

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026527.D
 Acq On : 20 Jan 2022 12:48
 Operator : JC/MD
 Sample : PB142135ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#01

Quant Time: Jan 21 04:03:28 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

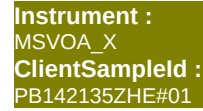
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

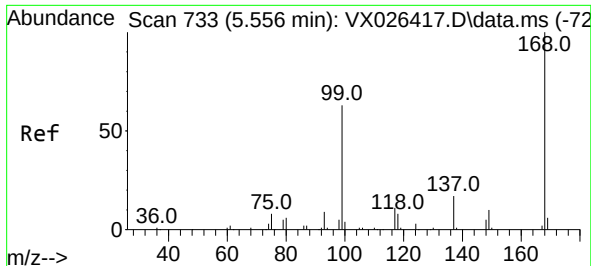
Internal Standards						
1) Pentafluorobenzene	5.556	168	137241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92904	48.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.397	113	73310	48.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	8.653	98	271162	50.188	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.085	95	93537	48.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.460%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	452	4.700	ug/l #	76
11) Tert butyl alcohol	2.965	59	76	0.285	ug/l #	75
16) Acetone	2.386	43	6116	6.256	ug/l	98
18) Methyl Acetate	2.703	43	978	0.503	ug/l #	77
20) Methylene Chloride	2.788	84	3449	2.135	ug/l	98
25) 2-Butanone	4.580	43	1348	1.060	ug/l #	81
29) Tetrahydrofuran	5.038	42	344	0.456	ug/l #	34
31) Cyclohexane	5.556	56	2816	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11136	4.705	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14318	5.881	ug/l #	18
43) Isopropyl Acetate	6.348	43	11931	3.085	ug/l	99
48) Methyl methacrylate	7.604	41	3340	1.743	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	43048	18.765	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19307	7.728	ug/l #	58
56) Ethyl methacrylate	9.354	69	496	0.207	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	11740	4.325	ug/l #	43
59) 2-Hexanone	9.482	43	166287	94.708	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47141	25.982	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47141	78.779	ug/l #	3

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

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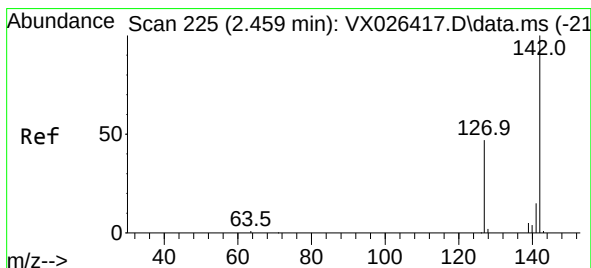
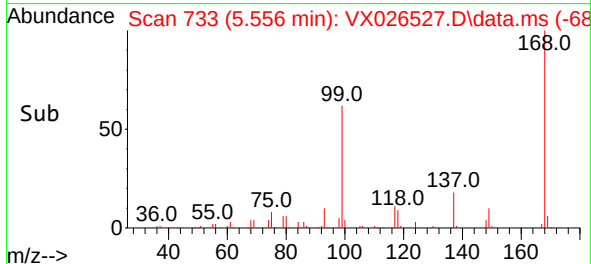
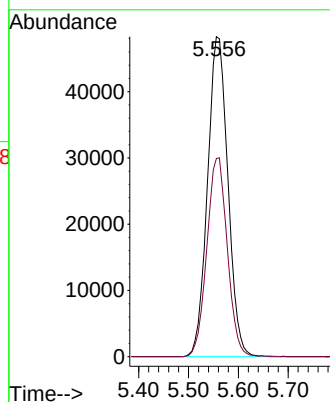
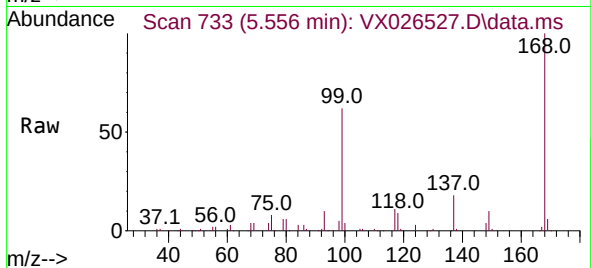




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

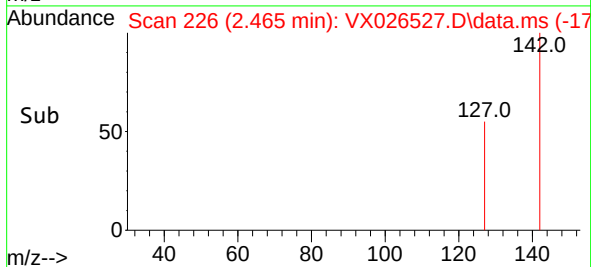
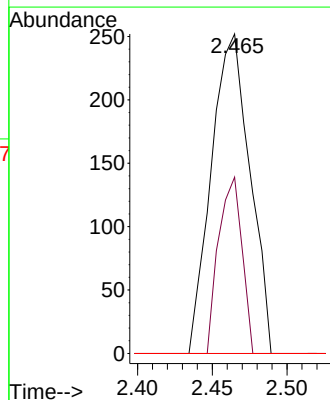
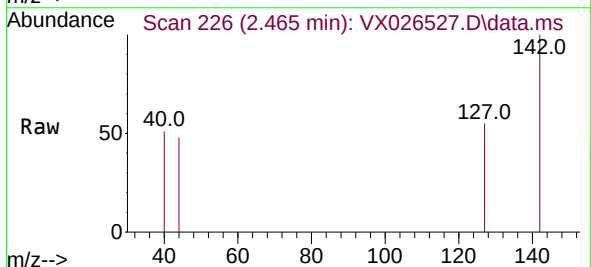
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

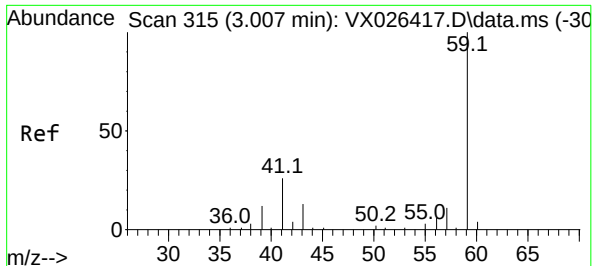
Tgt Ion:168 Resp: 137241
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#10
Methyl Iodide
Concen: 4.700 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
127 33.4 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.285 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

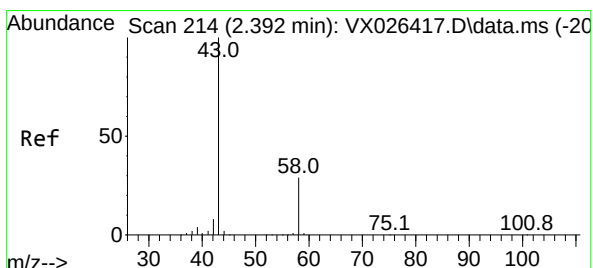
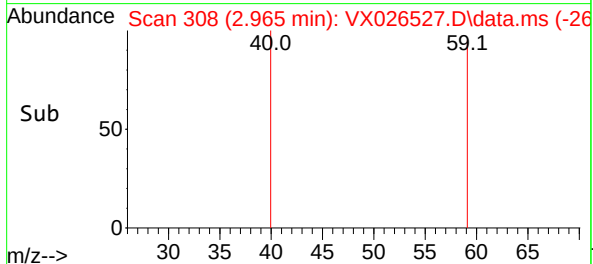
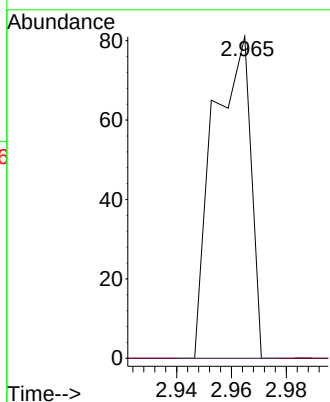
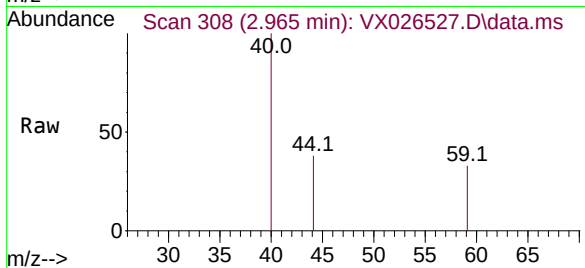
PB142135ZHE#01

Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.256 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026527.D

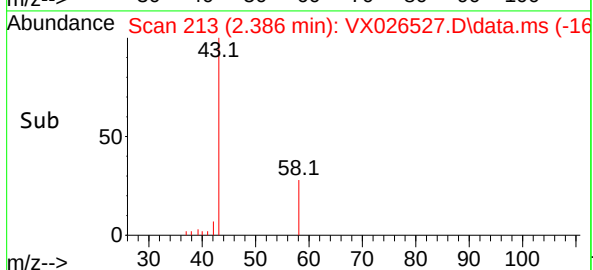
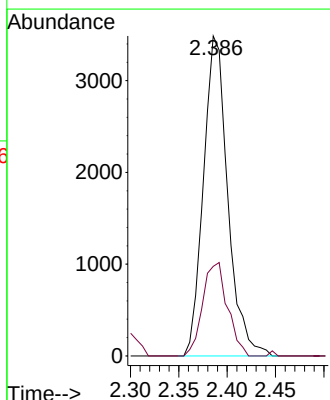
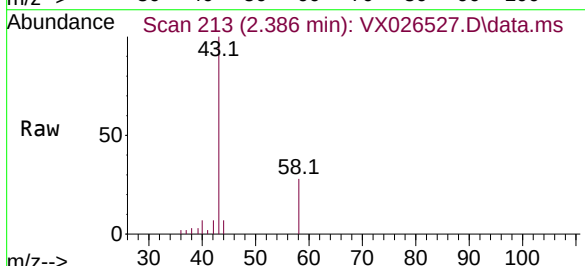
Acq: 20 Jan 2022 12:48

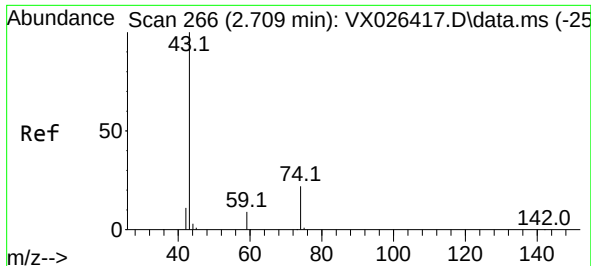
Tgt Ion: 43 Resp: 6116

Ion Ratio Lower Upper

43 100

58 28.0 23.0 34.6

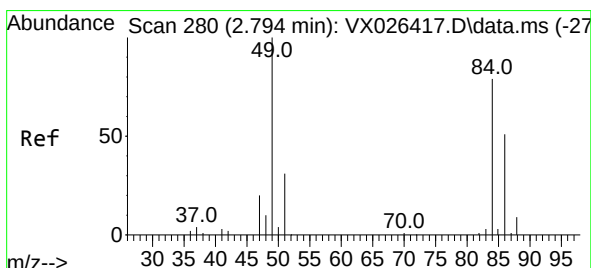
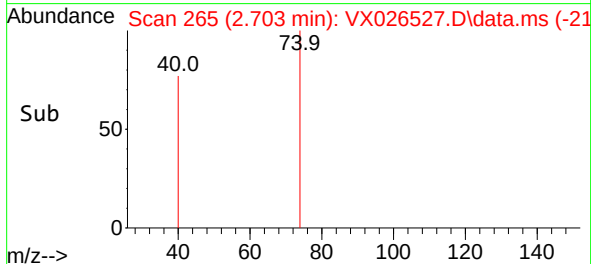
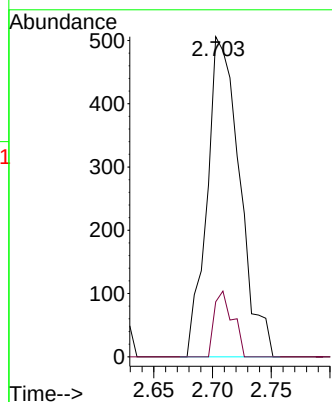
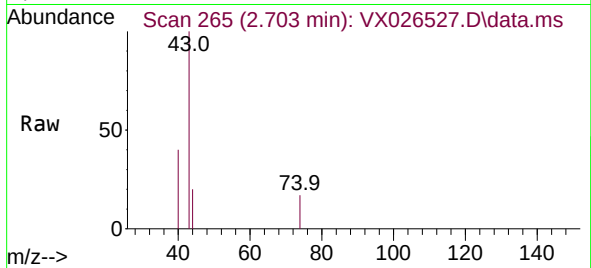




#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

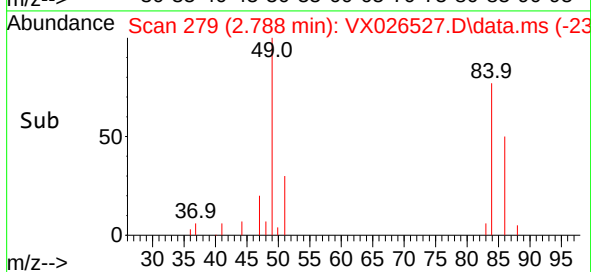
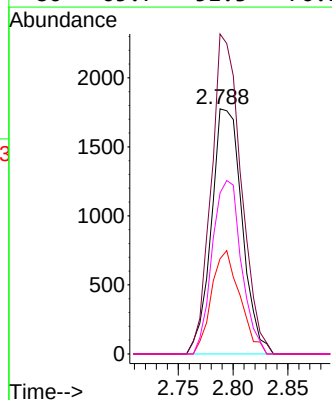
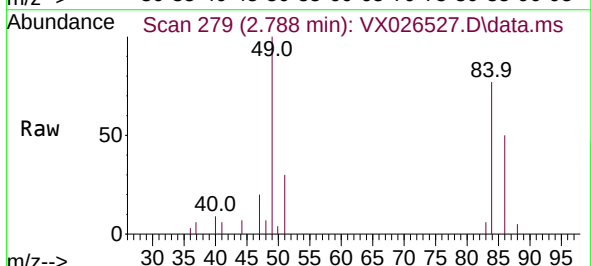
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

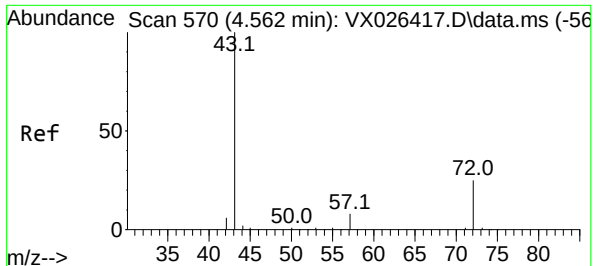
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
74 11.6 18.3 27.5#



