

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027189.D
 Acq On : 25 Feb 2022 15:19
 Operator : JC/MD
 Sample : PB142919ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#10

Quant Time: Feb 25 23:17:48 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)

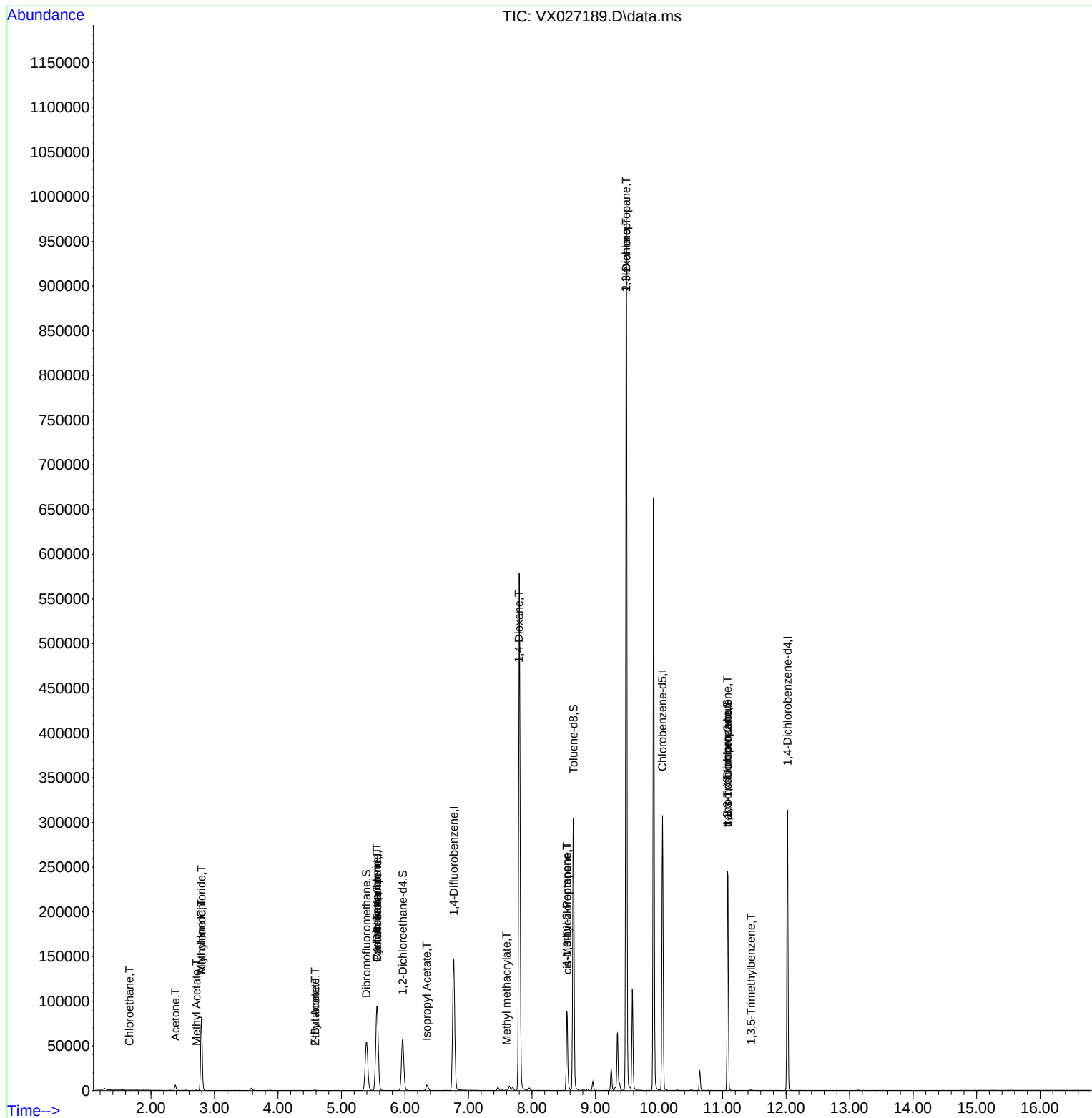
Internal Standards						
1) Pentafluorobenzene	5.562	168	92784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56236	50.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.940%	
35) Dibromofluoromethane	5.391	113	48347	49.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.400%	
50) Toluene-d8	8.653	98	180004	49.483	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.079	95	68111	48.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	91	Below Cal	#	68
6) Chloroethane	1.660	64	183	0.347	ug/l #	43
14) Allyl chloride	2.794	41	1405	0.883	ug/l #	25
16) Acetone	2.386	43	6552	13.392	ug/l	92
18) Methyl Acetate	2.715	43	477	0.378	ug/l	92
20) Methylene Chloride	2.794	84	36160	35.658	ug/l	94
25) 2-Butanone	4.587	43	1041	1.336	ug/l	98
31) Cyclohexane	5.556	56	1808	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6828	4.809	ug/l #	51
37) Ethyl Acetate	4.587	43	1041	0.668	ug/l #	69
38) Carbon Tetrachloride	5.556	117	9190	6.206	ug/l #	17
43) Isopropyl Acetate	6.342	43	8297	3.460	ug/l	98
48) Methyl methacrylate	7.598	41	2416	2.081	ug/l #	16
49) 1,4-Dioxane	7.793	88	21	0.800	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	30429	19.522	ug/l #	50
54) cis-1,3-Dichloropropene	8.555	75	14240	8.969	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	8897	5.080	ug/l #	43
59) 2-Hexanone	9.482	43	119923	100.665	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	33228	24.720	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	850	0.212	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	33228	70.067	ug/l #	3

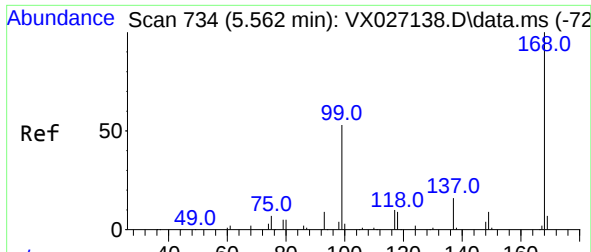
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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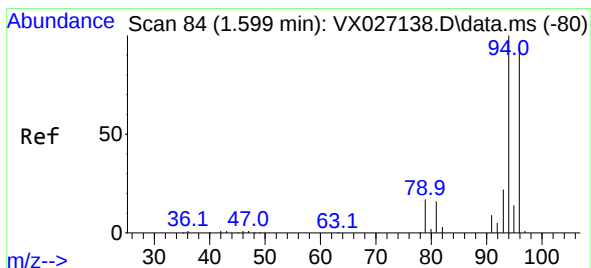
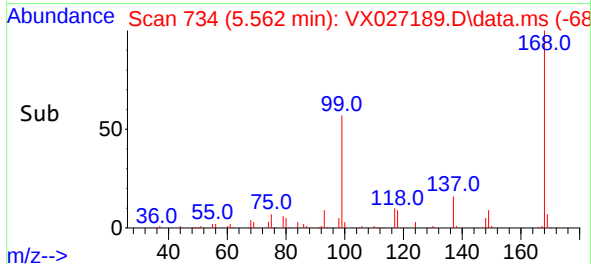
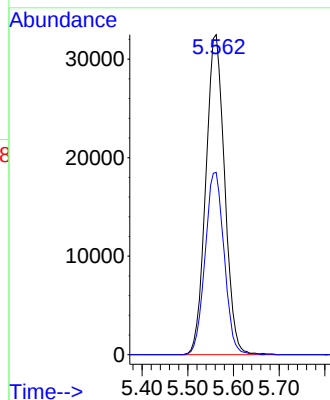
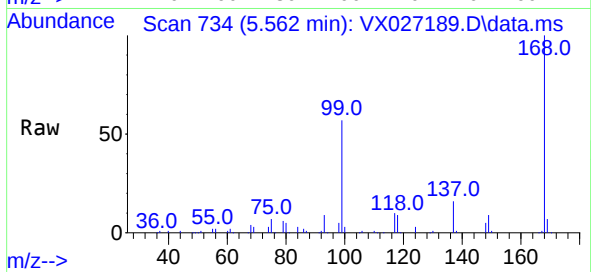




