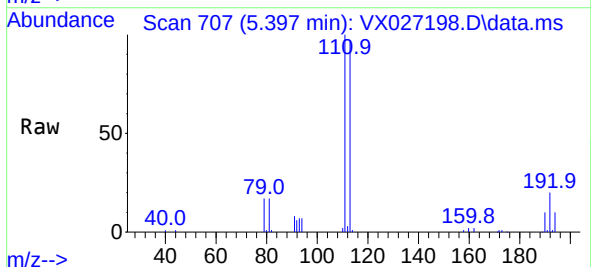
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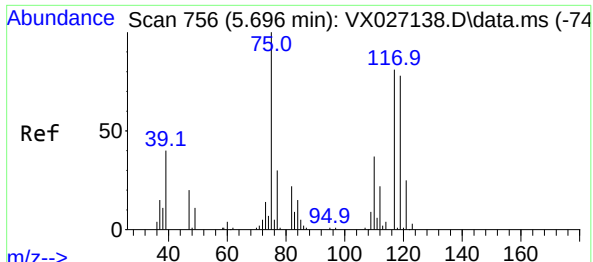
Tgt Ion:114 Resp: 149511
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion:113 Resp: 46120
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 20.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027198.D

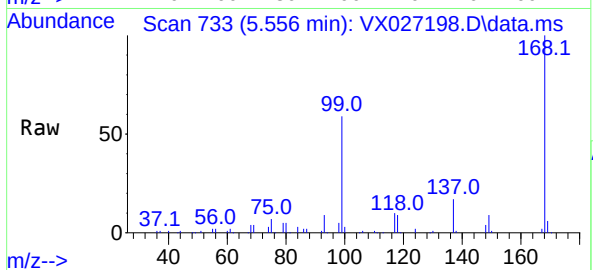
Acq: 25 Feb 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#03



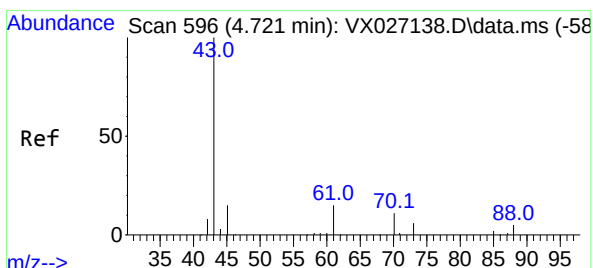
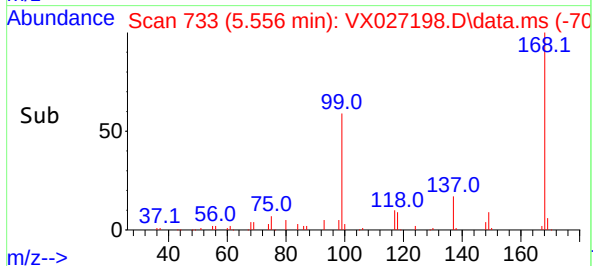
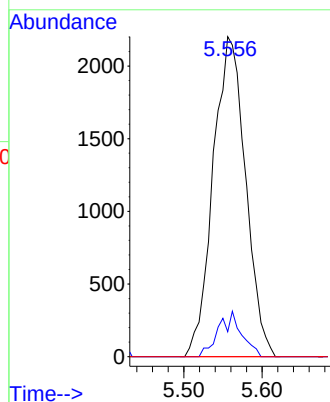
Tgt Ion: 75 Resp: 6337

Ion Ratio Lower Upper

75 100

110 4.9 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.924 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.141 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

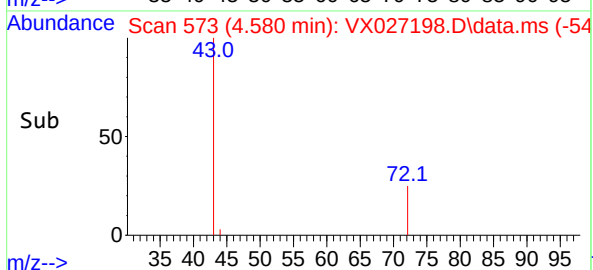
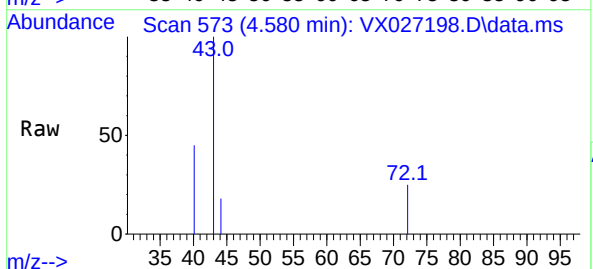
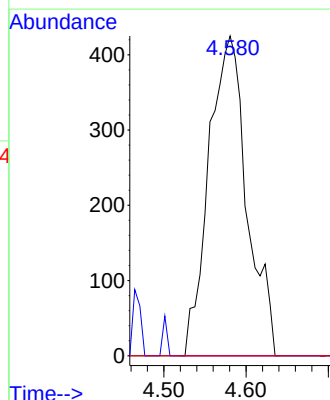
Tgt Ion: 43 Resp: 1374

