

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033421.D
 Acq On : 14 Dec 2022 15:53
 Operator : JC/MD
 Sample : PB149591ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149591ZHE#02

Quant Time: Dec 14 22:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

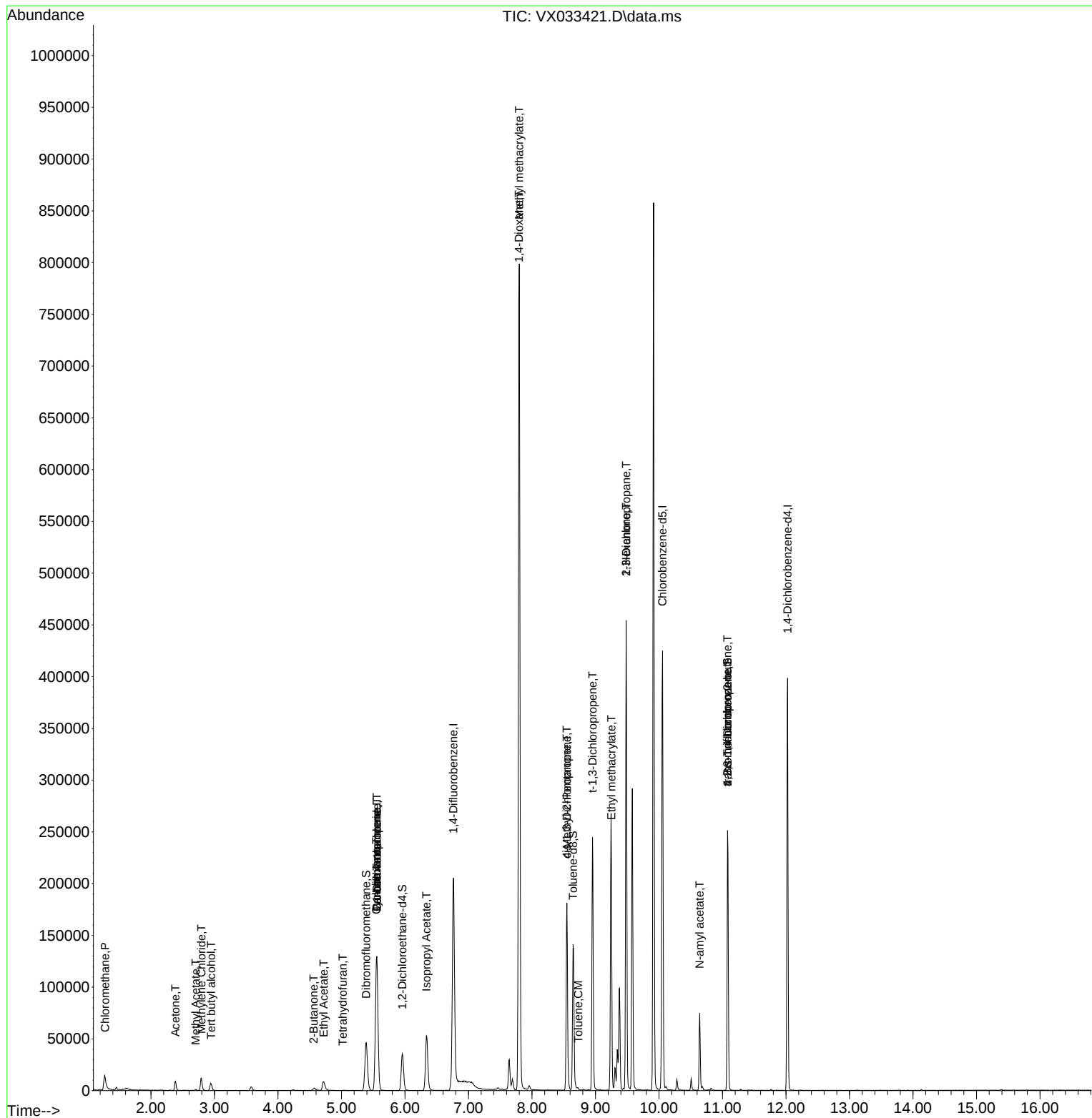
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	125806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36786	45.579	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.160%		
35) Dibromofluoromethane	5.385	113	40159	43.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.220%		
50) Toluene-d8	8.647	98	87678	45.513	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.020%#		
62) 4-Bromofluorobenzene	11.079	95	67378	45.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	529	0.521	ug/l #	43
11) Tert butyl alcohol	2.947	59	4437	17.982	ug/l #	72
16) Acetone	2.386	43	10222	17.116	ug/l	93
18) Methyl Acetate	2.703	43	1256	0.726	ug/l	94
20) Methylene Chloride	2.794	84	5922	4.446	ug/l	93
25) 2-Butanone	4.562	43	2142	2.499	ug/l #	68
29) Tetrahydrofuran	5.019	42	130	0.234	ug/l #	31
31) Cyclohexane	5.550	56	2443	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9445	5.261	ug/l #	50
37) Ethyl Acetate	4.721	43	16325	9.619	ug/l	99
38) Carbon Tetrachloride	5.556	117	12972	6.449	ug/l #	15
43) Isopropyl Acetate	6.336	43	72254	26.459	ug/l	99
48) Methyl methacrylate	7.799	41	68810	48.824	ug/l #	42
49) 1,4-Dioxane	7.793	88	116	3.609	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	61270	35.480	ug/l #	49
52) Toluene	8.726	92	738	0.218	ug/l	100
53) t-1,3-Dichloropropene	8.952	75	565	2.757	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28527	13.485	ug/l #	58
56) Ethyl methacrylate	9.250	69	571	0.285	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4004	1.752	ug/l #	42
59) 2-Hexanone	9.482	43	51730	40.649	ug/l #	52
74) N-amyl acetate	10.640	43	18654	8.993	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	34180	20.028	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34180	62.302	ug/l #	6

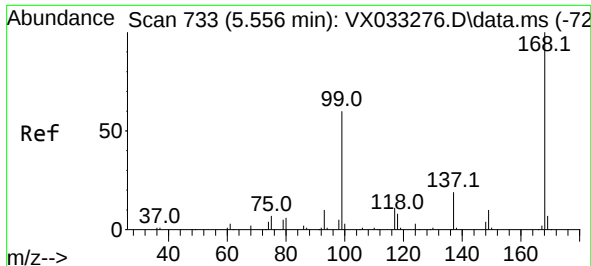
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
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Quant Title : SW846 8260
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Response via : Initial Calibration

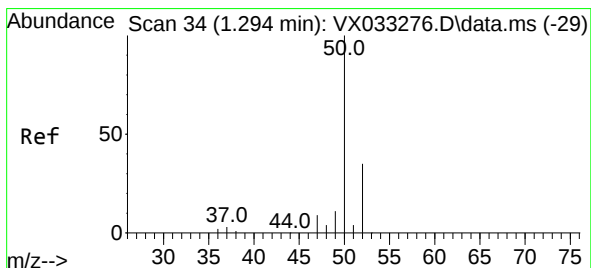
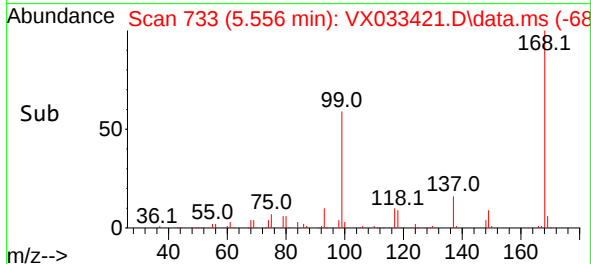
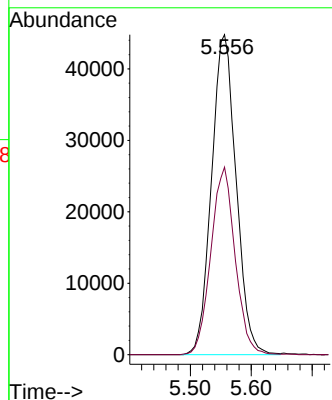
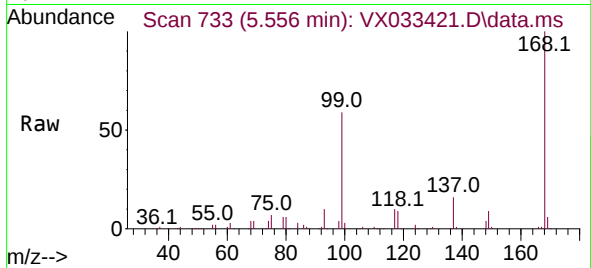




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

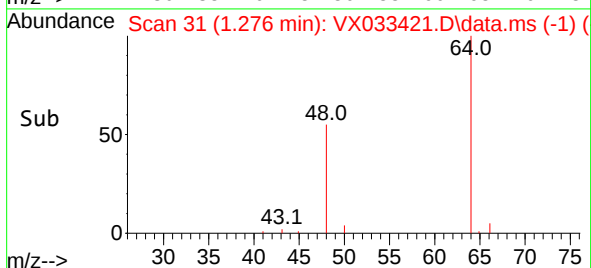
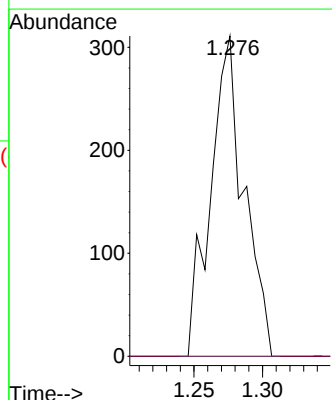
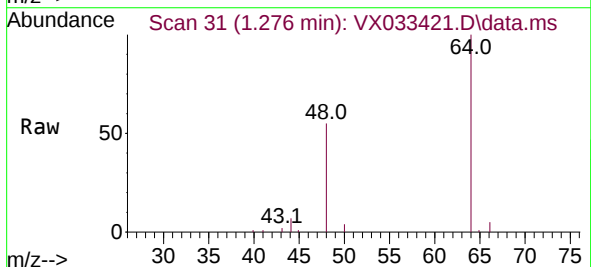
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

