

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026722.D
 Acq On : 01 Feb 2022 21:06
 Operator : JC/MD
 Sample : PB142403ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#15

Quant Time: Feb 02 04:38:27 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)

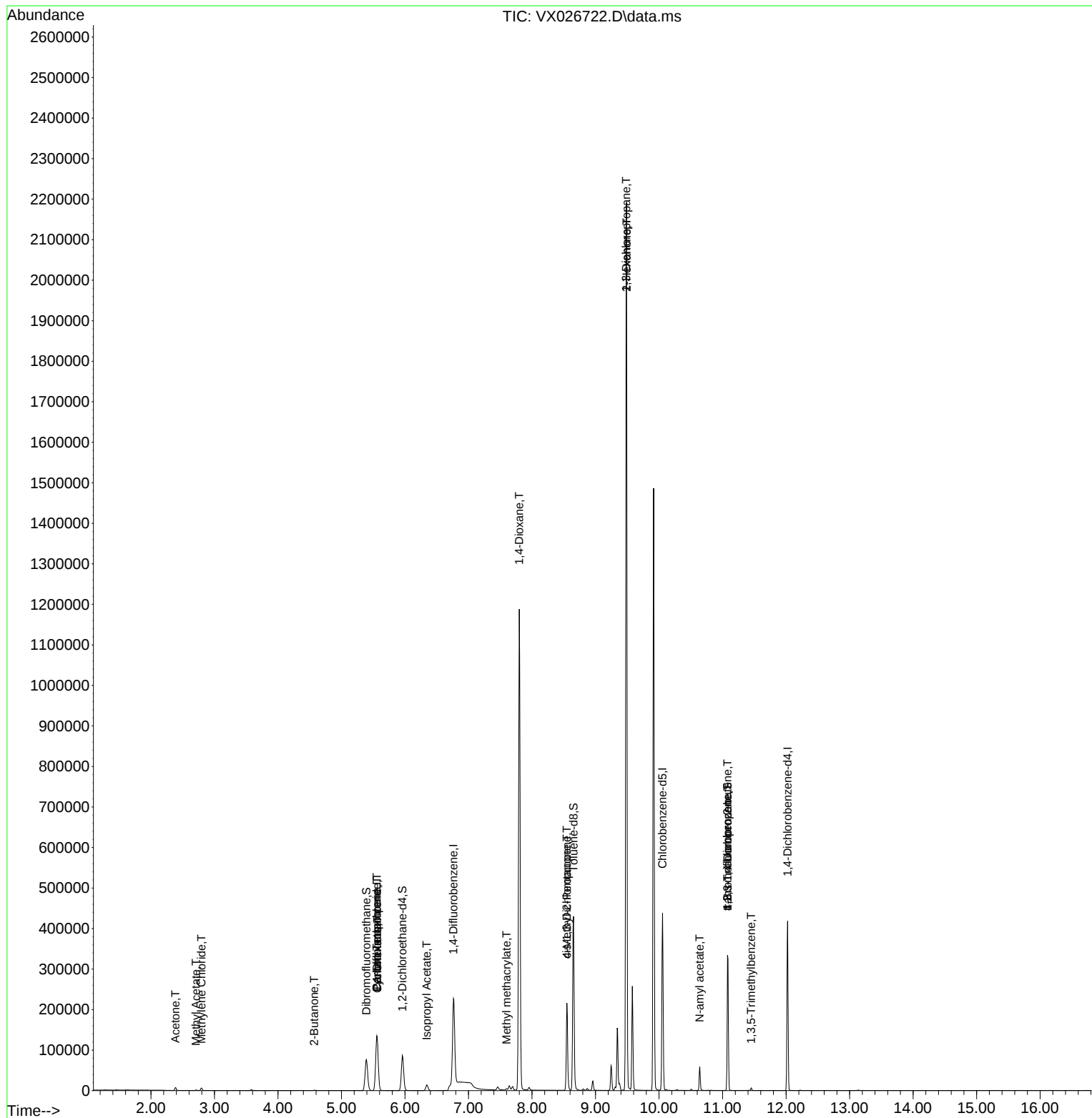
Internal Standards						
1) Pentafluorobenzene	5.556	168	128268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81984	45.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.391	113	67171	48.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.653	98	255917	50.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	92954	51.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.820%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	8115	8.881	ug/l	99
18) Methyl Acetate	2.709	43	2137	1.176	ug/l #	83
20) Methylene Chloride	2.794	84	2872	1.902	ug/l	86
25) 2-Butanone	4.568	43	1919	1.615	ug/l #	80
31) Cyclohexane	5.562	56	2509	0.949	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9672	4.380	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13027	5.735	ug/l #	17
43) Isopropyl Acetate	6.342	43	19459	5.392	ug/l	99
48) Methyl methacrylate	7.598	41	5321	2.975	ug/l #	16
49) 1,4-Dioxane	7.799	88	146	4.975	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	71050	33.195	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	33837	14.517	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	19501	7.700	ug/l #	43
59) 2-Hexanone	9.488	43	270345	165.028	ug/l #	52
74) N-amyl acetate	10.640	43	13646	5.087	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	45662	24.466	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3092	0.540	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	45662	74.474	ug/l #	4

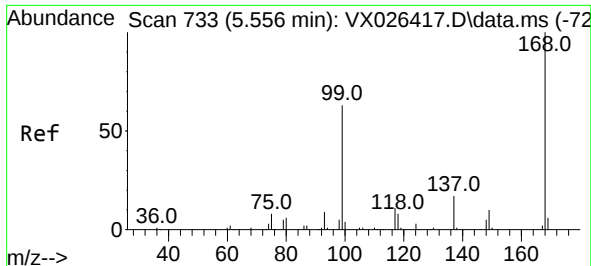
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 04:38:27 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

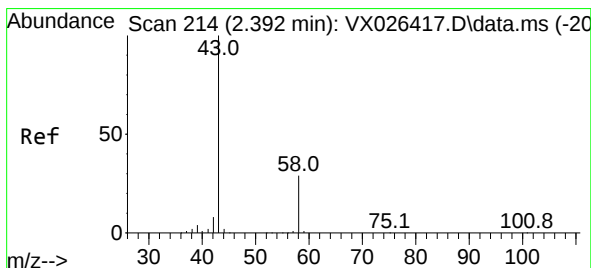
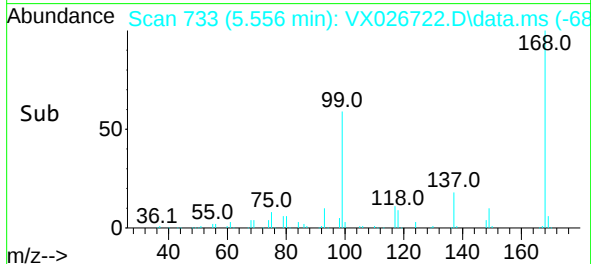
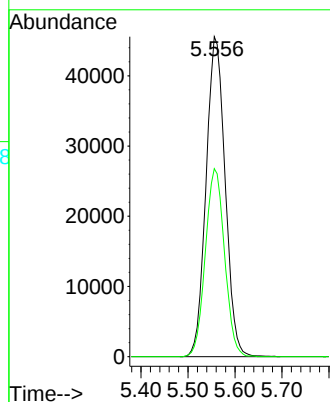
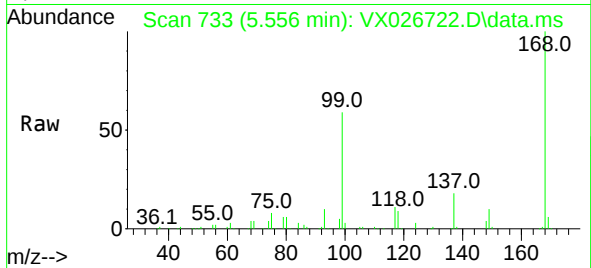




