

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026600.D
 Acq On : 26 Jan 2022 17:24
 Operator : JC/MD
 Sample : PB142265ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#10

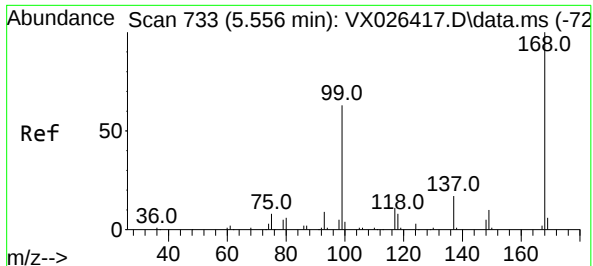
Quant Time: Jan 27 07:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89191	46.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.840%		
35) Dibromofluoromethane	5.391	113	72386	48.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.653	98	269807	50.370	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	95059	49.957	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	228	0.261	ug/l	56
11) Tert butyl alcohol	2.971	59	144	0.539	ug/l #	75
16) Acetone	2.386	43	12386	12.641	ug/l	97
18) Methyl Acetate	2.709	43	987	0.507	ug/l #	69
20) Methylene Chloride	2.794	84	4317	2.667	ug/l	97
25) 2-Butanone	4.580	43	1727	1.355	ug/l	93
29) Tetrahydrofuran	5.044	42	181	0.239	ug/l #	34
31) Cyclohexane	5.550	56	2804	0.989	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	10639	4.534	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14261	5.908	ug/l #	17
43) Isopropyl Acetate	6.348	43	14447	3.768	ug/l	99
48) Methyl methacrylate	7.799	41	70985	37.356	ug/l #	45
49) 1,4-Dioxane	7.793	88	79	2.533	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	52940	23.278	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	24479	9.884	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	13533	5.029	ug/l #	43
59) 2-Hexanone	9.482	43	193417	111.116	ug/l #	51
74) N-amyl acetate	10.774	43	596	0.221	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	48001	25.628	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48001	77.773	ug/l #	3

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

Quant Time: Jan 27 07:32:35 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

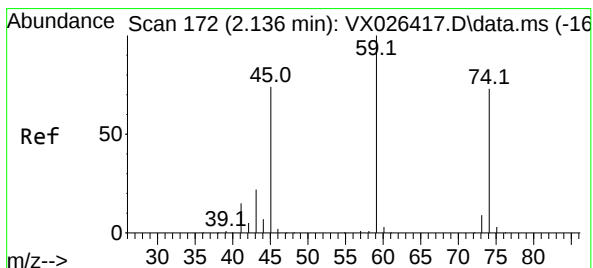
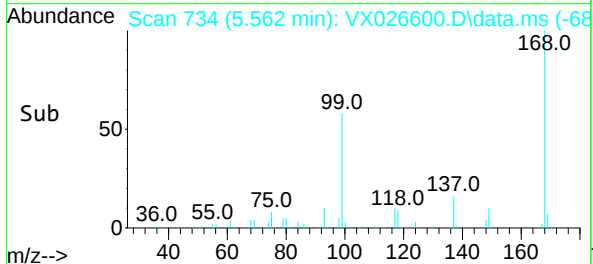
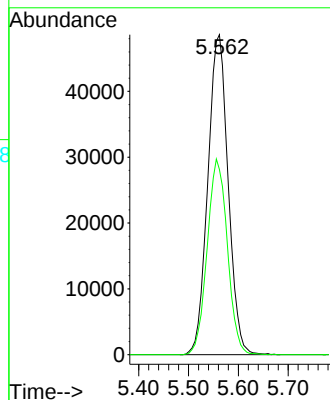
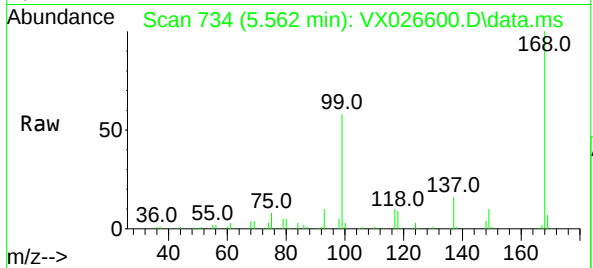




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

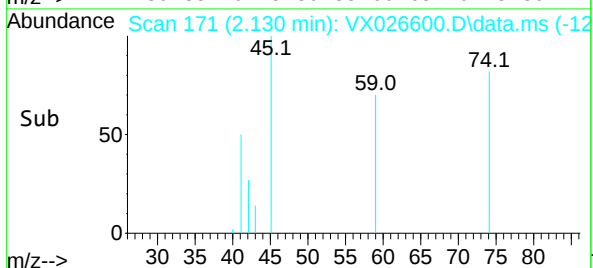
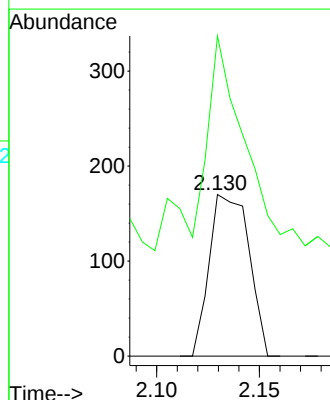
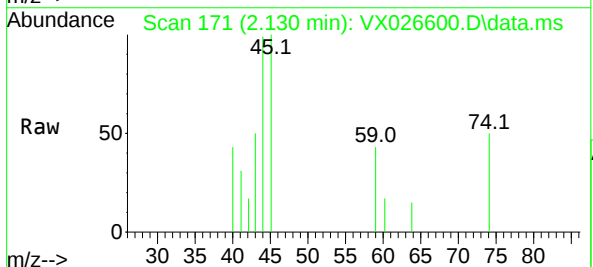
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

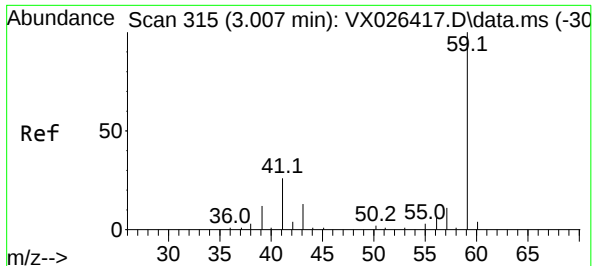
Tgt Ion:168 Resp: 137548
Ion Ratio Lower Upper
168 100
99 57.9 50.3 75.5



#8
Diethyl Ether
Concen: 0.261 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 74 Resp: 228
Ion Ratio Lower Upper
74 100
45 145.6 50.7 152.1





#11

Tert butyl alcohol

Concen: 0.539 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.036 min

Lab File: VX026600.D

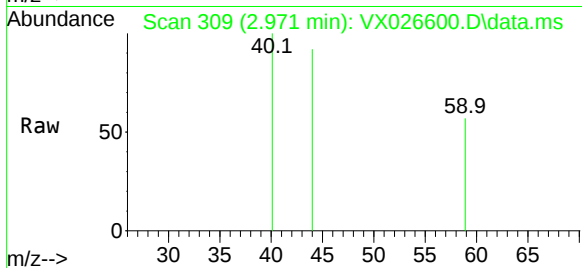
Acq: 26 Jan 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#10