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

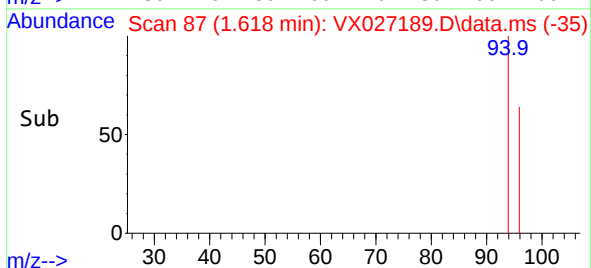
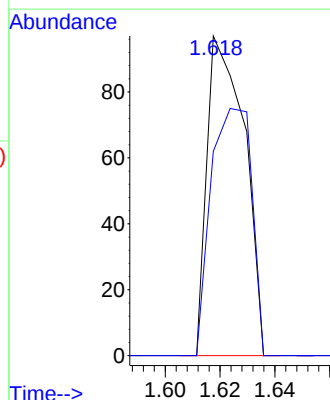
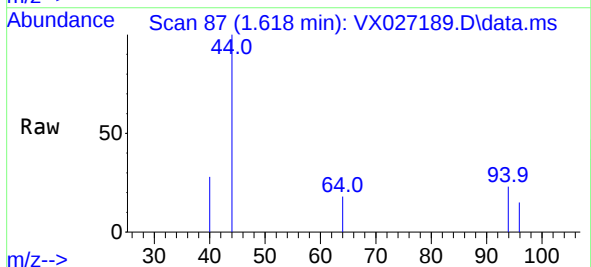
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

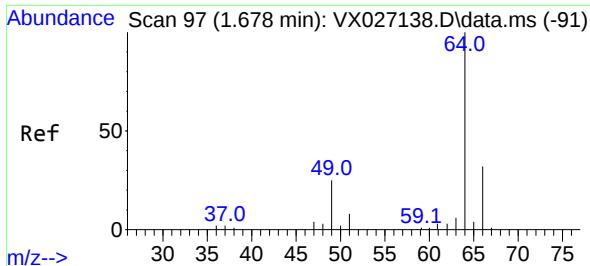
Tgt Ion:168 Resp: 92784
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 63.9 75.9 113.9#

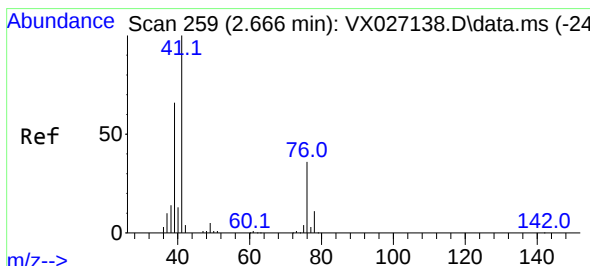
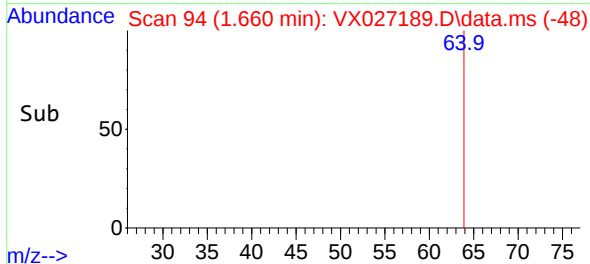
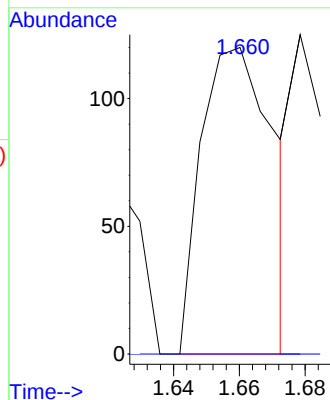
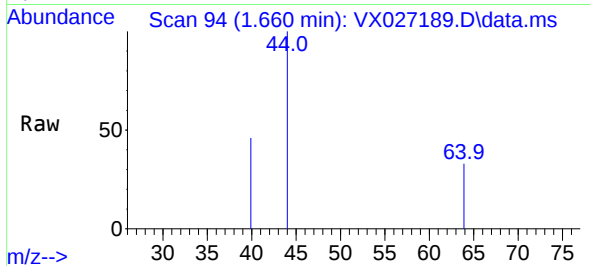




#6
Chloroethane
Concen: 0.347 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

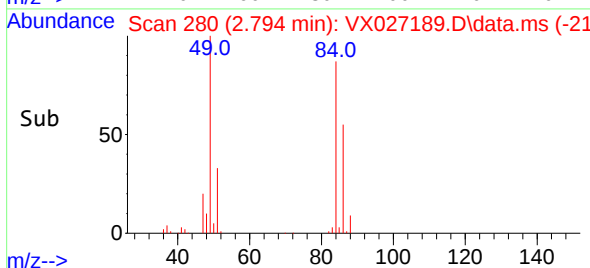
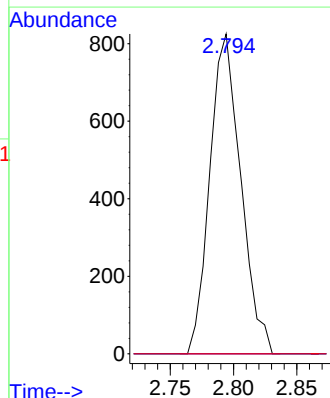
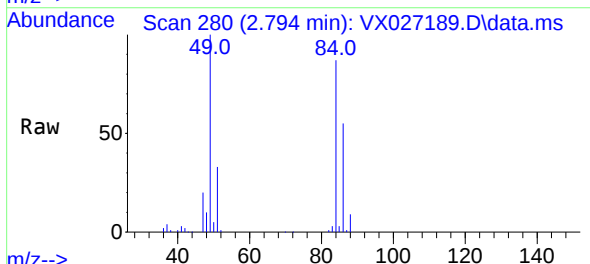
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

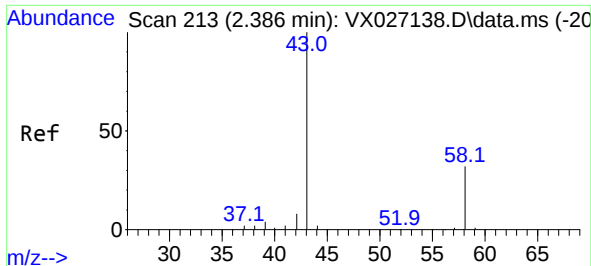
Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#14
Allyl chloride
Concen: 0.883 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.128 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion: 41 Resp: 1405
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

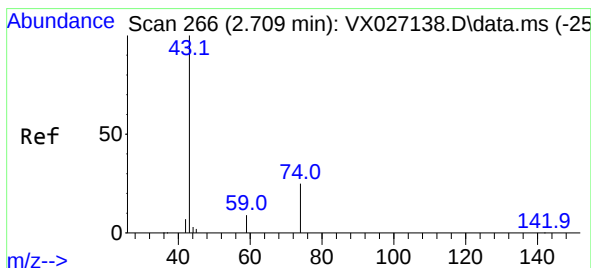
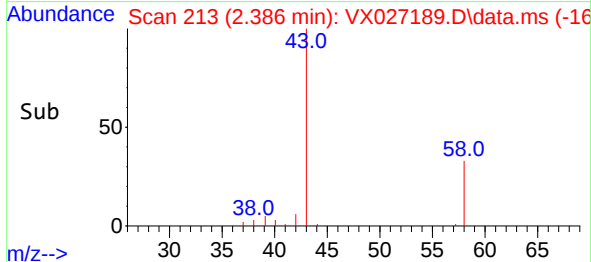
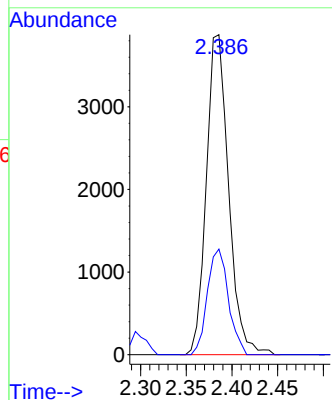
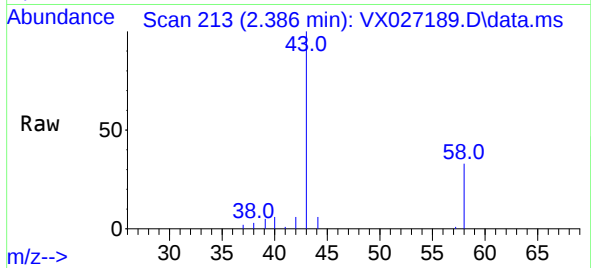