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

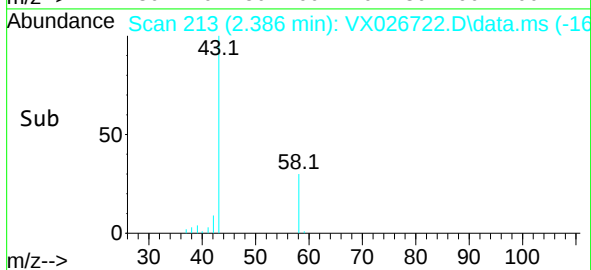
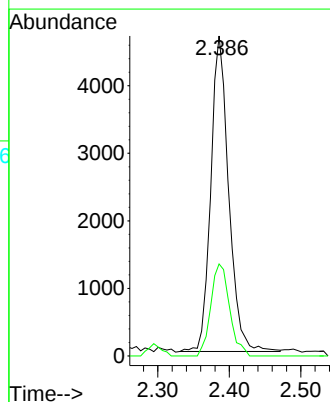
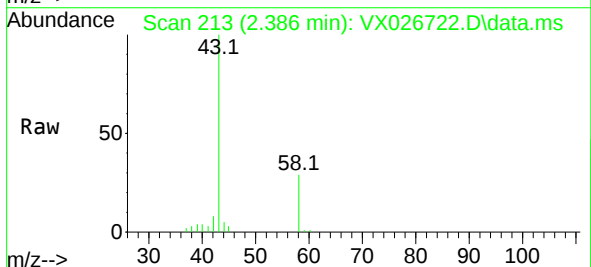
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

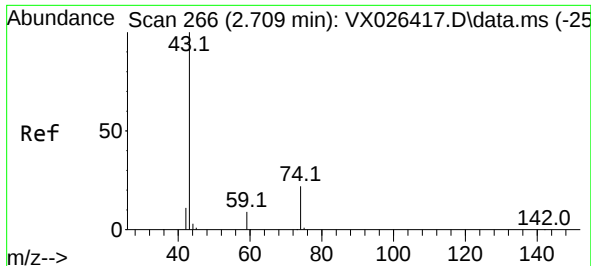
Tgt Ion:168 Resp: 128268
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#16
Acetone
Concen: 8.881 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 43 Resp: 8115
Ion Ratio Lower Upper
43 100
58 29.1 23.0 34.6

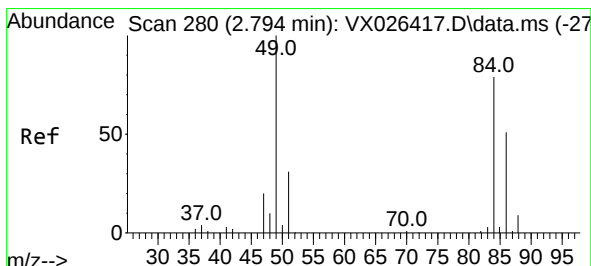
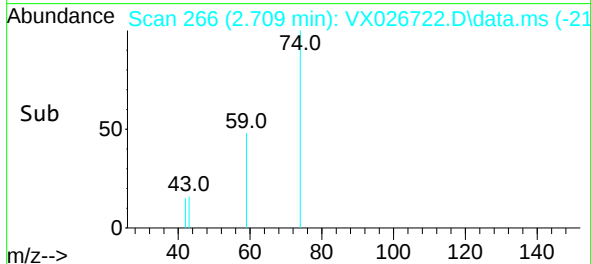
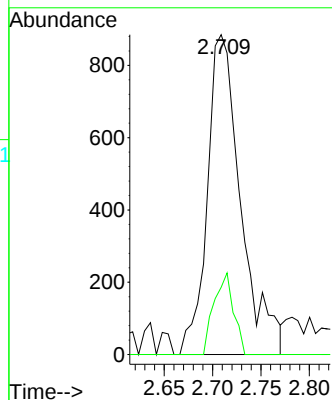
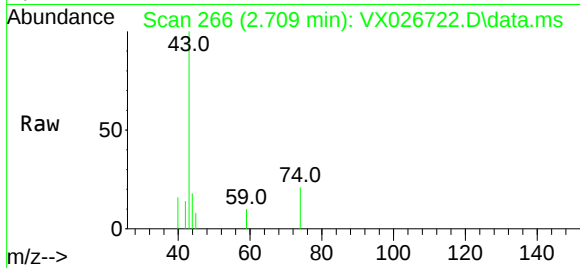




#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

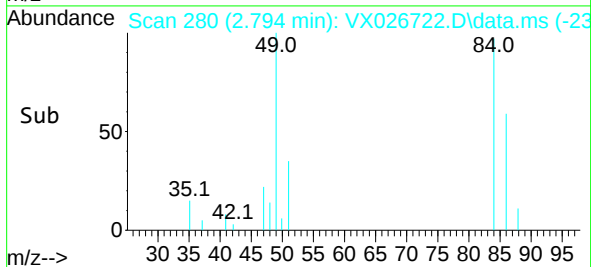
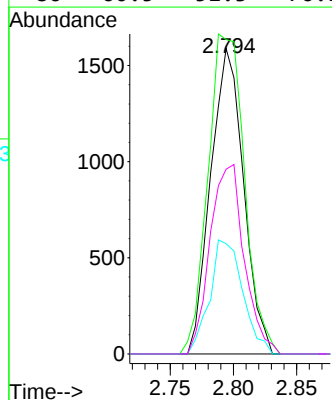
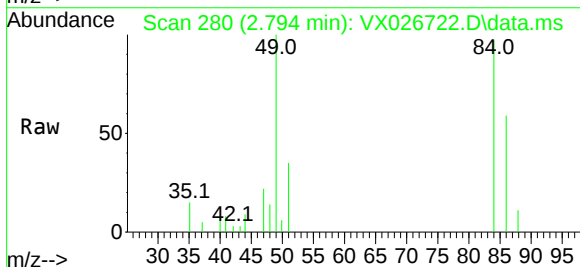
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

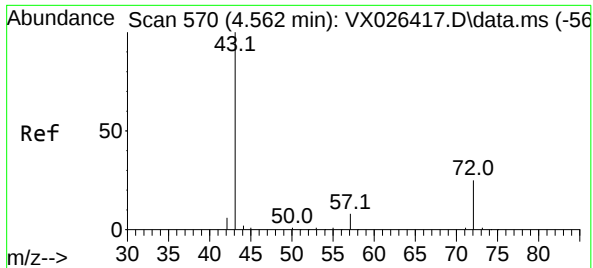
Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
74 14.8 18.3 27.5#



#20
Methylene Chloride
Concen: 1.902 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 84 Resp: 2872
Ion Ratio Lower Upper
84 100
49 103.0 101.5 152.3
51 36.1 31.2 46.8
86 60.5 51.3 76.9