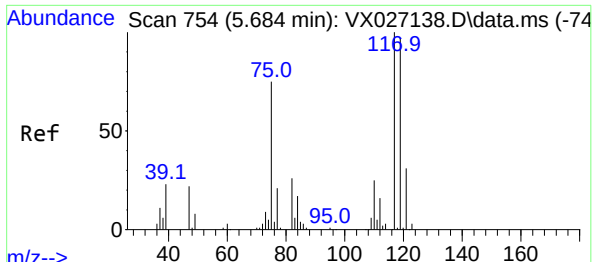
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

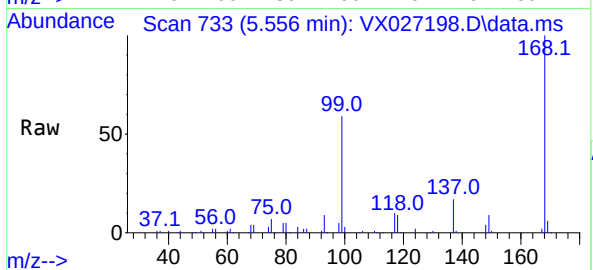
70 0.0 8.5 12.7#



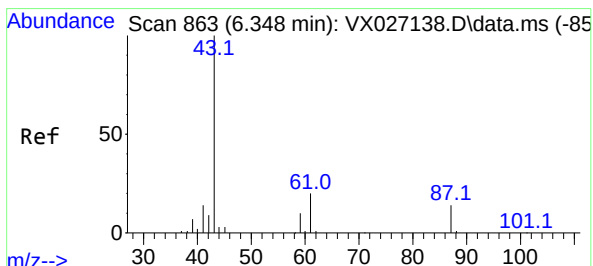
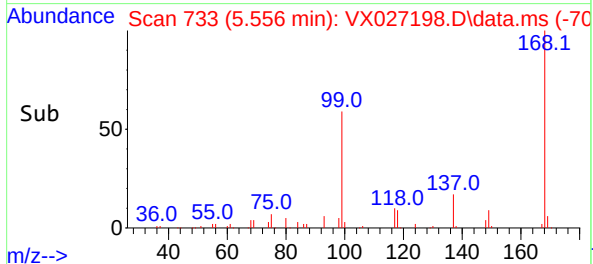
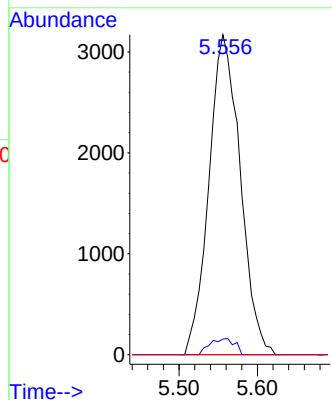


#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

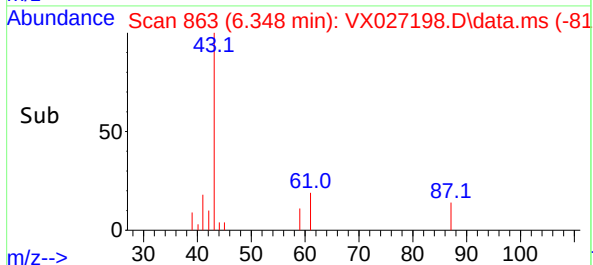
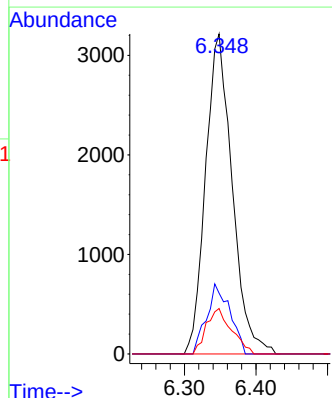
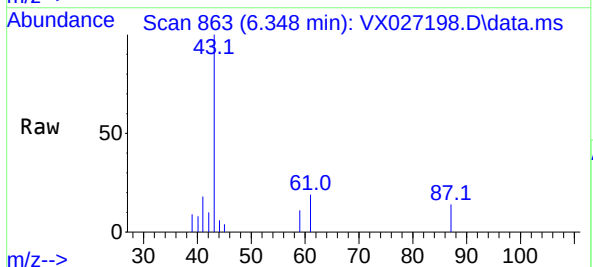