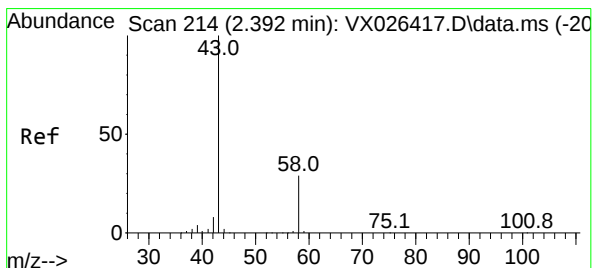
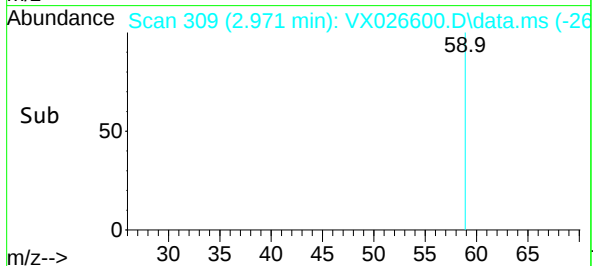
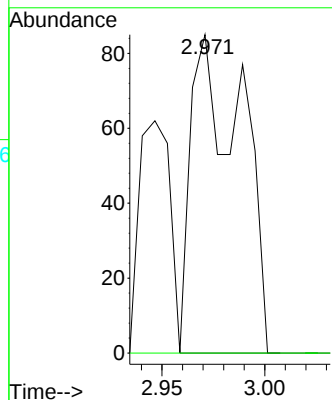


Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 12.641 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026600.D

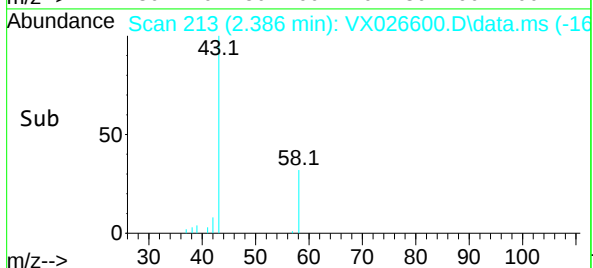
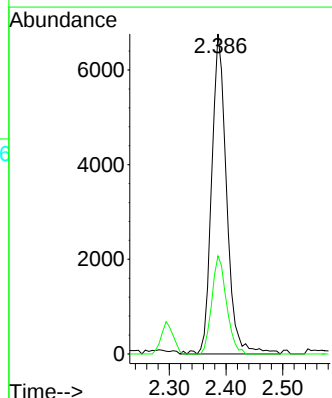
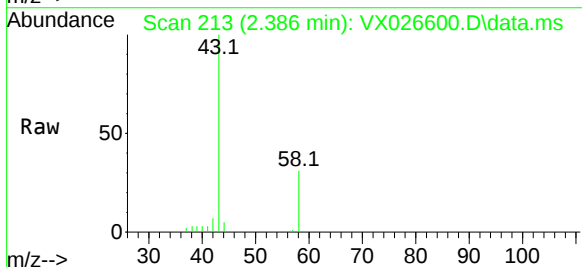
Acq: 26 Jan 2022 17:24

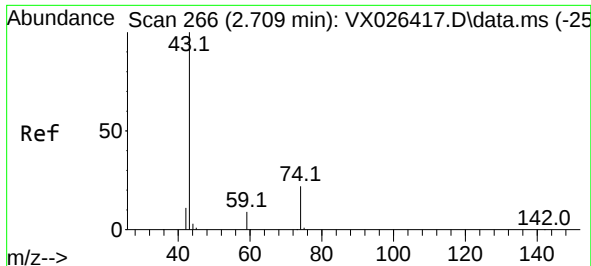
Tgt Ion: 43 Resp: 12386

Ion Ratio Lower Upper

43 100

58 30.6 23.0 34.6

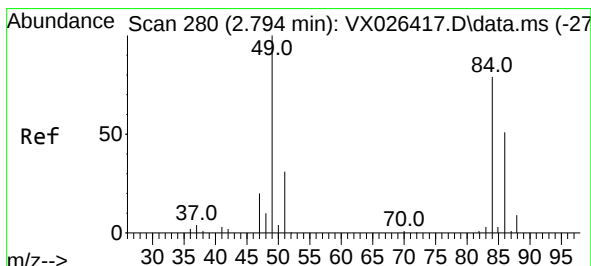
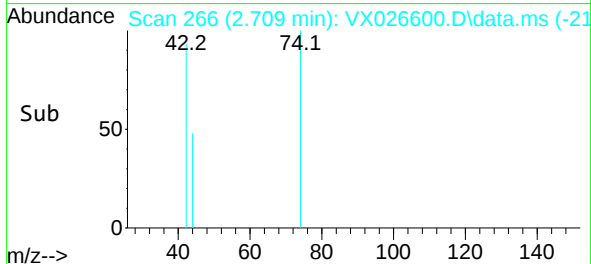
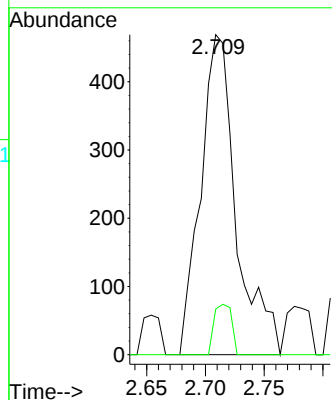
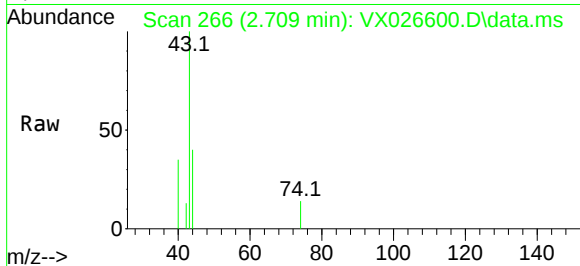




#18
Methyl Acetate
Concen: 0.507 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

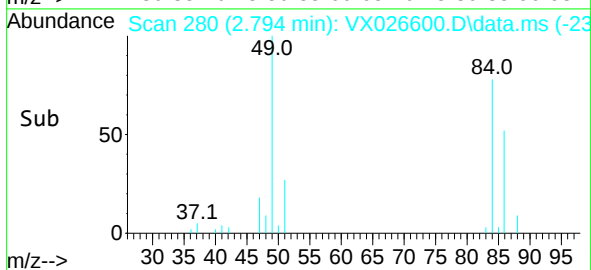
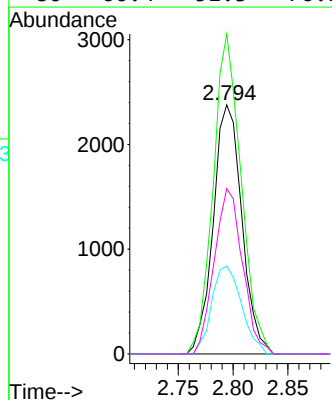
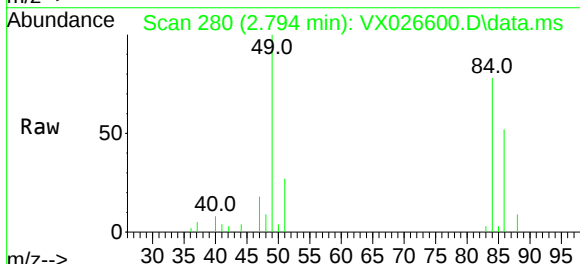
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

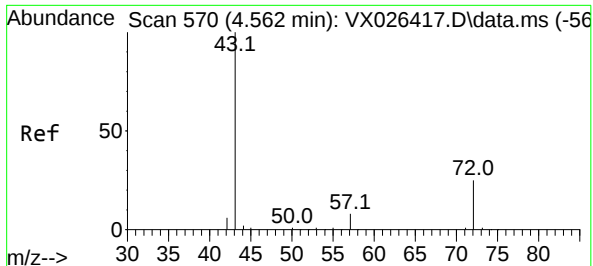
Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
74 7.8 18.3 27.5#



#20
Methylene Chloride
Concen: 2.667 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 84 Resp: 4317
Ion Ratio Lower Upper
84 100
49 128.5 101.5 152.3
51 35.3 31.2 46.8
86 66.4 51.3 76.9