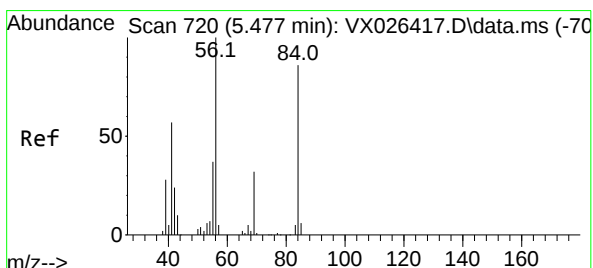
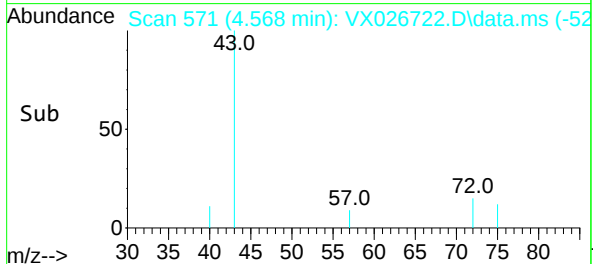
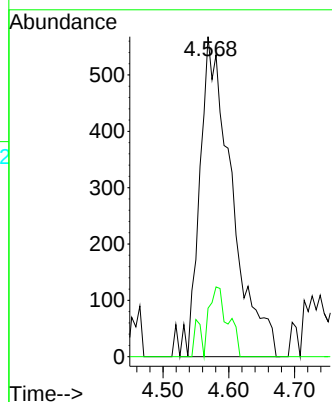
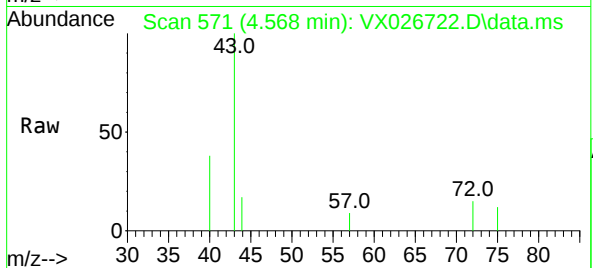




#25
2-Butanone
Concen: 1.615 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

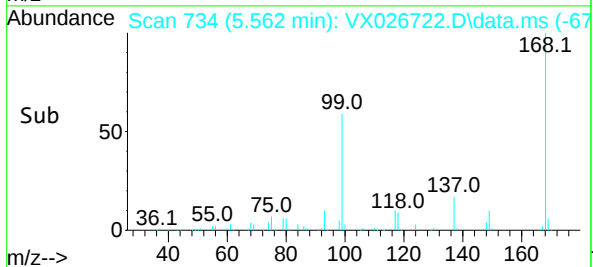
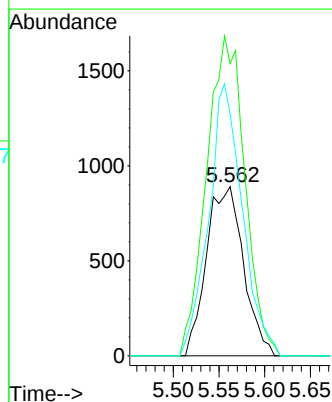
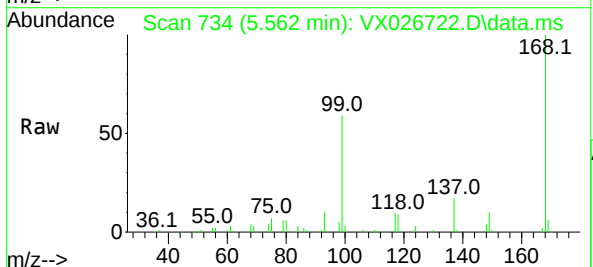
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

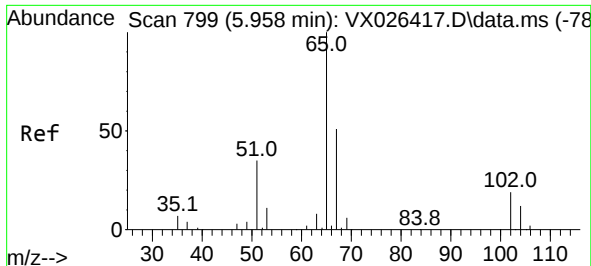
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
72 15.1 20.4 30.6#



#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 56 Resp: 2509
Ion Ratio Lower Upper
56 100
69 172.7 25.8 38.6#
84 143.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.755 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026722.D

Acq: 01 Feb 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

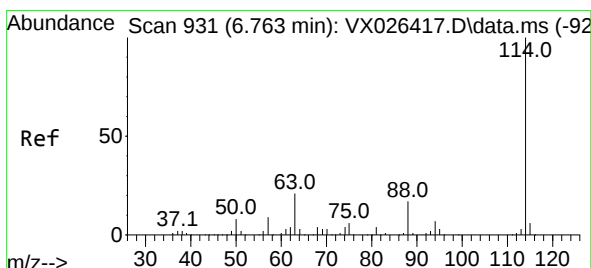
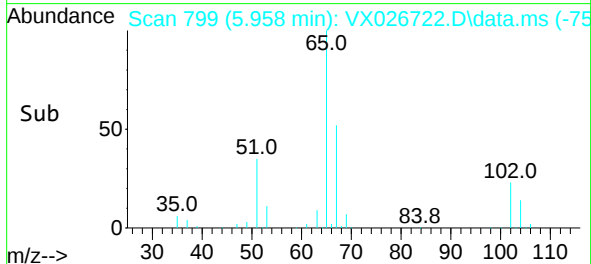
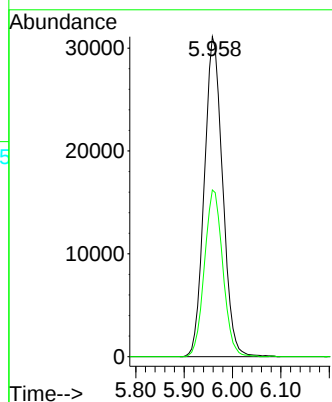
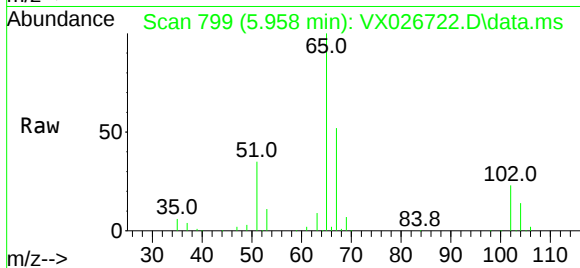
PB142403ZHE#15

Tgt Ion: 65 Resp: 81984

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026722.D

Acq: 01 Feb 2022 21:06

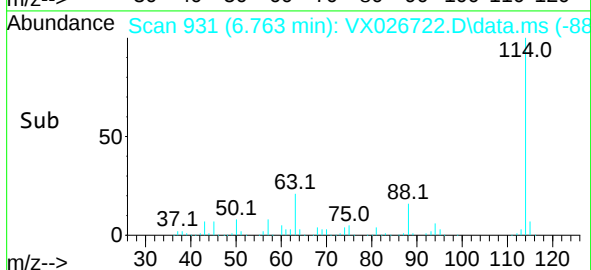
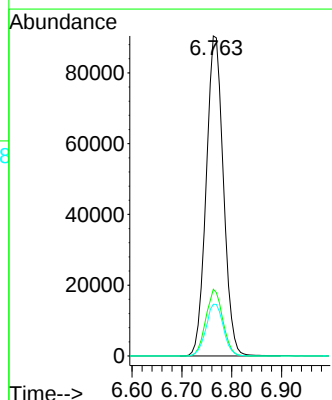
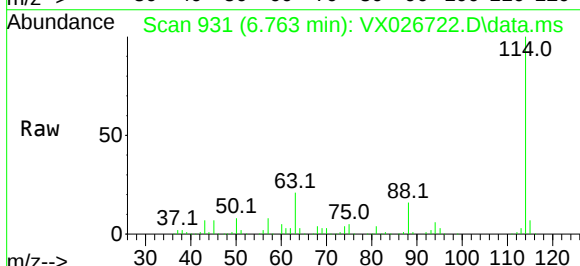
Tgt Ion: 114 Resp: 216625