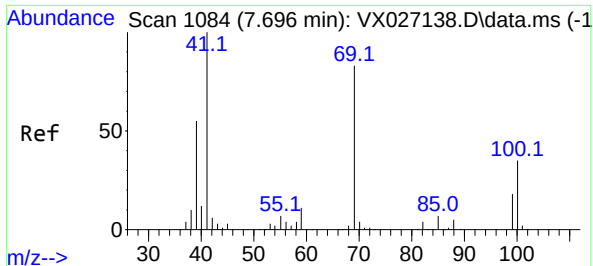
Tgt Ion:117 Resp: 8813
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.627 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 43 Resp: 8297
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.5 10.2 15.2





#48

Methyl methacrylate

Concen: 2.091 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.092 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#03

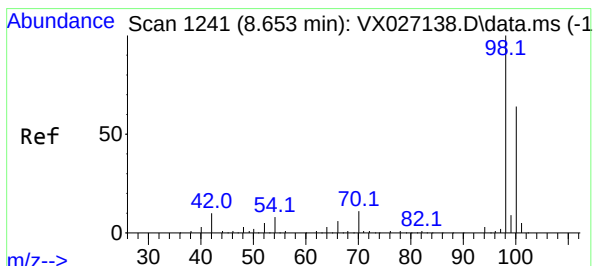
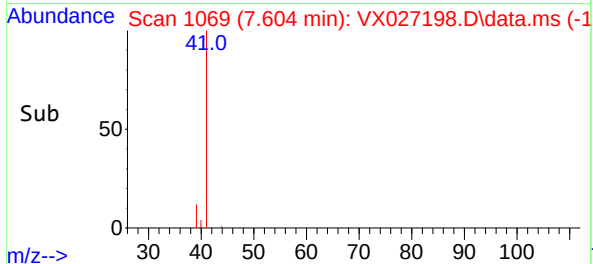
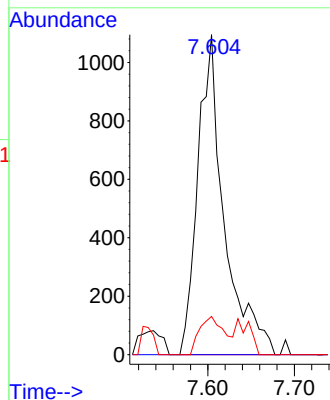
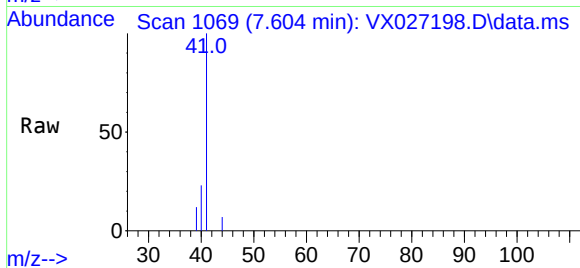
Tgt Ion: 41 Resp: 2315

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 50.287 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027198.D