#25

2-Butanone

Concen: 1.355 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026600.D

Acq: 26 Jan 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

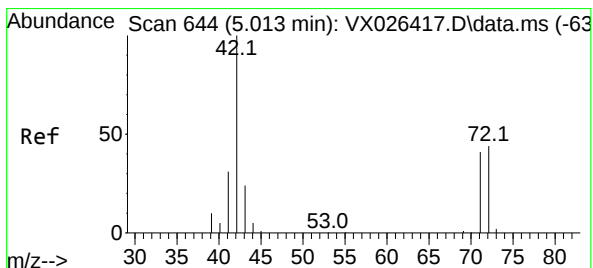
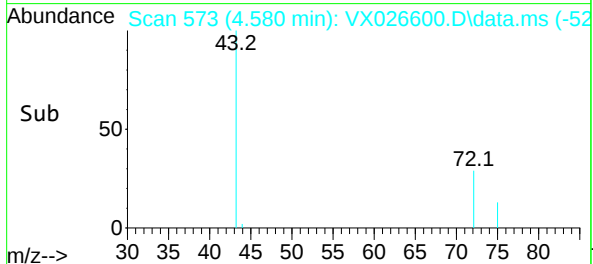
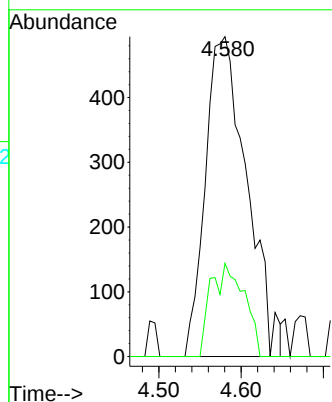
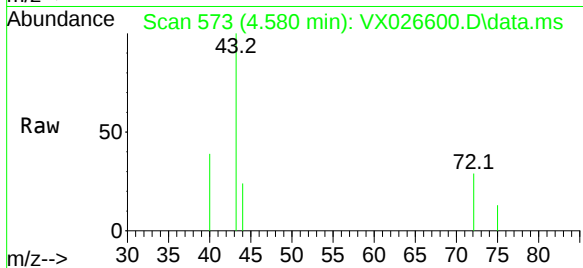
PB142265ZHE#10

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

72 29.1 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.239 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.030 min

Lab File: VX026600.D

Acq: 26 Jan 2022 17:24

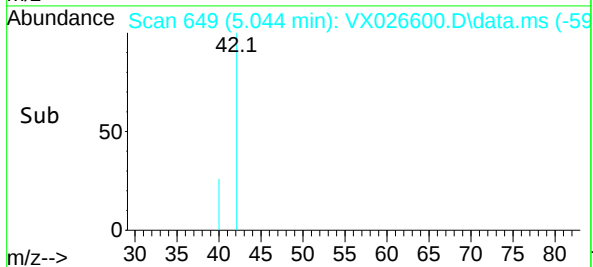
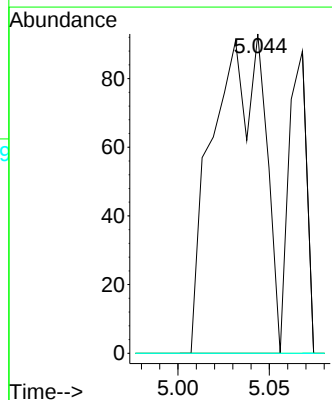
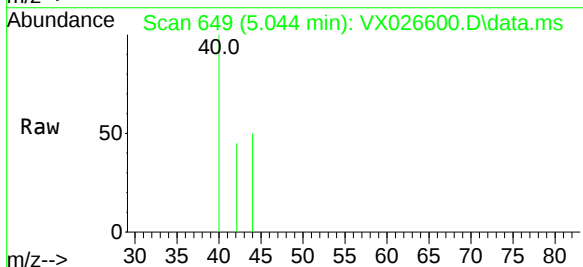
Tgt Ion: 42 Resp: 181

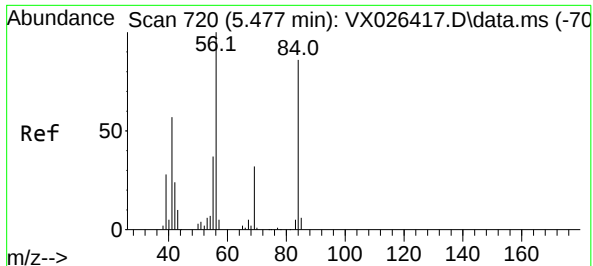
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

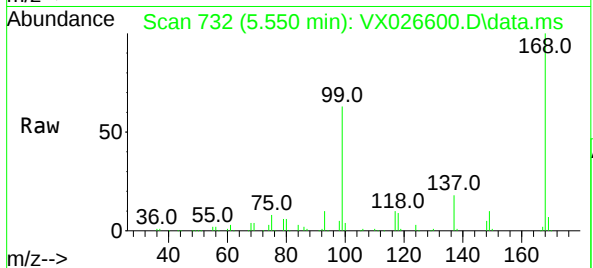
71 0.0 31.8 47.8#



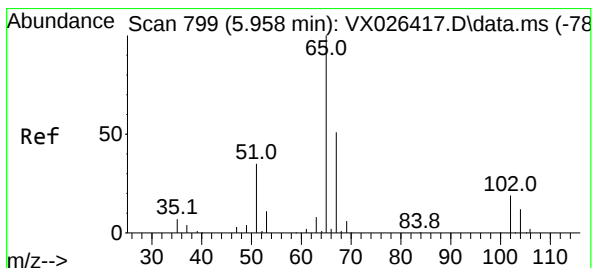
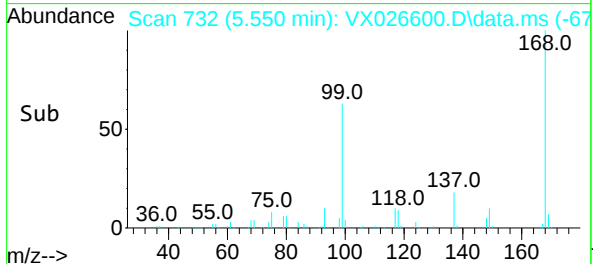
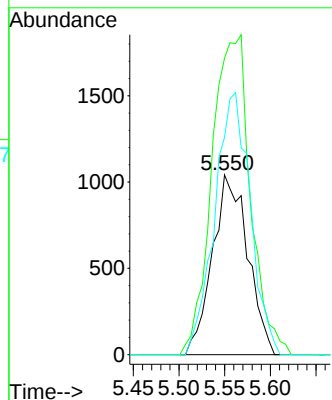


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

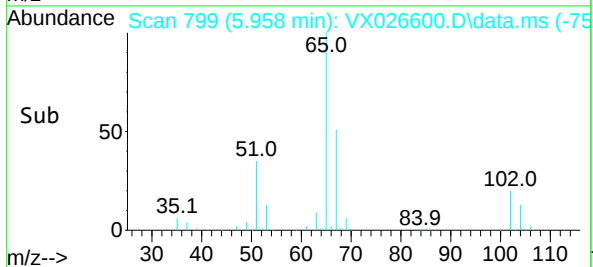
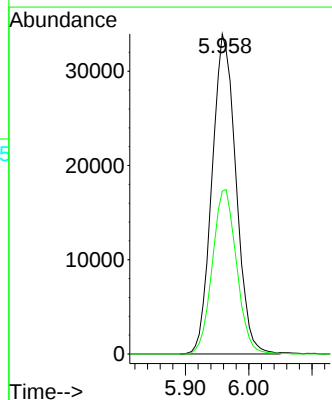
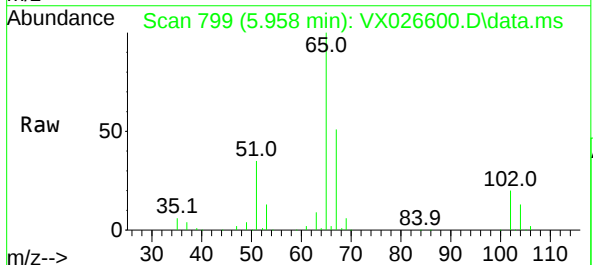