#20
Methylene Chloride
Concen: 2.135 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion: 84 Resp: 3449
Ion Ratio Lower Upper
84 100
49 130.5 101.5 152.3
51 38.8 31.2 46.8
86 65.7 51.3 76.9





#25

2-Butanone

Concen: 1.060 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

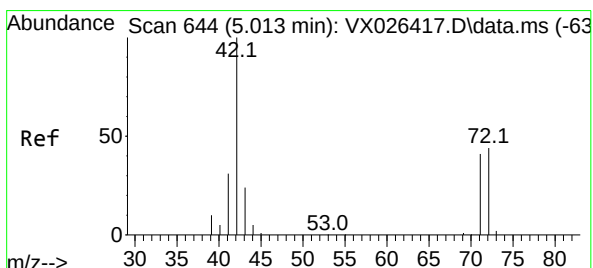
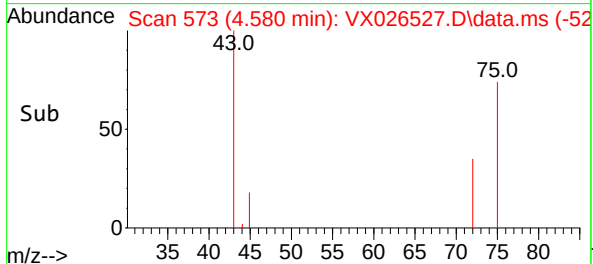
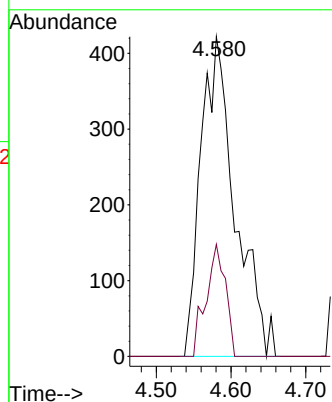
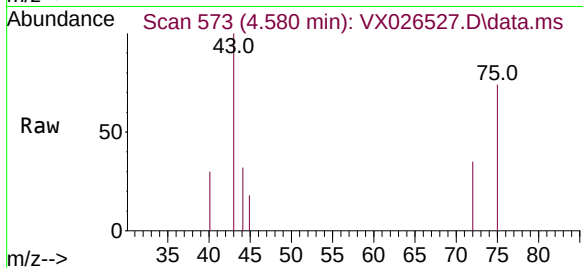
PB142135ZHE#01

Tgt Ion: 43 Resp: 1348

Ion Ratio Lower Upper

43 100

72 35.1 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.456 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

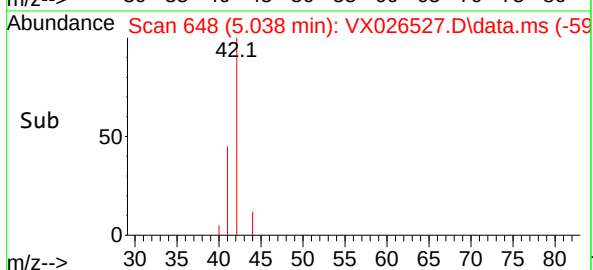
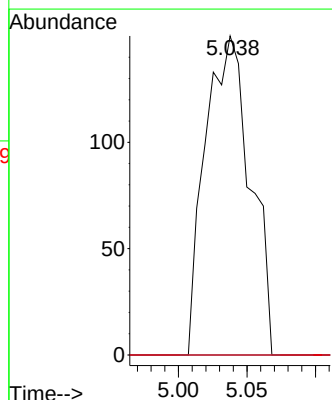
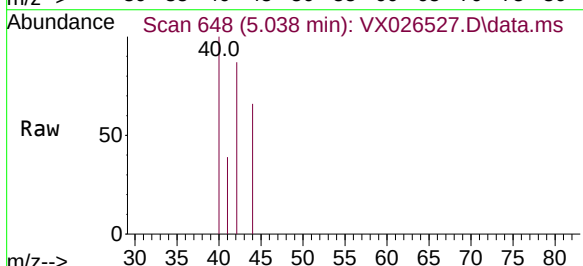
Tgt Ion: 42 Resp: 344

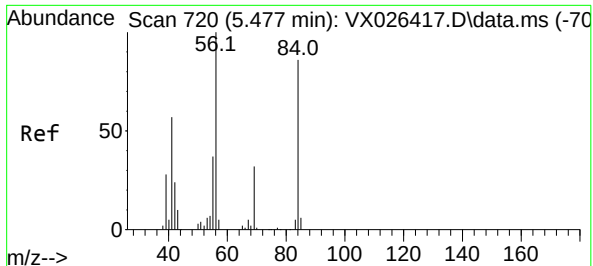
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

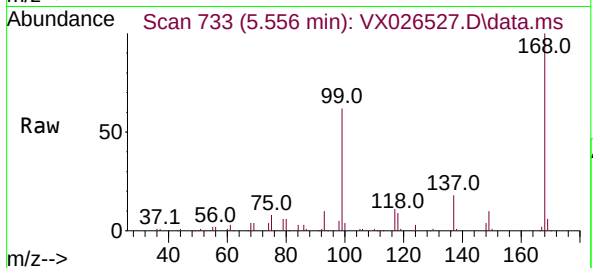
71 0.0 31.8 47.8#



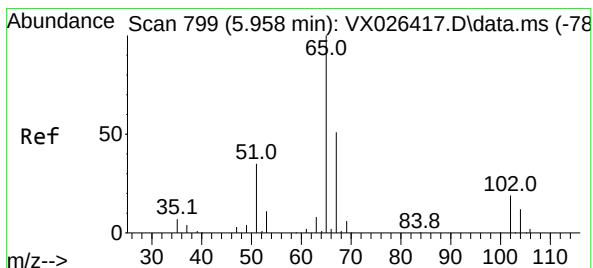
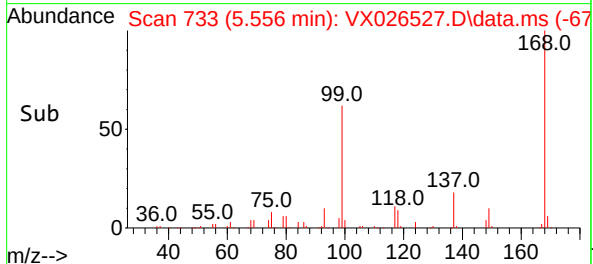
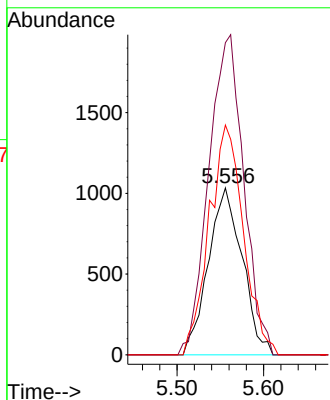