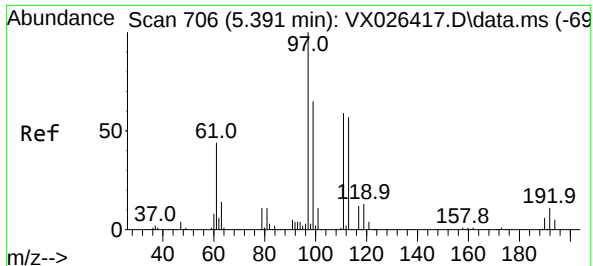
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.2 0.0 33.0

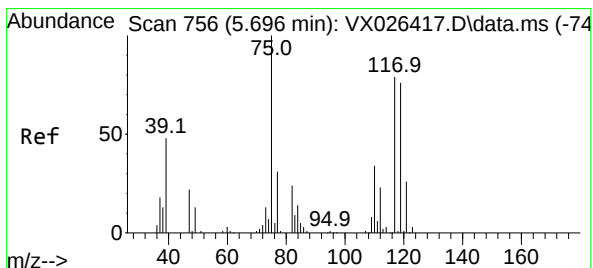
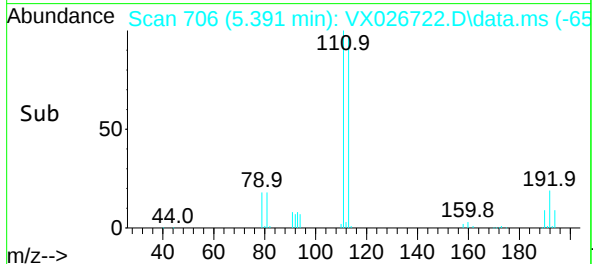
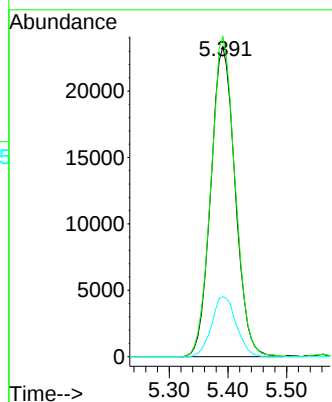
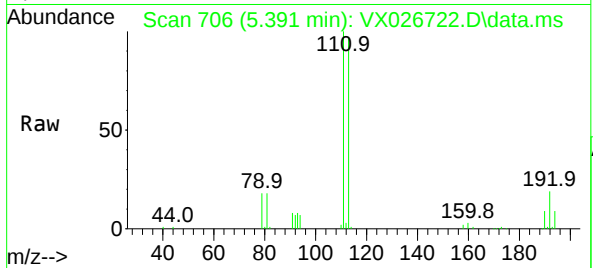




#35
Dibromofluoromethane
Concen: 48.017 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

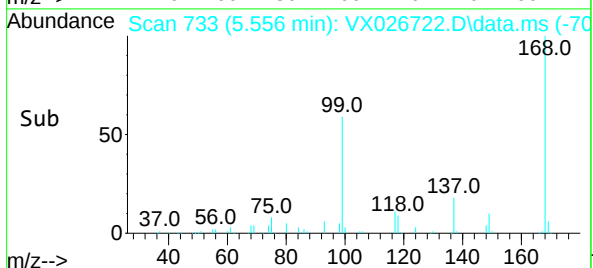
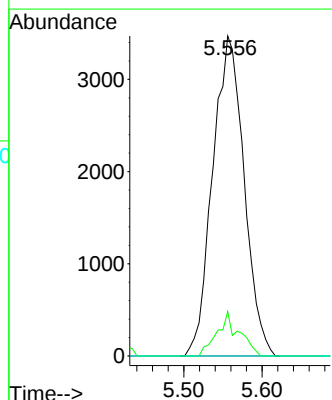
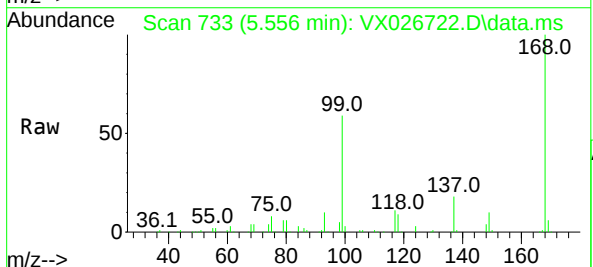
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

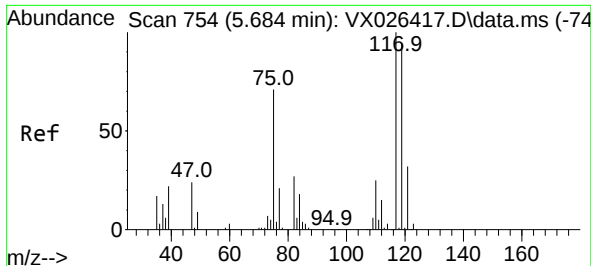
Tgt Ion:113 Resp: 67171
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

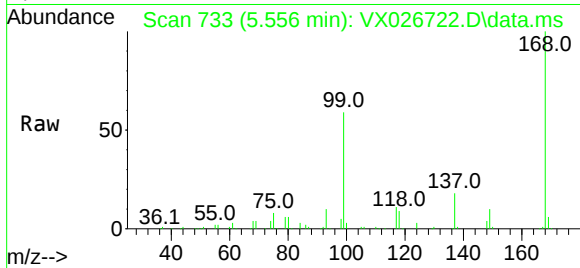
Tgt Ion: 75 Resp: 9672
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



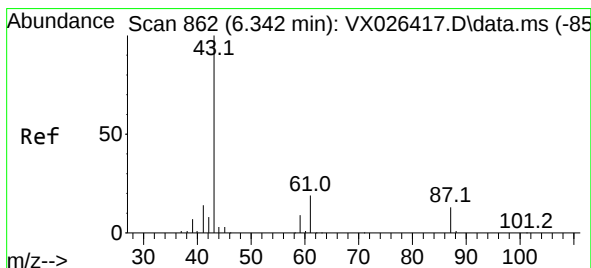
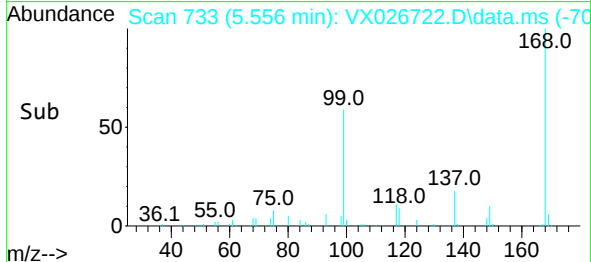
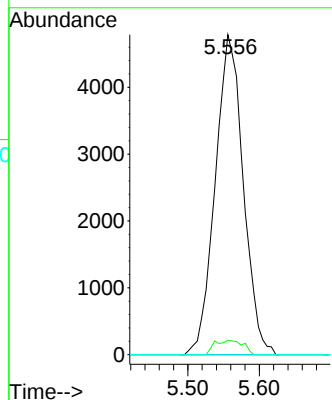


#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

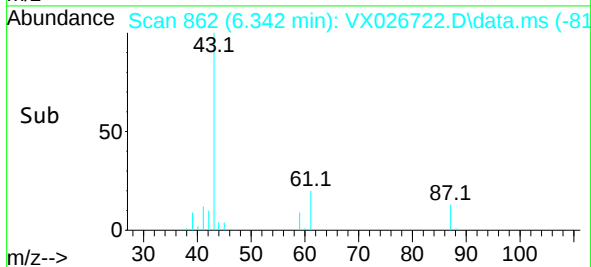
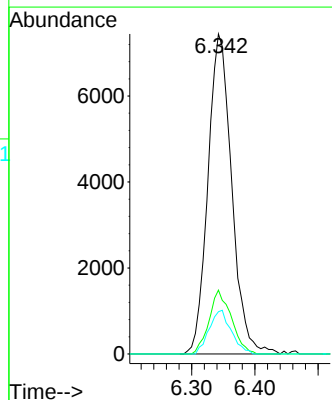
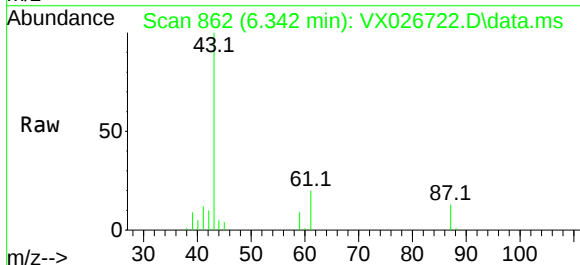


