

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026716.D
 Acq On : 01 Feb 2022 18:48
 Operator : JC/MD
 Sample : PB142403ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#09

Quant Time: Feb 02 04:37:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

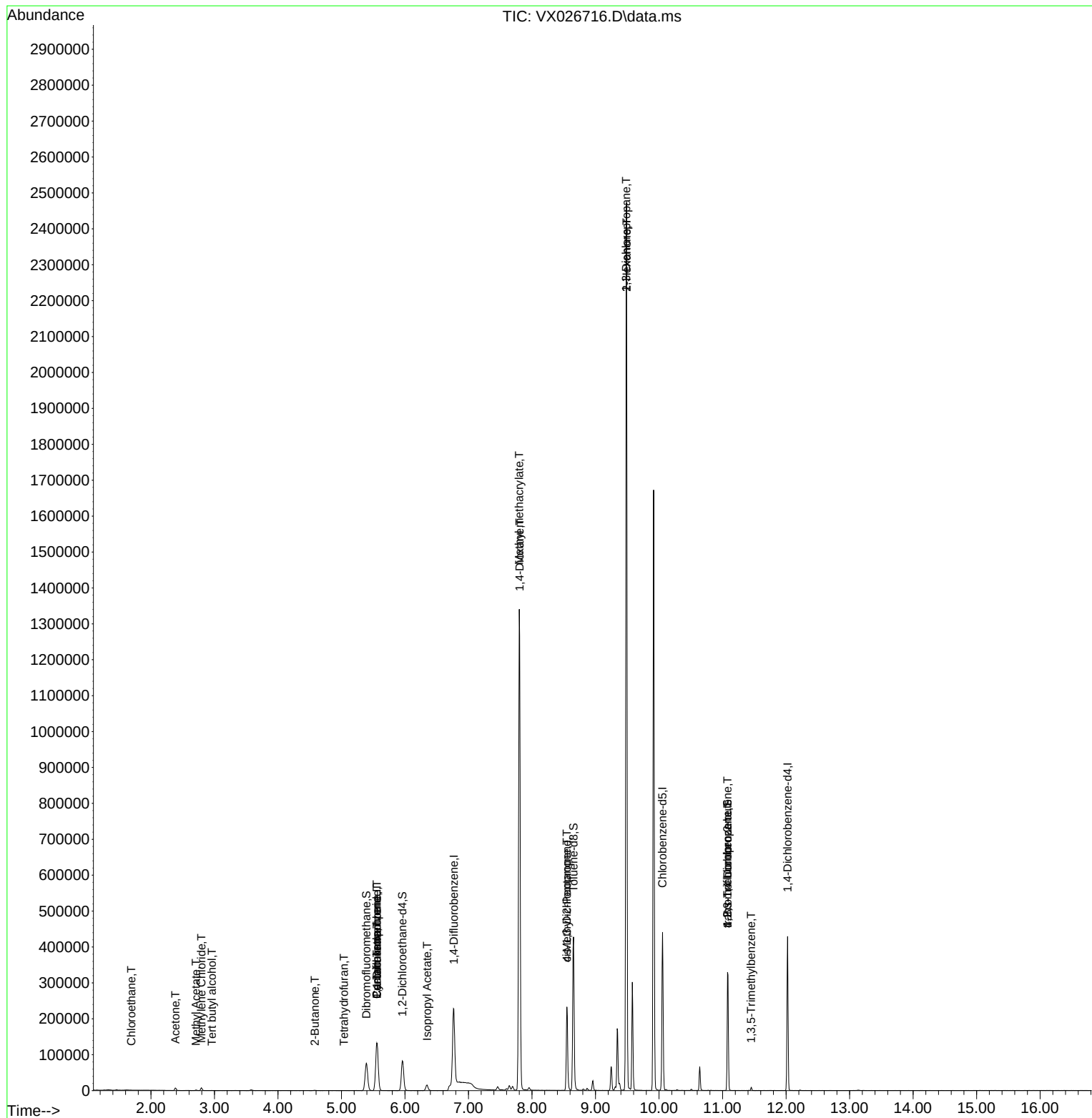
Internal Standards						
1) Pentafluorobenzene	5.556	168	127020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81615	45.997	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.000%		
35) Dibromofluoromethane	5.391	113	67031	47.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.653	98	253724	50.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.079	95	93586	52.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.240%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	171	0.234	ug/l #	43
11) Tert butyl alcohol	2.959	59	127	0.515	ug/l #	75
16) Acetone	2.386	43	8111	8.964	ug/l	100
18) Methyl Acetate	2.709	43	2048	1.138	ug/l #	90
20) Methylene Chloride	2.794	84	3177	2.125	ug/l	98
25) 2-Butanone	4.580	43	1737	1.476	ug/l #	89
29) Tetrahydrofuran	5.038	42	183	0.262	ug/l #	34
31) Cyclohexane	5.556	56	2545	0.972	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9678	4.371	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13289	5.834	ug/l #	17
43) Isopropyl Acetate	6.348	43	22267	6.154	ug/l	99
48) Methyl methacrylate	7.799	41	114073	63.614	ug/l #	44
49) 1,4-Dioxane	7.805	88	133	4.520	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79560	37.070	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	38114	16.307	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	22084	8.697	ug/l #	43
59) 2-Hexanone	9.488	43	305830	186.181	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	45989	24.220	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3860	0.662	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	45989	73.773	ug/l #	3

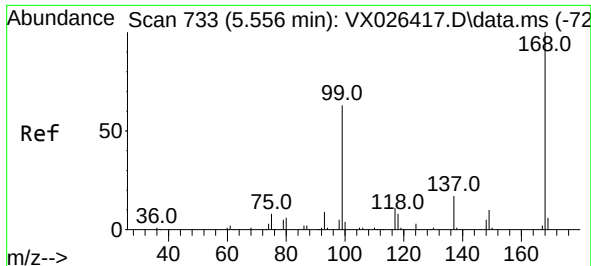
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
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Quant Time: Feb 02 04:37:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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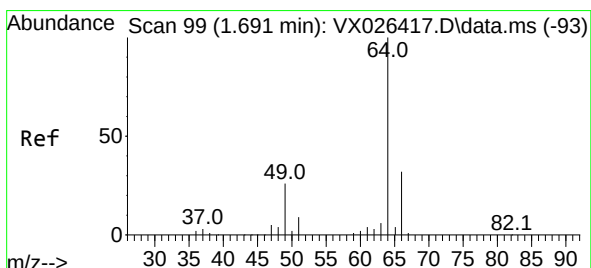
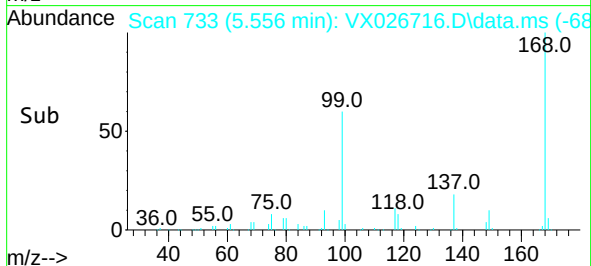
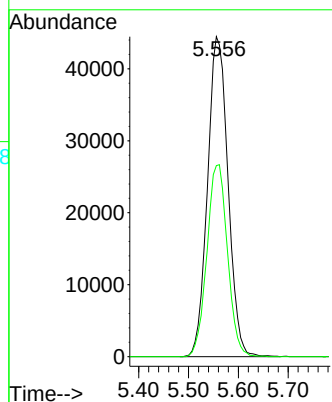
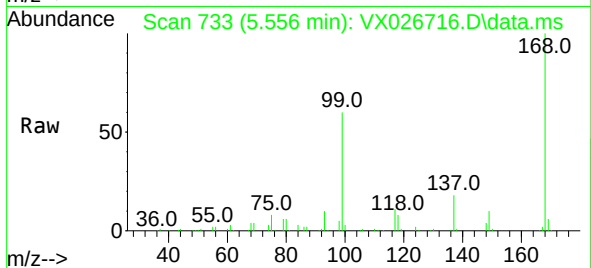




