

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043336.D
 Acq On : 09 Oct 2024 13:59
 Operator : JC/MD
 Sample : PB163972ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163972ZHE#05

Quant Time: Oct 10 01:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

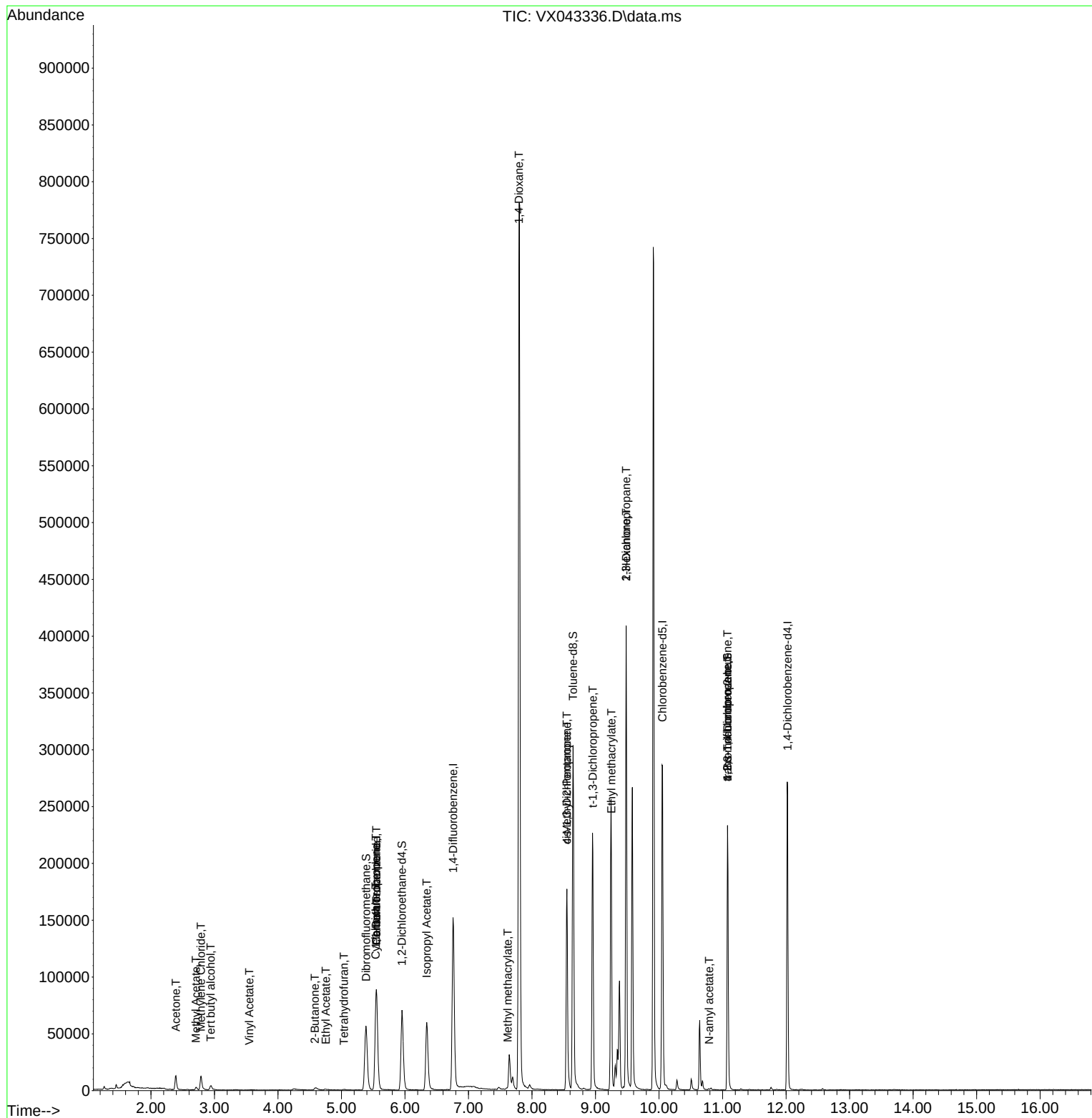
Internal Standards						
1) Pentafluorobenzene	5.550	168	80888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69098	52.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	5.385	113	48977	46.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.980%			
50) Toluene-d8	8.647	98	177359	49.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.200%			
62) 4-Bromofluorobenzene	11.079	95	62158	47.366	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	2452	9.754	ug/l #	71
16) Acetone	2.392	43	15138	27.440	ug/l	96
18) Methyl Acetate	2.709	43	3221	2.327	ug/l	100
20) Methylene Chloride	2.788	84	6447	6.338	ug/l	98
23) Vinyl Acetate	3.550	43	68	6.359	ug/l #	71
25) 2-Butanone	4.580	43	4141	5.474	ug/l	96
29) Tetrahydrofuran	5.038	42	355	0.737	ug/l #	45
31) Cyclohexane	5.538	56	1969	1.381	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6945	5.274	ug/l #	47
37) Ethyl Acetate	4.751	43	1700	1.075	ug/l #	79
38) Carbon Tetrachloride	5.550	117	8775	5.629	ug/l #	15
43) Isopropyl Acetate	6.342	43	84879	32.496	ug/l	99
48) Methyl methacrylate	7.616	41	2358	1.840	ug/l #	13
49) 1,4-Dioxane	7.793	88	57	2.288	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	65441	41.252	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	444	0.289	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27882	16.949	ug/l #	58
56) Ethyl methacrylate	9.250	69	541	0.333	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3398	2.006	ug/l #	43
59) 2-Hexanone	9.482	43	51259	42.729	ug/l #	53
74) N-amyl acetate	10.787	43	526	0.256	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	34722	28.123	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34722	72.885	ug/l #	8