#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

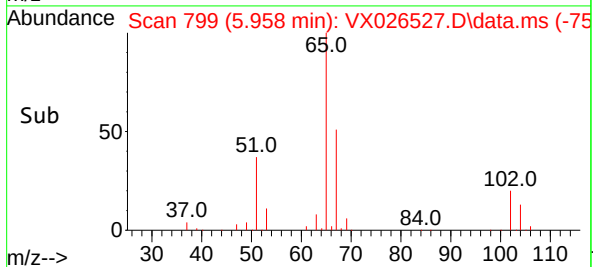
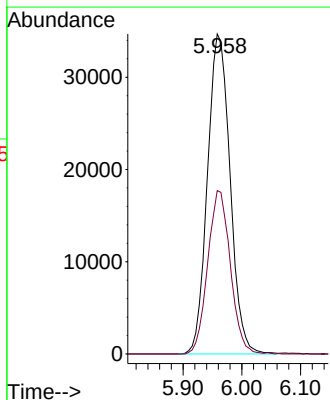
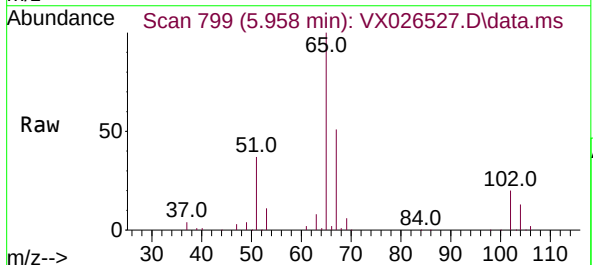


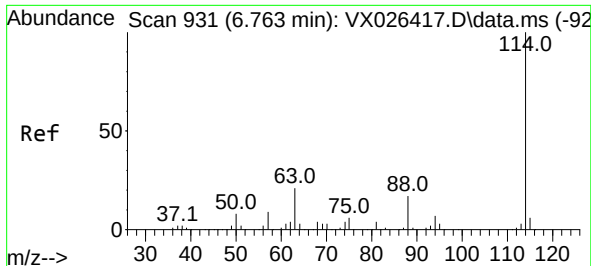
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 187.1 25.8 38.6#
84 137.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.459 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion: 65 Resp: 92904
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

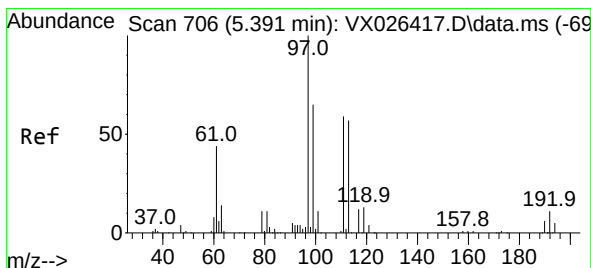
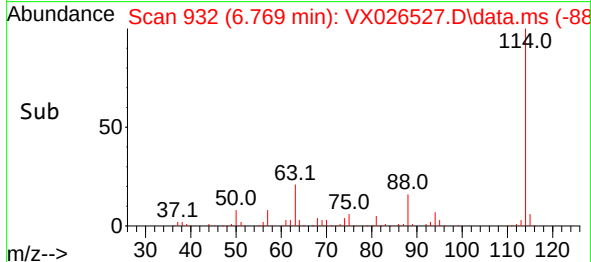
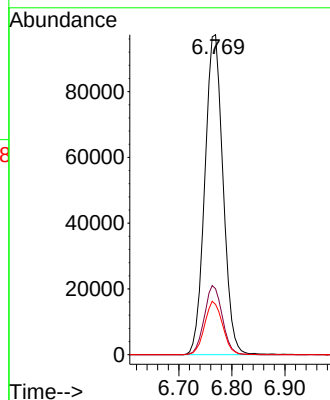
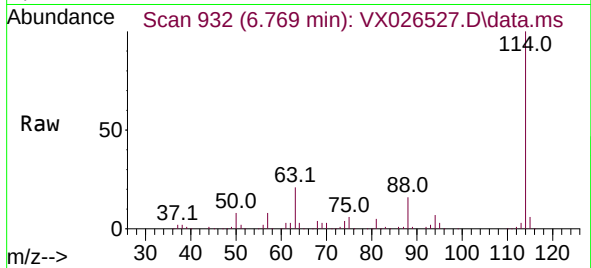




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

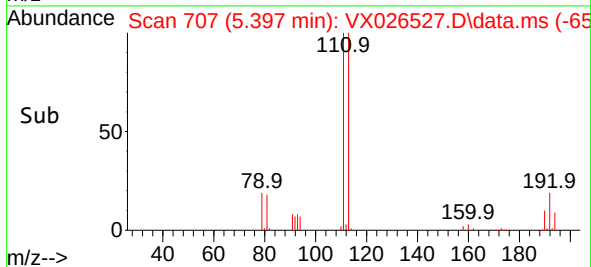
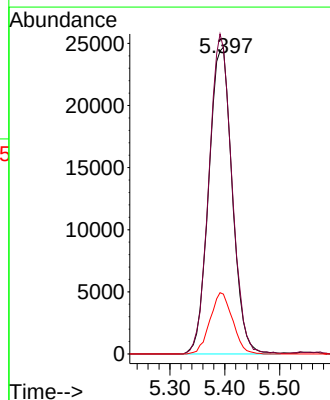
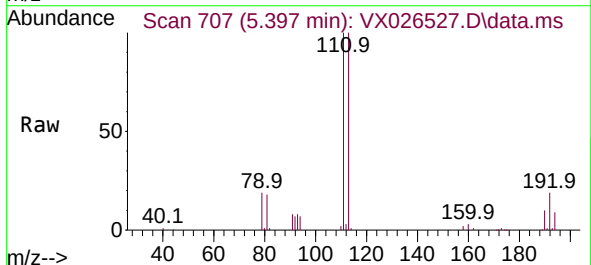
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MSVOA_X
ClientSampleId :
PB142135ZHE#01

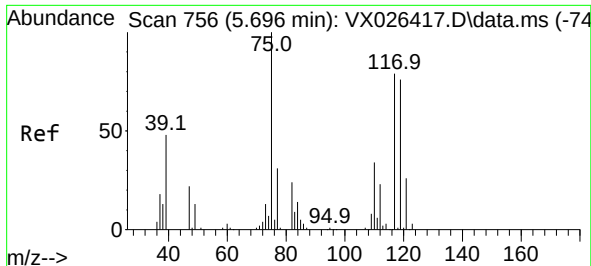
Tgt Ion:114 Resp: 232178
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.895 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion:113 Resp: 73310
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.705 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#01

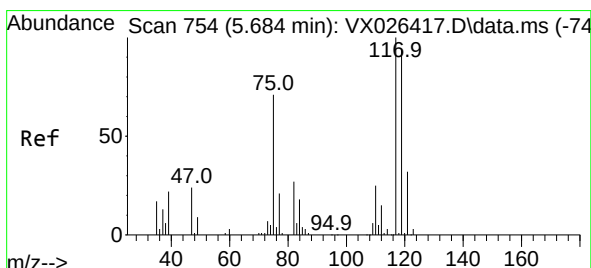
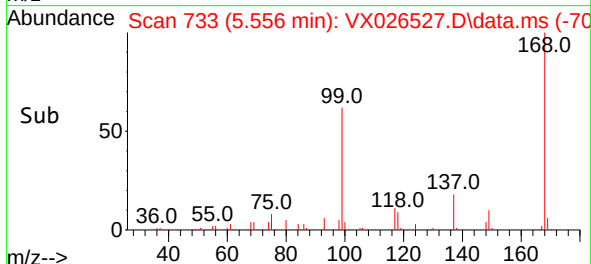
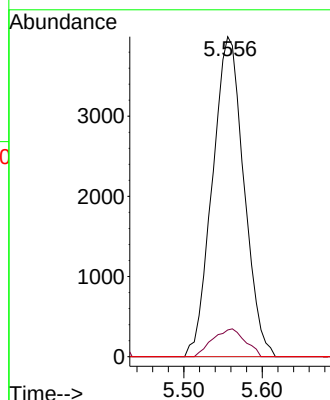
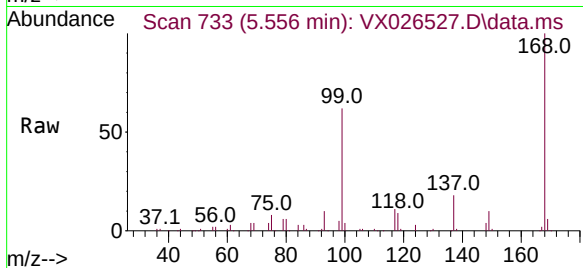
Tgt Ion: 75 Resp: 11136