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

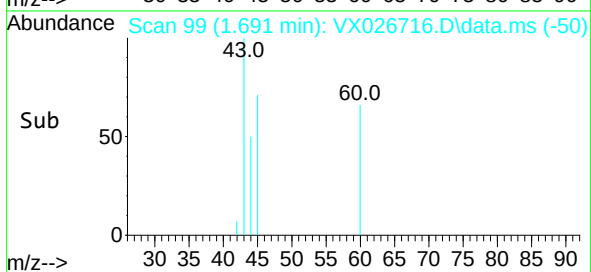
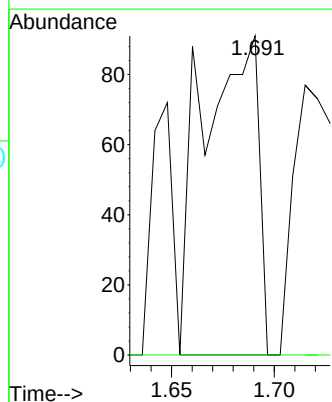
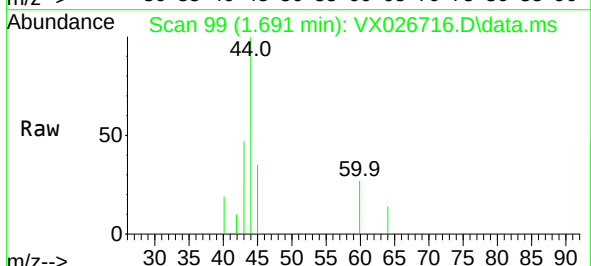
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#09

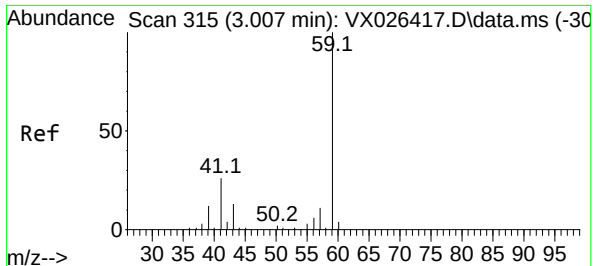
Tgt Ion:168 Resp: 127020
Ion Ratio Lower Upper
168 100
99 59.7 50.3 75.5



#6
Chloroethane
Concen: 0.234 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 64 Resp: 171
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.515 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.048 min

Lab File: VX026716.D

Acq: 01 Feb 2022 18:48

Instrument :

MSVOA_X

ClientSampleId :

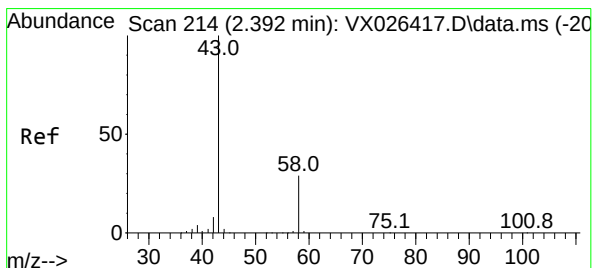
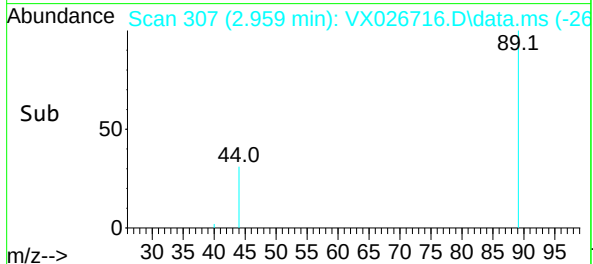
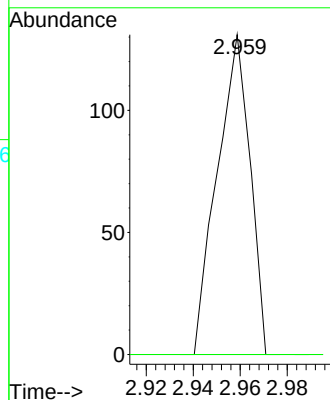
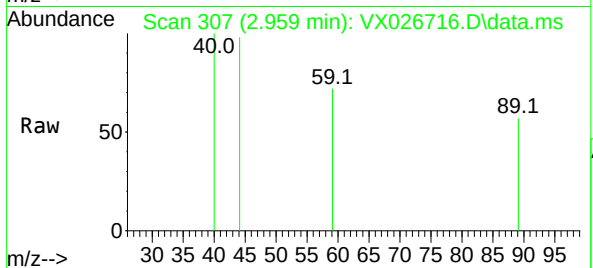
PB142403ZHE#09

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 8.964 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026716.D

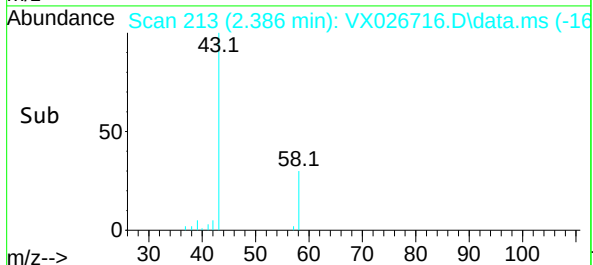
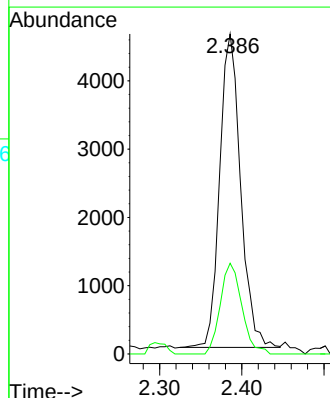
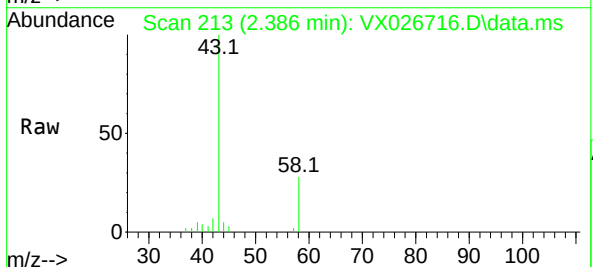
Acq: 01 Feb 2022 18:48

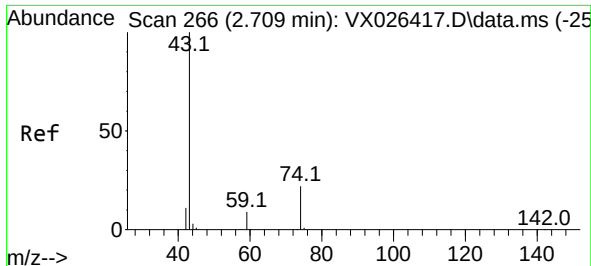
Tgt Ion: 43 Resp: 8111

Ion Ratio Lower Upper

43 100

58 28.9 23.0 34.6

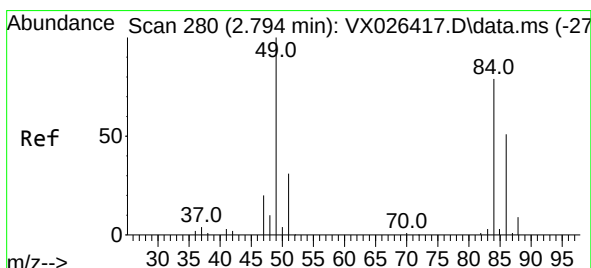
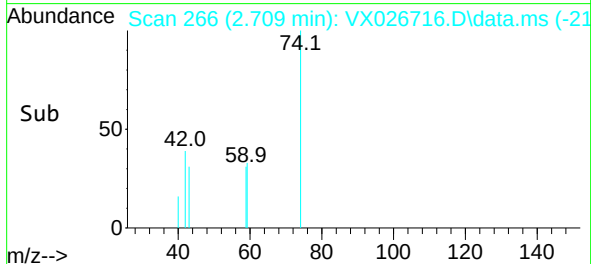
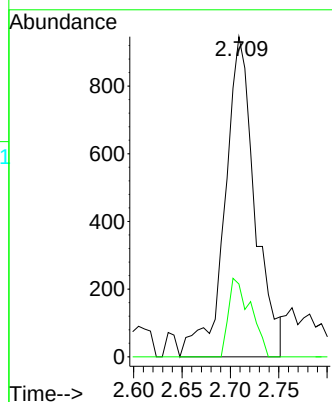
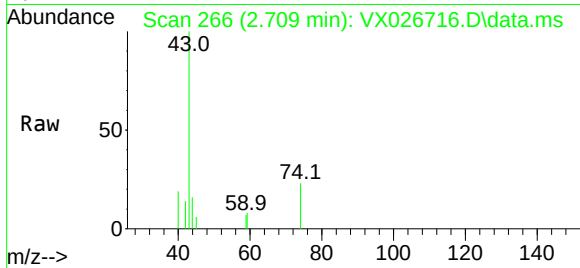