#16
Acetone
Concen: 13.392 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

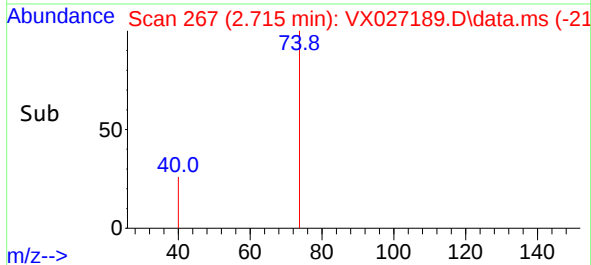
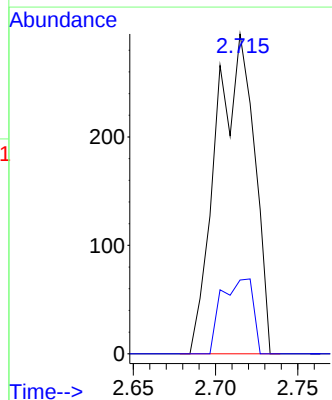
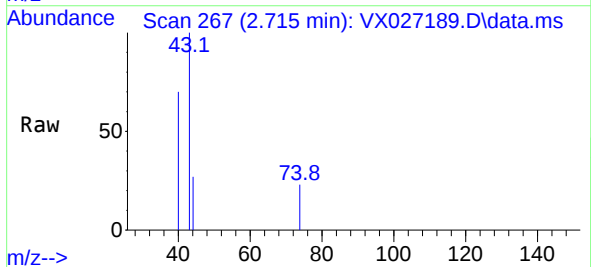
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

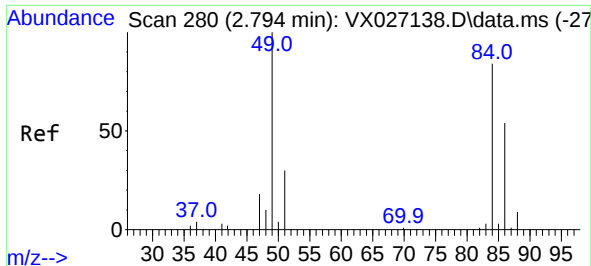
Tgt Ion: 43 Resp: 6552
Ion Ratio Lower Upper
43 100
58 33.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
74 19.1 18.3 27.5

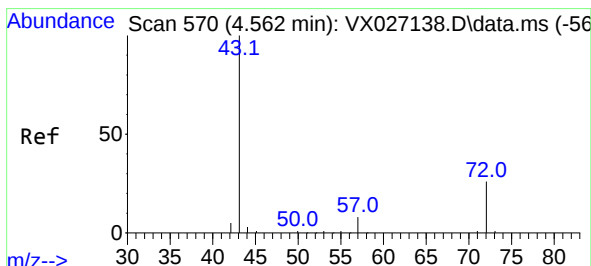
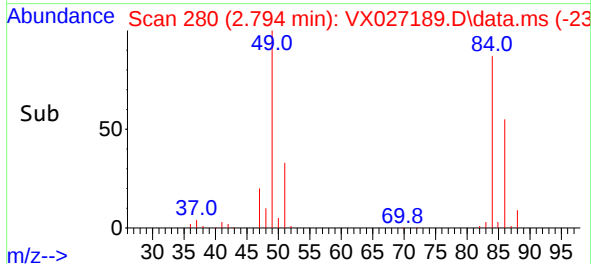
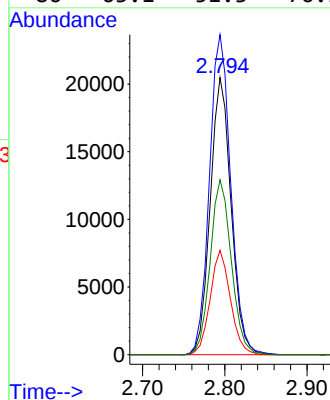
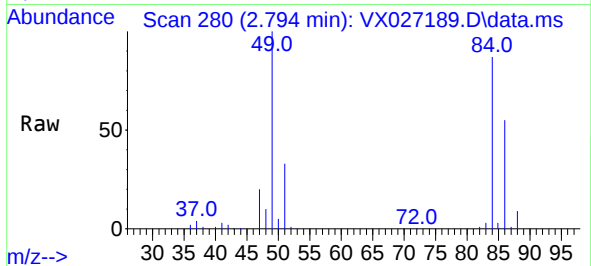




#20
Methylene Chloride
Concen: 35.658 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

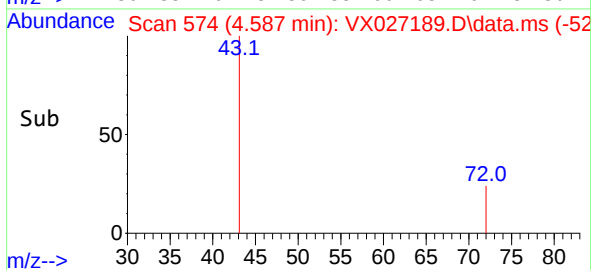
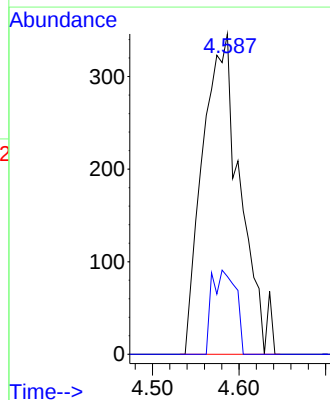
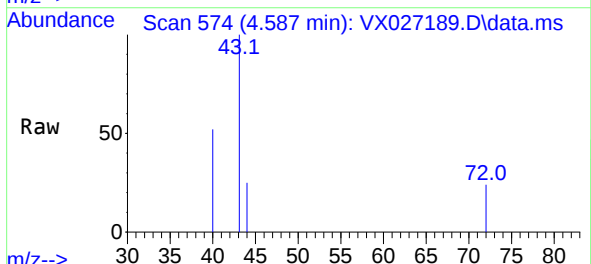
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

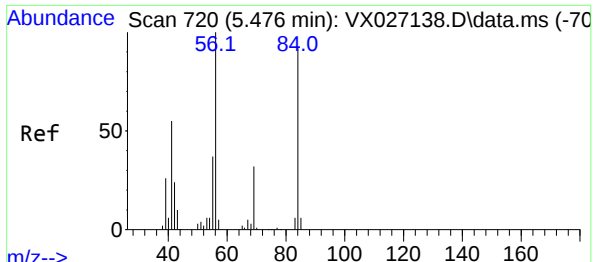
Tgt Ion:	84	Resp:	36160
Ion	Ratio	Lower	Upper
84	100		
49	115.5	101.5	152.3
51	37.6	31.2	46.8
86	63.1	51.3	76.9



#25
2-Butanone
Concen: 1.336 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion:	43	Resp:	1041
Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.4	30.6

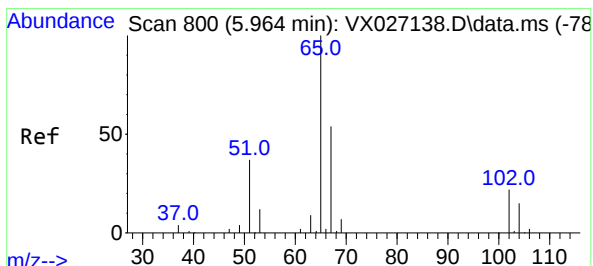
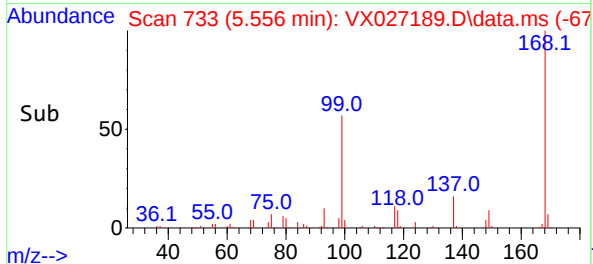
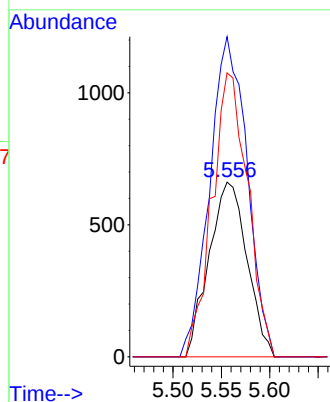
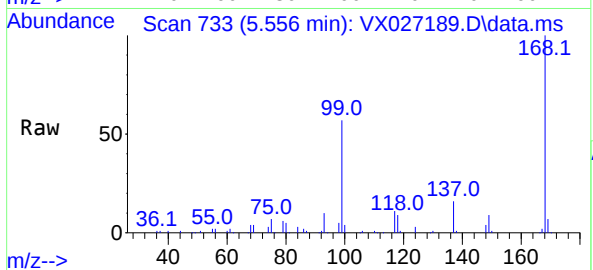