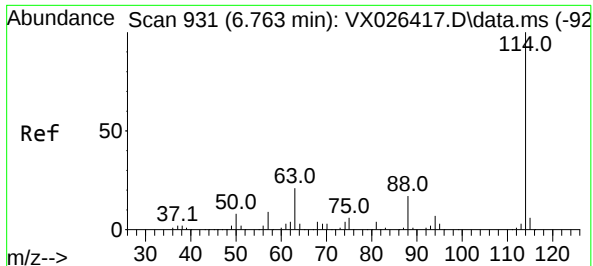
Tgt Ion: 56 Resp: 2804
Ion Ratio Lower Upper
56 100
69 164.9 25.8 38.6#
84 120.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.419 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 65 Resp: 89191
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

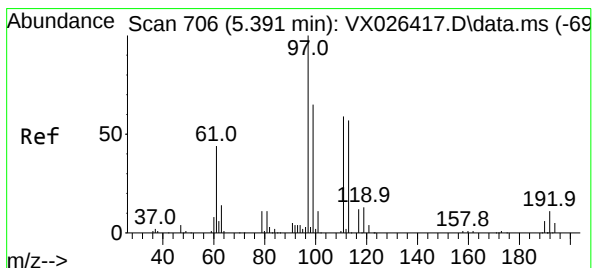
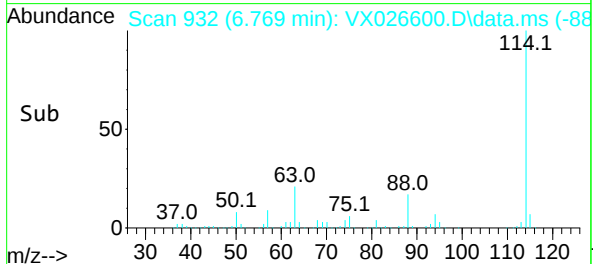
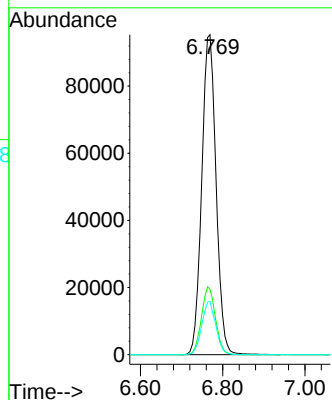
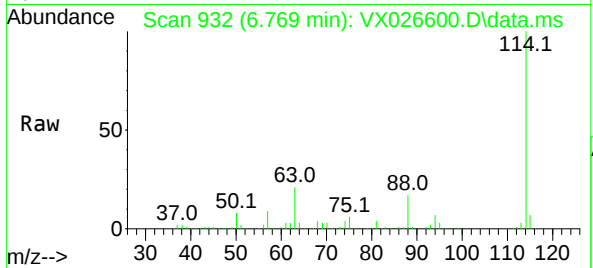




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

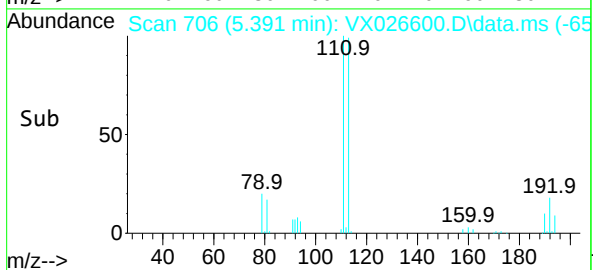
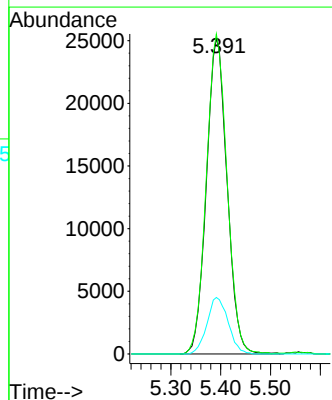
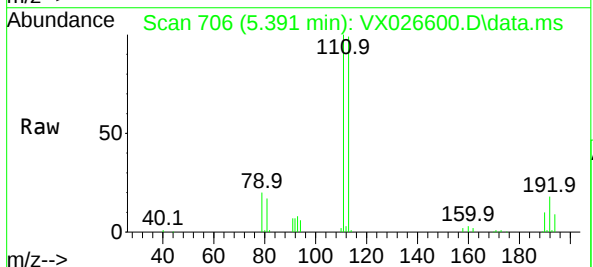
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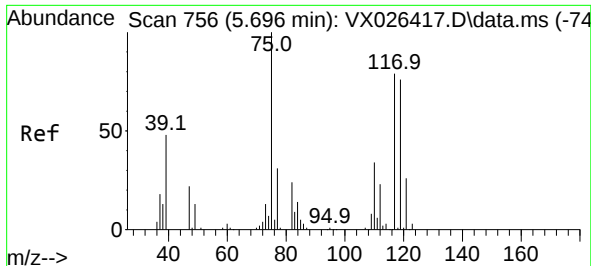
Tgt Ion:114 Resp: 230180
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.698 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion:113 Resp: 72386
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 18.4 15.0 22.4

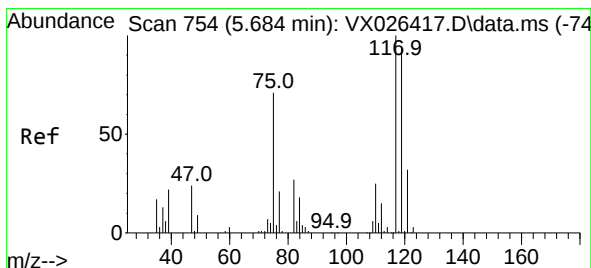
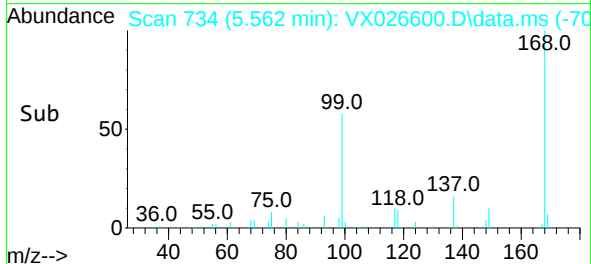
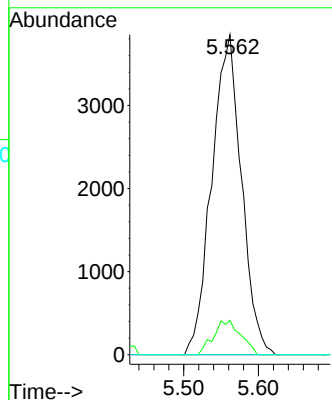
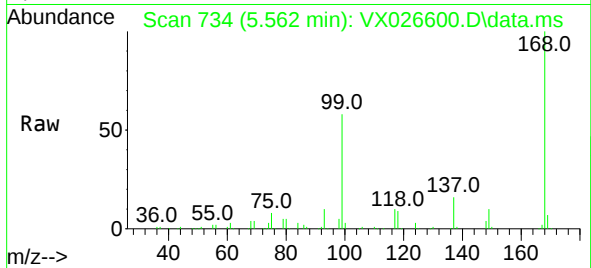