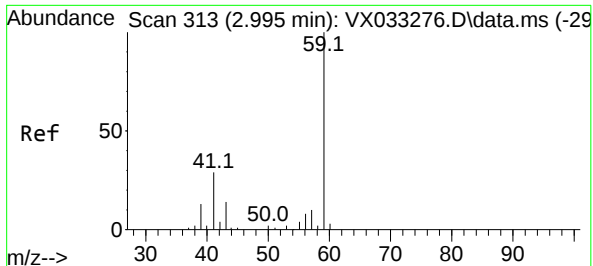
Tgt Ion:168 Resp: 125806
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#3
Chloromethane
Concen: 0.521 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 50 Resp: 529
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 17.982 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

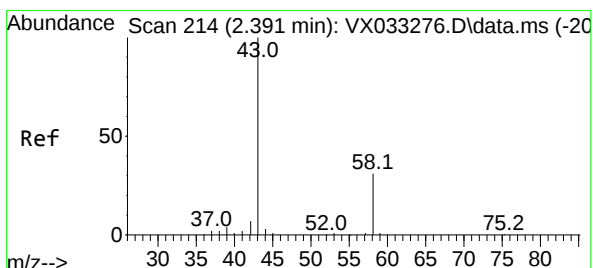
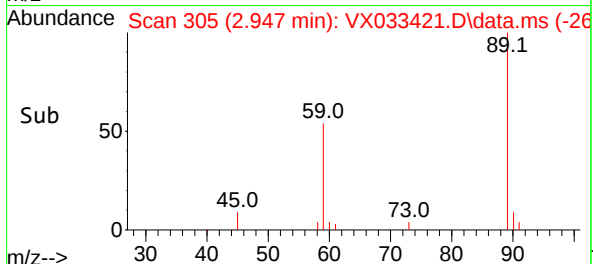
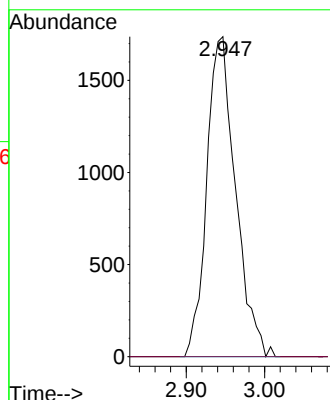
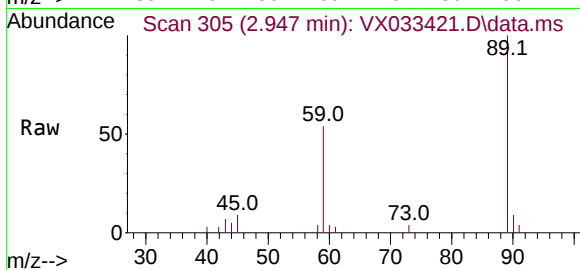
PB149591ZHE#02

Tgt Ion: 59 Resp: 4437

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 17.116 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033421.D

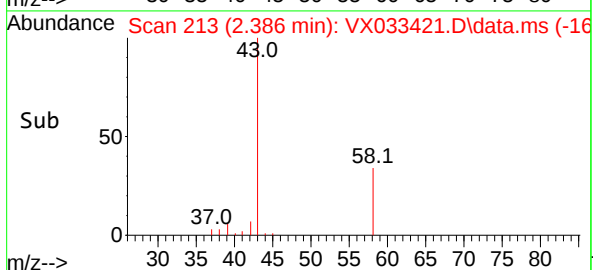
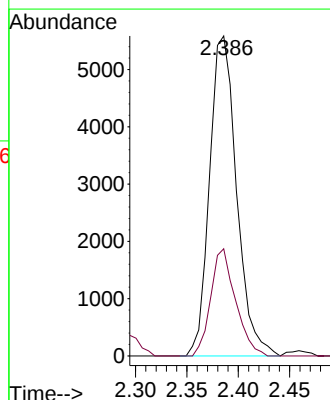
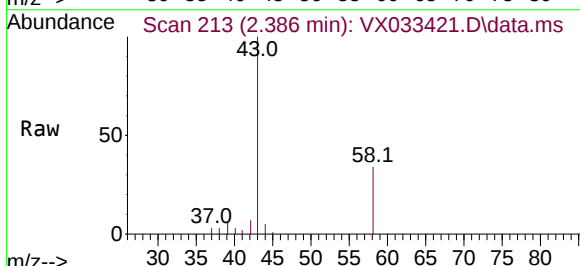
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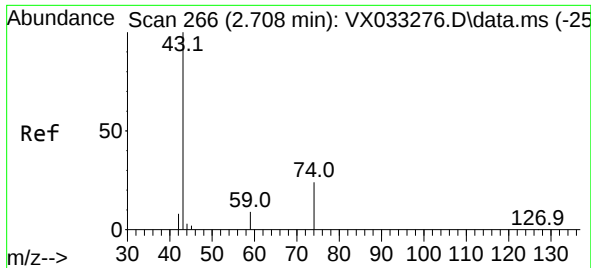
Tgt Ion: 43 Resp: 10222

Ion Ratio Lower Upper

43 100

58 33.5 23.8 35.8

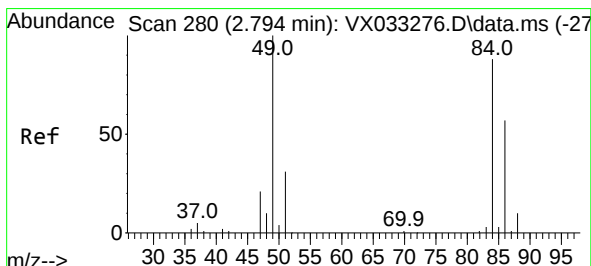
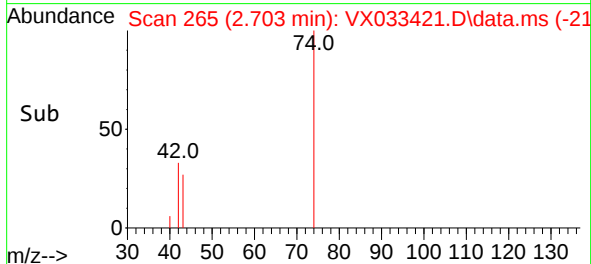
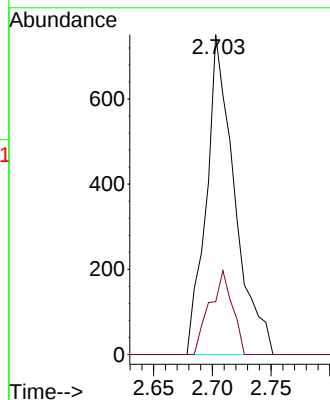
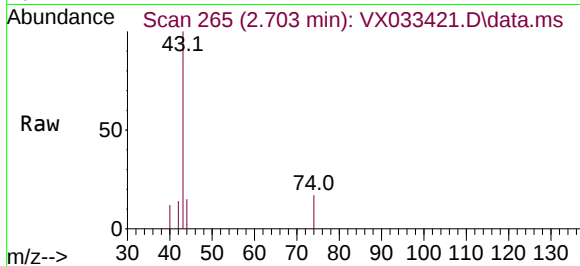




#18
Methyl Acetate
Concen: 0.726 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

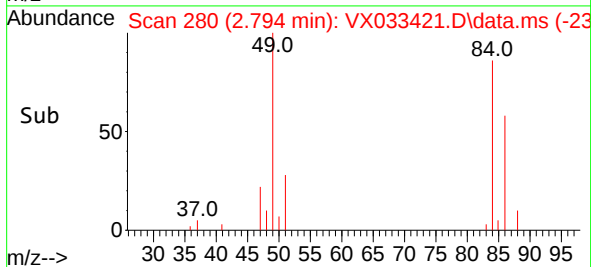
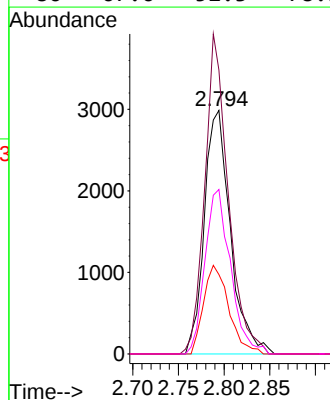
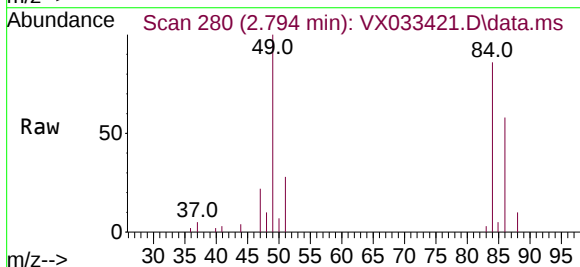
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