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.881 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

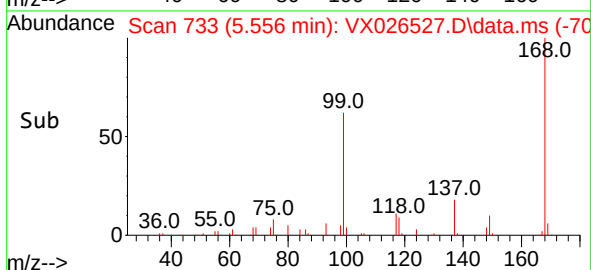
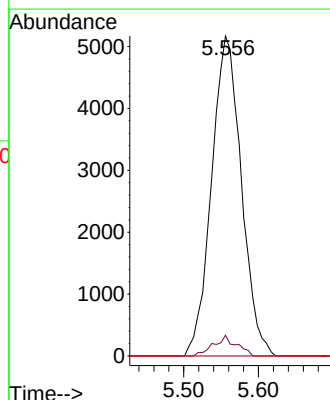
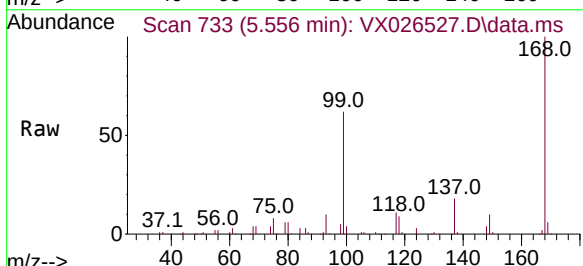
Tgt Ion: 117 Resp: 14318

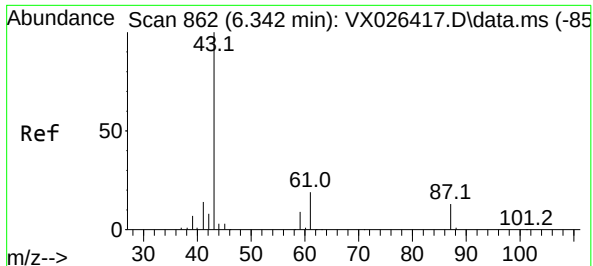
Ion Ratio Lower Upper

117 100

119 6.5 74.7 112.1#

121 0.0 25.4 38.0#

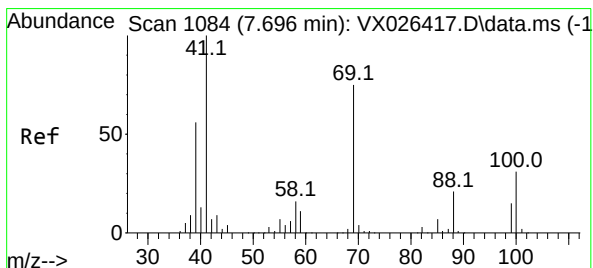
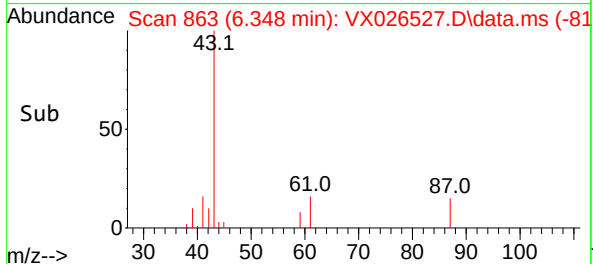
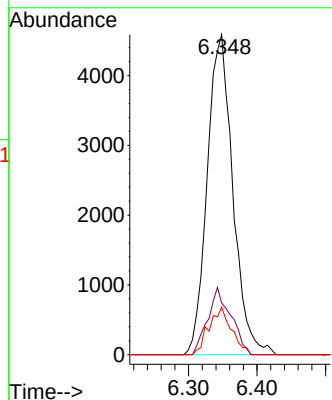
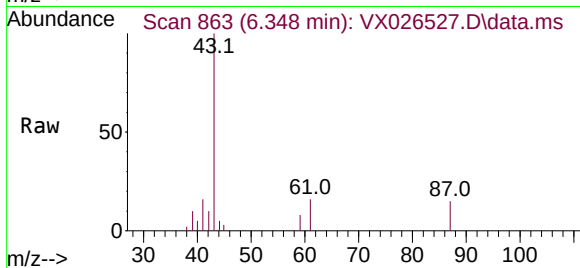




#43
Isopropyl Acetate
Concen: 3.085 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

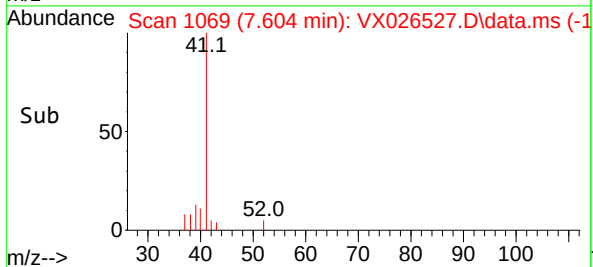
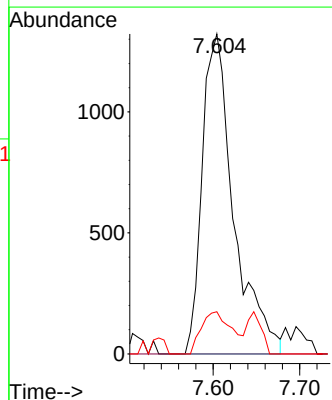
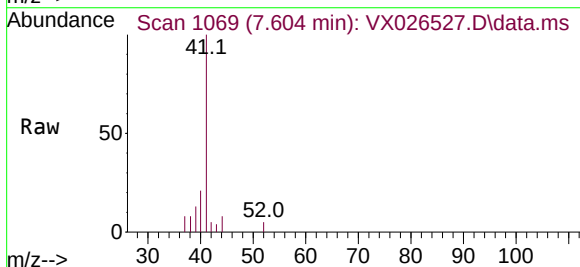
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

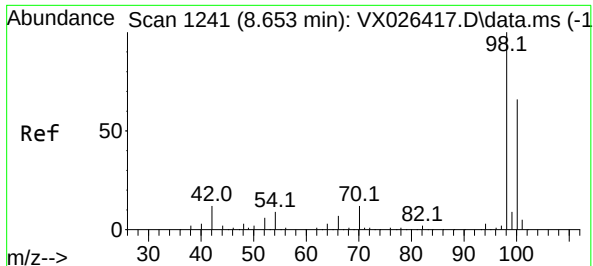
Tgt Ion: 43 Resp: 11931
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 13.1 10.2 15.2



#48
Methyl methacrylate
Concen: 1.743 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion: 41 Resp: 3340
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