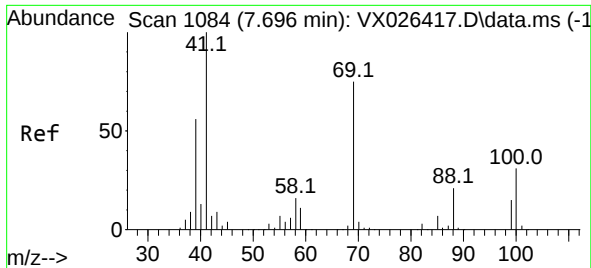
Tgt Ion:117 Resp: 13027
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 5.392 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 43 Resp: 19459
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 12.6 10.2 15.2

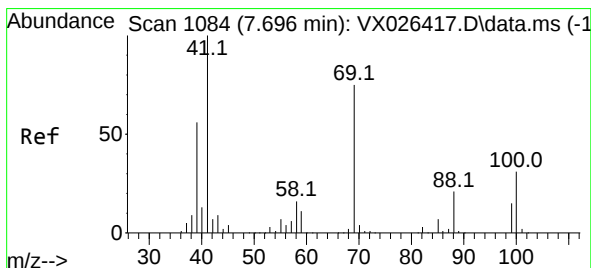
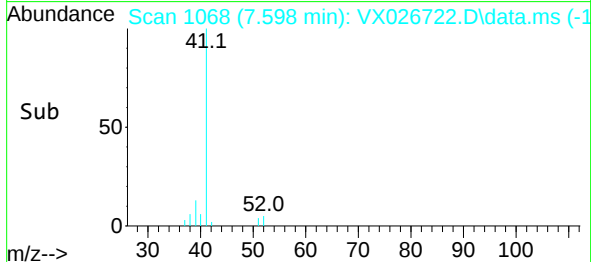
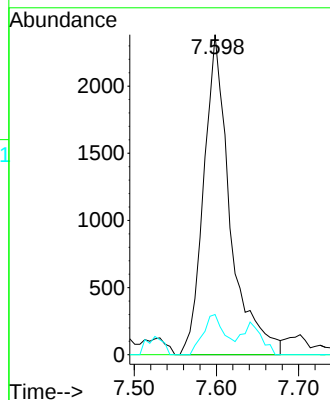
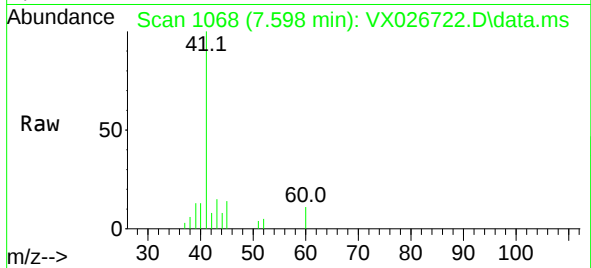




#48
Methyl methacrylate
Concen: 2.975 ug/l
RT: 7.598 min Scan# 1101
Delta R.T. -0.097 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

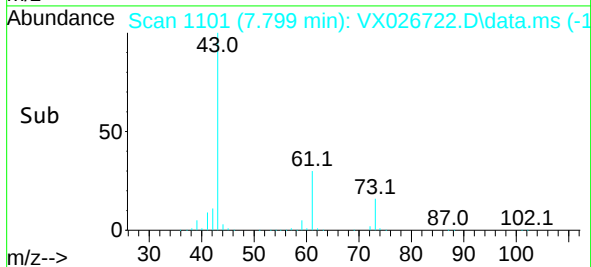
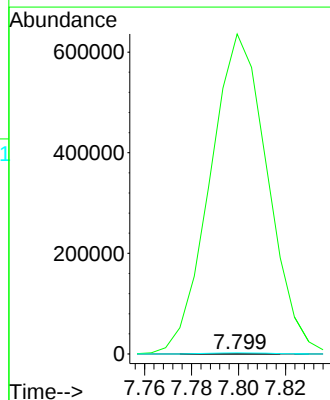
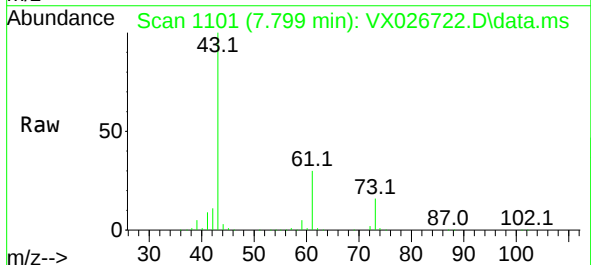
Instrument :
MSVOA_X
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PB142403ZHE#15

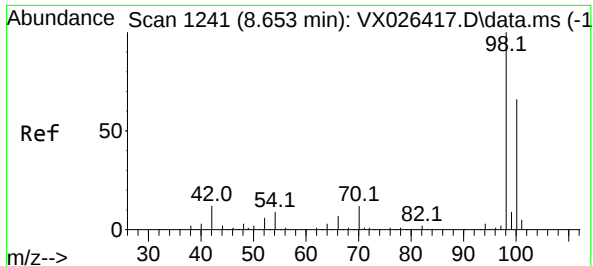
Tgt Ion: 41 Resp: 5321
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#



#49
1,4-Dioxane
Concen: 4.975 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 745405.5 29.9 44.9#
58 2770.5 57.8 86.6#

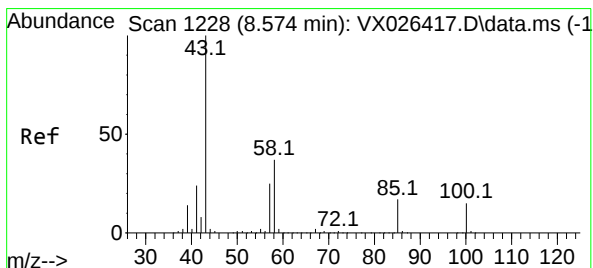
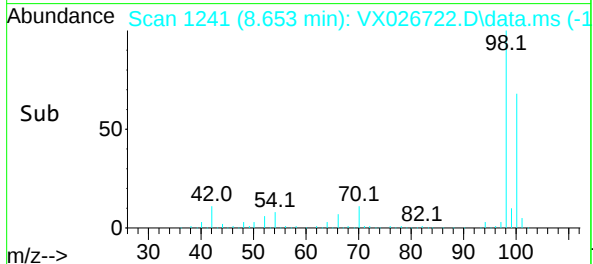
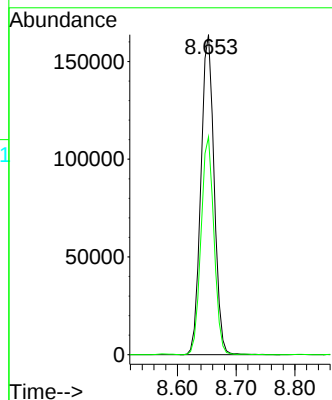
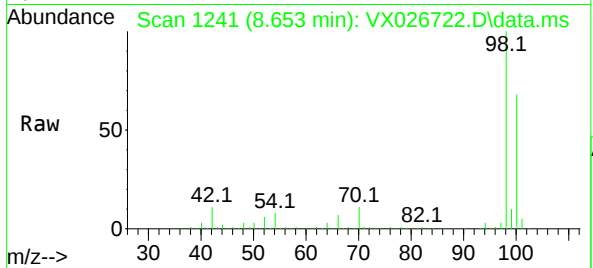