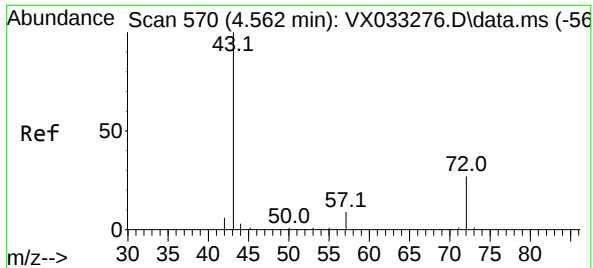
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.0



#20
Methylene Chloride
Concen: 4.446 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 84 Resp: 5922
Ion Ratio Lower Upper
84 100
49 116.6 101.0 151.6
51 32.6 31.1 46.7
86 67.6 52.3 78.5

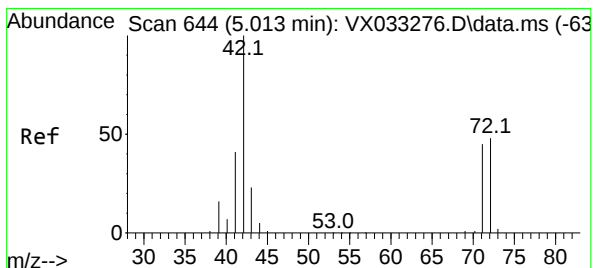
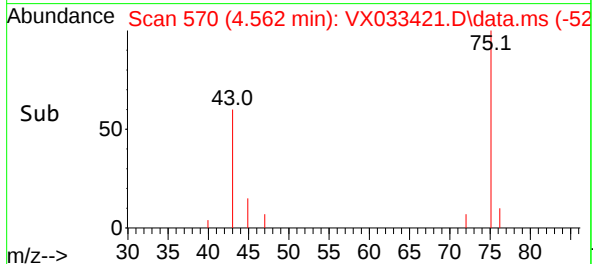
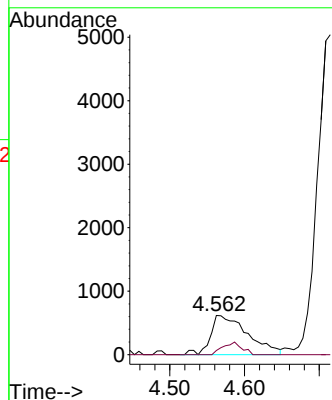
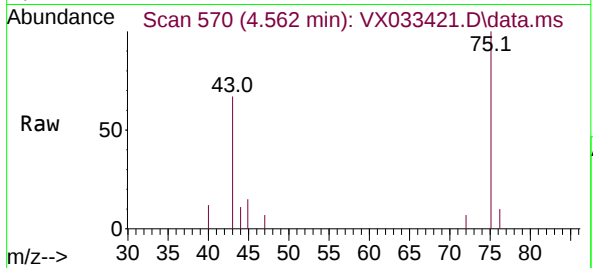




#25
2-Butanone
Concen: 2.499 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

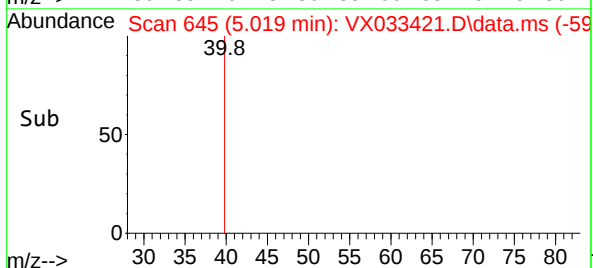
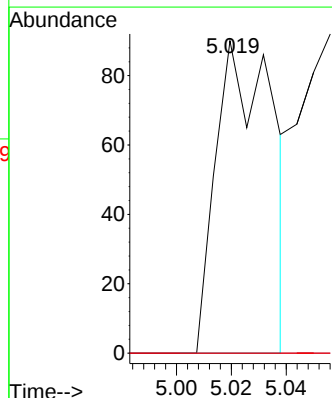
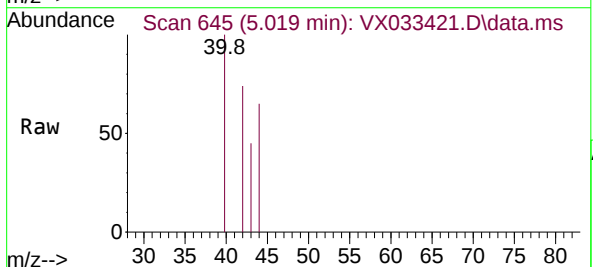
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

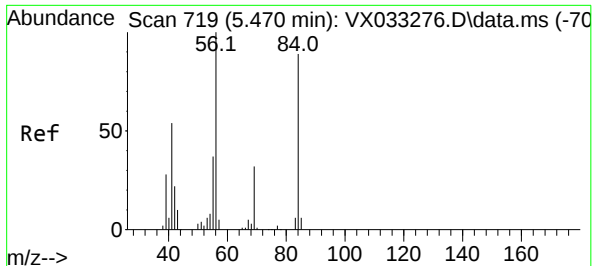
Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
72 10.7 22.2 33.2#



#29
Tetrahydrofuran
Concen: 0.234 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.007 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

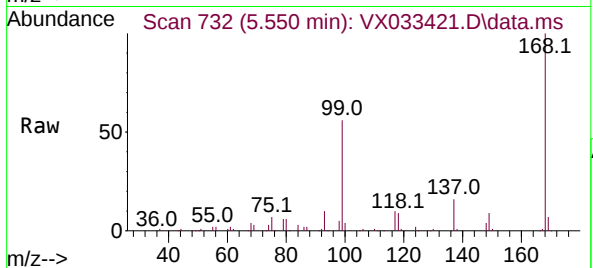
Tgt Ion: 42 Resp: 130
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.7 52.1#



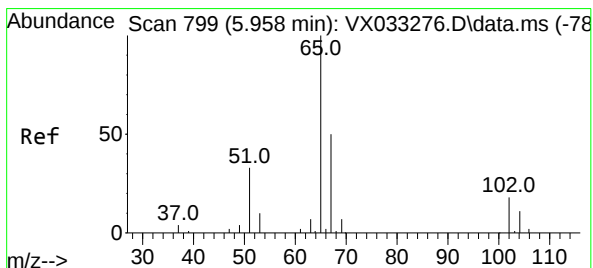
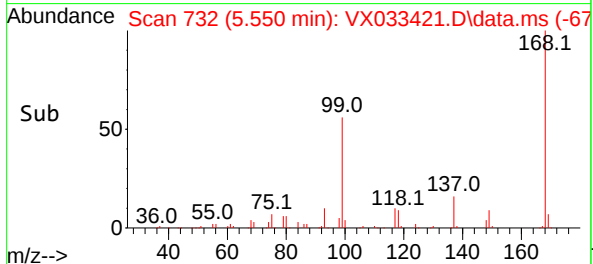
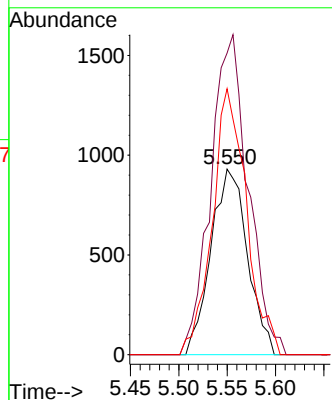


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Instrument :
MSVOA_X
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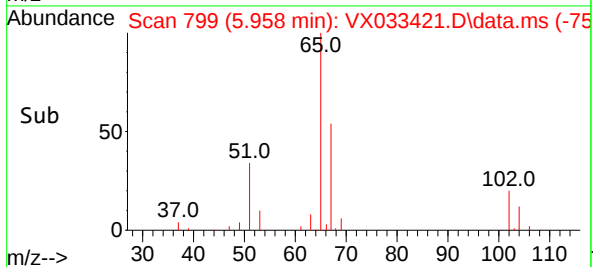
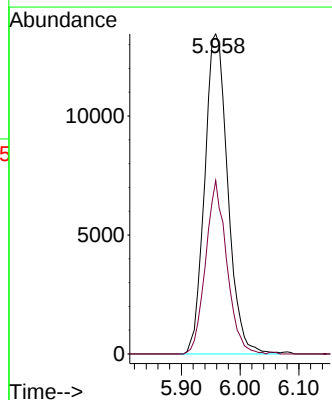
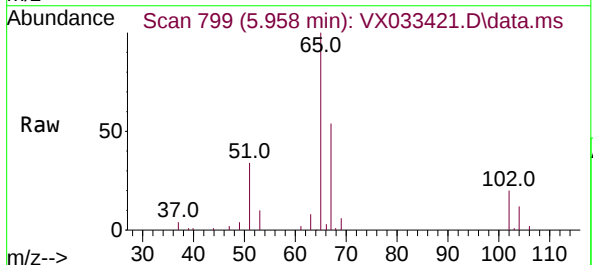


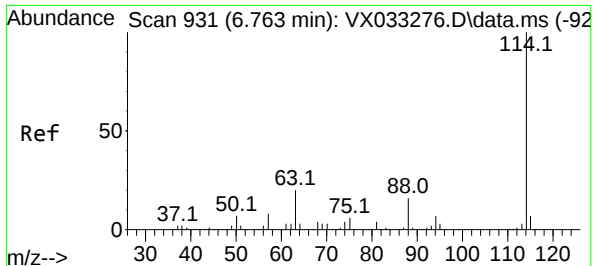
Tgt Ion: 56 Resp: 2443
Ion Ratio Lower Upper
56 100
69 162.6 24.1 36.1#
84 143.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 45.579 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 65 Resp: 36786
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