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

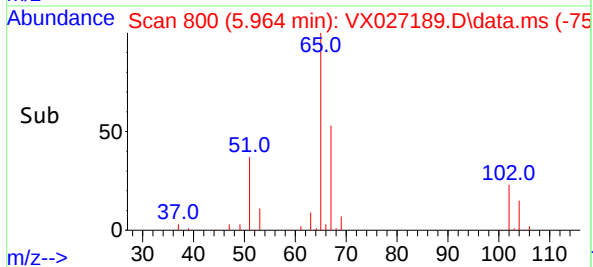
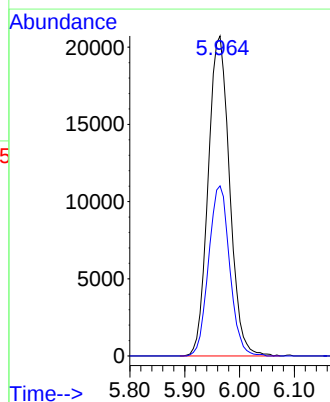
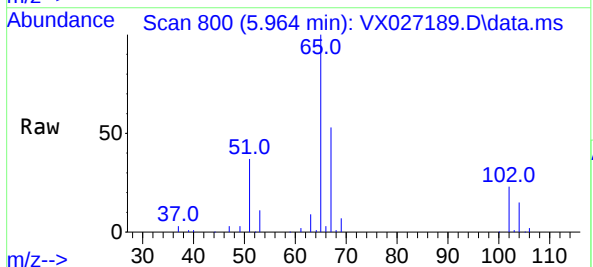
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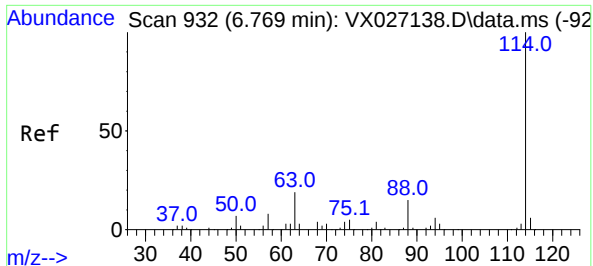
Tgt Ion: 56 Resp: 1808
Ion Ratio Lower Upper
56 100
69 183.2 25.8 38.6#
84 162.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion: 65 Resp: 56236
Ion Ratio Lower Upper
65 100
67 52.2 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: VX027189.D

Acq: 25 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#10

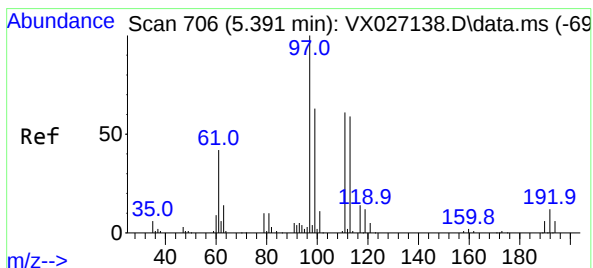
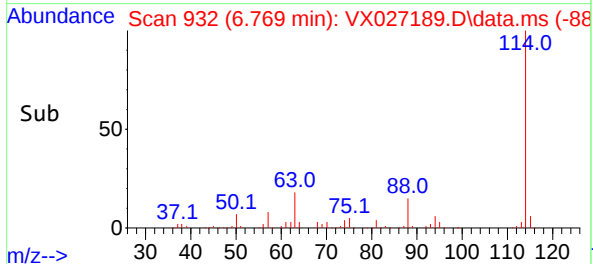
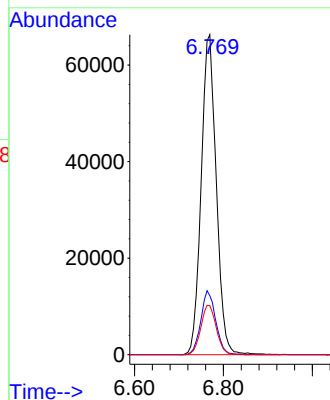
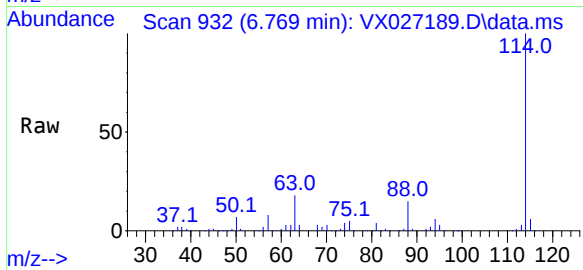
Tgt Ion:114 Resp: 156734

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.8

88 15.3 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.695 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

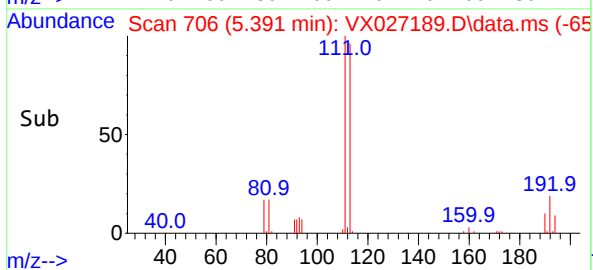
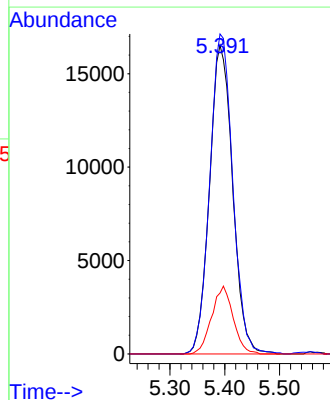
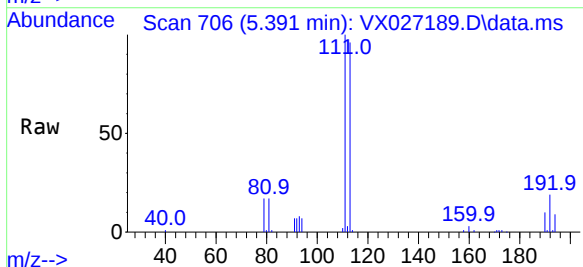
Tgt Ion:113 Resp: 48347

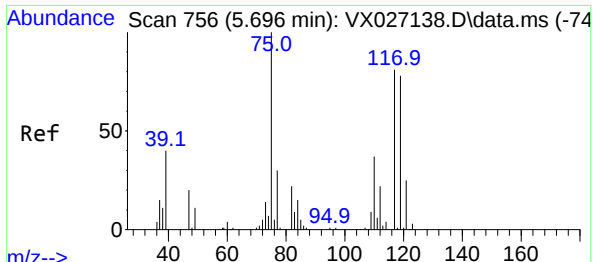
Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

192 20.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027189.D

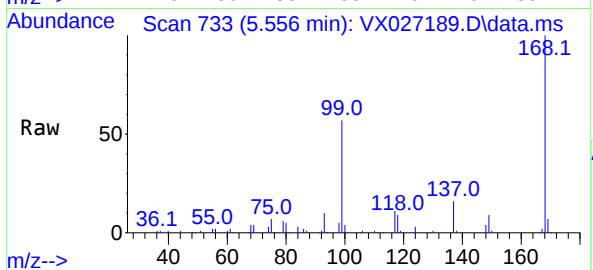
Acq: 25 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#10



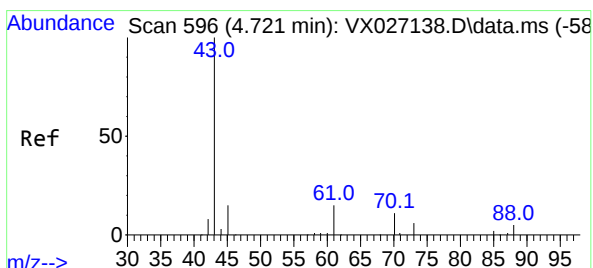
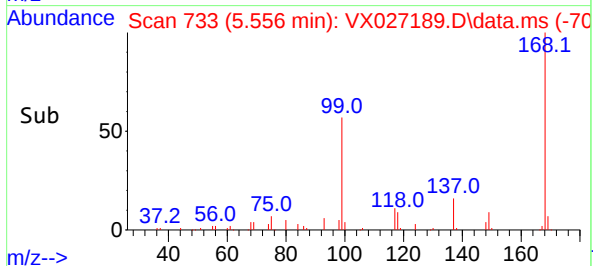
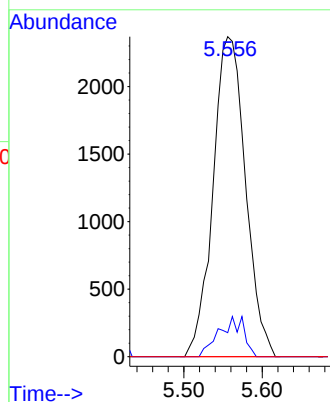
Tgt Ion: 75 Resp: 6828