#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 2.709 min Scan# 2048
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

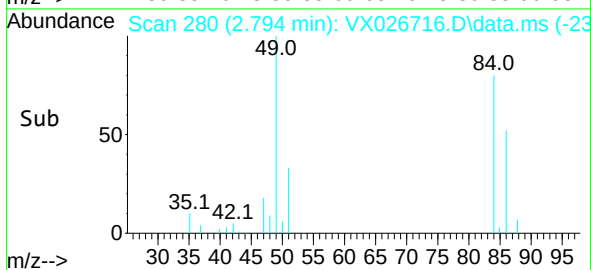
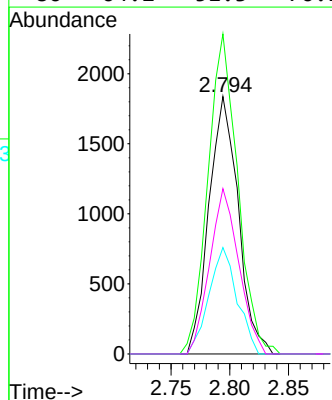
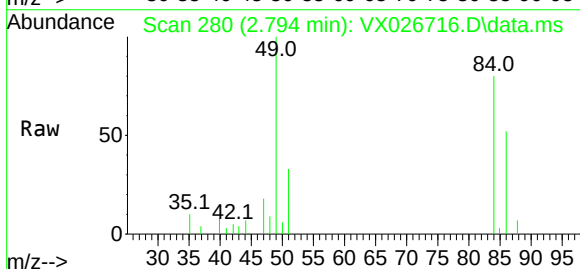
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#09

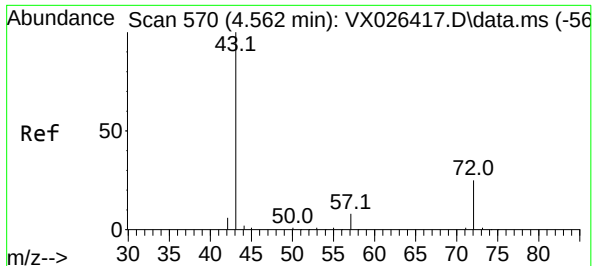
Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
74 18.0 18.3 27.5#



#20
Methylene Chloride
Concen: 2.125 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 84 Resp: 3177
Ion Ratio Lower Upper
84 100
49 124.3 101.5 152.3
51 41.3 31.2 46.8
86 64.2 51.3 76.9





#25

2-Butanone

Concen: 1.476 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026716.D

Acq: 01 Feb 2022 18:48

Instrument :

MSVOA_X

ClientSampleId :

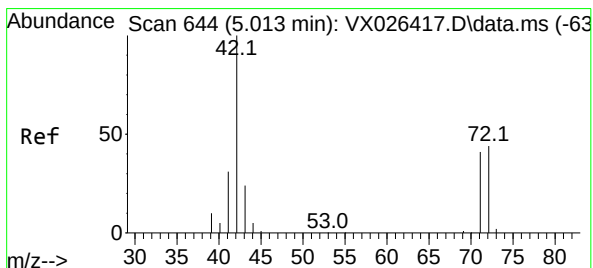
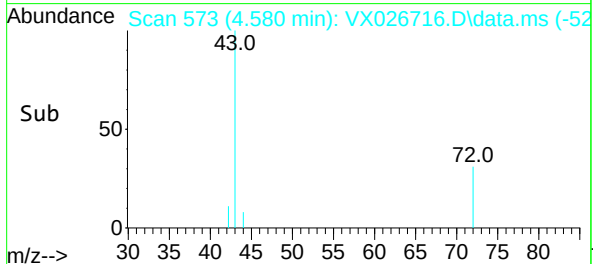
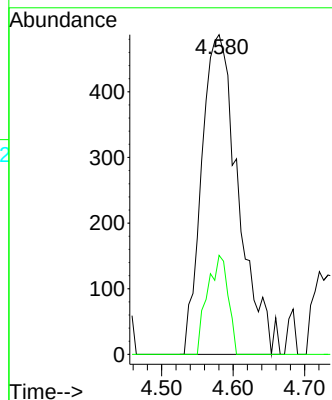
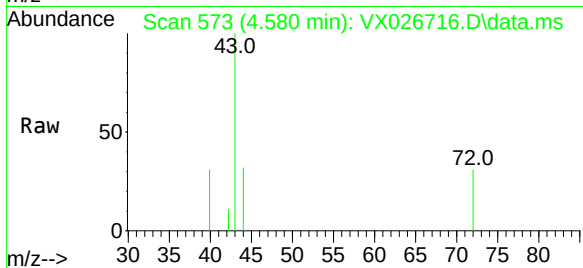
PB142403ZHE#09

Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

72 31.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.262 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX026716.D

Acq: 01 Feb 2022 18:48

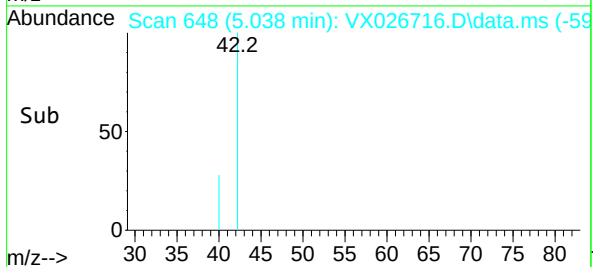
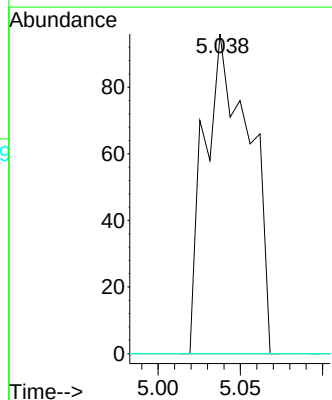
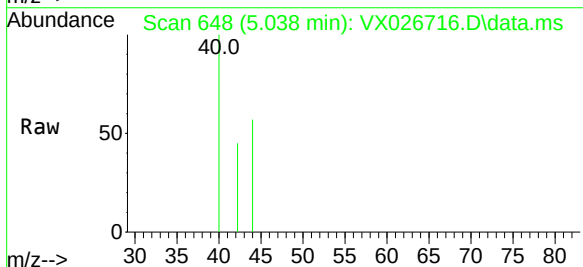
Tgt Ion: 42 Resp: 183

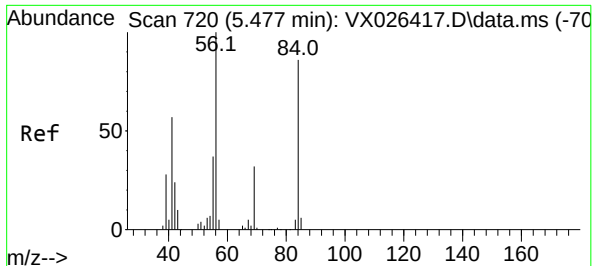
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#