PB149591ZHE#02

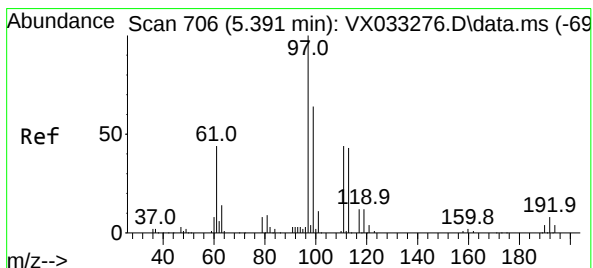
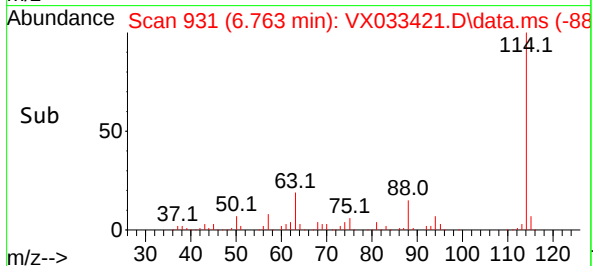
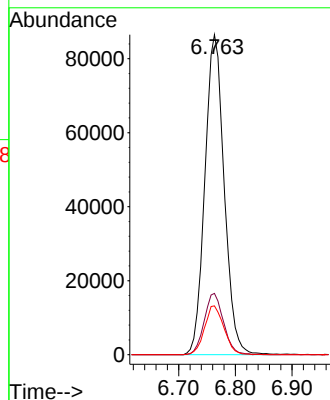
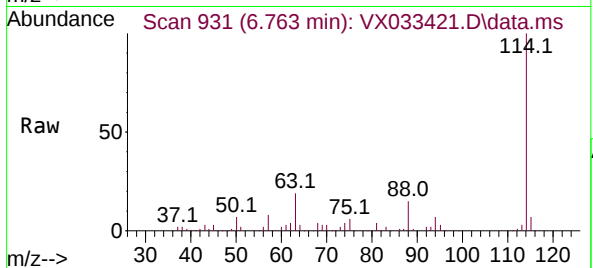
Tgt Ion:114 Resp: 204741

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 43.609 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

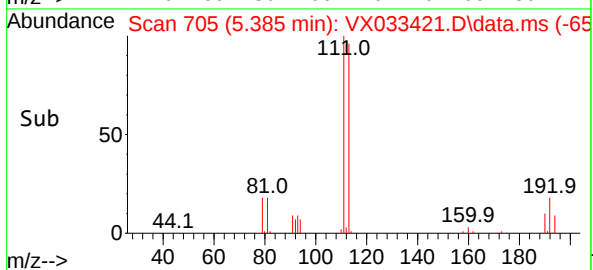
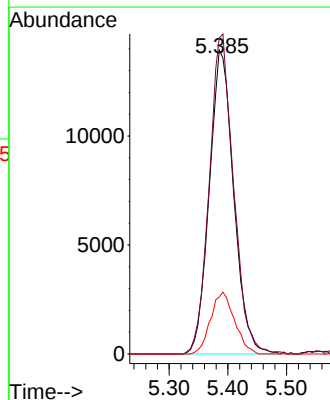
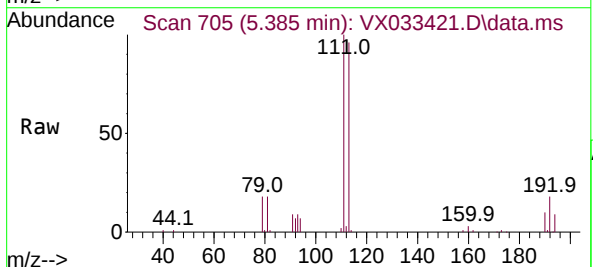
Tgt Ion:113 Resp: 40159

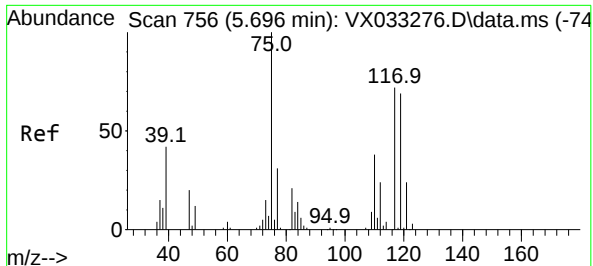
Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

192 19.9 15.4 23.2

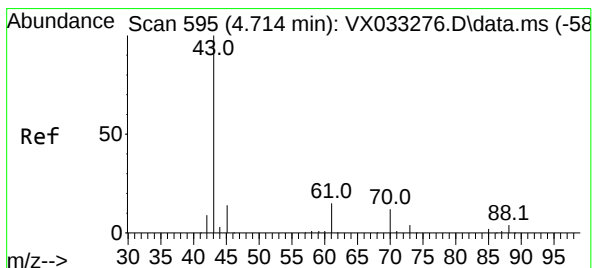
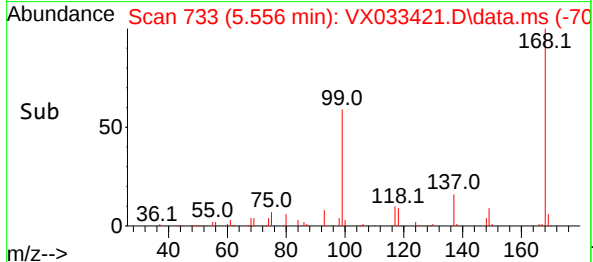
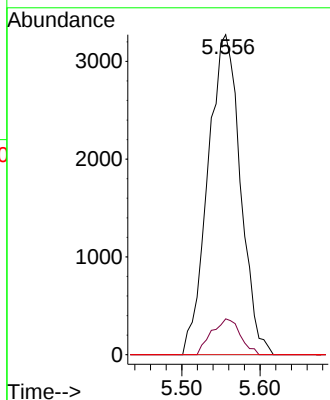
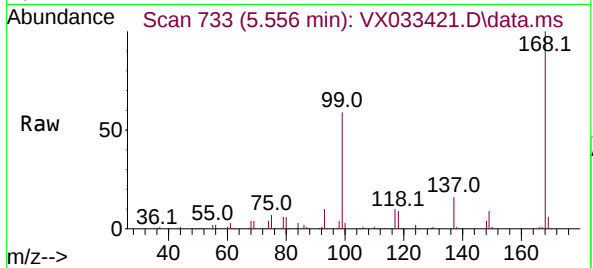




#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

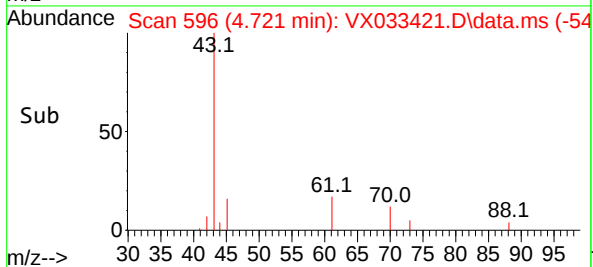
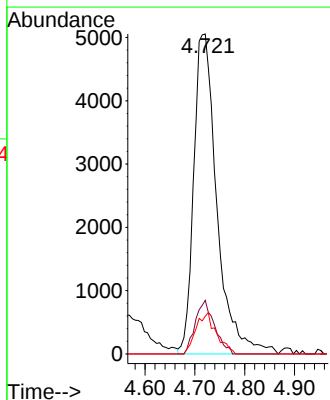
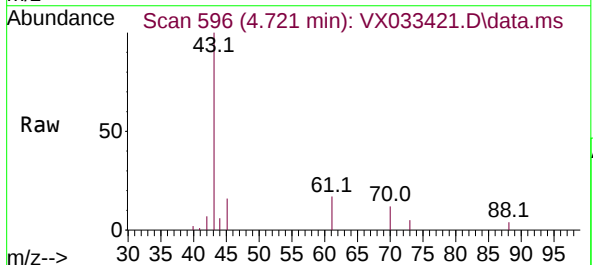
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

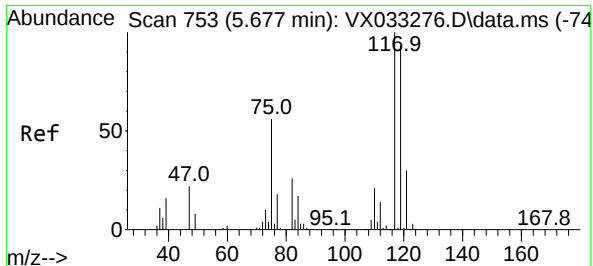
Tgt Ion: 75 Resp: 9445
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 9.619 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

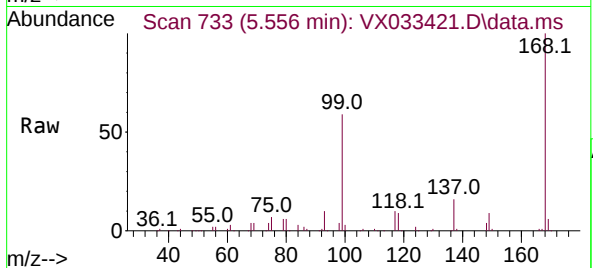
Tgt Ion: 43 Resp: 16325
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 11.2 9.1 13.7