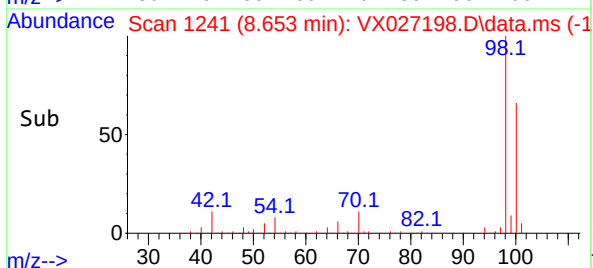
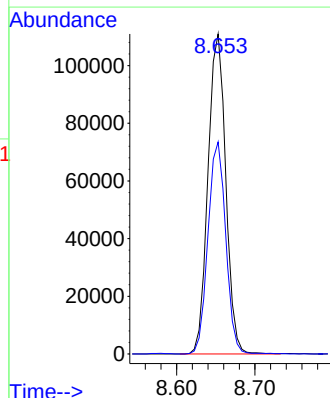
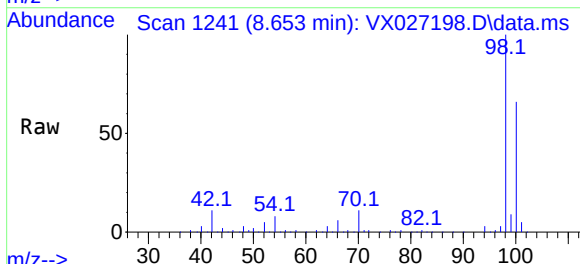
Acq: 25 Feb 2022 18:50

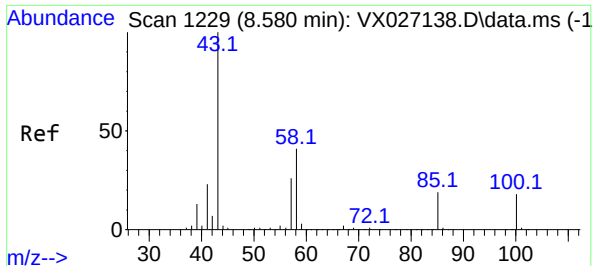
Tgt Ion: 98 Resp: 174500

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 19.902 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

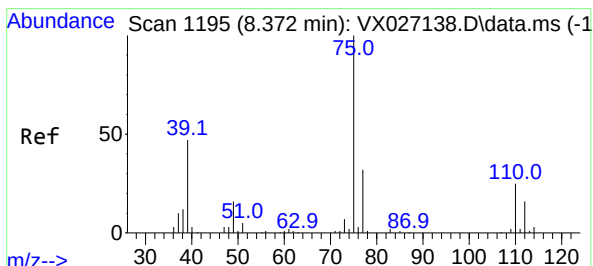
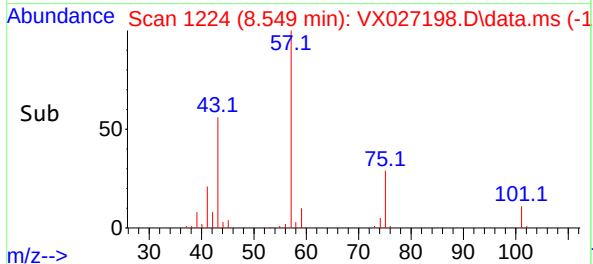
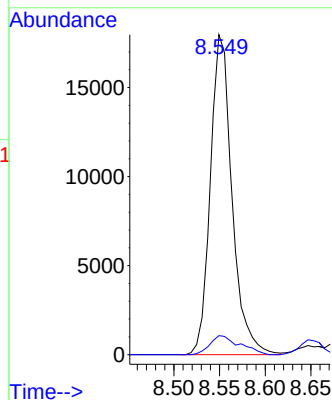
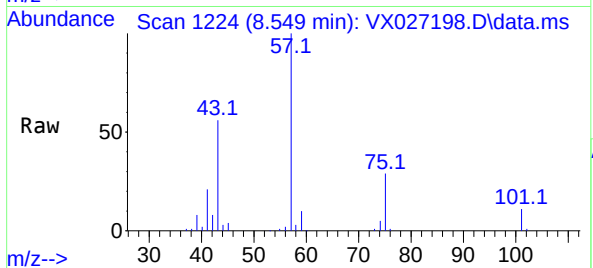
PB142919ZHE#03

Tgt Ion: 43 Resp: 29592

Ion Ratio Lower Upper

43 100

58 8.2 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 9.665 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX027198.D