#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

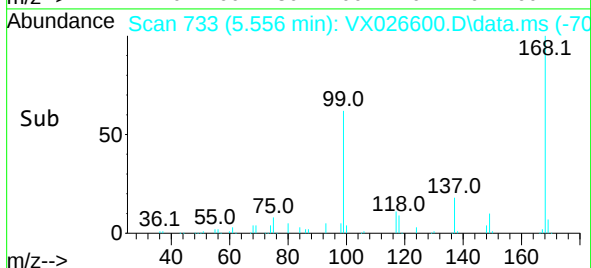
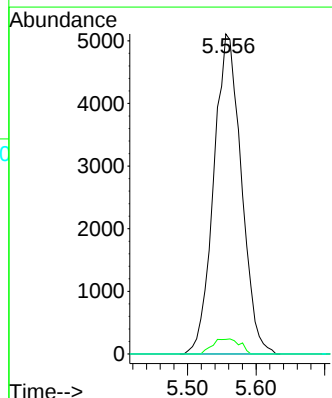
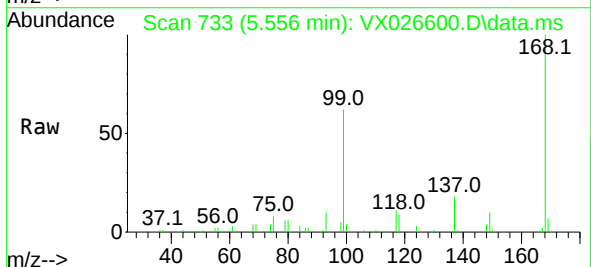
Instrument :
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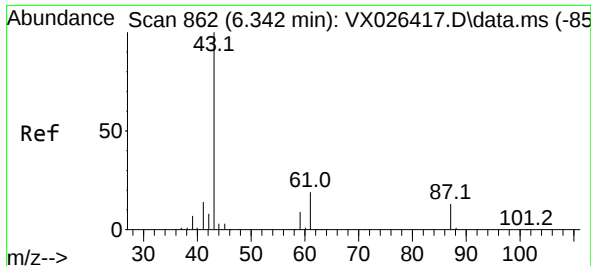
Tgt Ion: 75 Resp: 10639
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 117 Resp: 14261
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#

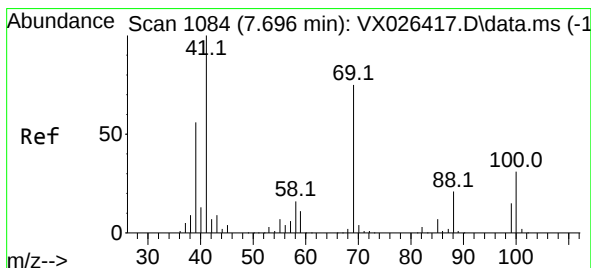
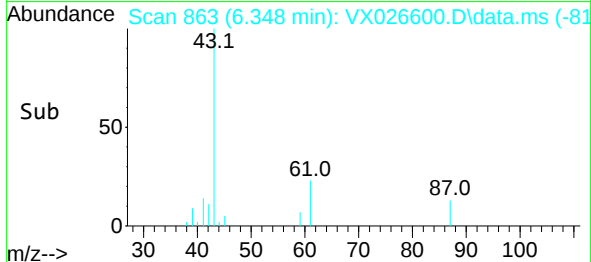
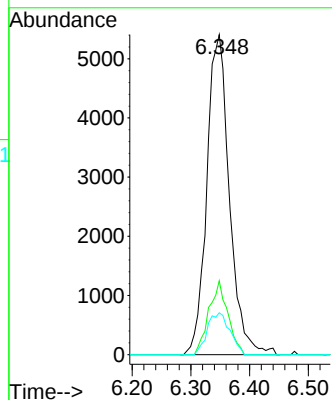
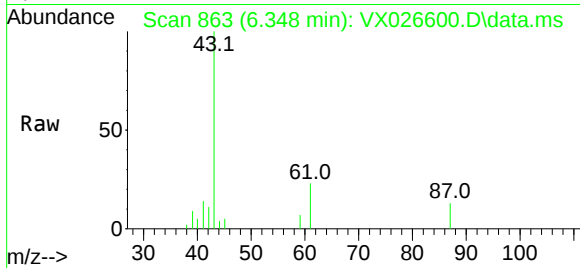




#43
Isopropyl Acetate
Concen: 3.768 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

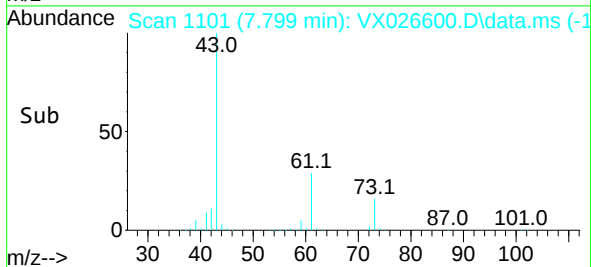
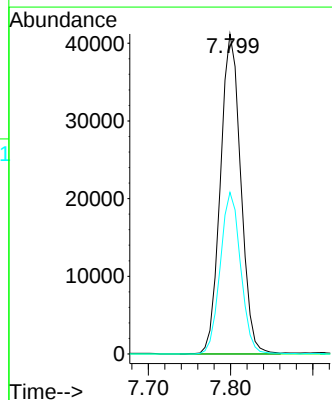
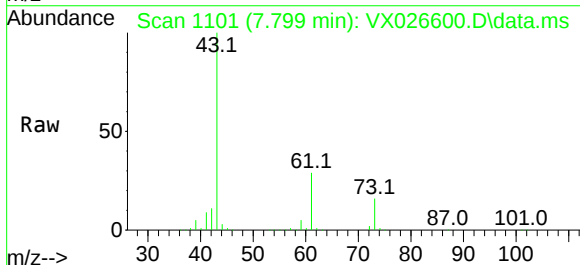
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

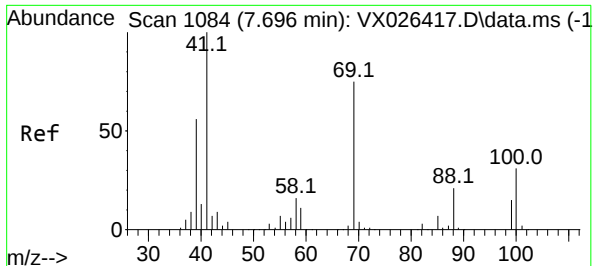
Tgt Ion: 43 Resp: 14447
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 13.0 10.2 15.2



#48
Methyl methacrylate
Concen: 37.356 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 41 Resp: 70985
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 50.6 45.4 68.0





#49

1,4-Dioxane

Concen: 2.533 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026600.D

Acq: 26 Jan 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#10

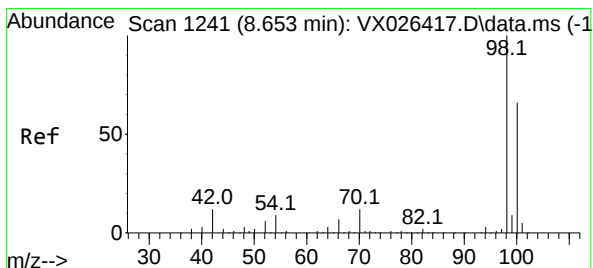
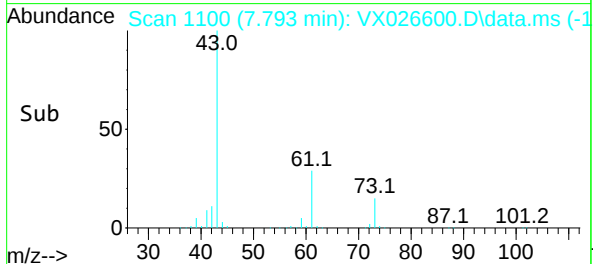
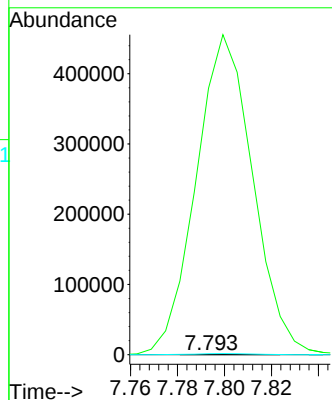
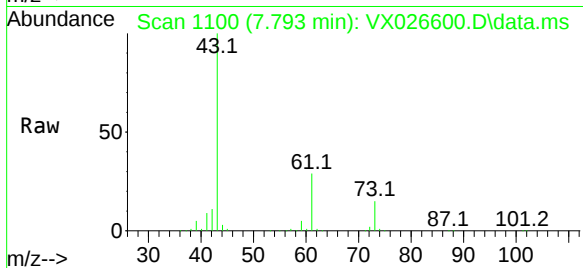
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 975448.1 29.9 44.9#