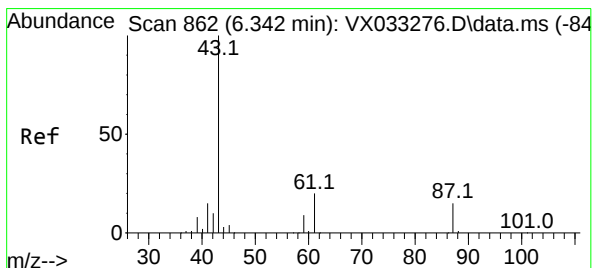
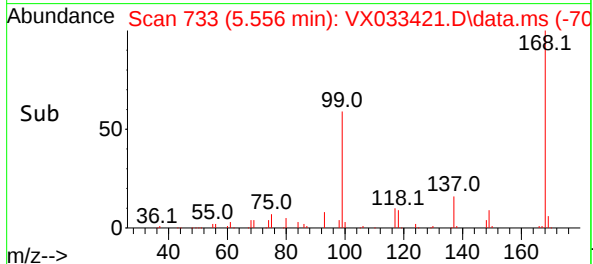
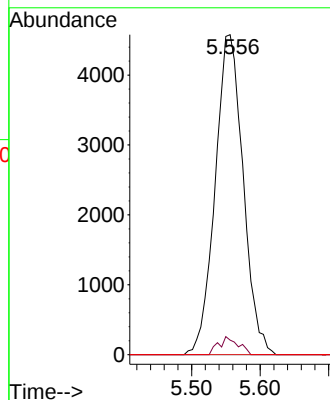


#38
Carbon Tetrachloride
Concen: 6.449 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

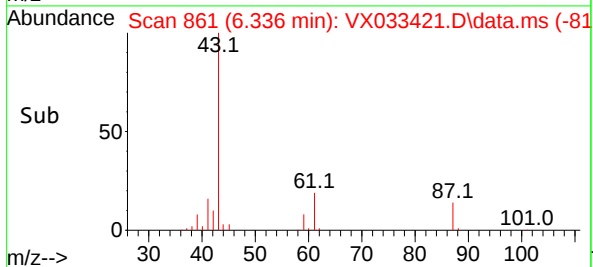
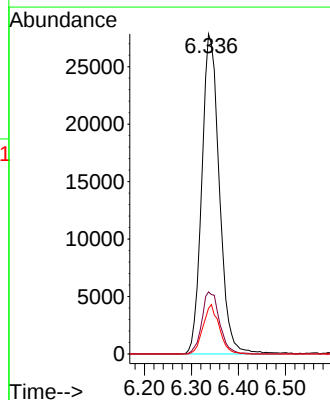
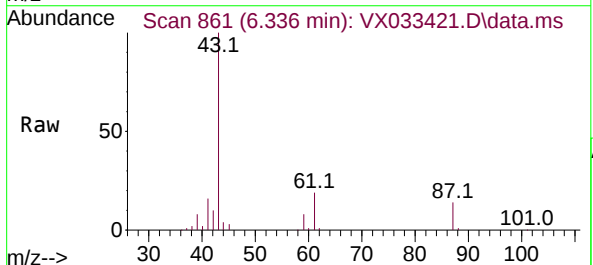


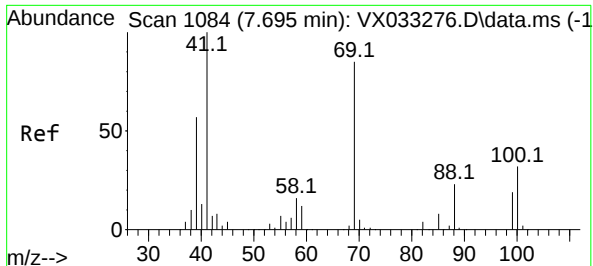
Tgt Ion:117 Resp: 12972
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 26.459 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 43 Resp: 72254
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 14.2 10.8 16.2





#48

Methyl methacrylate

Concen: 48.824 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

PB149591ZHE#02

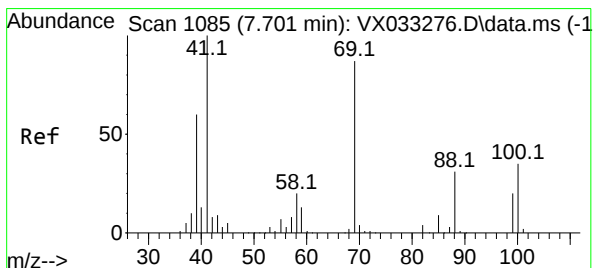
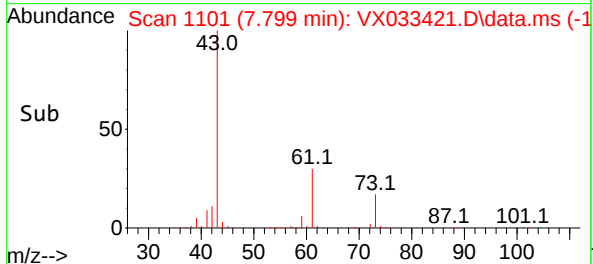
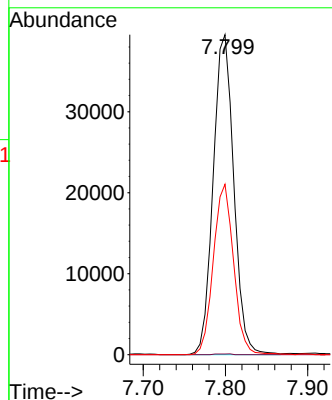
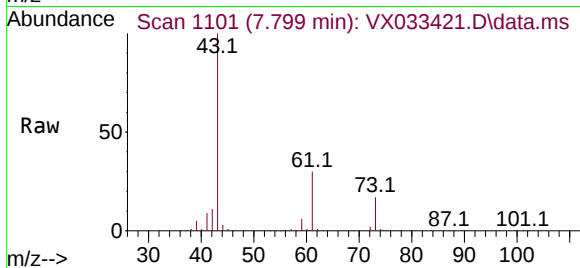
Tgt Ion: 41 Resp: 68810

Ion Ratio Lower Upper

41 100

69 0.2 65.1 97.7#

39 52.3 51.9 77.9



#49

1,4-Dioxane

Concen: 3.609 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.092 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

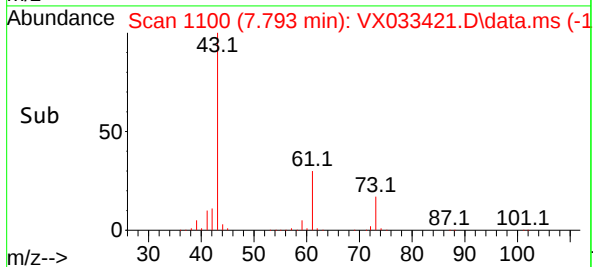
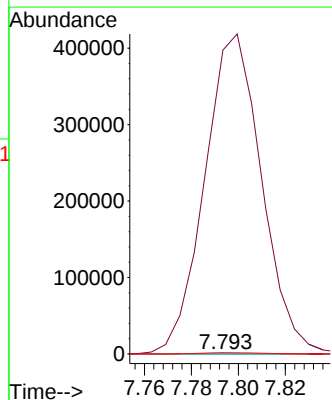
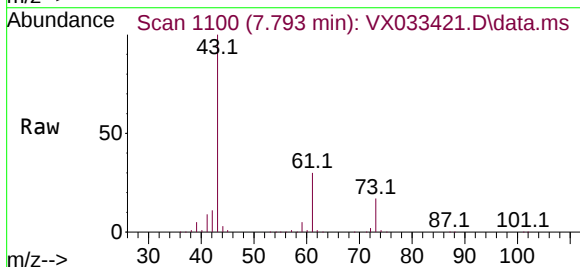
Tgt Ion: 88 Resp: 116

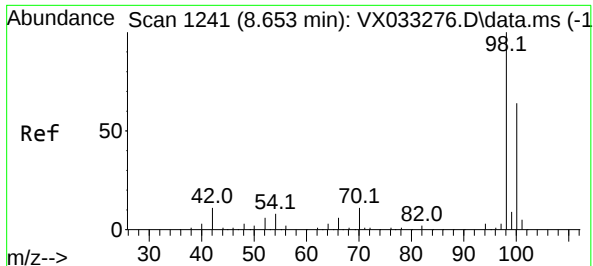
Ion Ratio Lower Upper

88 100

43 613038.8 26.6 39.8#

58 2646.6 51.7 77.5#

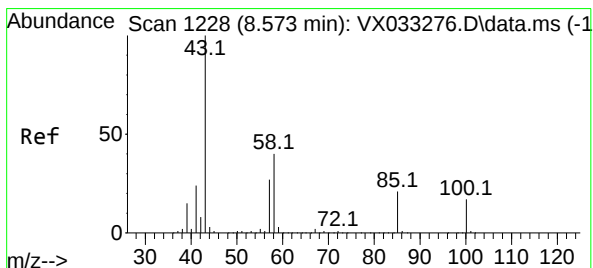
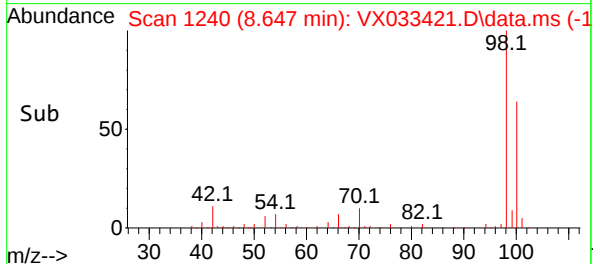
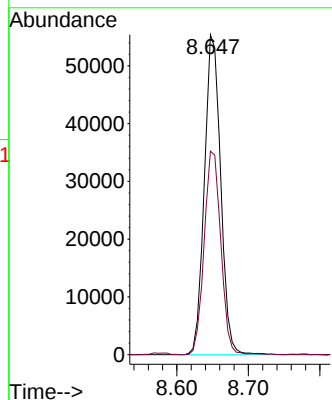
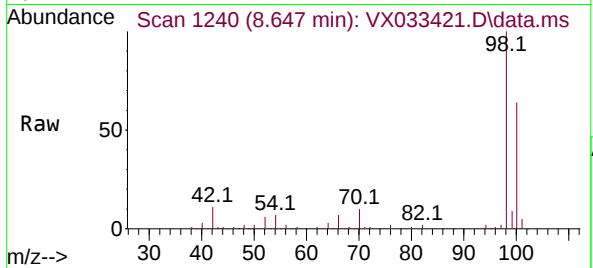