Acq: 25 Feb 2022 18:50

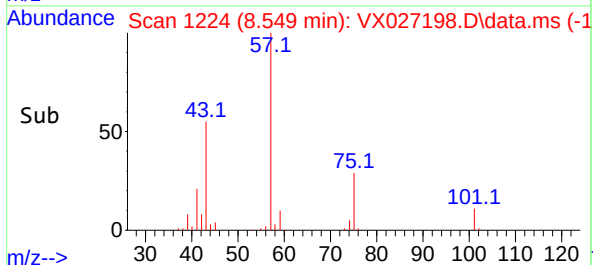
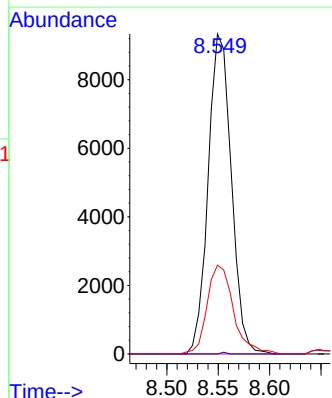
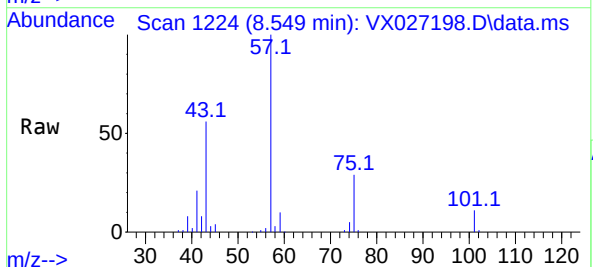
Tgt Ion: 75 Resp: 14637

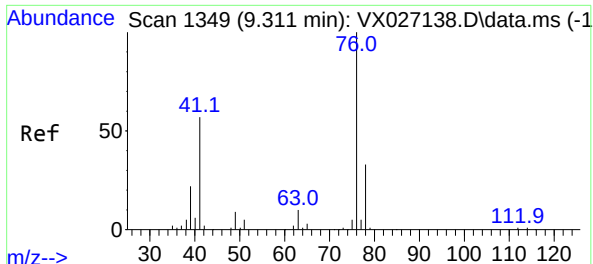
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 27.8 43.5 65.3#

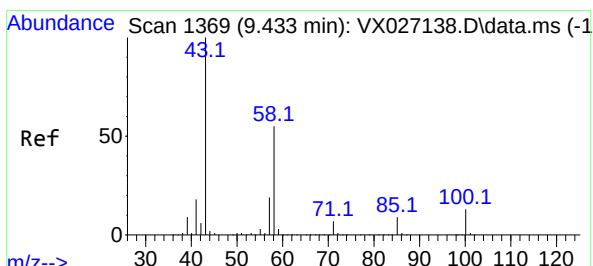
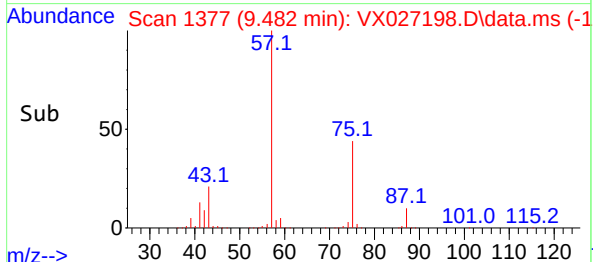
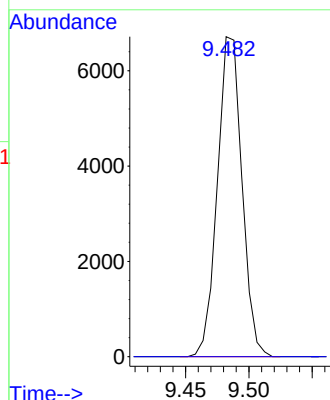
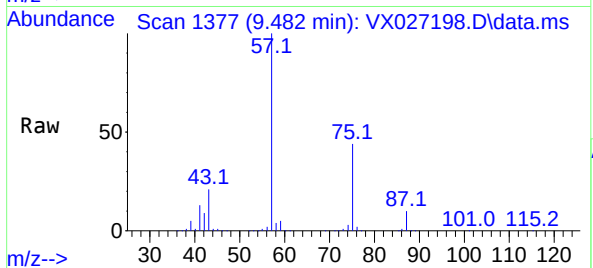




#57
1,3-Dichloropropane
Concen: 5.423 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