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.668 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.134 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

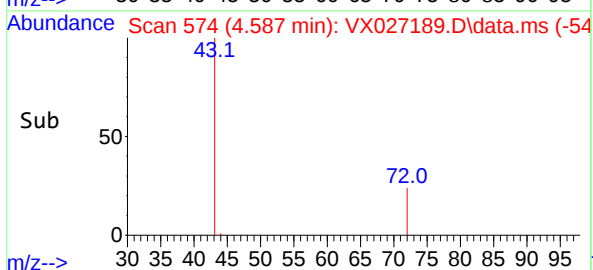
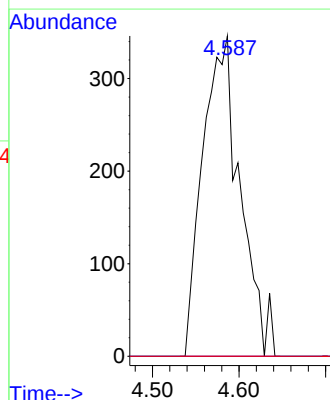
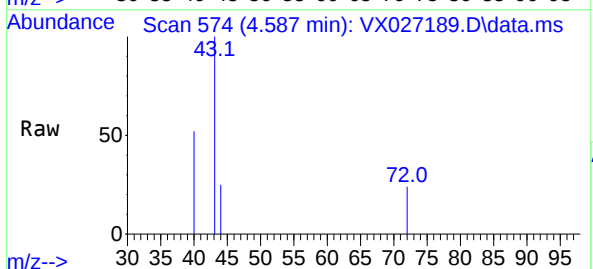
Tgt Ion: 43 Resp: 1041

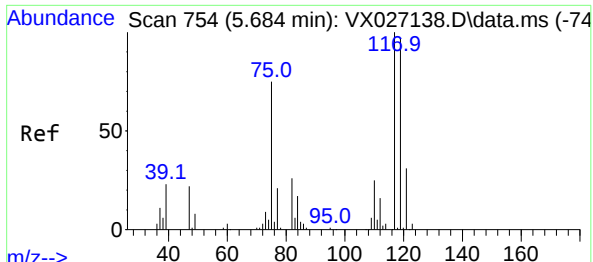
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

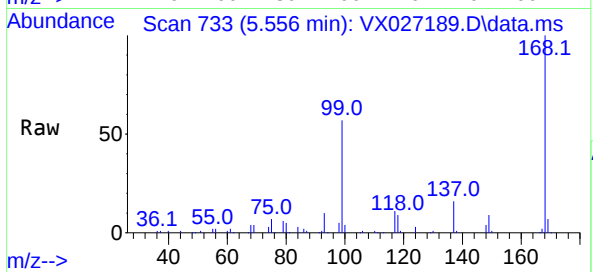
70 0.0 8.5 12.7#



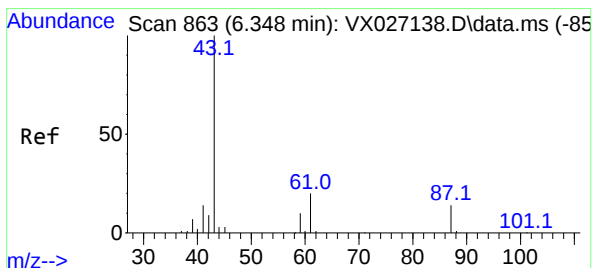
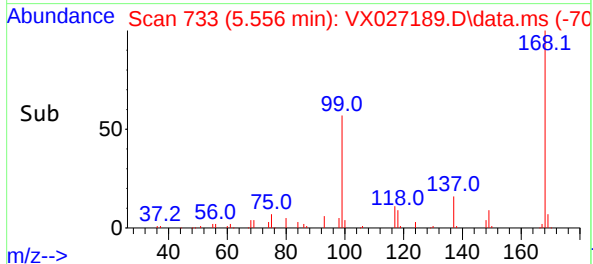
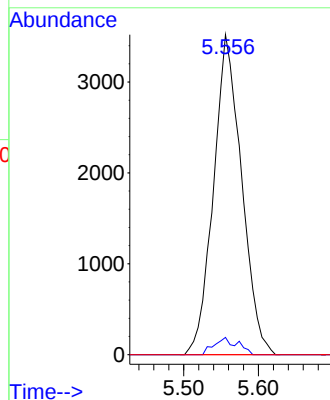


#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

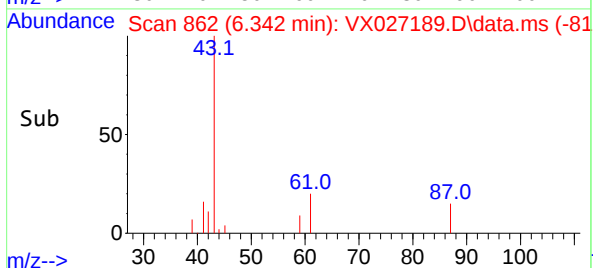
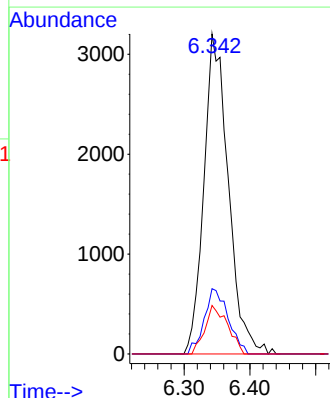
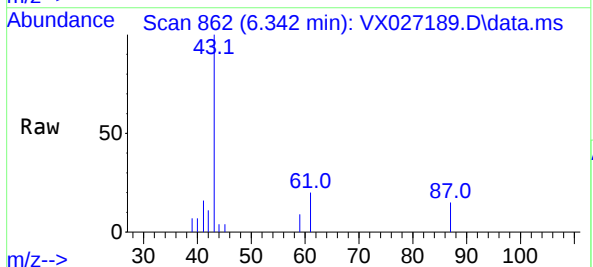


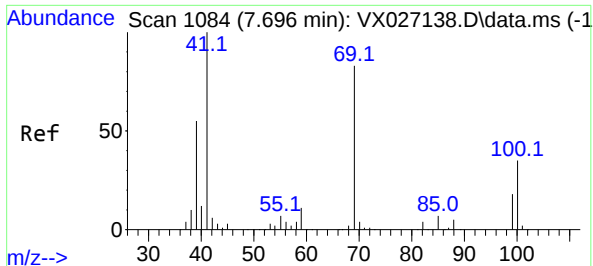
Tgt Ion:117 Resp: 9190
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.460 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion: 43 Resp: 8297
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 14.0 10.2 15.2





#48

Methyl methacrylate

Concen: 2.081 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#10

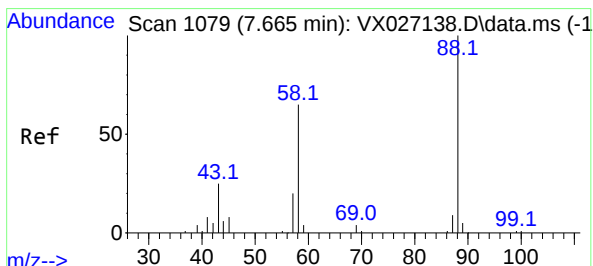
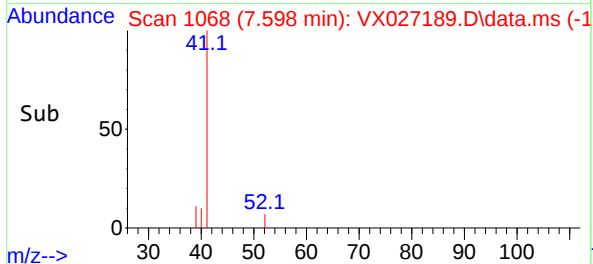
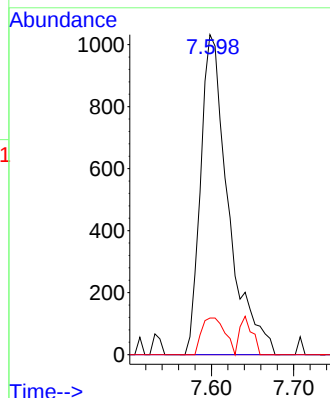
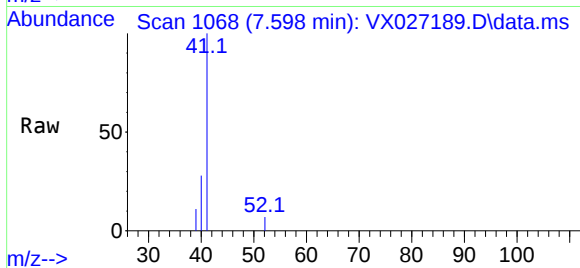
Tgt Ion: 41 Resp: 2416