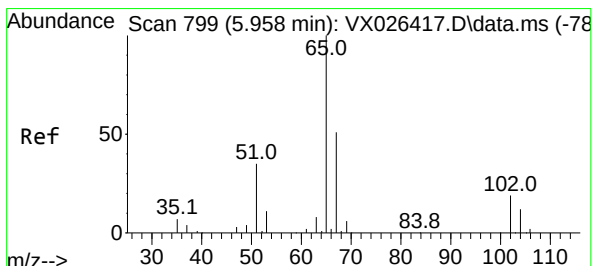
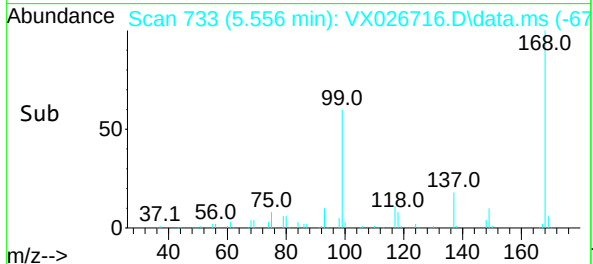
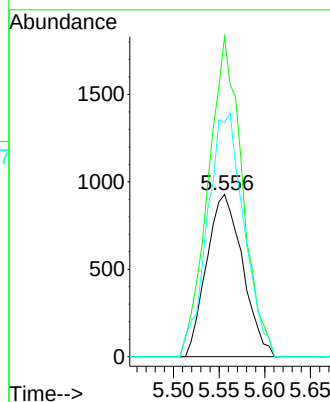
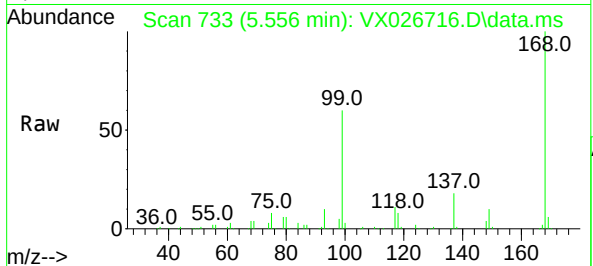




#31
Cyclohexane
Concen: 0.972 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

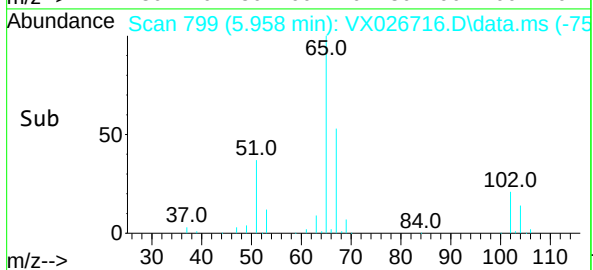
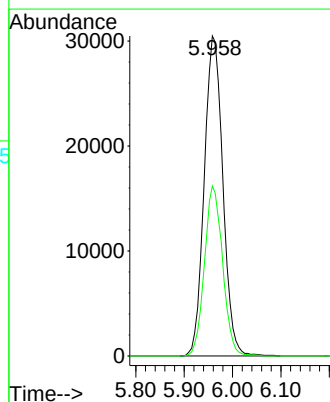
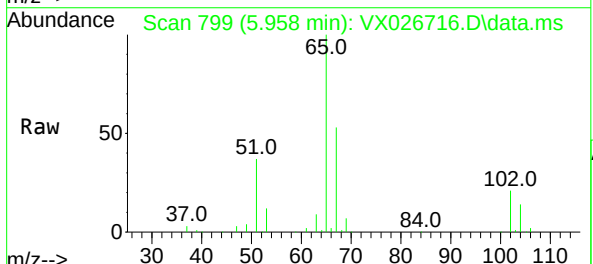
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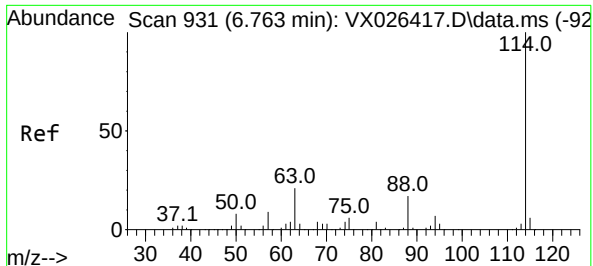
Tgt Ion: 56 Resp: 2545
Ion Ratio Lower Upper
56 100
69 197.4 25.8 38.6#
84 144.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.997 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 65 Resp: 81615
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

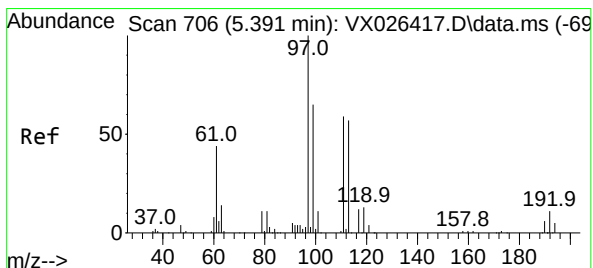
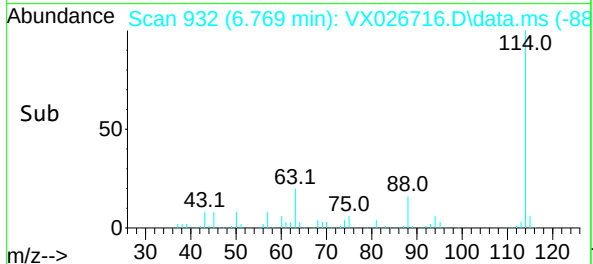
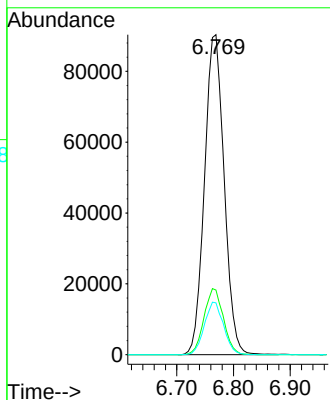
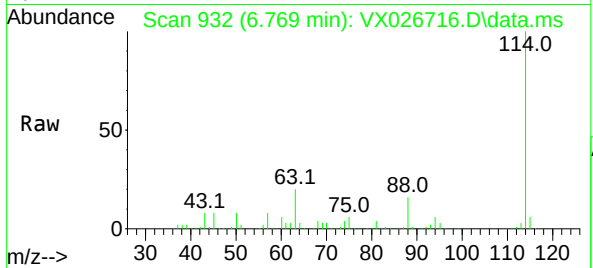




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

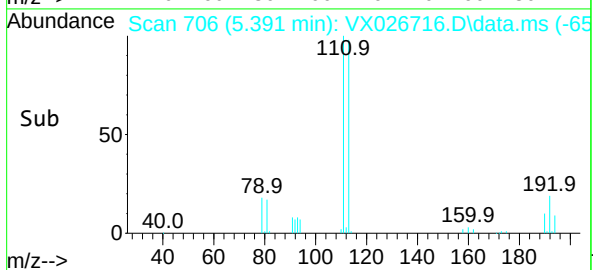
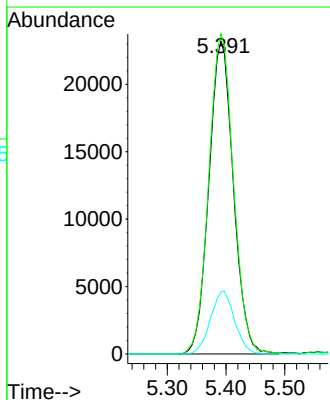
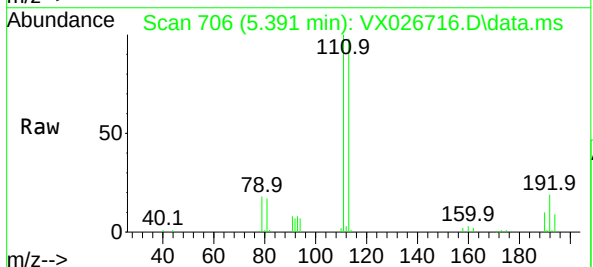
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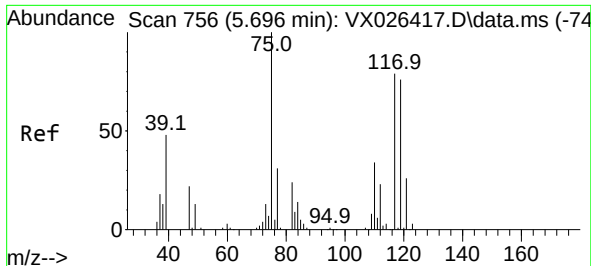
Tgt Ion:114 Resp: 217216
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.787 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion:113 Resp: 67031
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.8 15.0 22.4