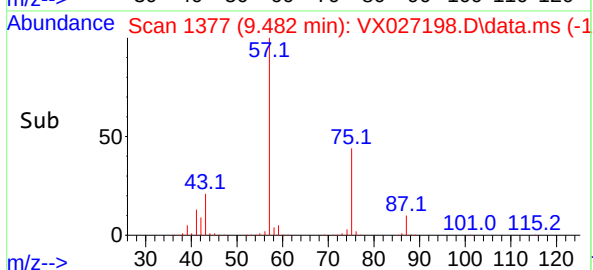
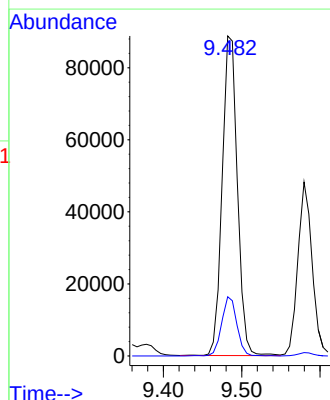
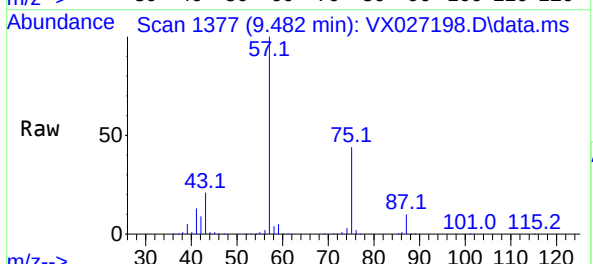
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

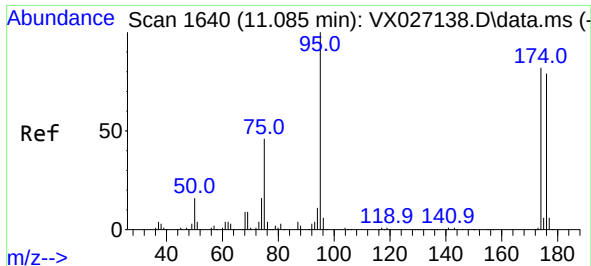
Tgt Ion: 76 Resp: 9060
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 105.533 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 43 Resp: 119929
Ion Ratio Lower Upper
43 100
58 18.6 26.4 79.2#

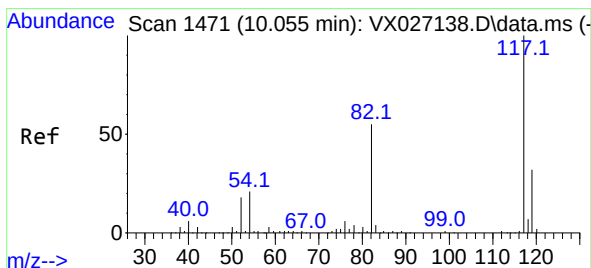
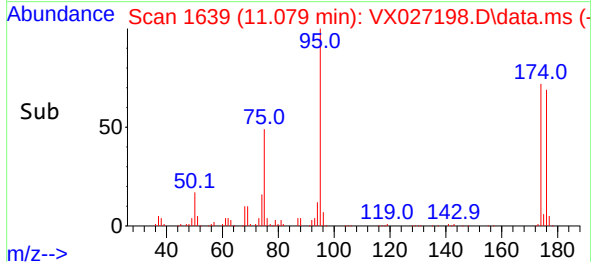
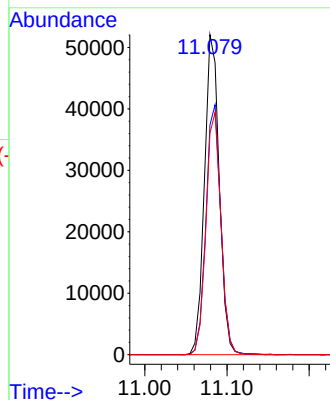
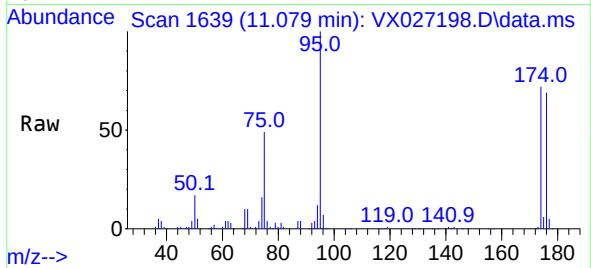