58 3732.9 57.8 86.6#



#50

Toluene-d8

Concen: 50.370 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026600.D

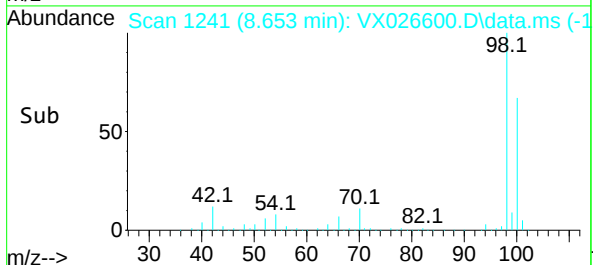
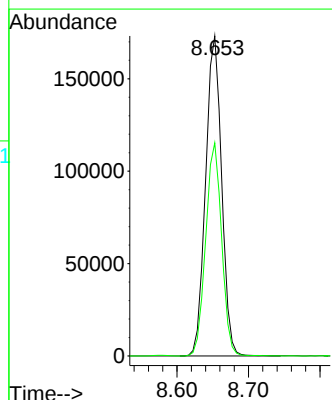
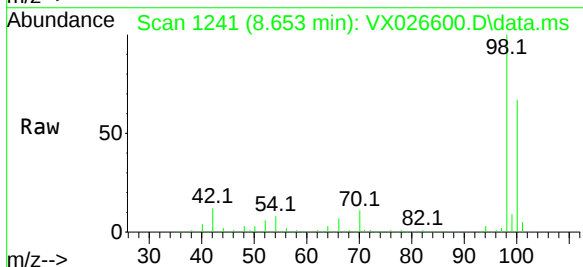
Acq: 26 Jan 2022 17:24

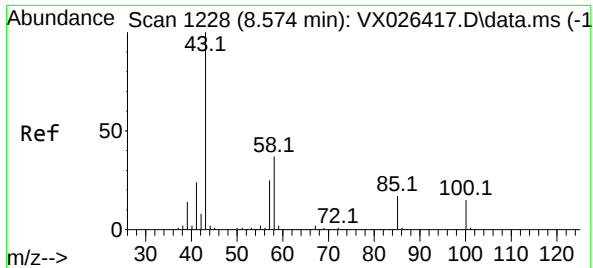
Tgt Ion: 98 Resp: 269807

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8

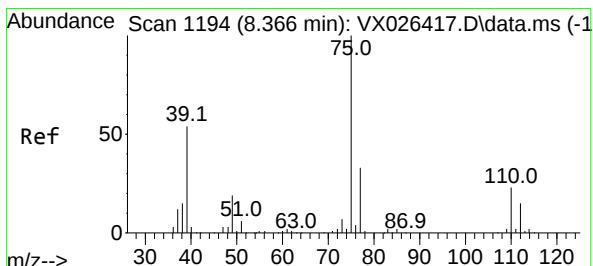
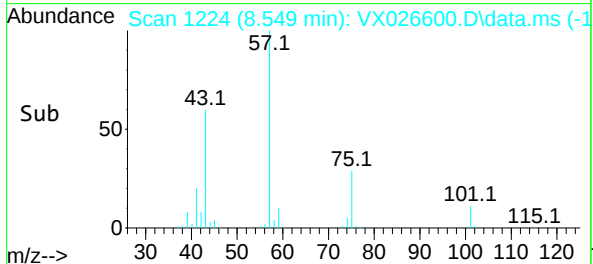
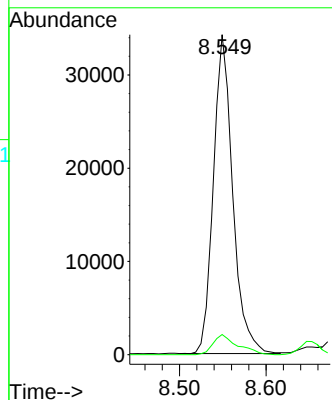
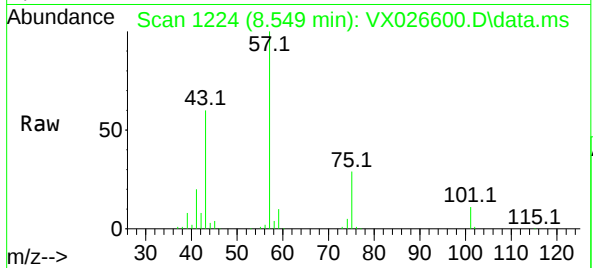




#51
4-Methyl-2-Pentanone
Concen: 23.278 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

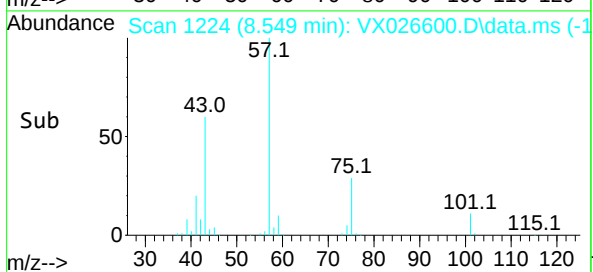
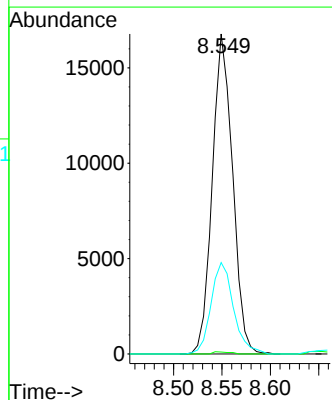
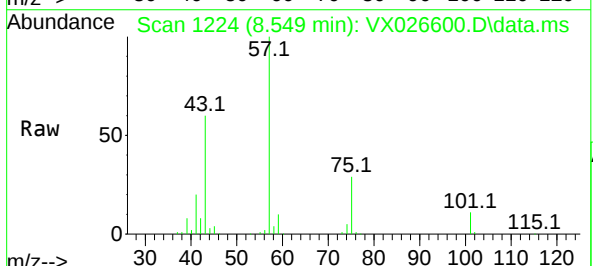
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

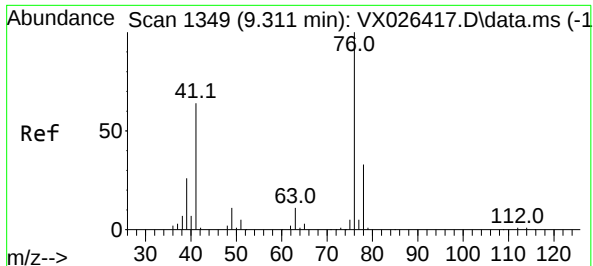
Tgt Ion: 43 Resp: 52940
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.884 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 75 Resp: 24479
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 28.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 5.029 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026600.D