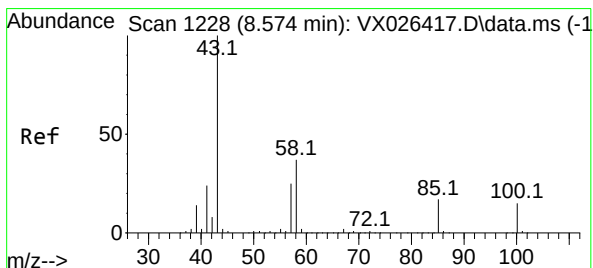
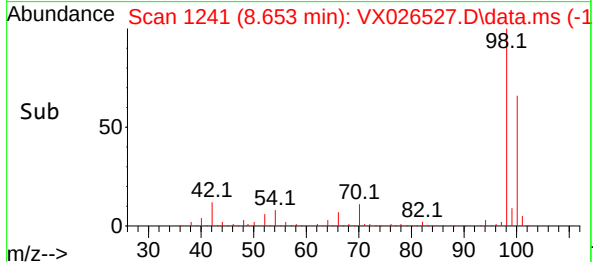
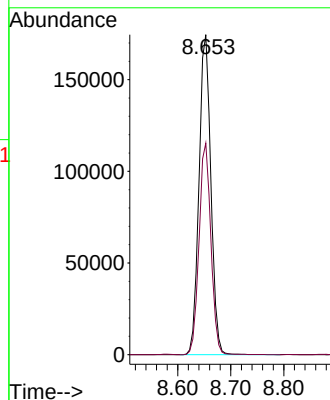
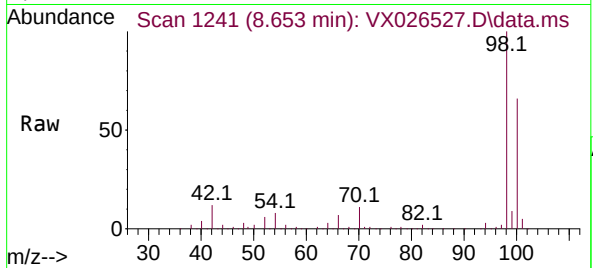




#50
Toluene-d8
Concen: 50.188 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

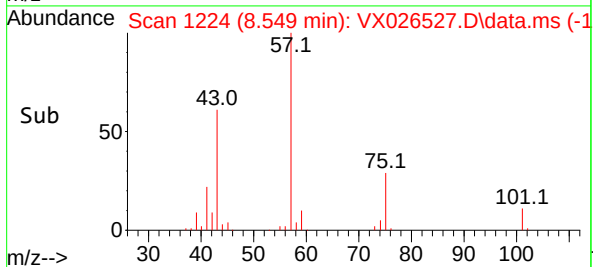
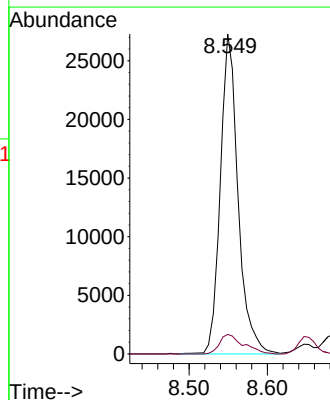
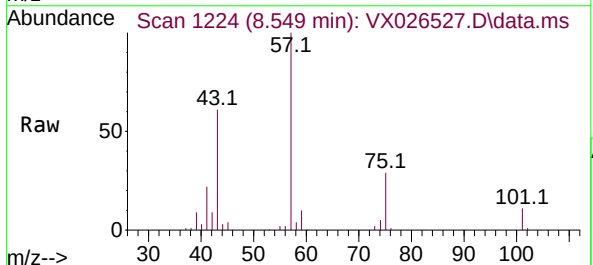
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

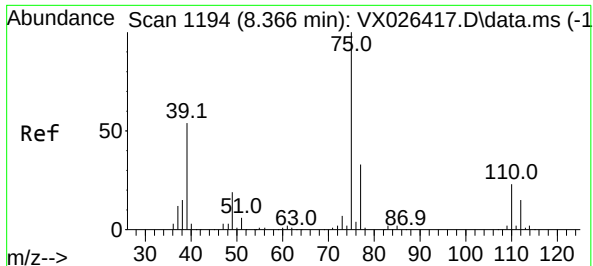
Tgt Ion: 98 Resp: 271162
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.765 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion: 43 Resp: 43048
Ion Ratio Lower Upper
43 100
58 8.2 30.5 45.7#

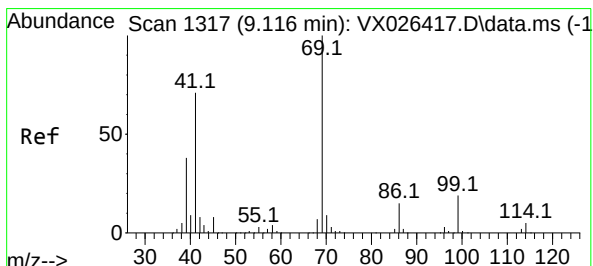
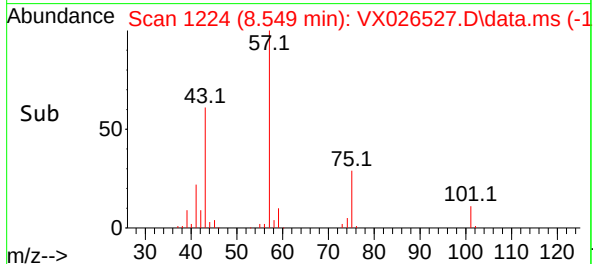
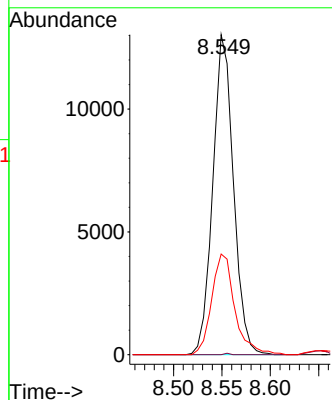
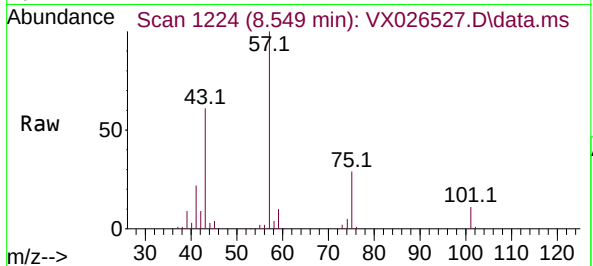




#54
 cis-1,3-Dichloropropene
 Concen: 7.728 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026527.D
 Acq: 20 Jan 2022 12:48

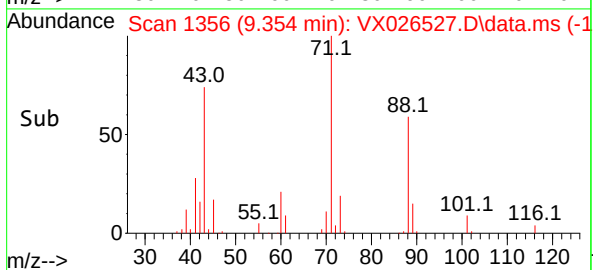
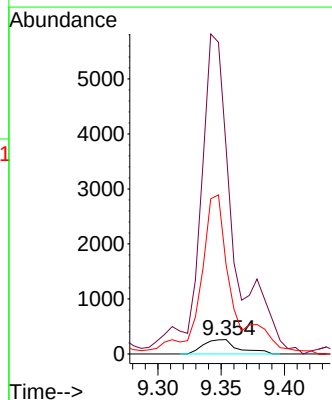
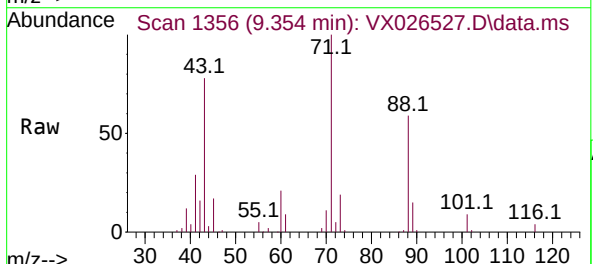
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#01