#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

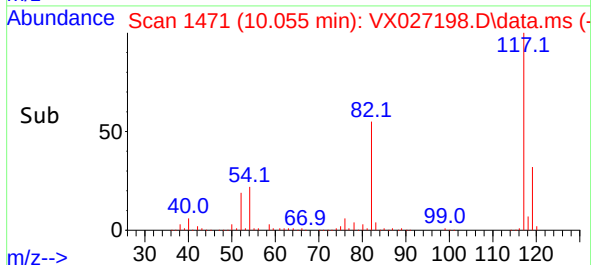
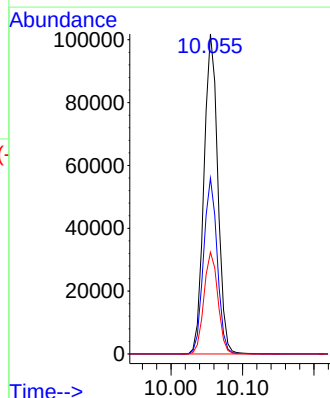
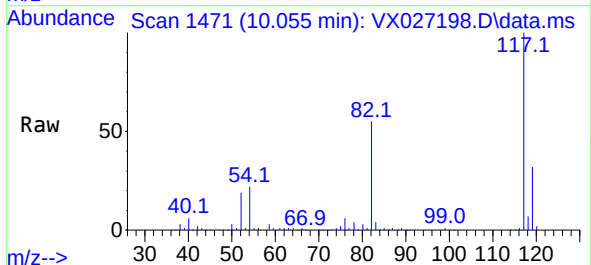
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

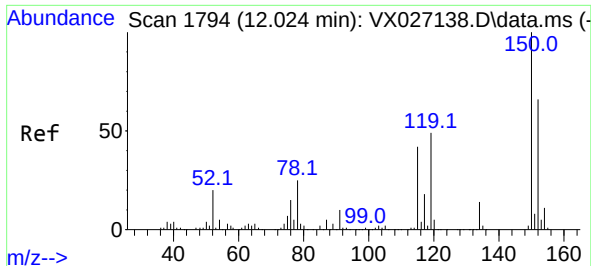
Tgt Ion: 95 Resp: 65291
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.6
176 76.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 117 Resp: 137076
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 31.8 26.2 39.2

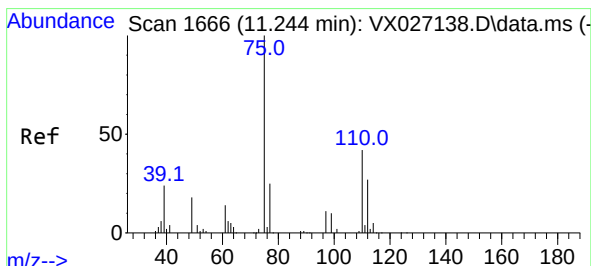
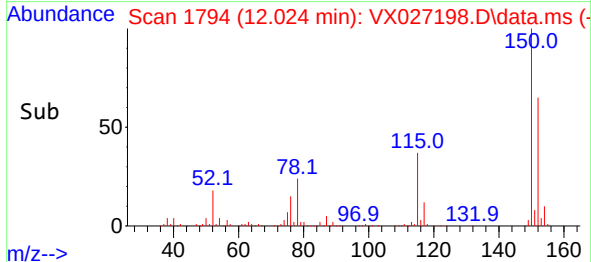
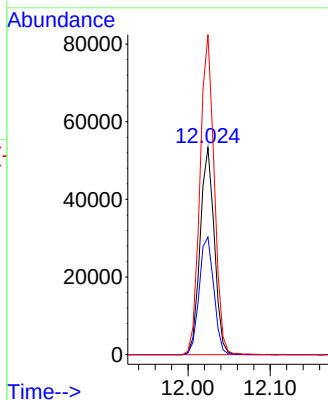
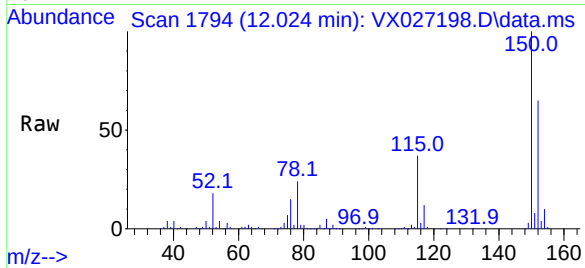