#50
Toluene-d8
Concen: 45.513 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

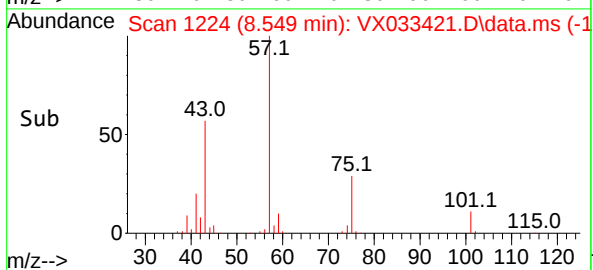
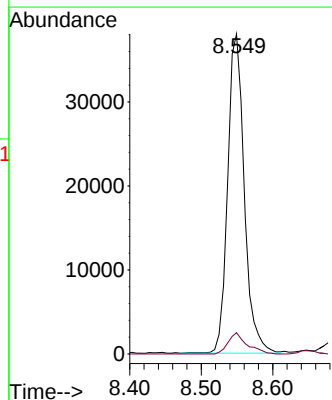
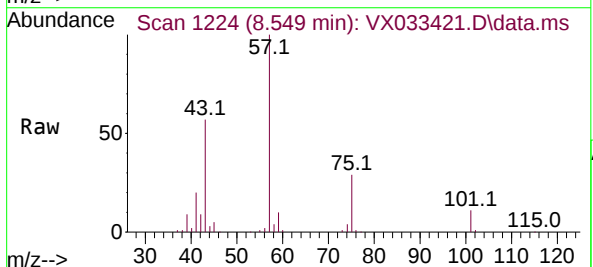
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

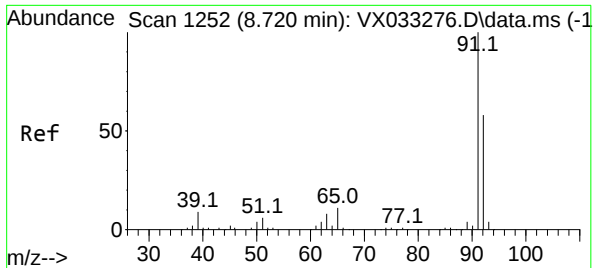
Tgt Ion: 98 Resp: 87678
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 35.480 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 43 Resp: 61270
Ion Ratio Lower Upper
43 100
58 7.6 30.9 46.3#

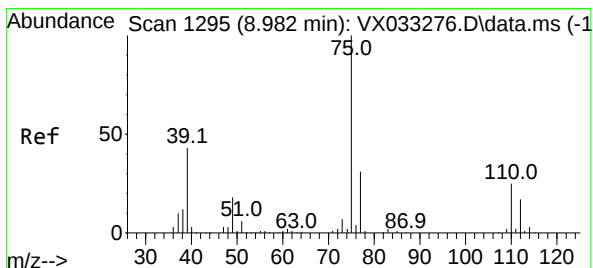
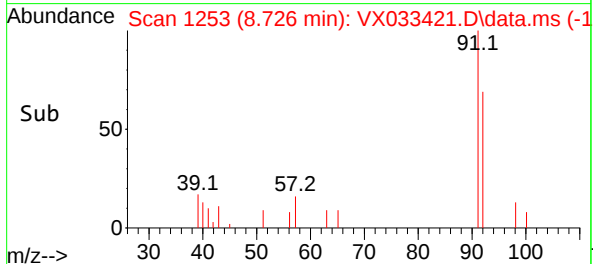
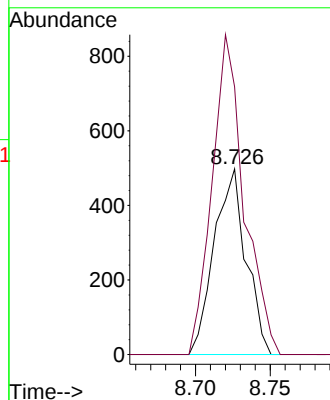
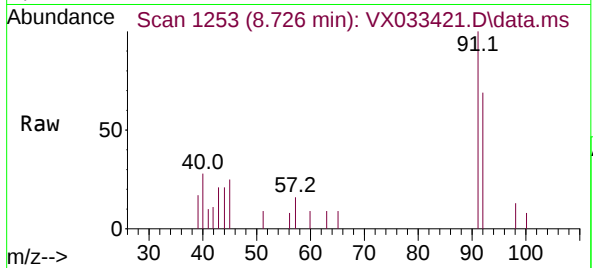




#52
Toluene
Concen: 0.218 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

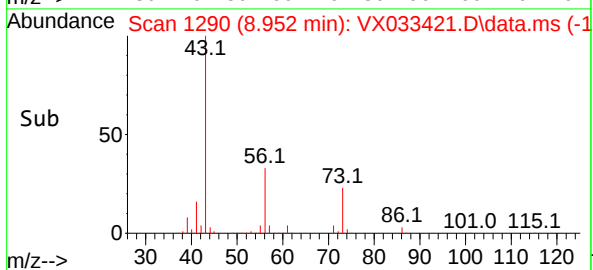
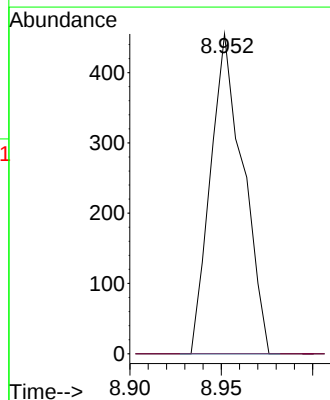
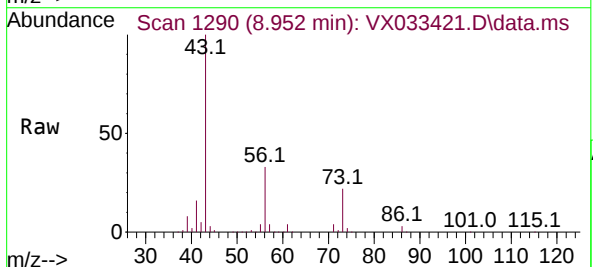
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

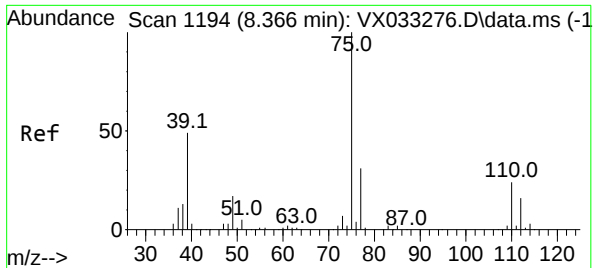
Tgt Ion: 92 Resp: 738
Ion Ratio Lower Upper
92 100
91 173.2 138.3 207.5



#53
t-1,3-Dichloropropene
Concen: 2.757 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 75 Resp: 565
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

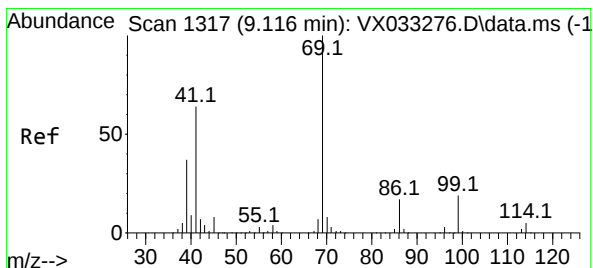
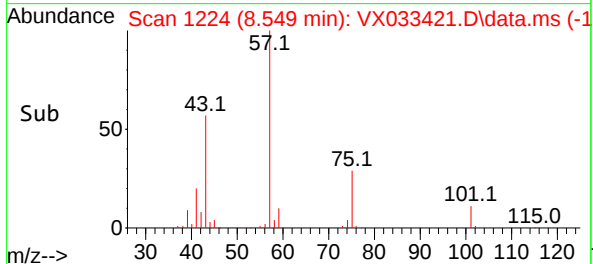
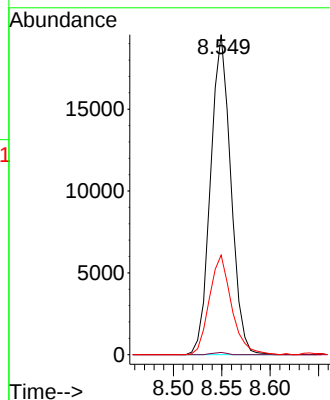
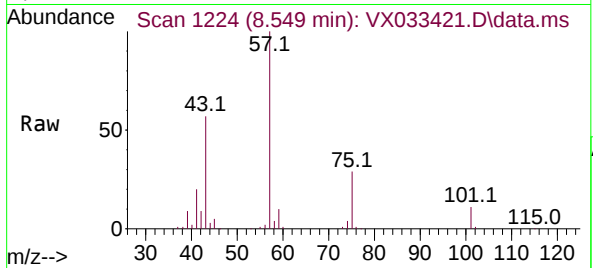