Acq: 26 Jan 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

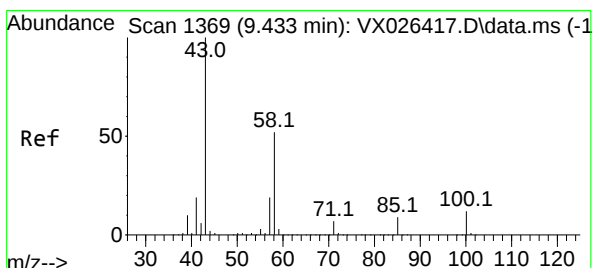
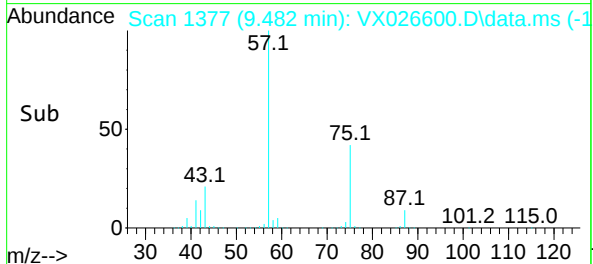
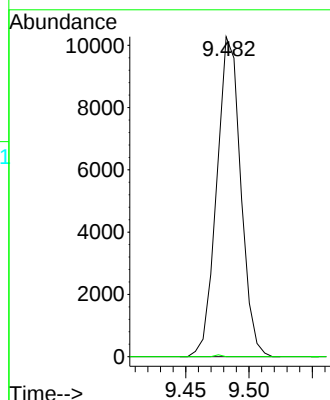
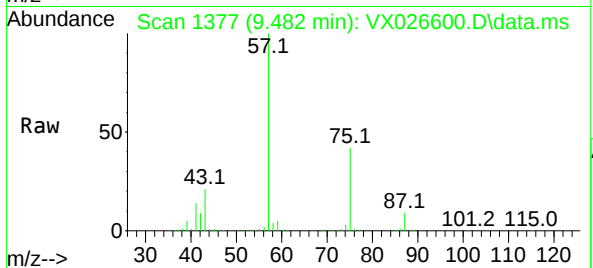
PB142265ZHE#10

Tgt Ion: 76 Resp: 13533

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 111.116 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026600.D

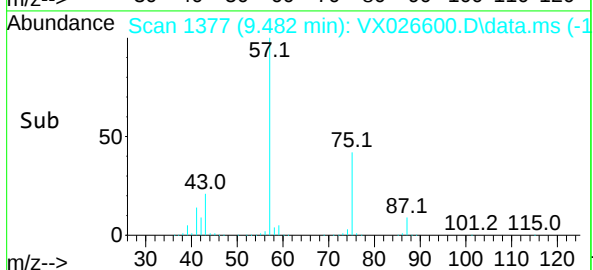
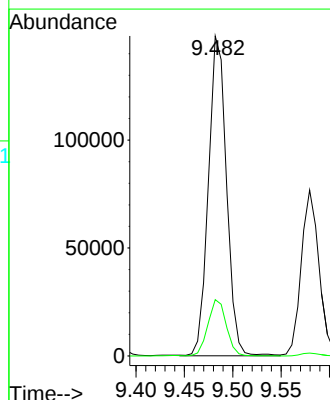
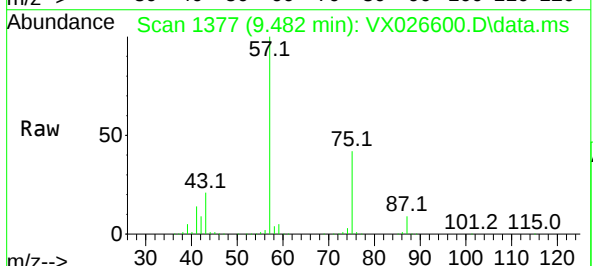
Acq: 26 Jan 2022 17:24

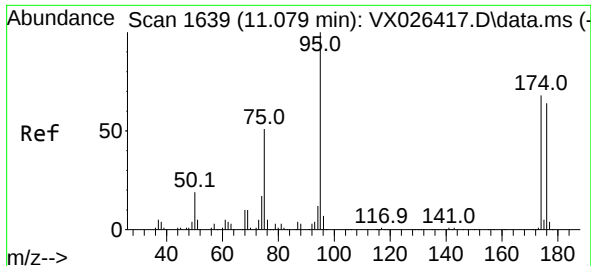
Tgt Ion: 43 Resp: 193417

Ion Ratio Lower Upper

43 100

58 17.9 26.4 79.2#

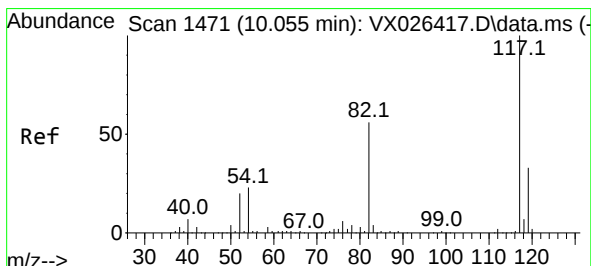
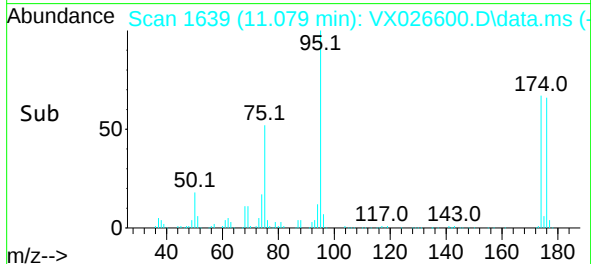
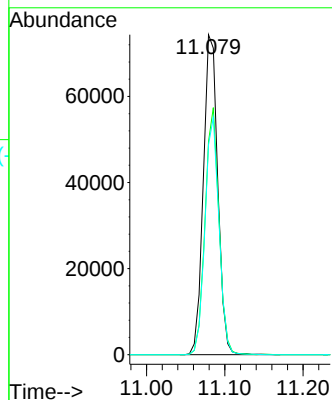
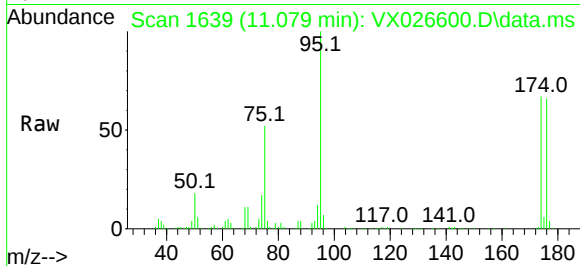




#62
4-Bromofluorobenzene
Concen: 49.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

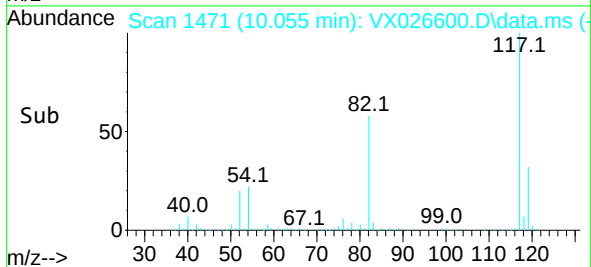
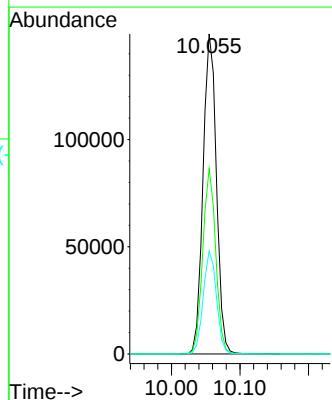
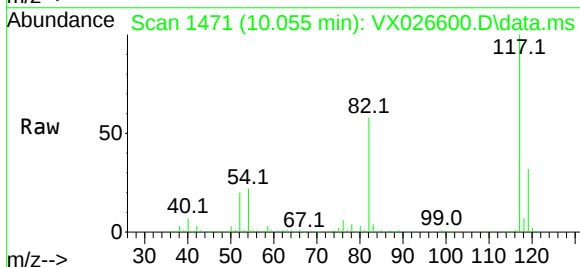
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