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 0.800 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

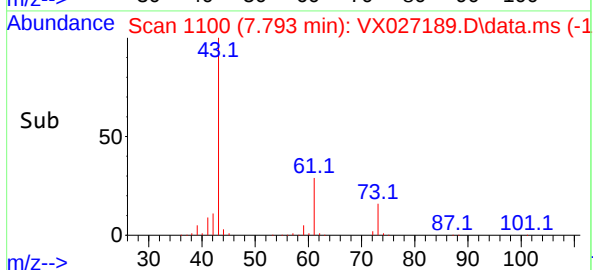
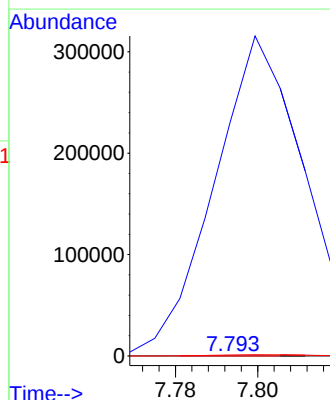
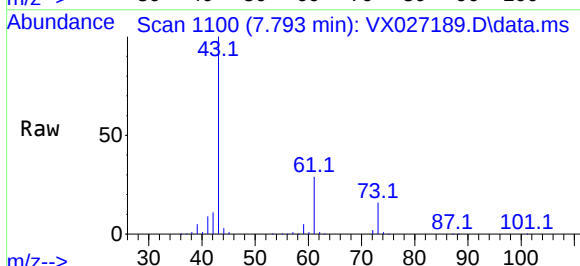
Tgt Ion: 88 Resp: 21

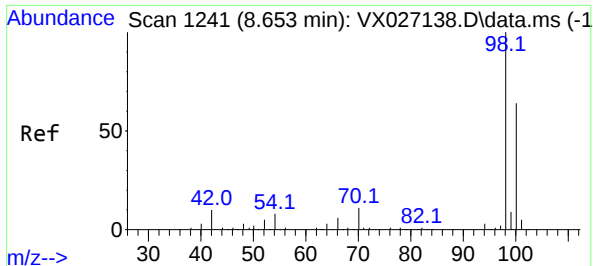
Ion Ratio Lower Upper

88 100

43 2392671.4 29.9 44.9#

58 10019.0 57.8 86.6#





#50

Toluene-d8

Concen: 49.483 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

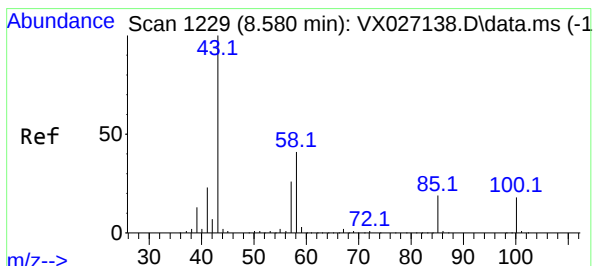
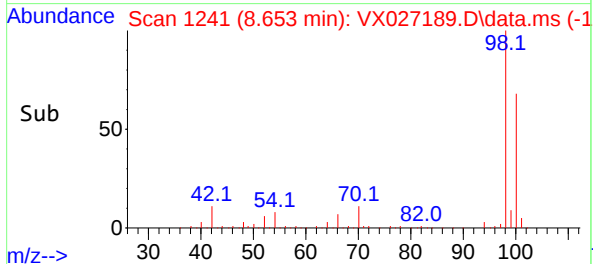
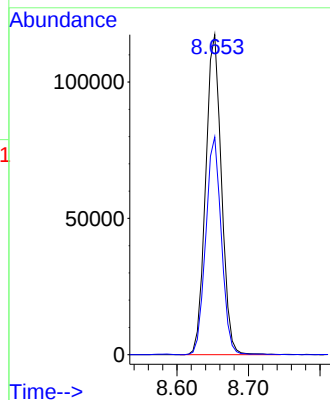
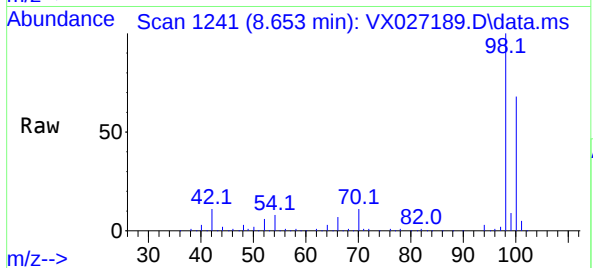
PB142919ZHE#10

Tgt Ion: 98 Resp: 180004

Ion Ratio Lower Upper

98 100

100 67.3 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 19.522 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX027189.D

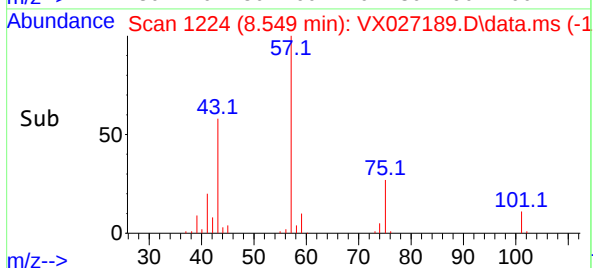
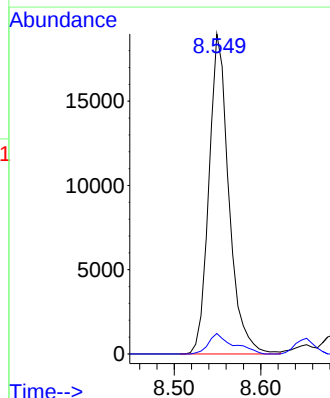
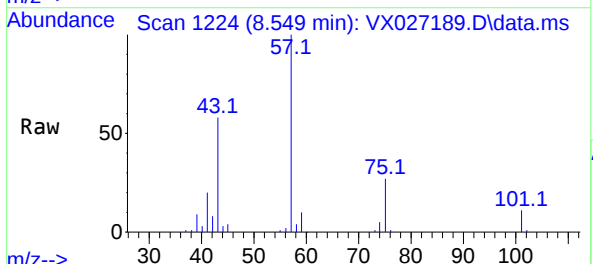
Acq: 25 Feb 2022 15:19

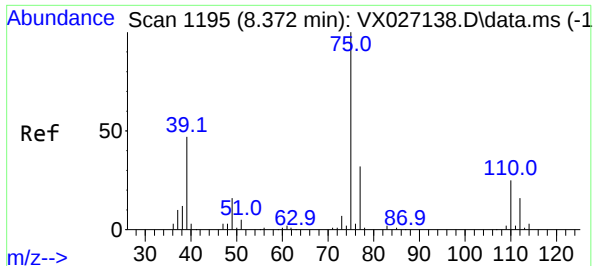
Tgt Ion: 43 Resp: 30429

Ion Ratio Lower Upper

43 100

58 7.9 30.5 45.7#

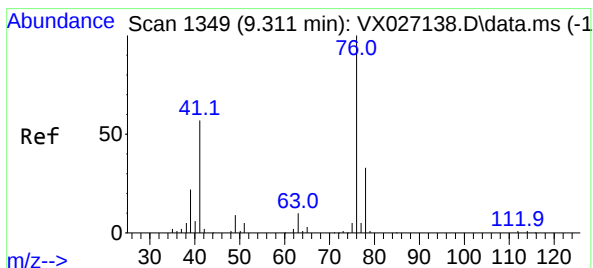
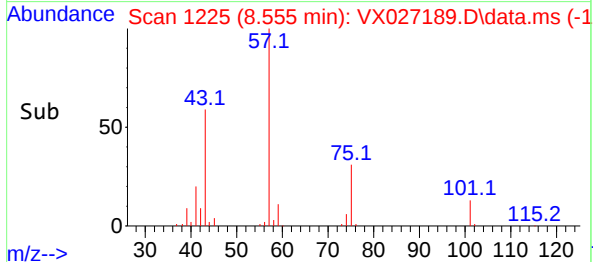
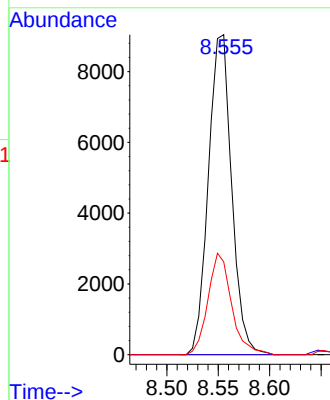
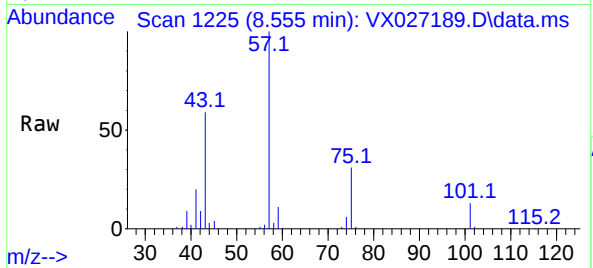