#50
Toluene-d8
Concen: 50.767 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

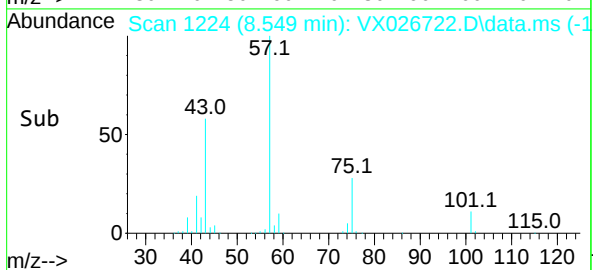
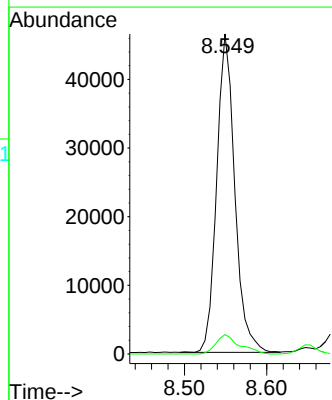
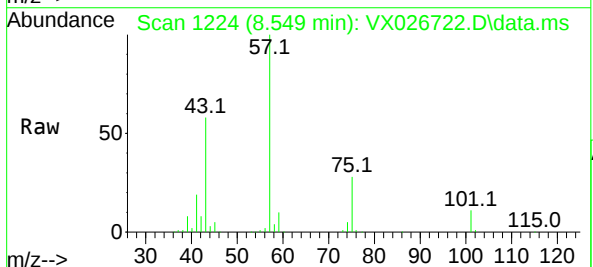
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

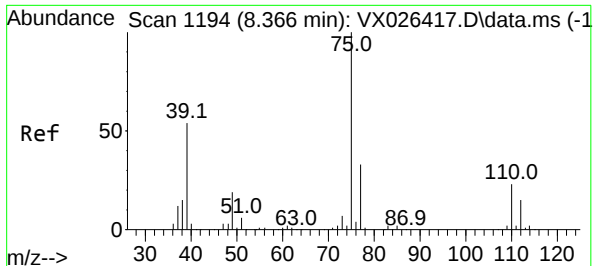
Tgt Ion: 98 Resp: 255917
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 33.195 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 43 Resp: 71050
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#

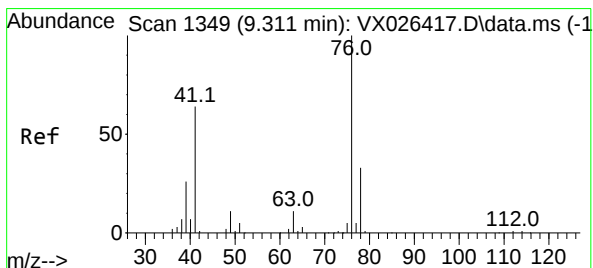
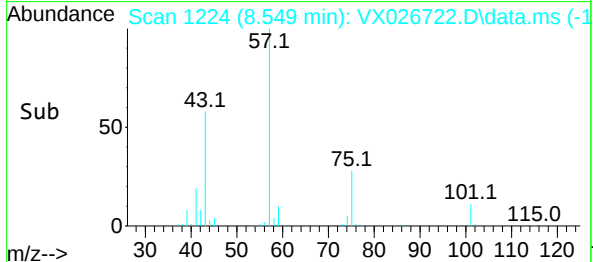
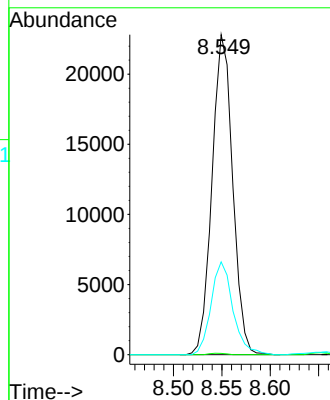
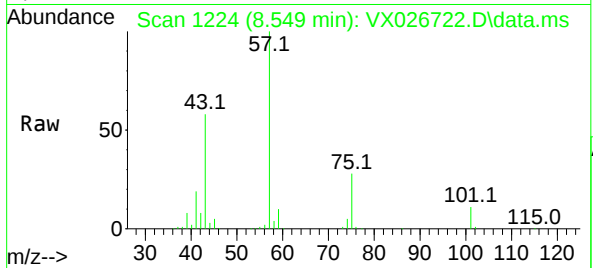




#54
 cis-1,3-Dichloropropene
 Concen: 14.517 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026722.D
 Acq: 01 Feb 2022 21:06

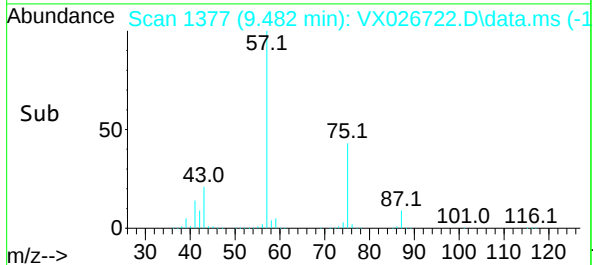
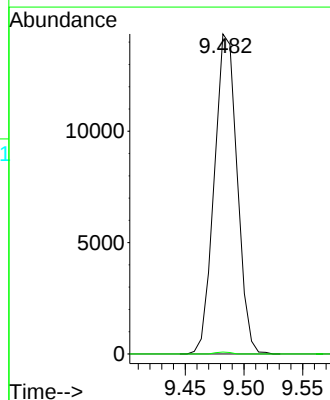
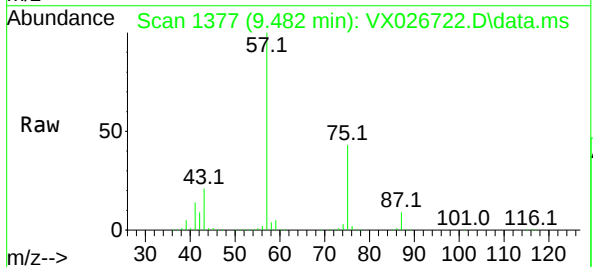
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#15

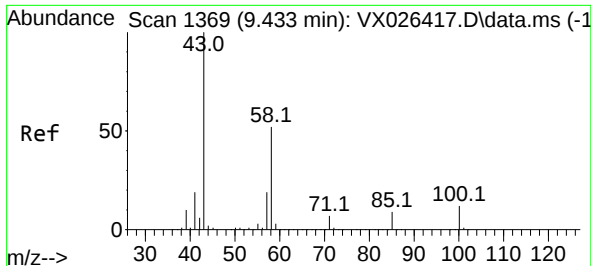
Tgt Ion: 75 Resp: 33837
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 29.0 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 7.700 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026722.D
 Acq: 01 Feb 2022 21:06

Tgt Ion: 76 Resp: 19501
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.7 38.5#