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

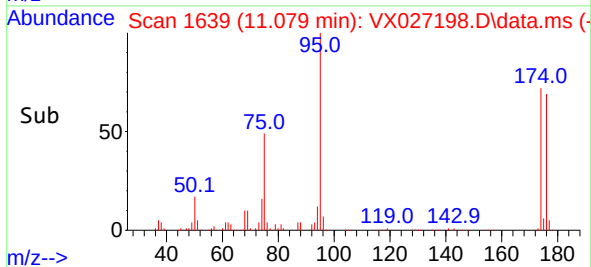
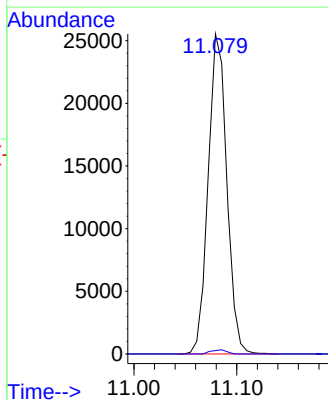
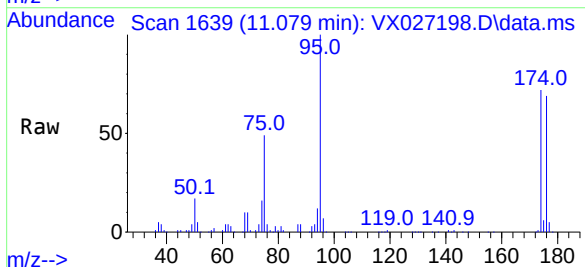
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

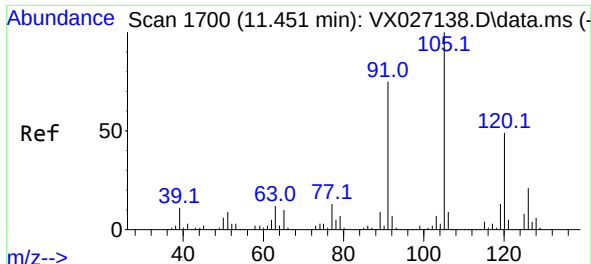
Tgt Ion:152 Resp: 64162
Ion Ratio Lower Upper
152 100
115 58.6 44.2 132.6
150 154.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 75 Resp: 32146
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

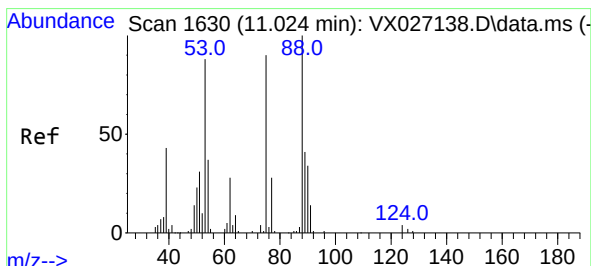
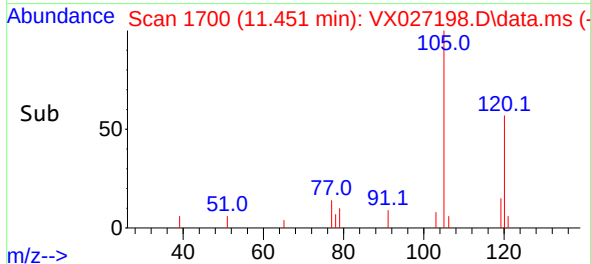
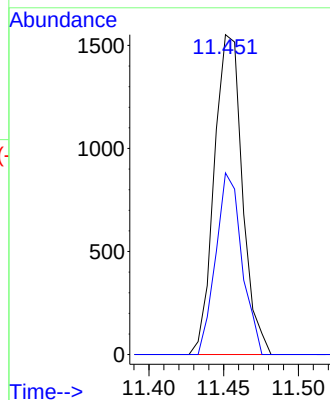
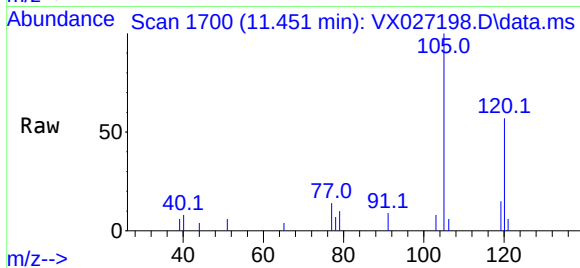




#80
1,3,5-Trimethylbenzene
Concen: 0.527 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#03

Tgt Ion:105 Resp: 2034
Ion Ratio Lower Upper
105 100
120 52.5 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 70.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027198.D
Acq: 25 Feb 2022 18:50

Tgt Ion: 75 Resp: 32146
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