#54
 cis-1,3-Dichloropropene
 Concen: 8.969 ug/l
 RT: 8.555 min Scan# 1195
 Delta R.T. 0.183 min
 Lab File: VX027189.D
 Acq: 25 Feb 2022 15:19

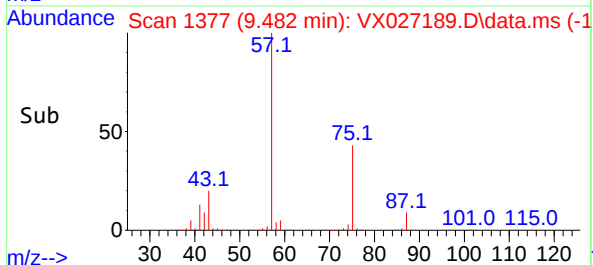
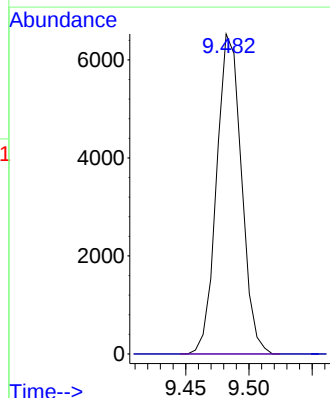
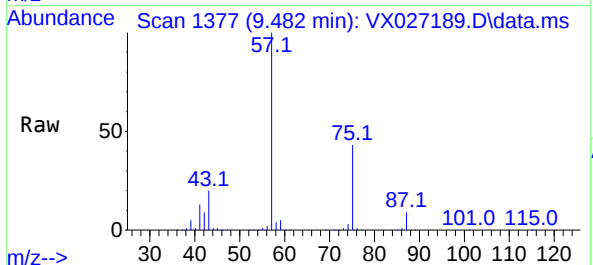
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#10

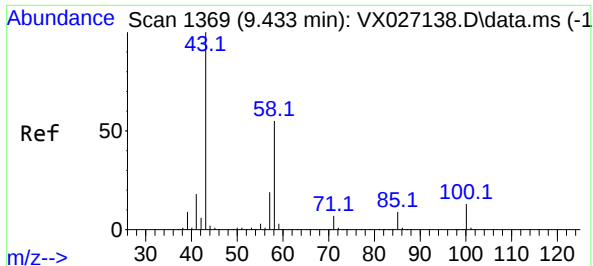
Tgt Ion: 75 Resp: 14240
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 29.0 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 5.080 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX027189.D
 Acq: 25 Feb 2022 15:19

Tgt Ion: 76 Resp: 8897
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 100.665 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

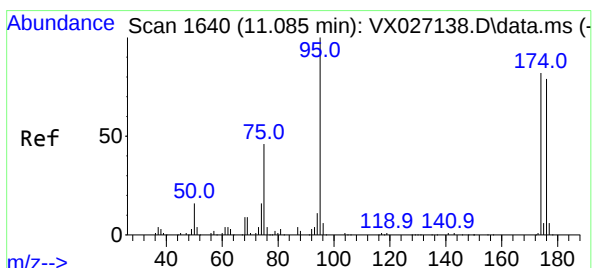
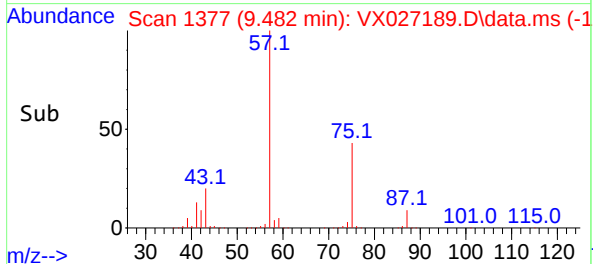
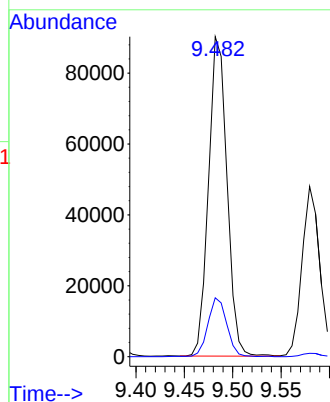
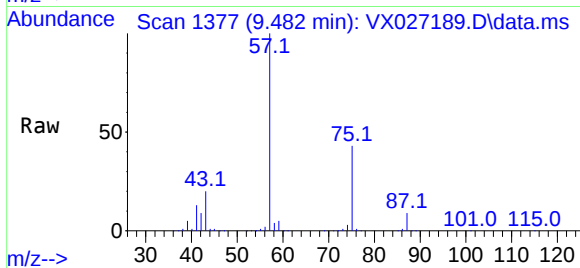
PB142919ZHE#10

Tgt Ion: 43 Resp: 119923

Ion Ratio Lower Upper

43 100

58 19.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 48.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027189.D

Acq: 25 Feb 2022 15:19

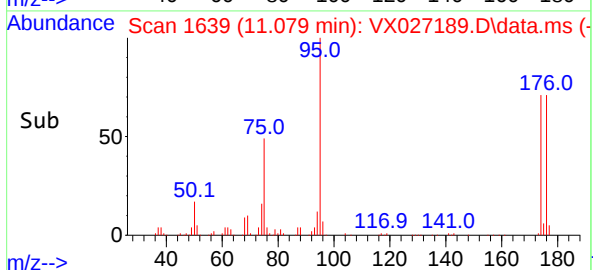
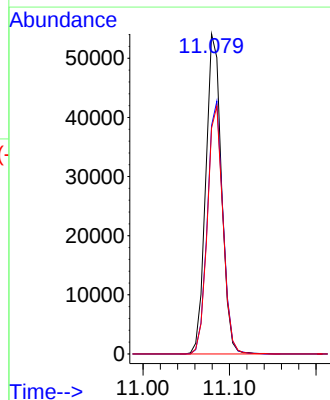
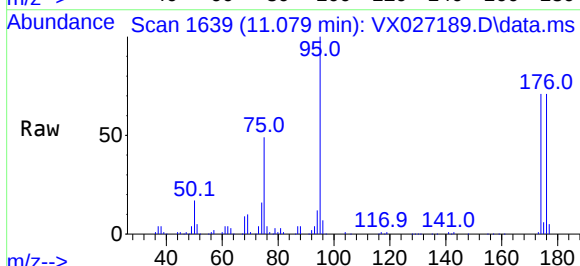
Tgt Ion: 95 Resp: 68111