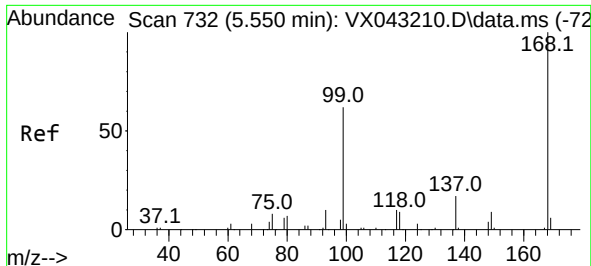
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 10 01:31:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

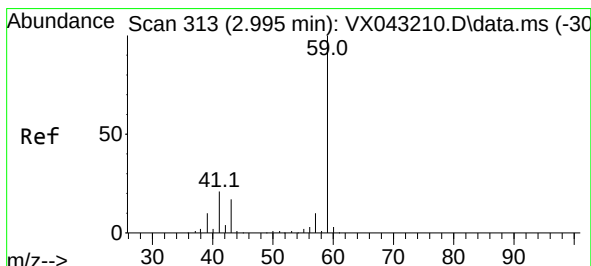
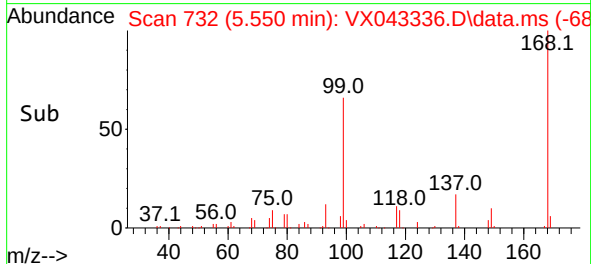
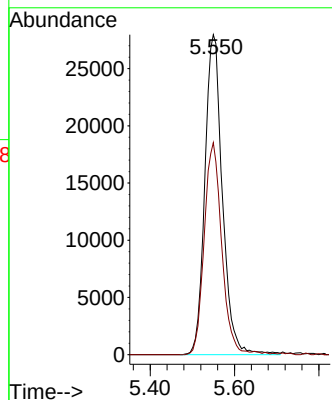
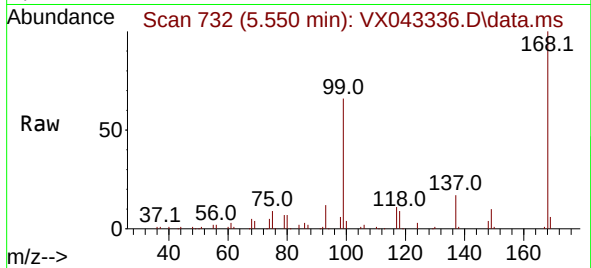