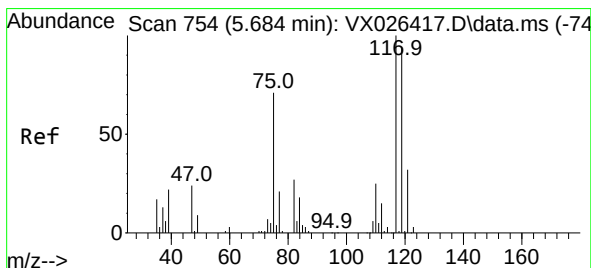
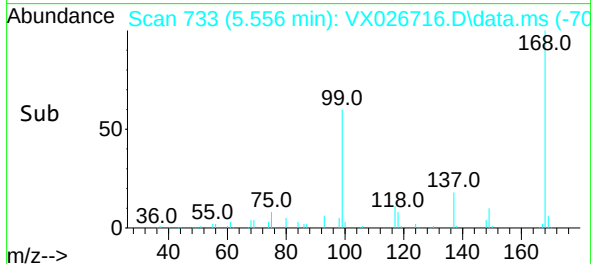
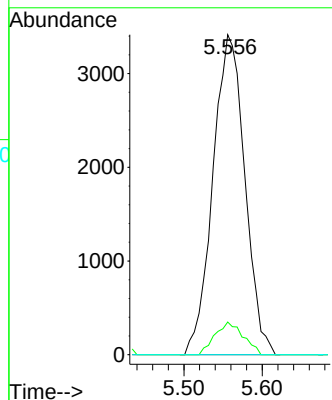
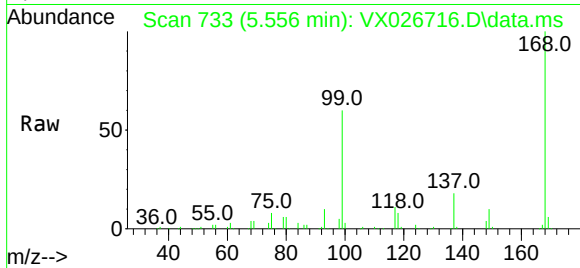




#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

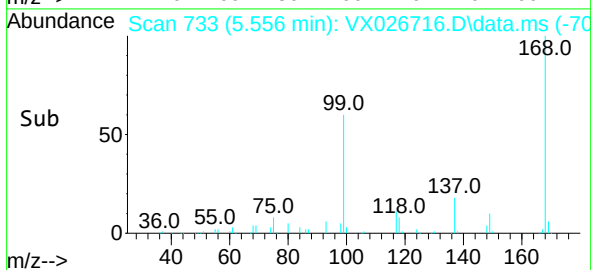
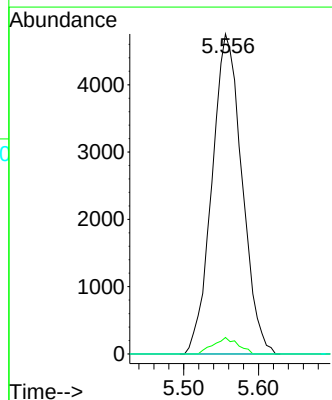
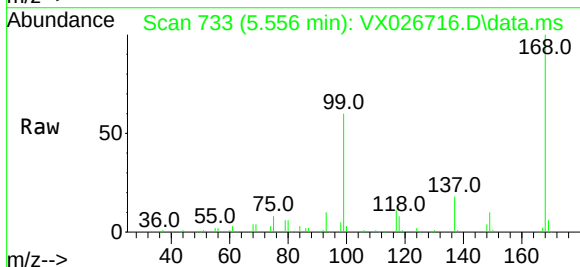
Instrument :
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PB142403ZHE#09

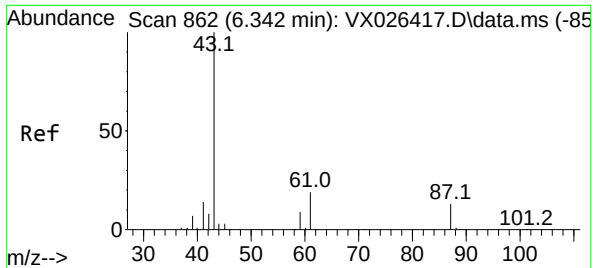
Tgt Ion: 75 Resp: 9678
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 117 Resp: 13289
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#

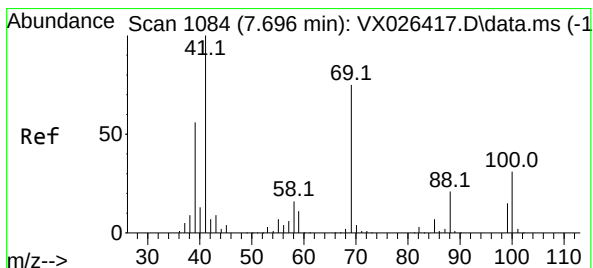
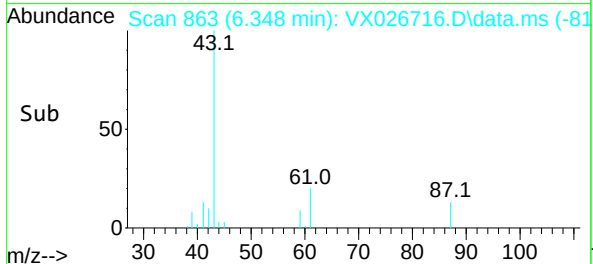
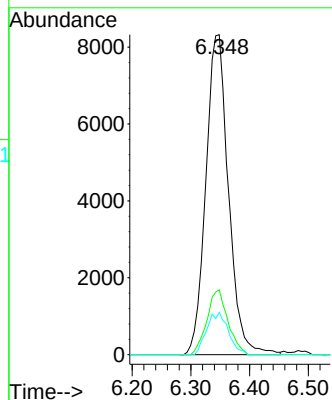
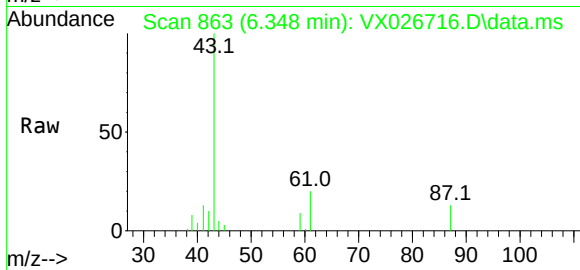




#43
Isopropyl Acetate
Concen: 6.154 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

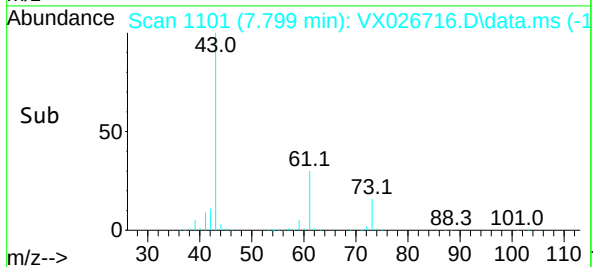
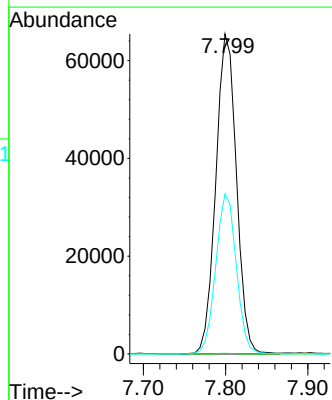
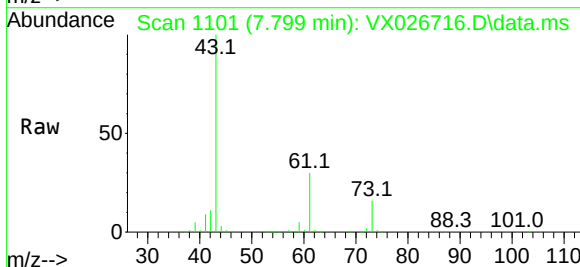
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#09

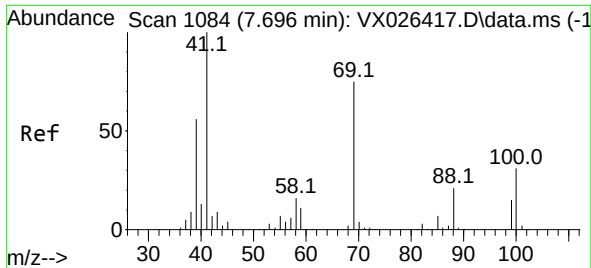
Tgt Ion: 43 Resp: 22267
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 12.6 10.2 15.2



#48
Methyl methacrylate
Concen: 63.614 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 41 Resp: 114073
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 49.9 45.4 68.0