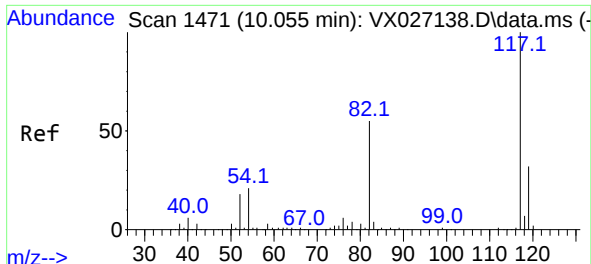
Ion Ratio Lower Upper

95 100

174 78.2 0.0 148.6

176 76.8 0.0 141.4

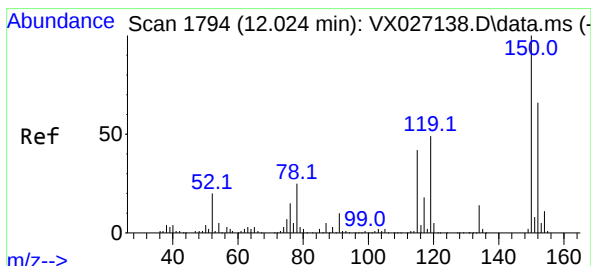
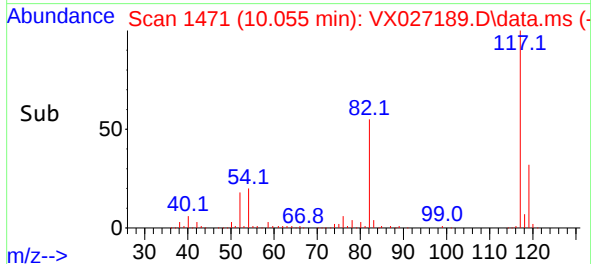
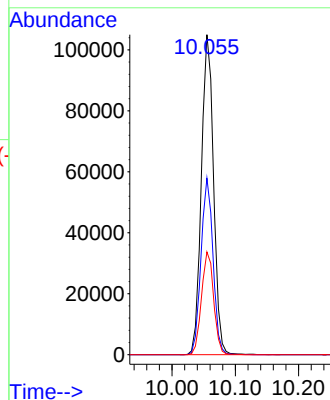
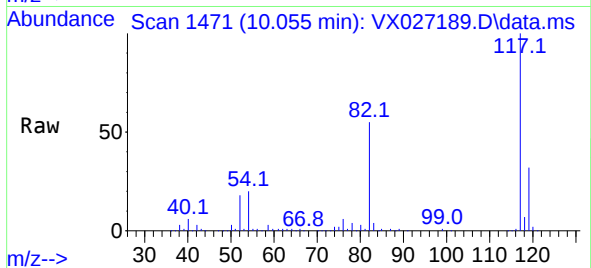




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

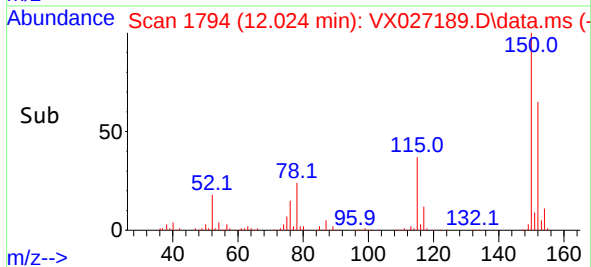
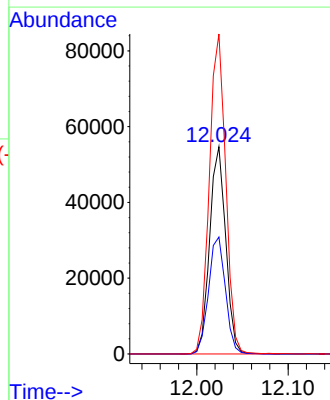
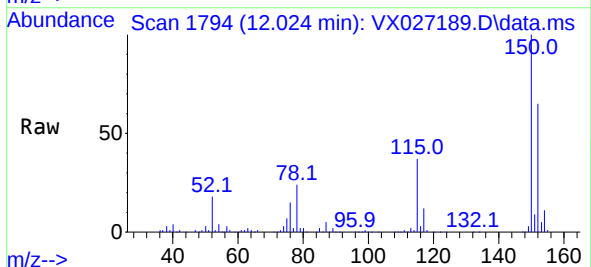
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

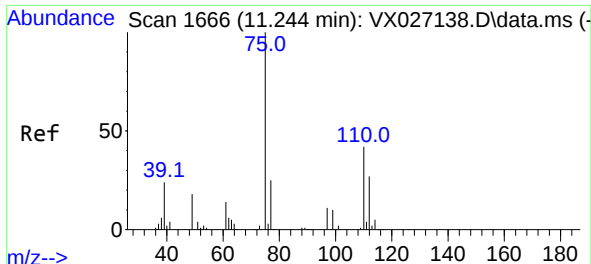
Tgt Ion:117 Resp: 140975
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Tgt Ion:152 Resp: 66734
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 156.7 0.0 348.2

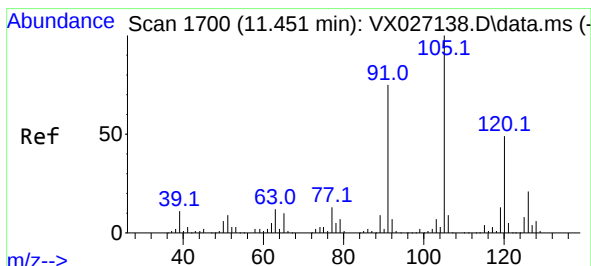
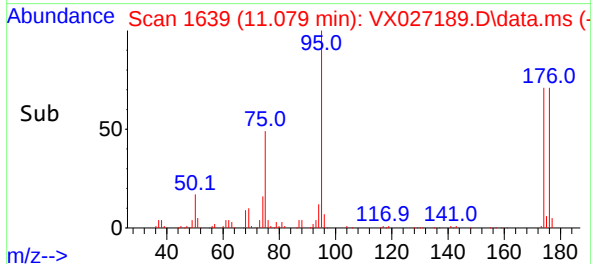
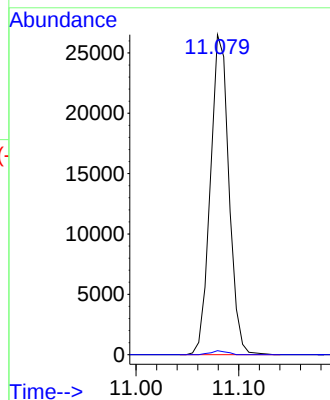
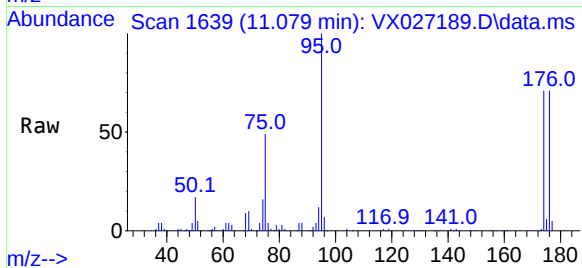




#76
1,2,3-Trichloropropane
Concen: 24.720 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

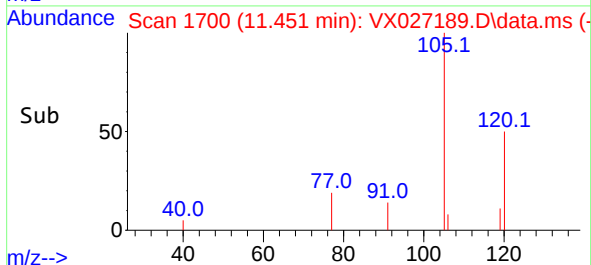
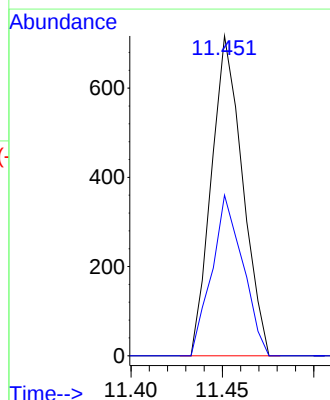
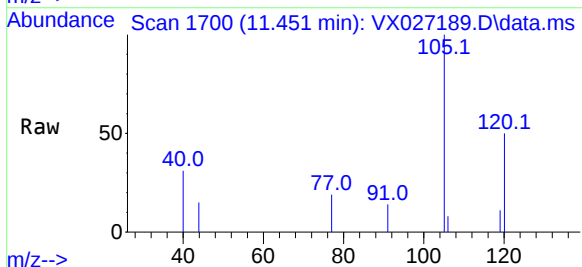
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10

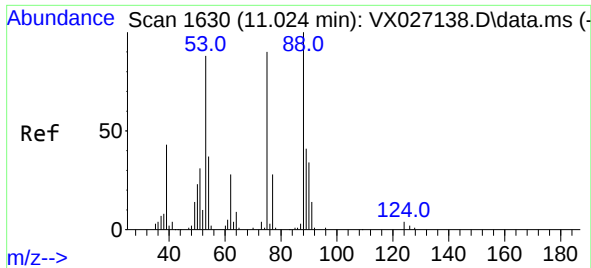
Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

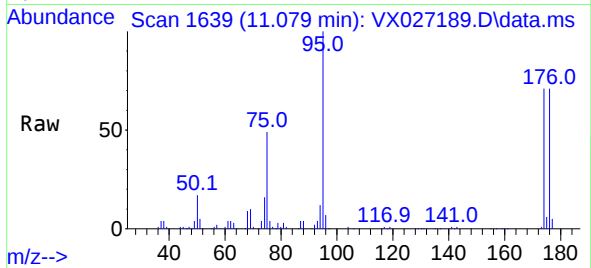
Tgt Ion: 105 Resp: 850
Ion Ratio Lower Upper
105 100
120 50.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 70.067 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX027189.D
Acq: 25 Feb 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#10



Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