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

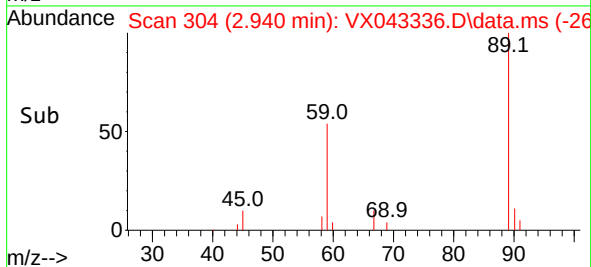
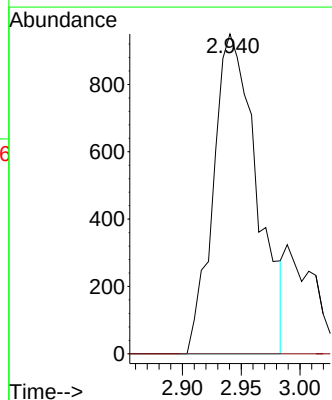
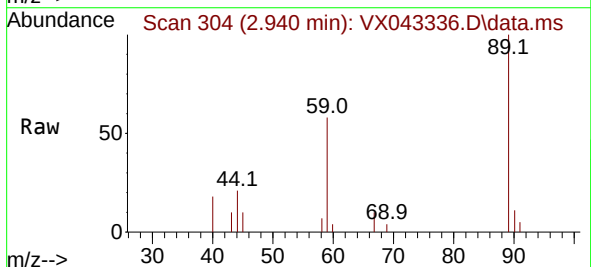
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

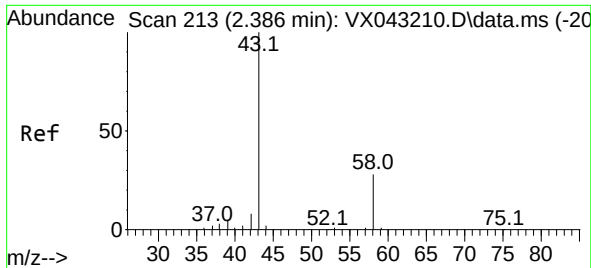
Tgt Ion:168 Resp: 80888
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#11
Tert butyl alcohol
Concen: 9.754 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 59 Resp: 2452
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

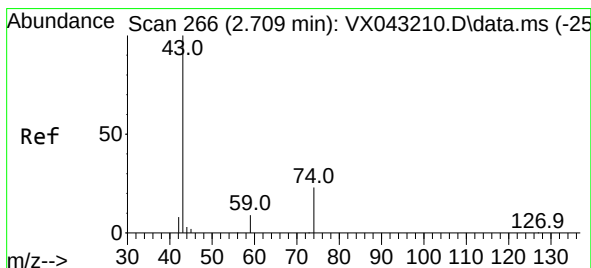
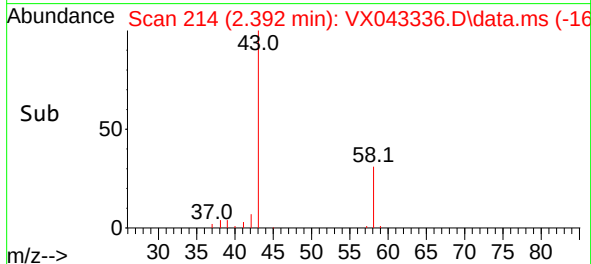
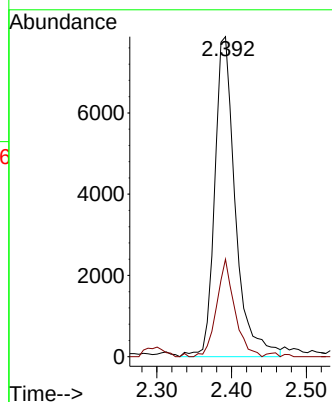
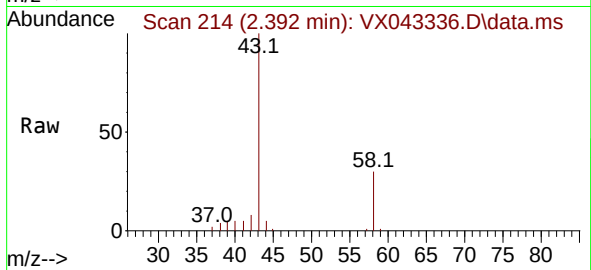