#49

1,4-Dioxane

Concen: 4.520 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026716.D

Acq: 01 Feb 2022 18:48

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#09

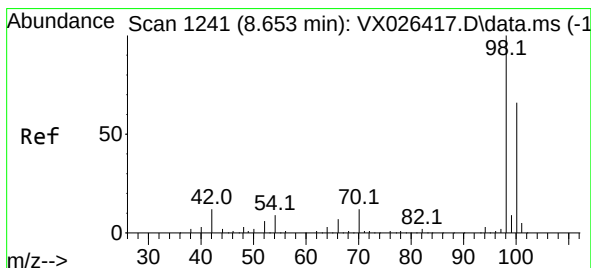
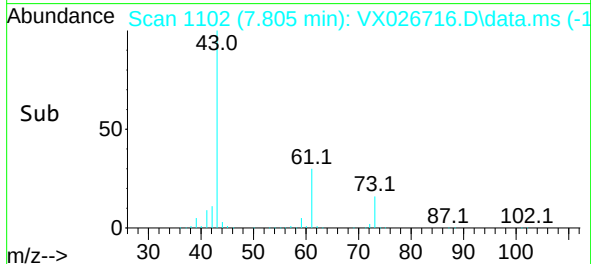
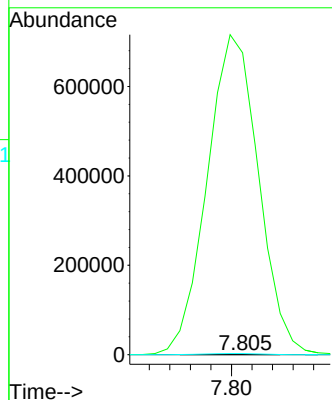
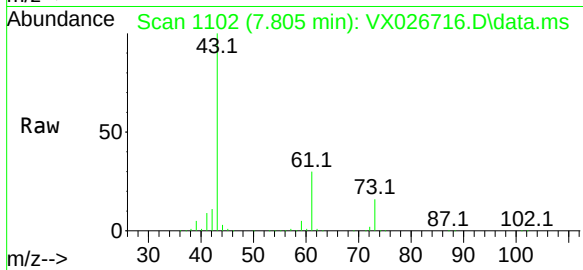
Tgt Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

43 939282.7 29.9 44.9#

58 3658.6 57.8 86.6#



#50

Toluene-d8

Concen: 50.195 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026716.D

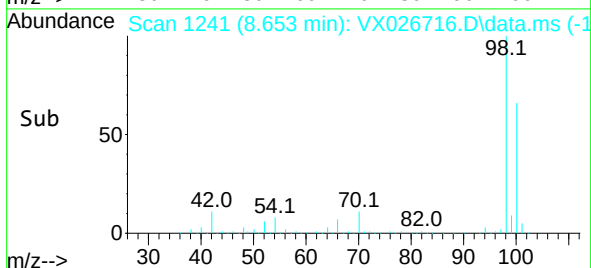
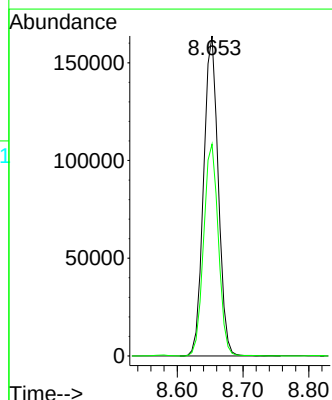
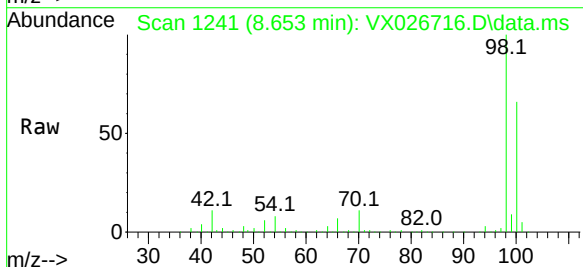
Acq: 01 Feb 2022 18:48

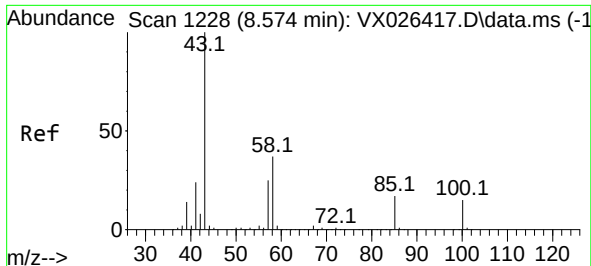
Tgt Ion: 98 Resp: 253724

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8

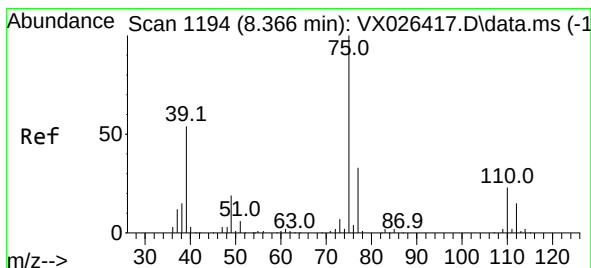
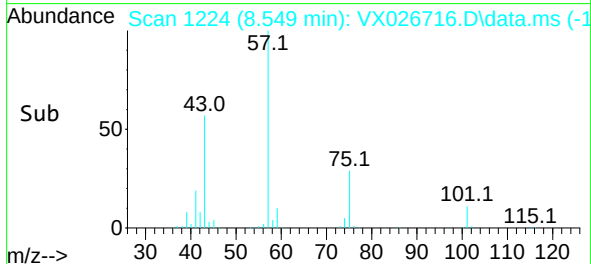
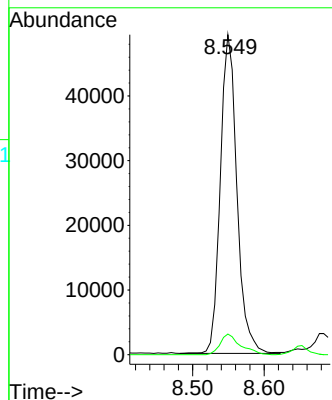
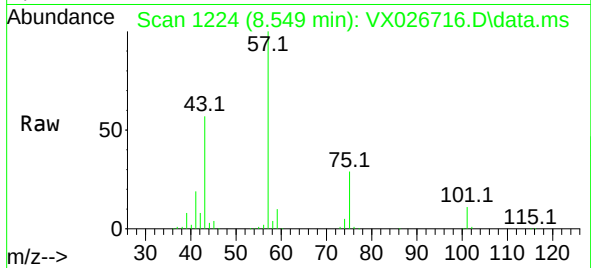




#51
4-Methyl-2-Pentanone
Concen: 37.070 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

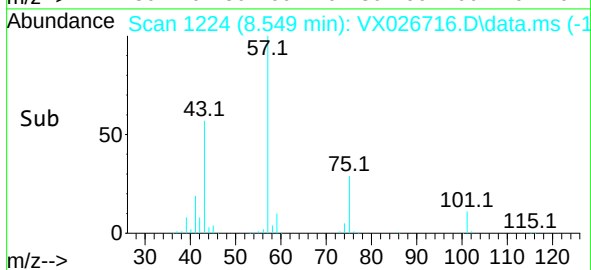
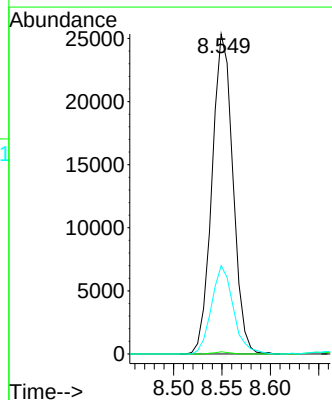
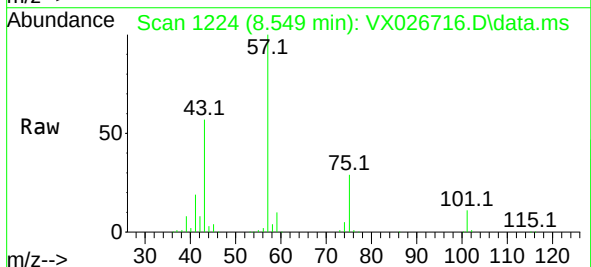
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#09