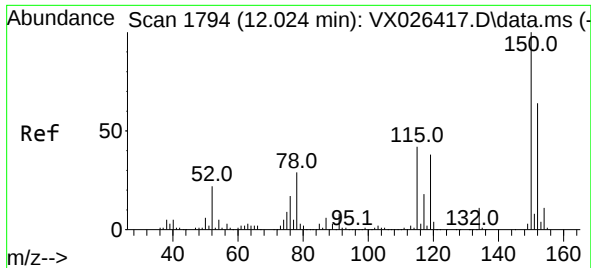
Tgt Ion: 95 Resp: 95059
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.6
176 72.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 117 Resp: 203113
Ion Ratio Lower Upper
117 100
82 58.0 45.2 67.8
119 32.2 26.2 39.2

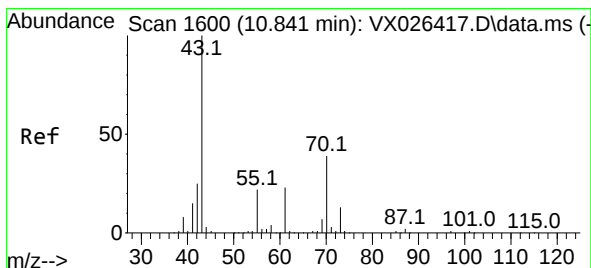
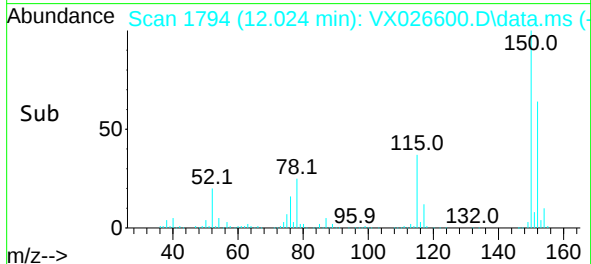
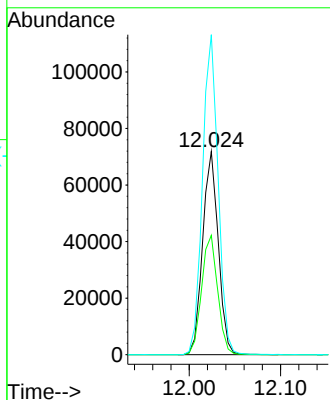
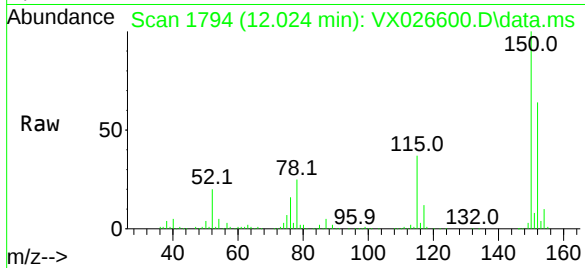




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

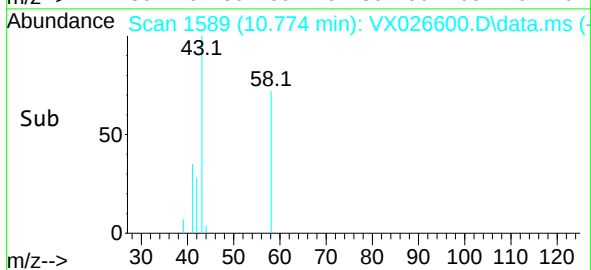
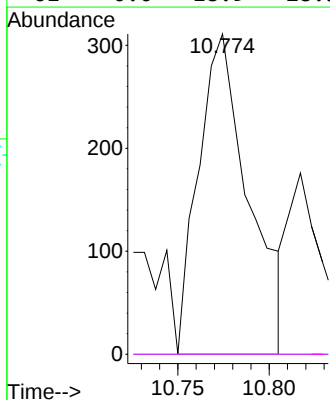
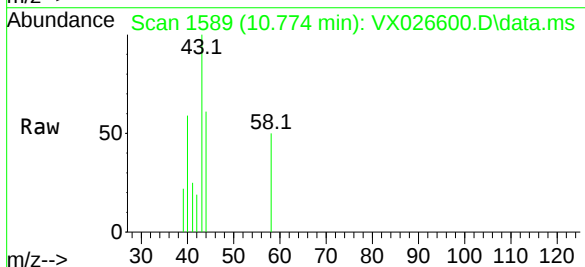
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

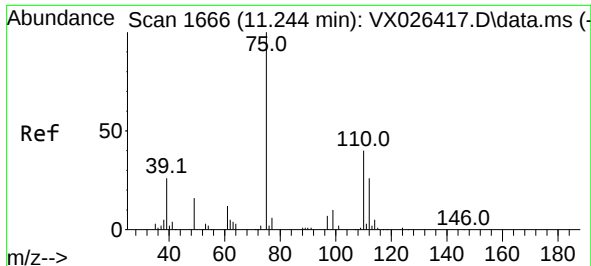
Tgt Ion:152 Resp: 85068
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 157.2 0.0 348.2



#74
N-ethyl acetate
Concen: 0.221 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

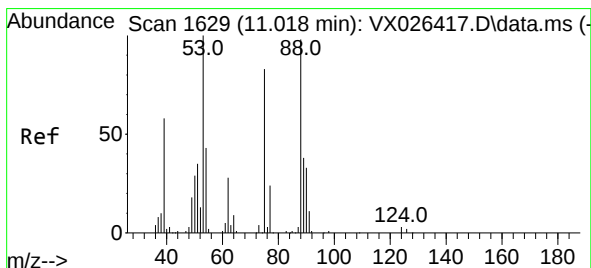
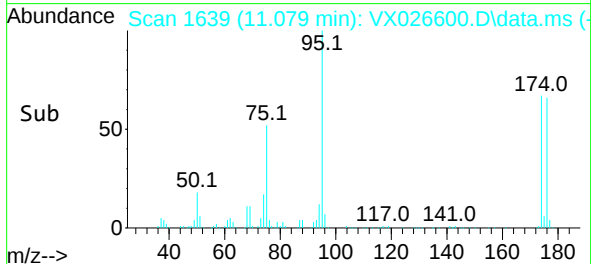
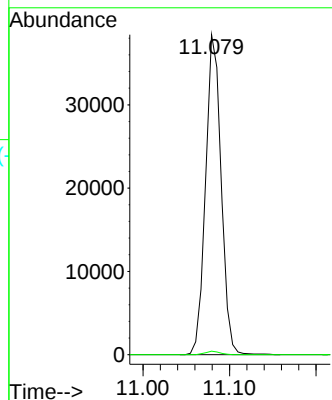
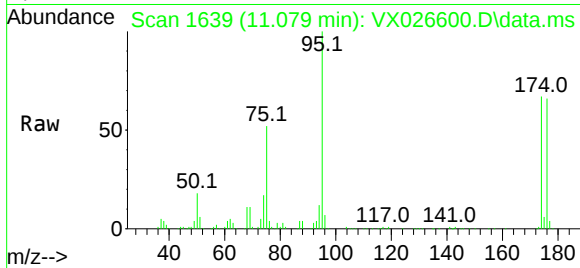




#76
1,2,3-Trichloropropane
Concen: 25.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#10

Tgt Ion: 75 Resp: 48001
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026600.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 75 Resp: 48001
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