#54
 cis-1,3-Dichloropropene
 Concen: 13.485 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033421.D
 Acq: 14 Dec 2022 15:53

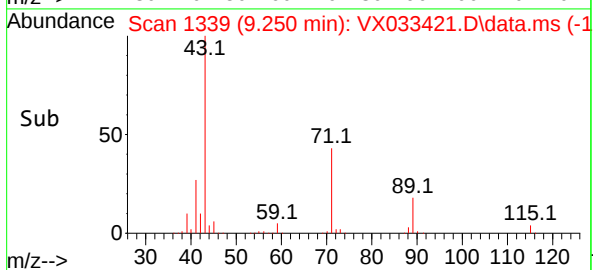
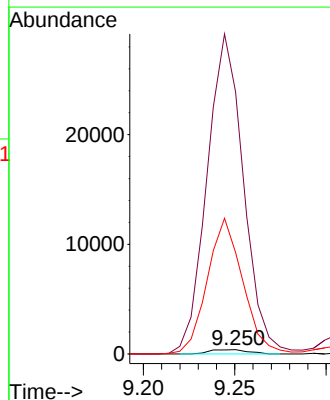
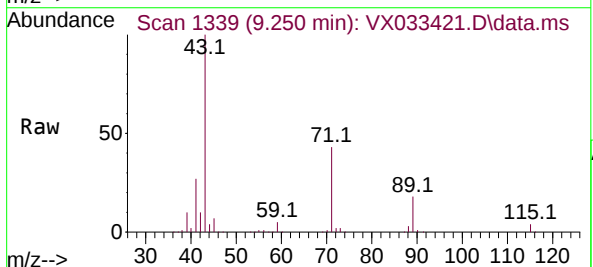
Instrument :
 MSVOA_X
 ClientSampleId :
 PB149591ZHE#02

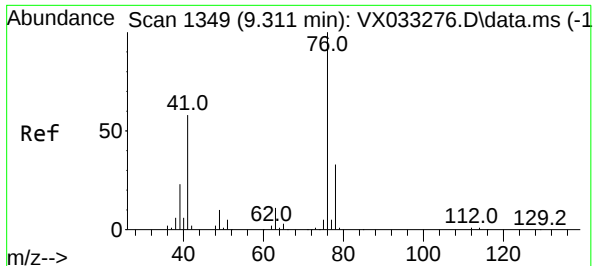
Tgt Ion: 75 Resp: 28527
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.1 37.7#
 39 31.1 45.5 68.3#



#56
 Ethyl methacrylate
 Concen: 0.285 ug/l
 RT: 9.250 min Scan# 1339
 Delta R.T. 0.135 min
 Lab File: VX033421.D
 Acq: 14 Dec 2022 15:53

Tgt Ion: 69 Resp: 571
 Ion Ratio Lower Upper
 69 100
 41 7129.2 54.3 81.5#
 39 2930.6 35.2 52.8#





#57

1,3-Dichloropropane

Concen: 1.752 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033421.D

Acq: 14 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

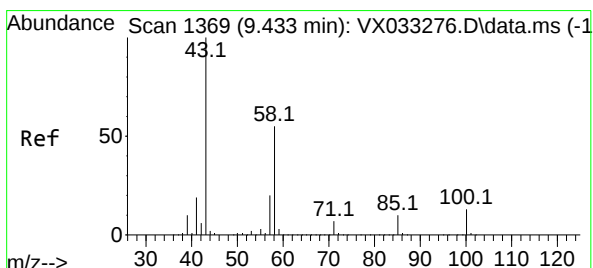
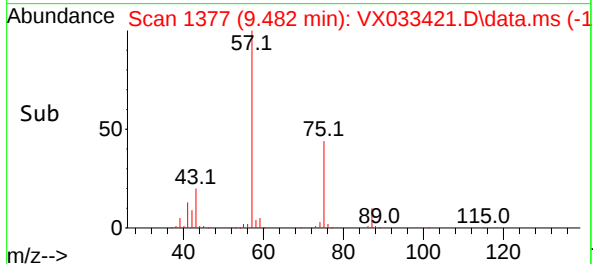
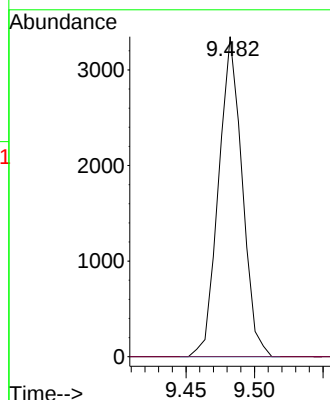
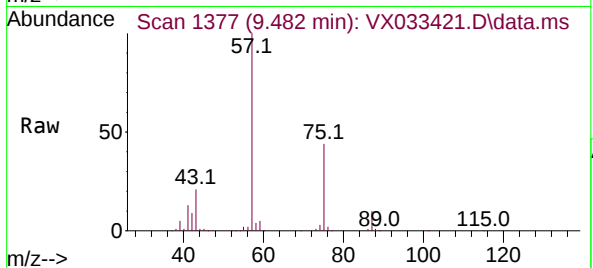
PB149591ZHE#02

Tgt Ion: 76 Resp: 4004

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 40.649 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033421.D

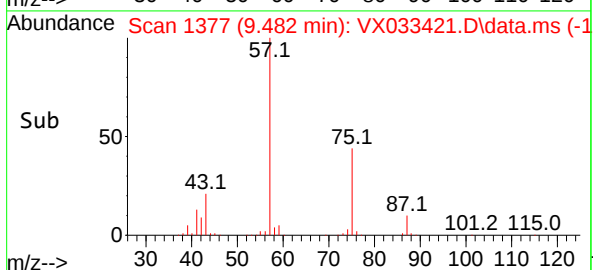
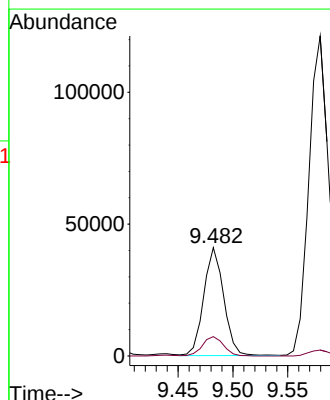
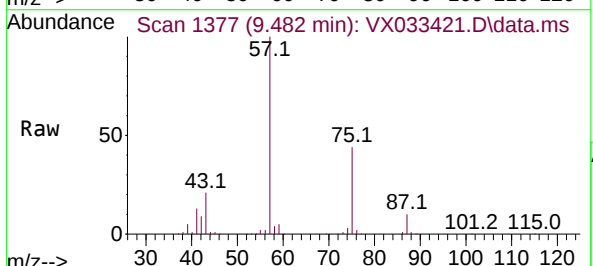
Acq: 14 Dec 2022 15:53

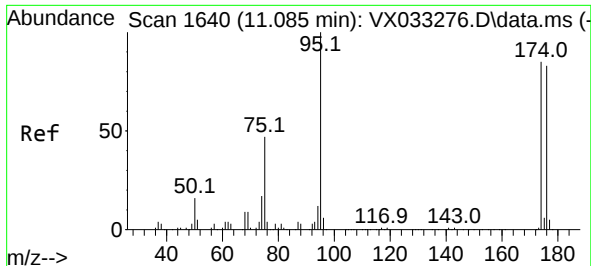
Tgt Ion: 43 Resp: 51730

Ion Ratio Lower Upper

43 100

58 19.0 26.5 79.5#

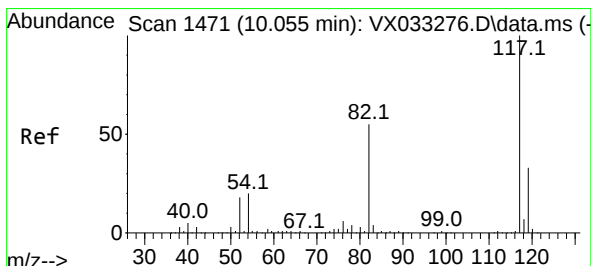
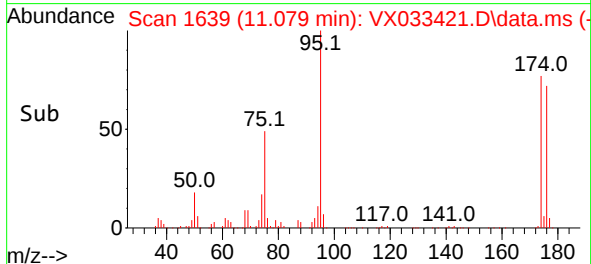
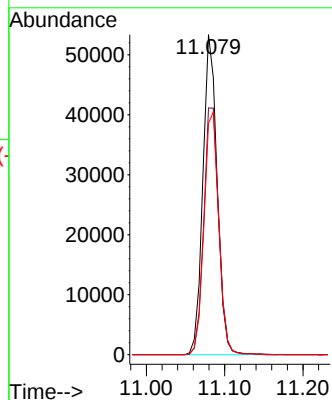
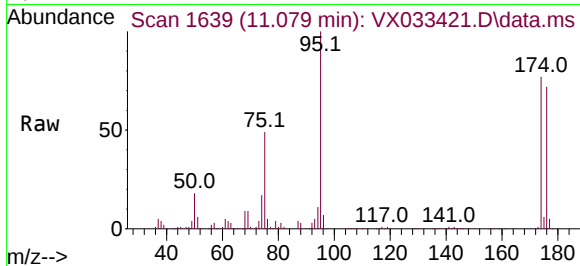