#59

2-Hexanone

Concen: 165.028 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX026722.D

Acq: 01 Feb 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

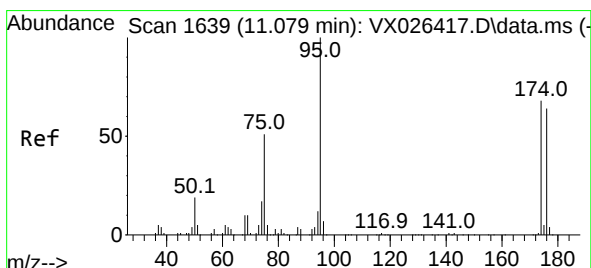
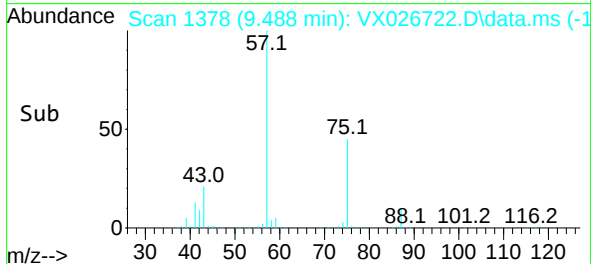
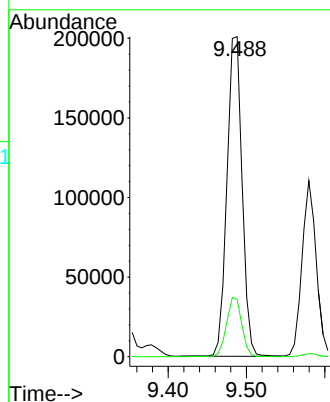
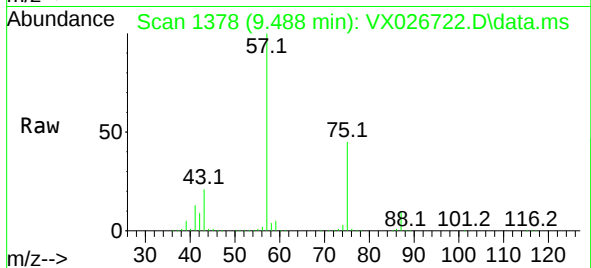
PB142403ZHE#15

Tgt Ion: 43 Resp: 270345

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 51.908 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026722.D

Acq: 01 Feb 2022 21:06

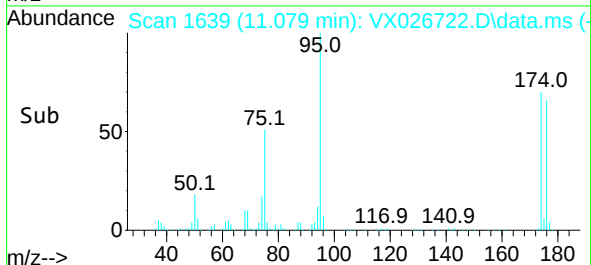
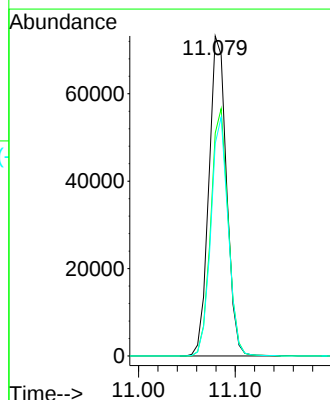
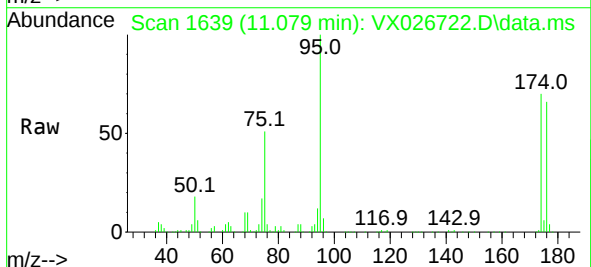
Tgt Ion: 95 Resp: 92954

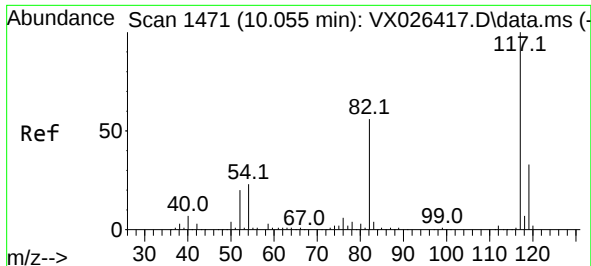
Ion Ratio Lower Upper

95 100

174 76.1 0.0 148.6

176 73.0 0.0 141.4

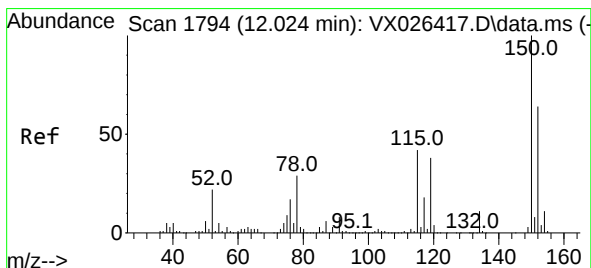
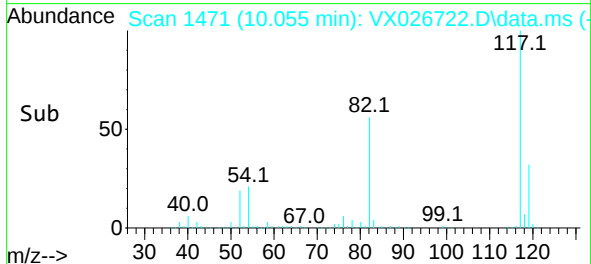
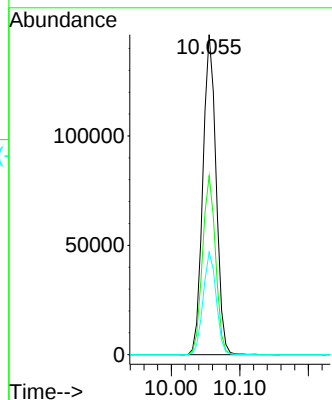
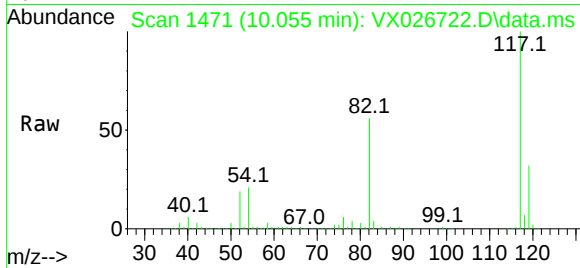




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

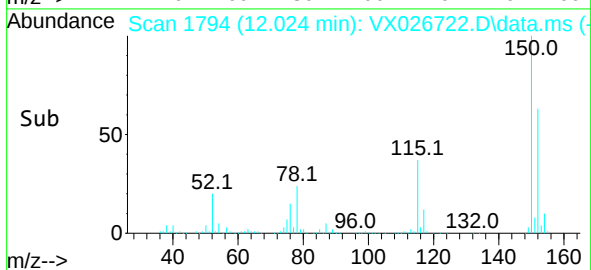
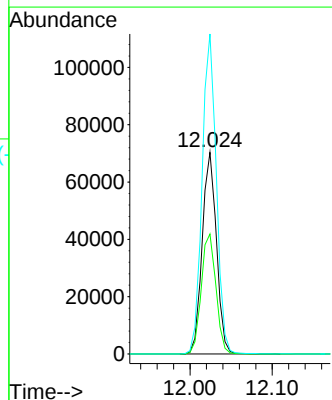
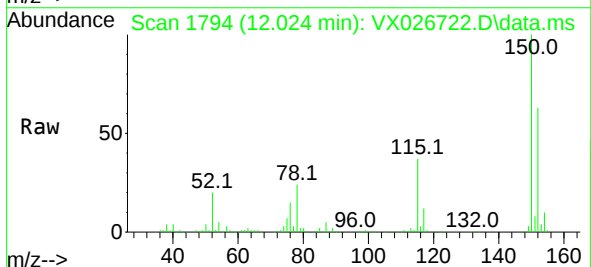
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