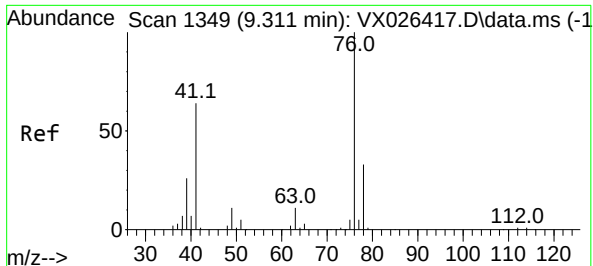
Tgt Ion: 75 Resp: 19307
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 31.4 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 0.207 ug/l
 RT: 9.354 min Scan# 1356
 Delta R.T. 0.238 min
 Lab File: VX026527.D
 Acq: 20 Jan 2022 12:48

Tgt Ion: 69 Resp: 496
 Ion Ratio Lower Upper
 69 100
 41 1794.4 57.2 85.8#
 39 955.6 30.9 46.3#





#57

1,3-Dichloropropane

Concen: 4.325 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026527.D

Acq: 20 Jan 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

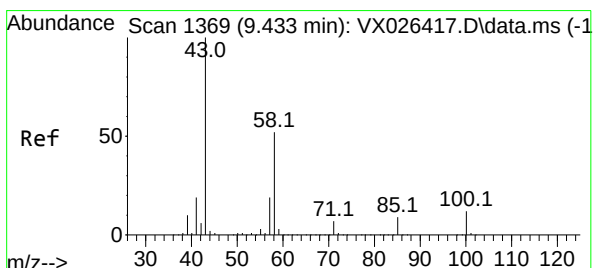
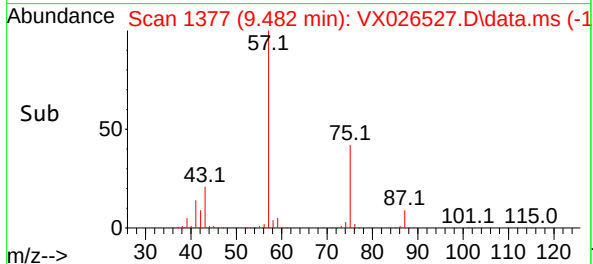
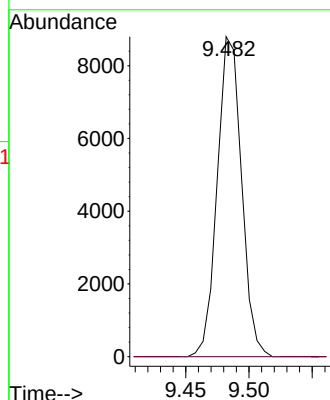
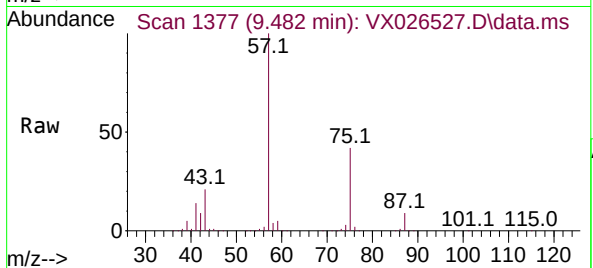
PB142135ZHE#01

Tgt Ion: 76 Resp: 11740

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 94.708 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026527.D

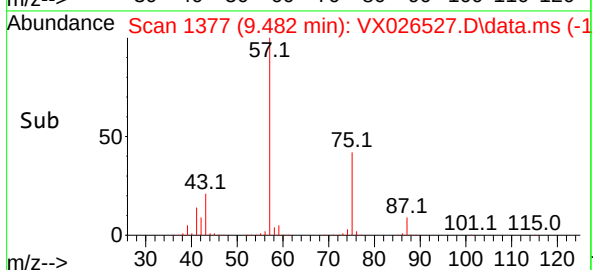
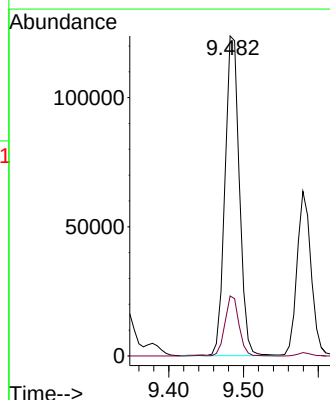
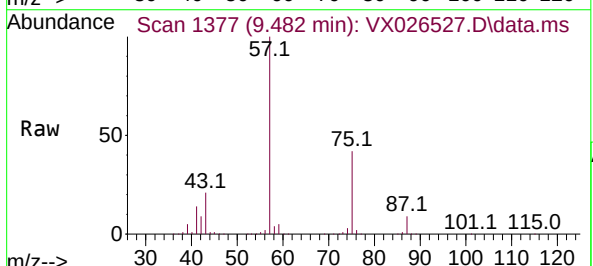
Acq: 20 Jan 2022 12:48

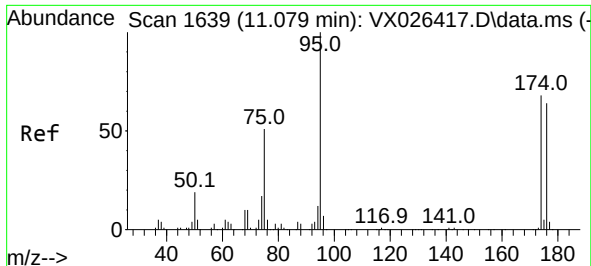
Tgt Ion: 43 Resp: 166287

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

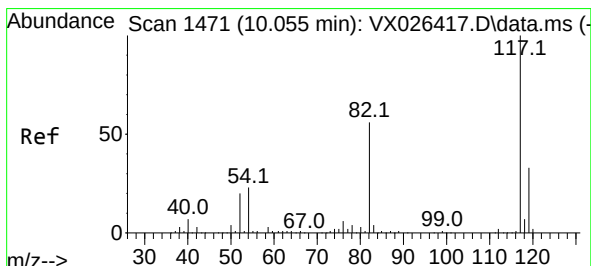
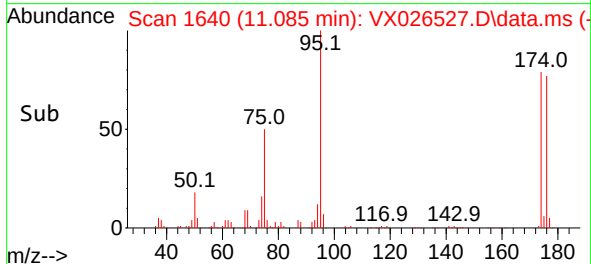
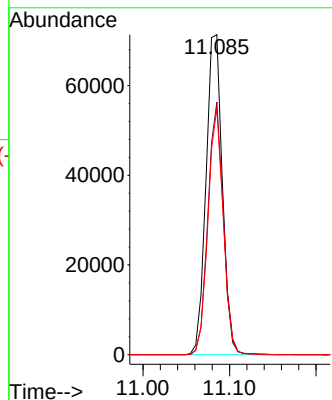
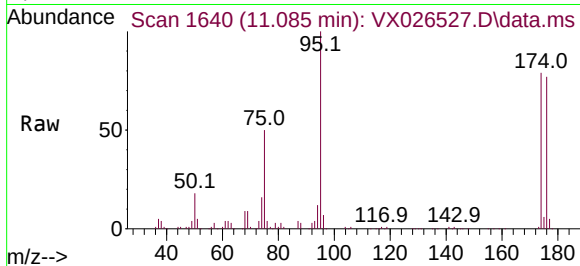