#16
Acetone
Concen: 27.440 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

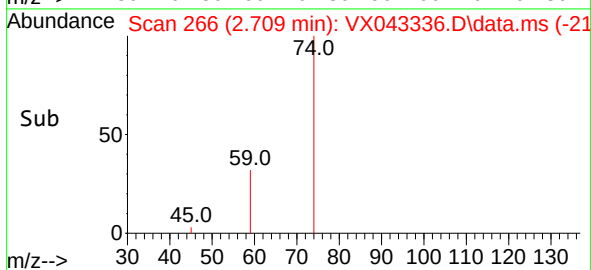
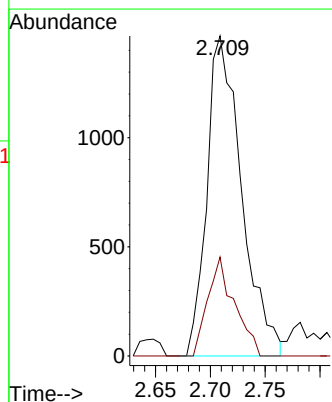
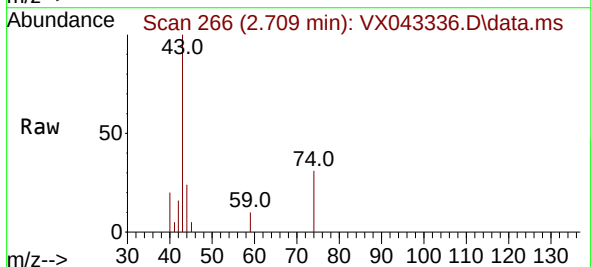
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

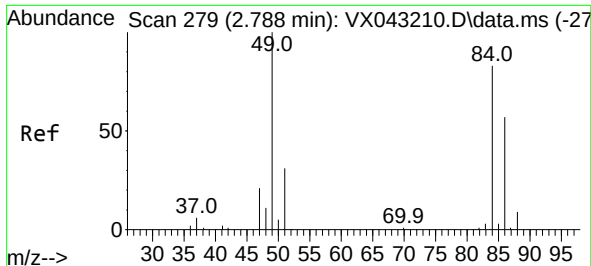
Tgt Ion: 43 Resp: 15138
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



#18
Methyl Acetate
Concen: 2.327 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 43 Resp: 3221
Ion Ratio Lower Upper
43 100
74 23.8 19.1 28.7

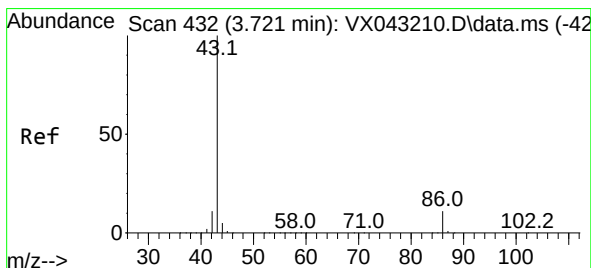
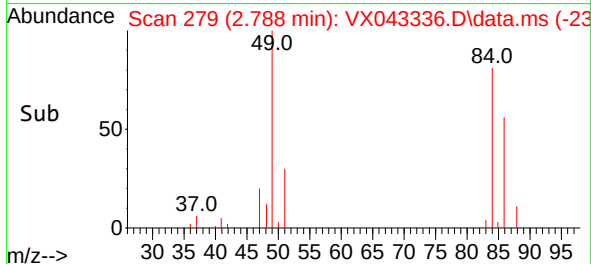
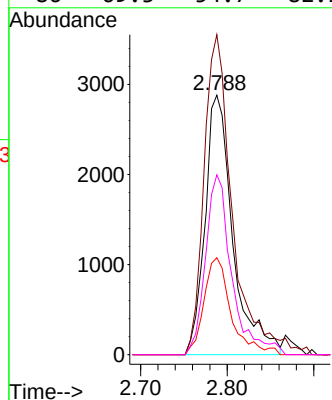
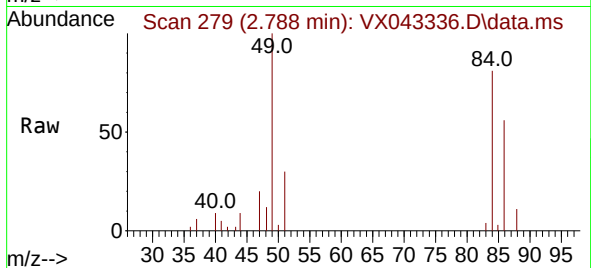