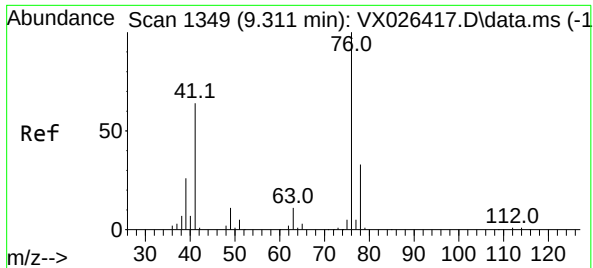
Tgt Ion: 43 Resp: 79560
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.307 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 75 Resp: 38114
Ion Ratio Lower Upper
75 100
77 0.7 26.2 39.2#
39 27.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.697 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026716.D

Acq: 01 Feb 2022 18:48

Instrument :

MSVOA_X

ClientSampleId :

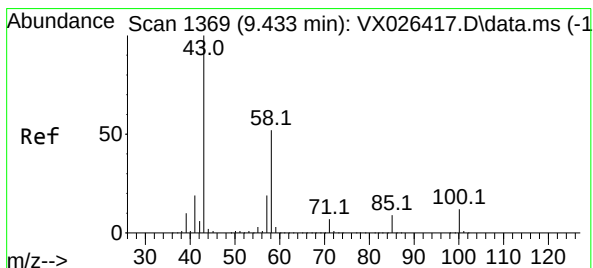
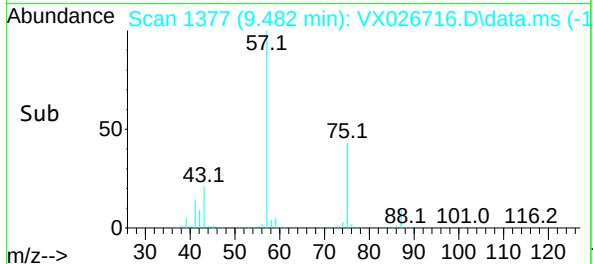
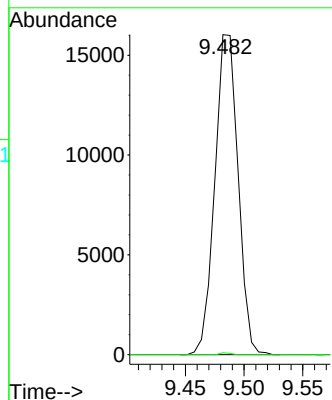
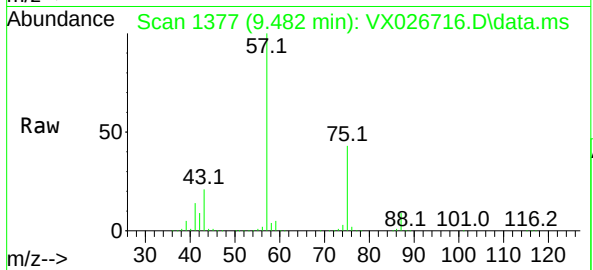
PB142403ZHE#09

Tgt Ion: 76 Resp: 22084

Ion Ratio Lower Upper

76 100

78 0.3 25.7 38.5#



#59

2-Hexanone

Concen: 186.181 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026716.D

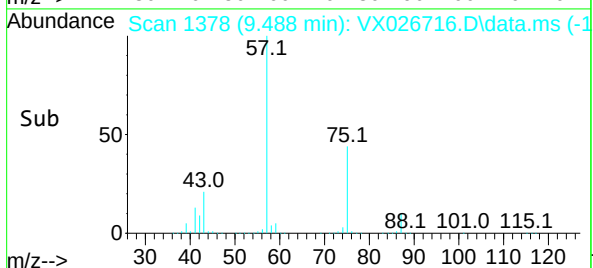
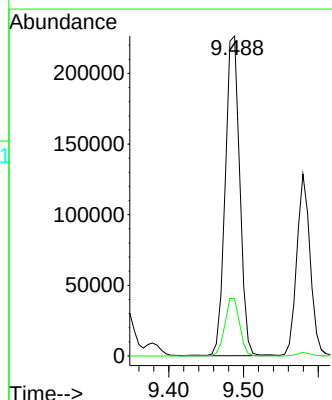
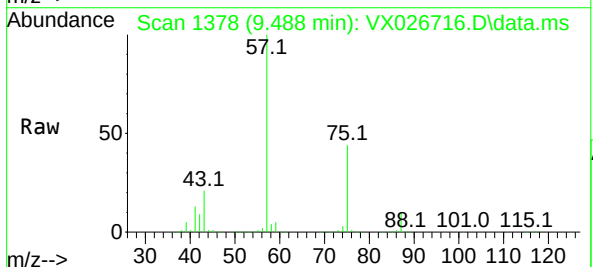
Acq: 01 Feb 2022 18:48

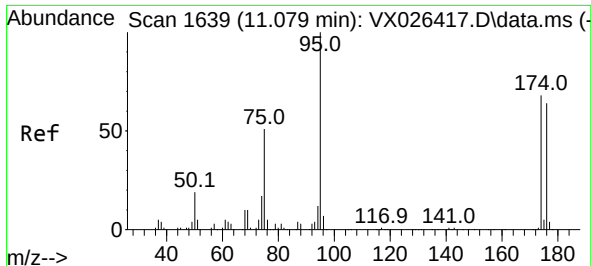
Tgt Ion: 43 Resp: 305830

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

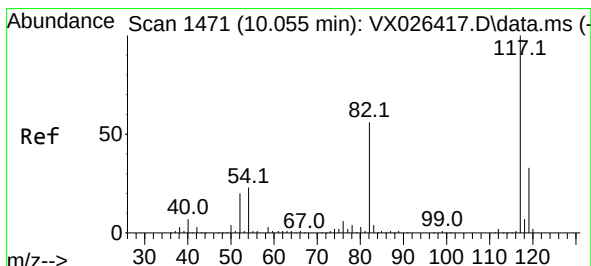
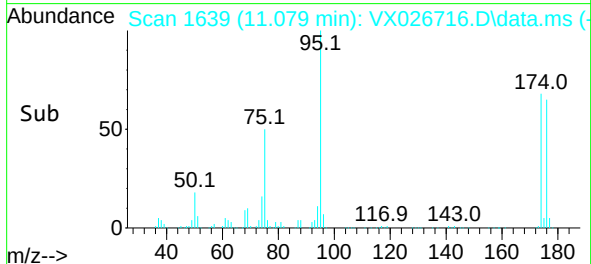
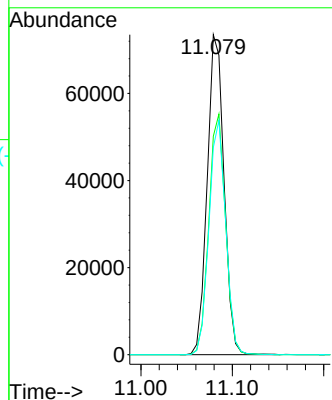
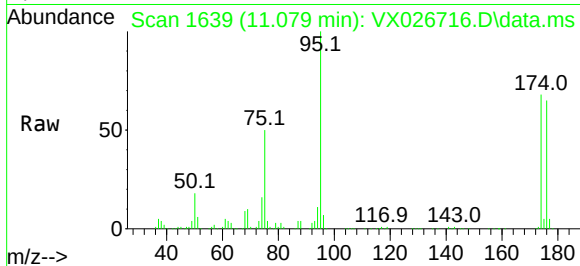




#62
4-Bromofluorobenzene
Concen: 52.118 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

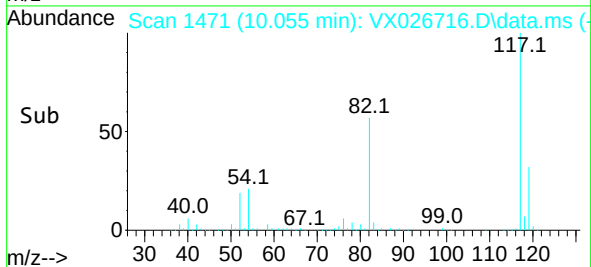
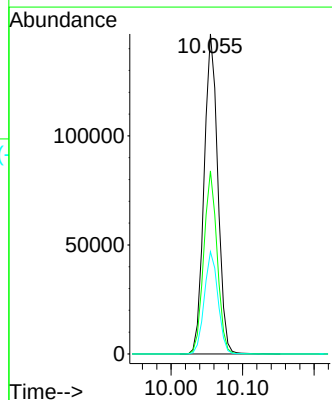
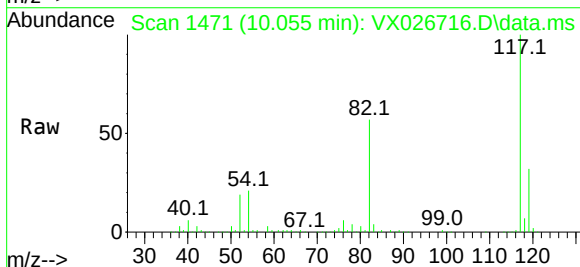
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#09