#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

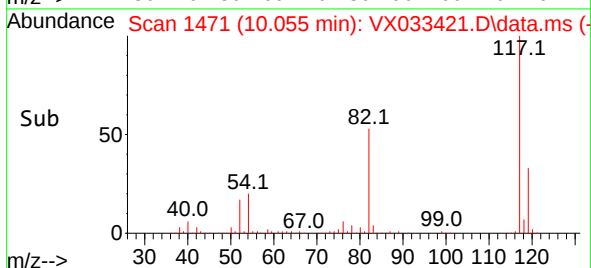
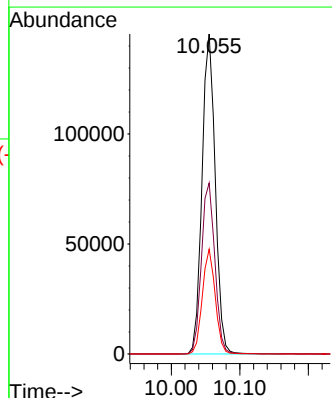
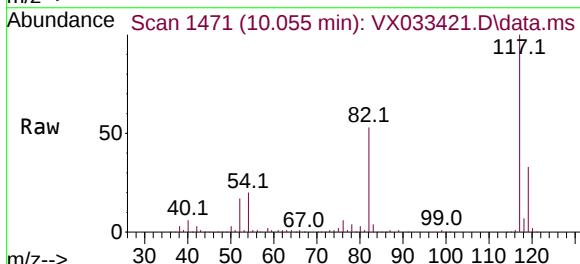
Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

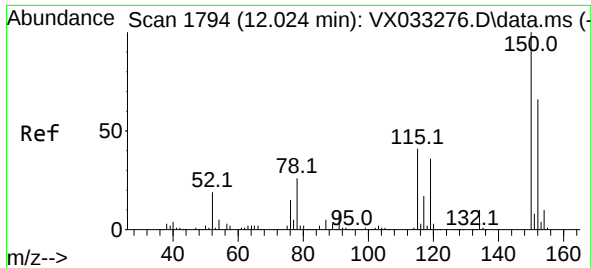
Tgt Ion: 95 Resp: 67378
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 117 Resp: 195380
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.8 25.7 38.5

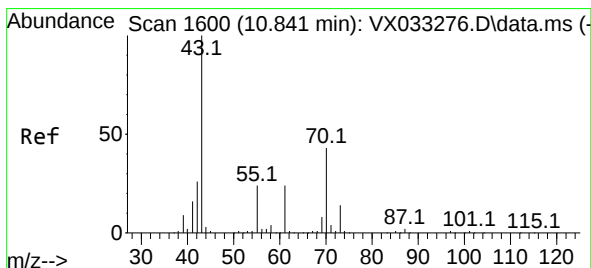
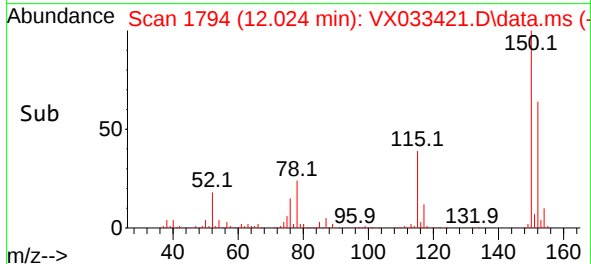
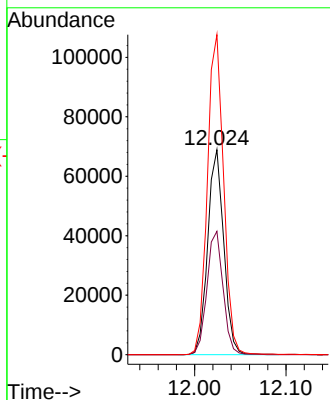
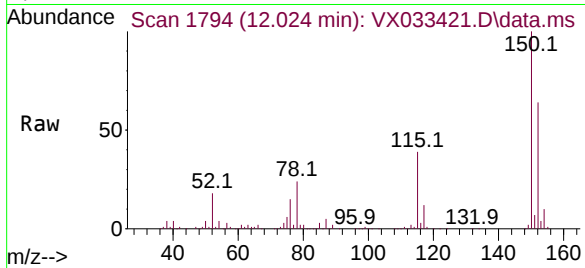




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX033421.D
 Acq: 14 Dec 2022 15:53

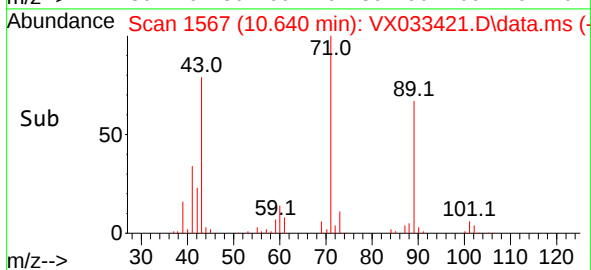
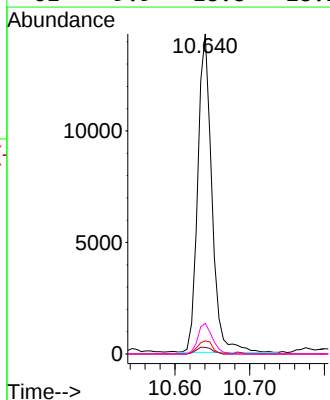
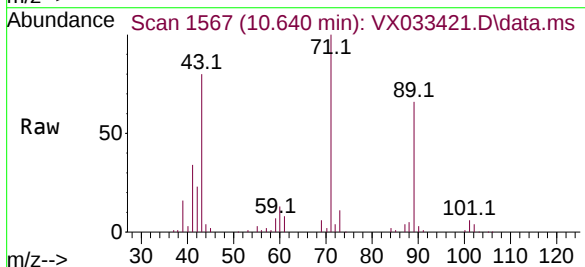
Instrument :
 MSVOA_X
 ClientSampleId :
 PB149591ZHE#02

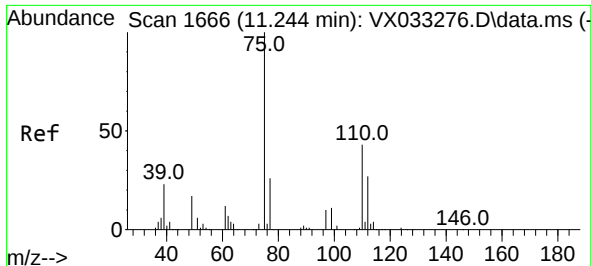
Tgt Ion:152 Resp: 83881
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 157.7 0.0 351.8



#74
 N-ethyl acetate
 Concen: 8.993 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.201 min
 Lab File: VX033421.D
 Acq: 14 Dec 2022 15:53

Tgt Ion: 43 Resp: 18654
 Ion Ratio Lower Upper
 43 100
 70 2.4 33.6 50.4#
 55 4.3 19.4 29.2#
 61 9.9 18.8 28.2#

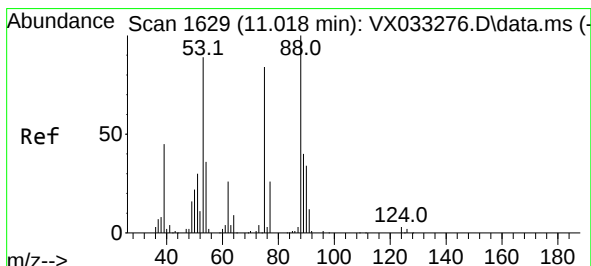
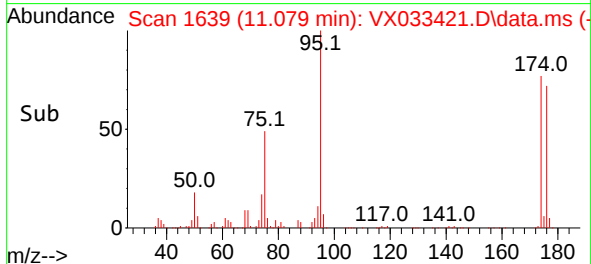
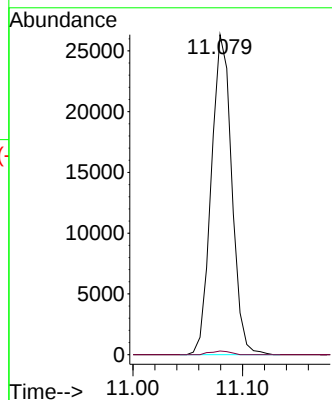
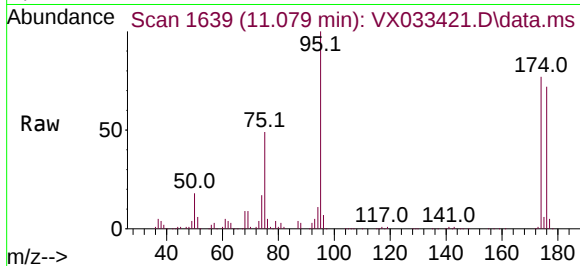




#76
1,2,3-Trichloropropane
Concen: 20.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
PB149591ZHE#02

Tgt Ion: 75 Resp: 34180
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033421.D
Acq: 14 Dec 2022 15:53

Tgt Ion: 75 Resp: 34180
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