#20
Methylene Chloride
Concen: 6.338 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

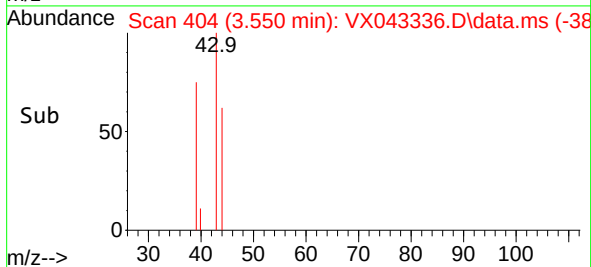
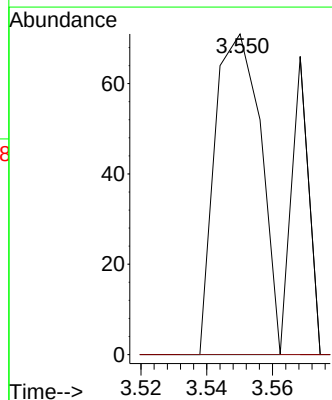
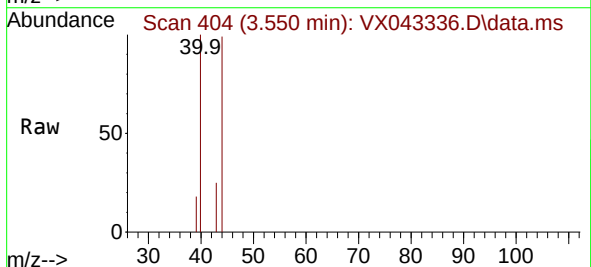
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

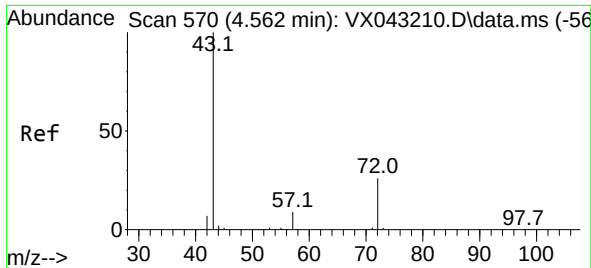
Tgt Ion:	84	Resp:	6447
Ion	Ratio	Lower	Upper
84	100		
49	123.3	96.7	145.1
51	37.3	30.4	45.6
86	69.3	54.7	82.1



#23
Vinyl Acetate
Concen: 6.359 ug/l
RT: 3.550 min Scan# 404
Delta R.T. -0.171 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion:	43	Resp:	68
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