#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

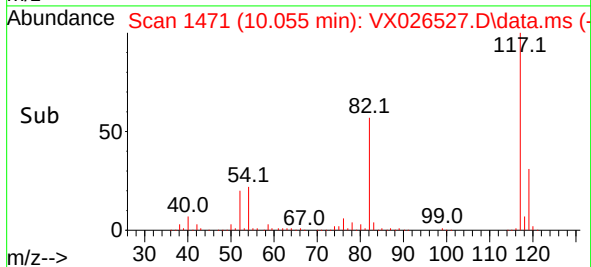
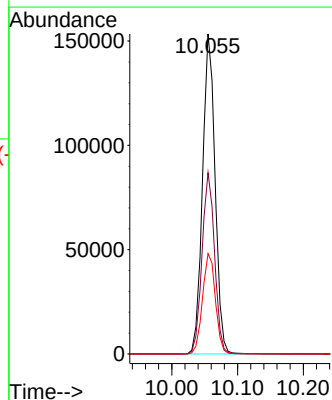
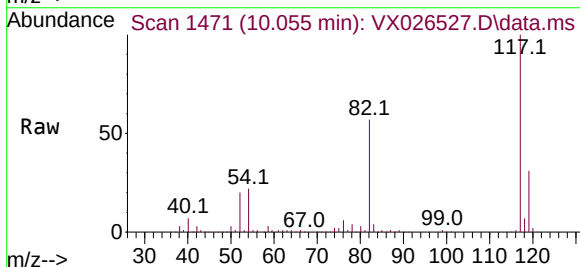
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#01

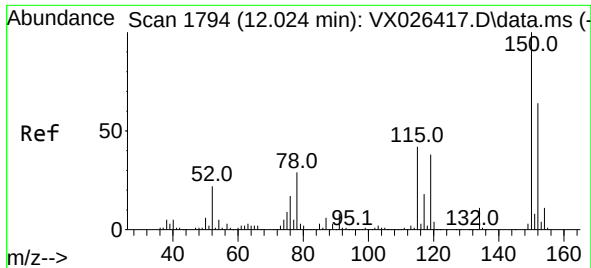
Tgt Ion: 95 Resp: 93537
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026527.D
Acq: 20 Jan 2022 12:48

Tgt Ion: 117 Resp: 203377
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.4 26.2 39.2

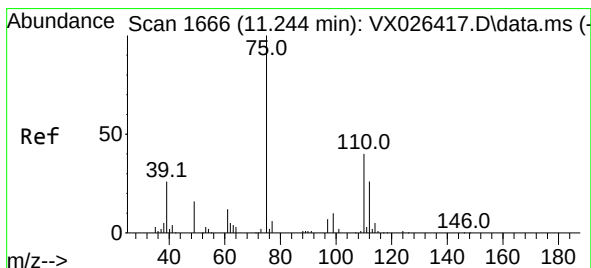
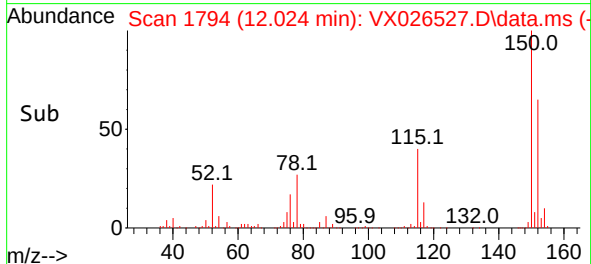
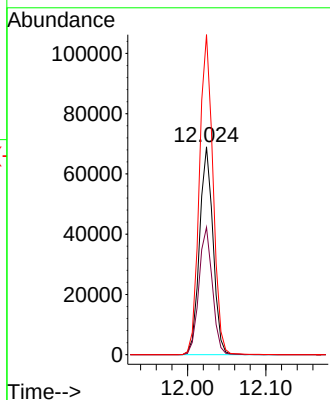
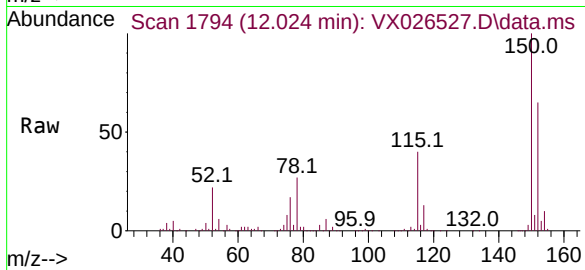




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026527.D
 Acq: 20 Jan 2022 12:48

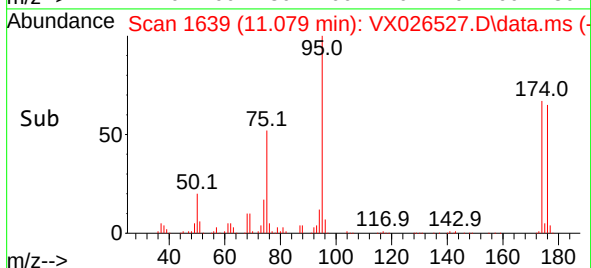
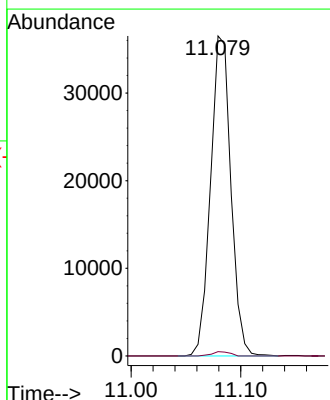
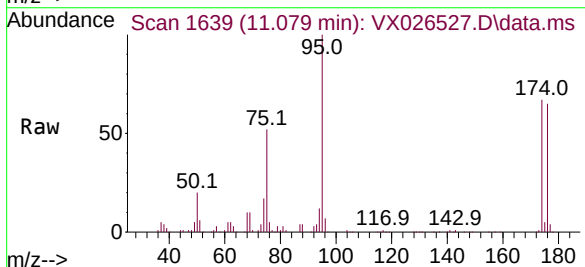
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#01

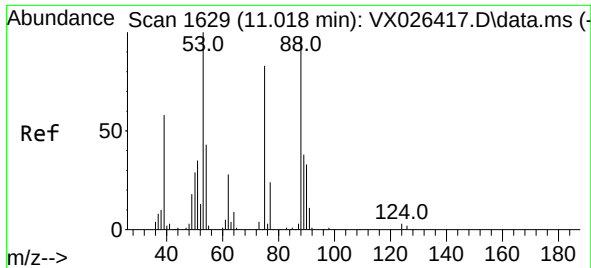
Tgt Ion:152 Resp: 82405
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.2 132.6
 150 155.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.982 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026527.D
 Acq: 20 Jan 2022 12:48

Tgt Ion: 75 Resp: 47141
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.779 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026527.D
 Acq: 20 Jan 2022 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#01

Tgt Ion: 75 Resp: 47141
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