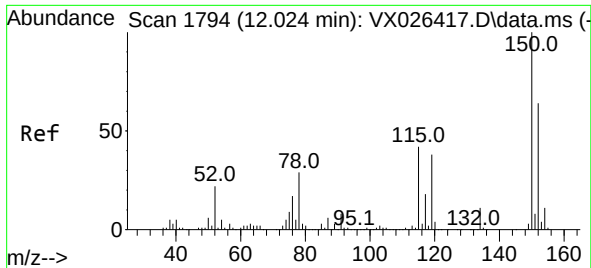
Tgt Ion: 95 Resp: 93586
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026716.D
Acq: 01 Feb 2022 18:48

Tgt Ion: 117 Resp: 195516
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 31.9 26.2 39.2

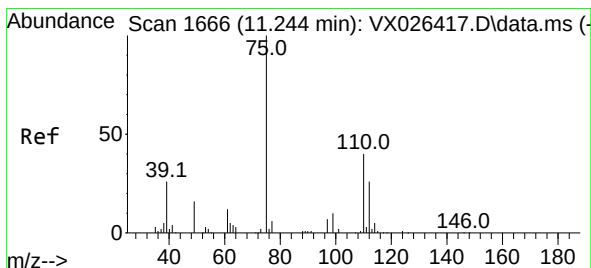
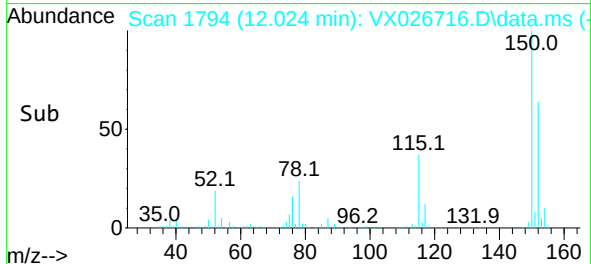
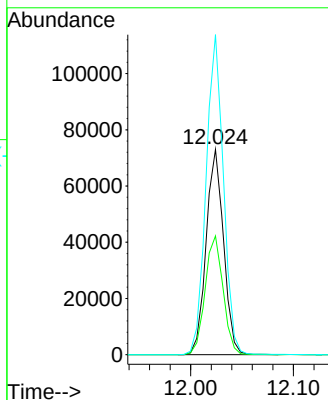
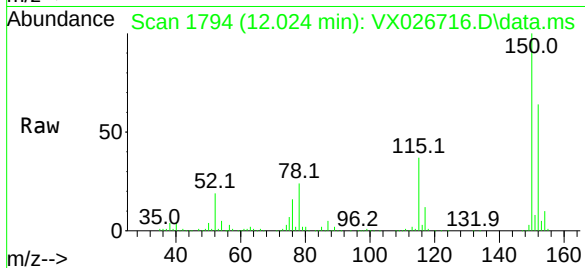




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026716.D
 Acq: 01 Feb 2022 18:48

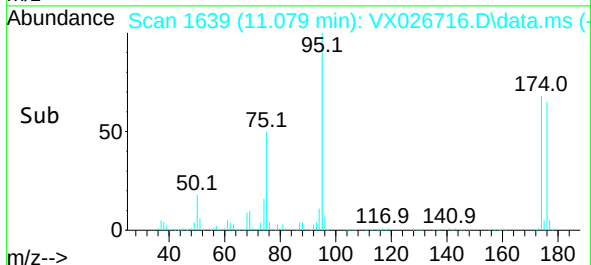
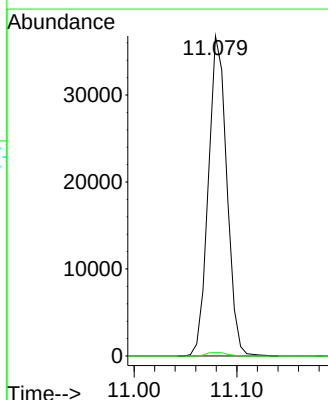
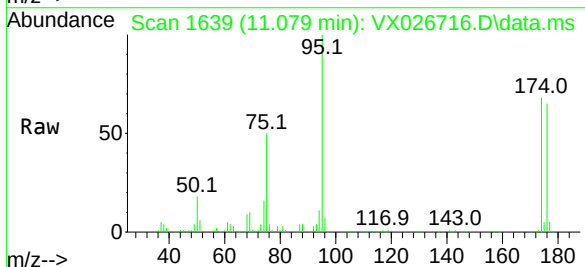
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#09

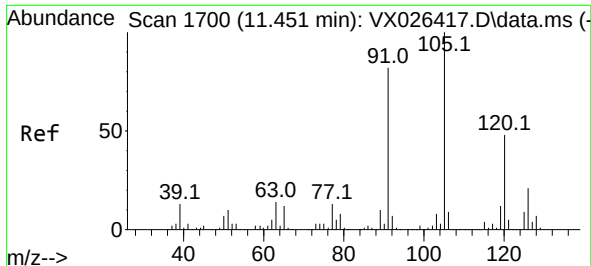
Tgt Ion:152 Resp: 86241
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.2 132.6
 150 155.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.220 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026716.D
 Acq: 01 Feb 2022 18:48

Tgt Ion: 75 Resp: 45989
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#

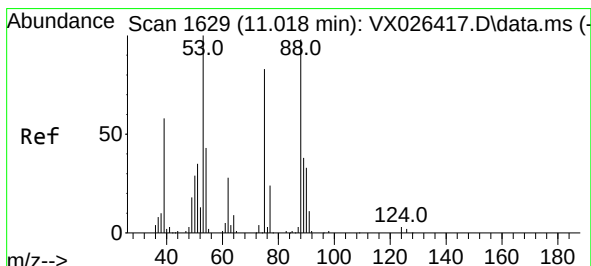
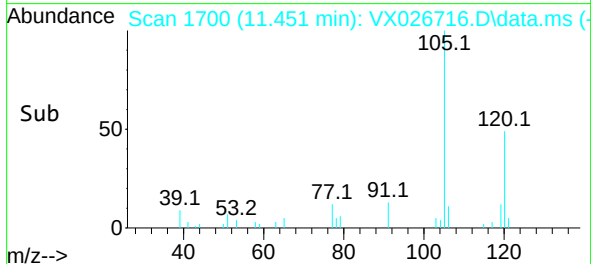
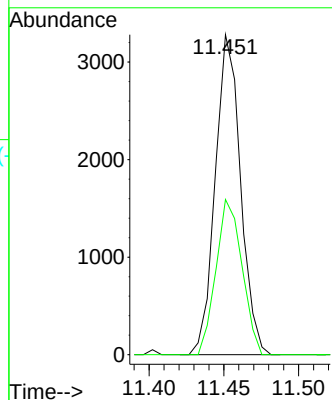
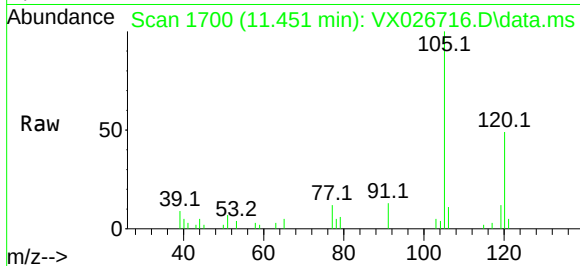




#80
 1,3,5-Trimethylbenzene
 Concen: 0.662 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026716.D
 Acq: 01 Feb 2022 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#09

Tgt Ion:105 Resp: 3860
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.773 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026716.D
 Acq: 01 Feb 2022 18:48

Tgt Ion: 75 Resp: 45989
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