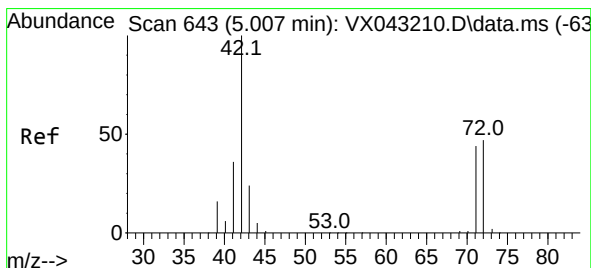
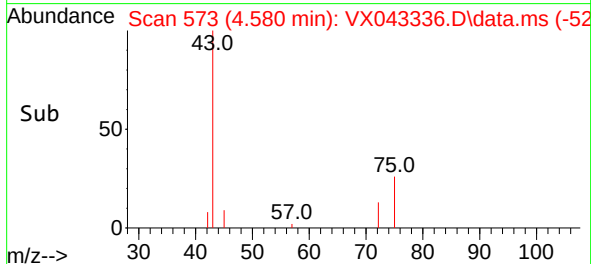
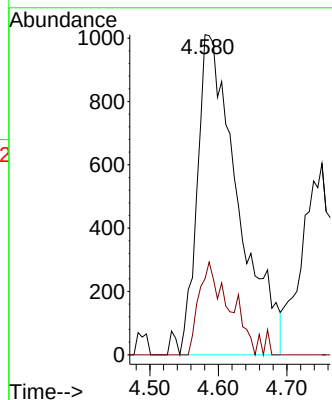
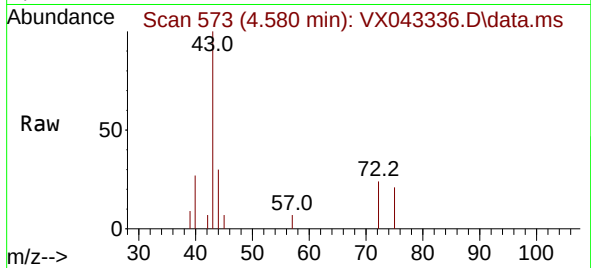




#25
2-Butanone
Concen: 5.474 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

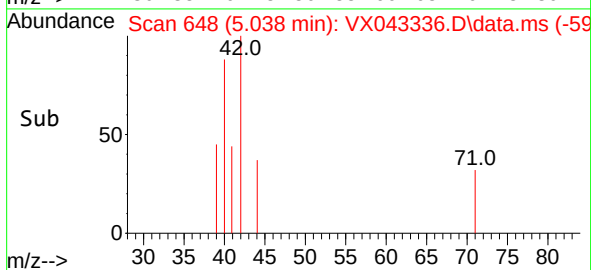
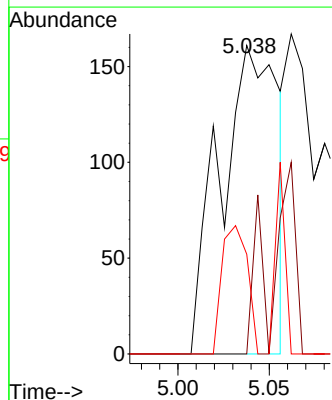
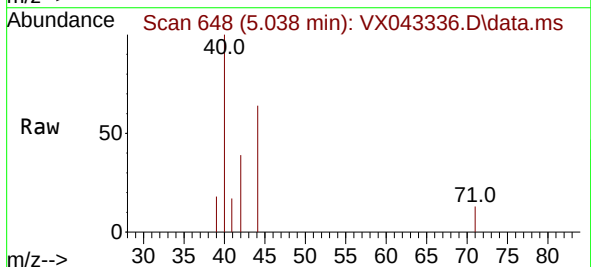
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

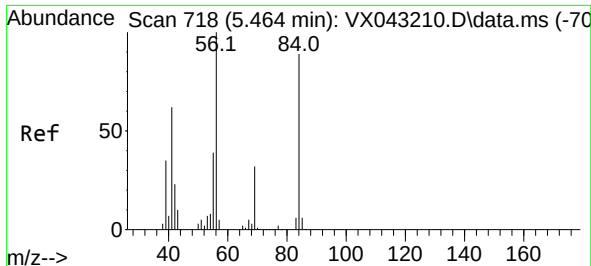
Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
72 23.7 20.6 31.0



#29
Tetrahydrofuran
Concen: 0.737 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.030 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

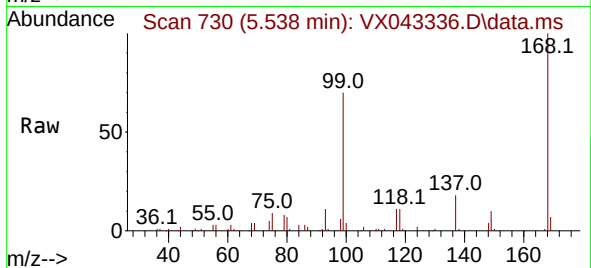
Tgt Ion: 42 Resp: 355
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 18.3 34.6 52.0#