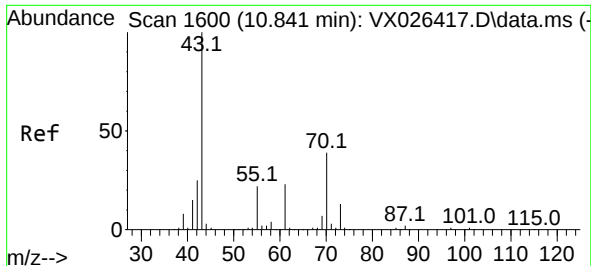
Tgt Ion:117 Resp: 196720
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion:152 Resp: 84764
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 158.1 0.0 348.2

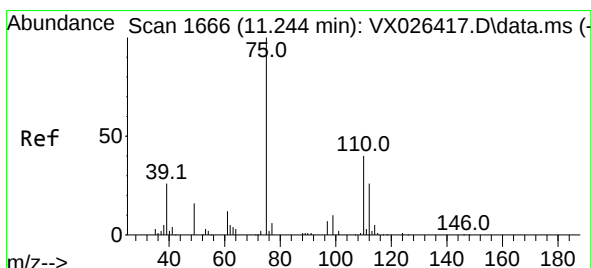
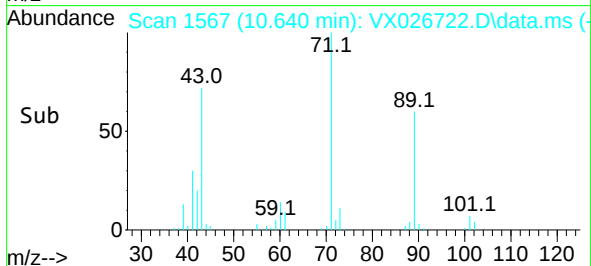
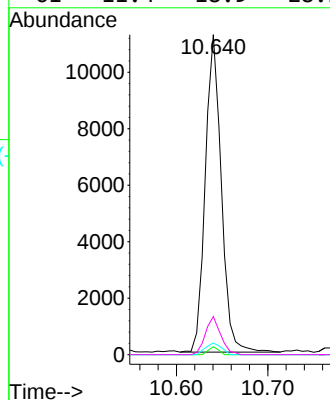
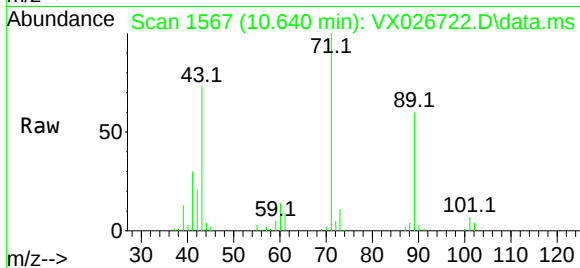




#74
N-amy1 acetate
Concen: 5.087 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

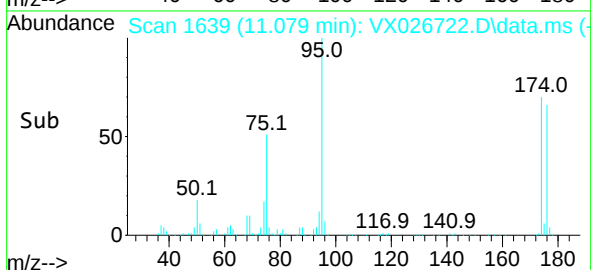
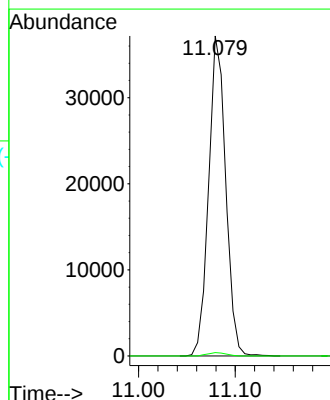
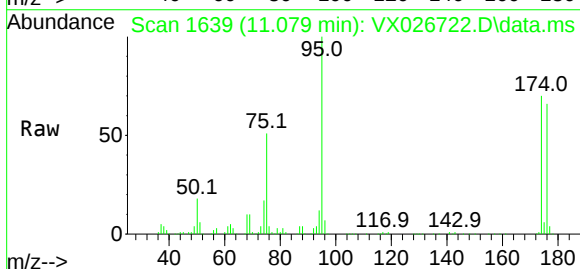
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

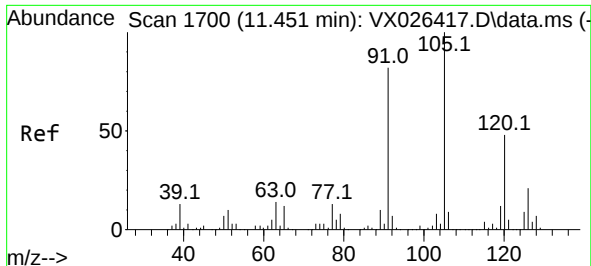
Tgt Ion:	43	Resp:	13646
Ion	Ratio	Lower	Upper
43	100		
70	1.6	32.9	49.3#
55	3.6	18.3	27.5#
61	11.4	18.9	28.3#



#76
1,2,3-Trichloropropane
Concen: 24.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion:	75	Resp:	45662
Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.3	54.8#

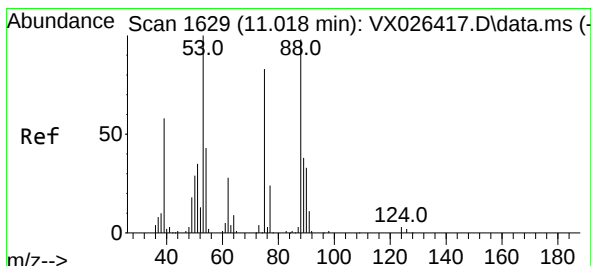
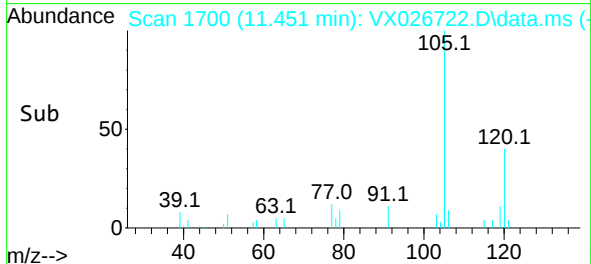
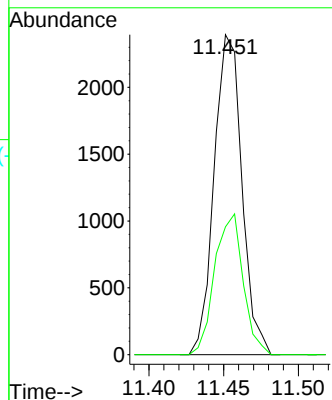
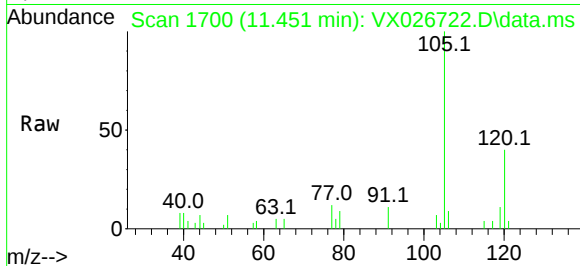




#80
1,3,5-Trimethylbenzene
Concen: 0.540 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#15

Tgt Ion:105 Resp: 3092
Ion Ratio Lower Upper
105 100
120 45.0 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 74.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026722.D
Acq: 01 Feb 2022 21:06

Tgt Ion: 75 Resp: 45662
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