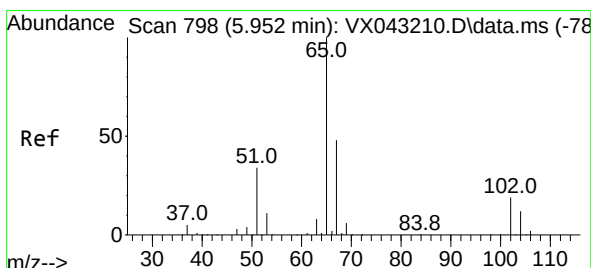
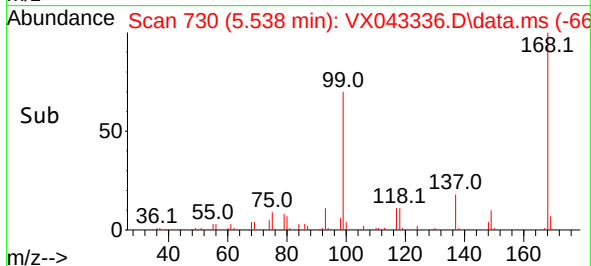
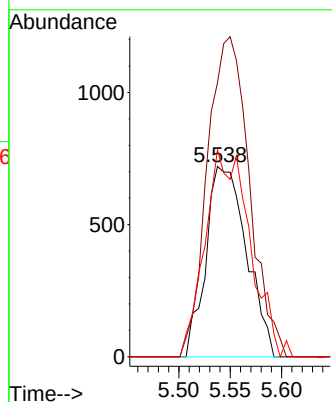


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

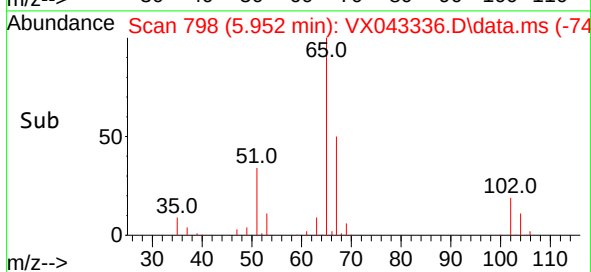
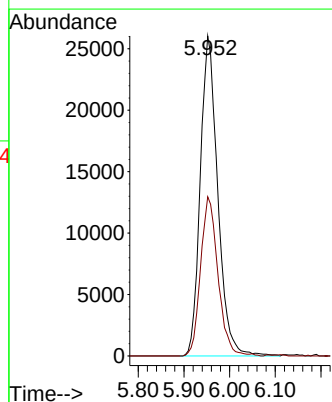
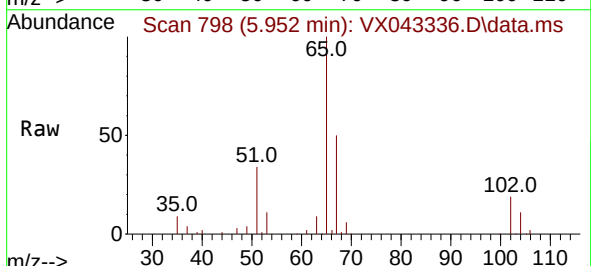


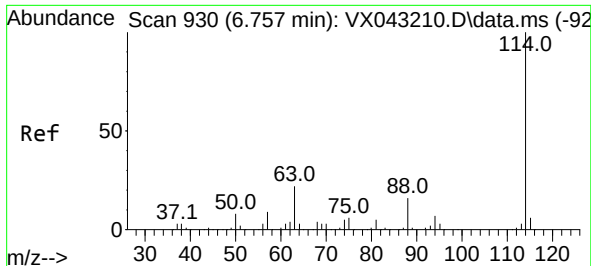
Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 144.0 25.8 38.6#
84 108.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.306 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 65 Resp: 69098
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

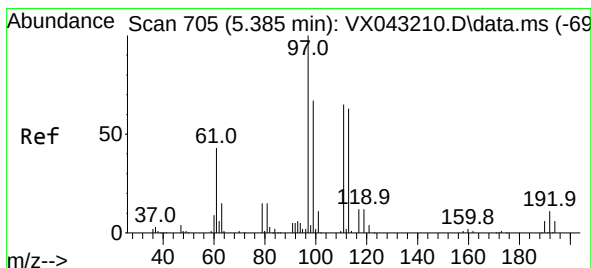
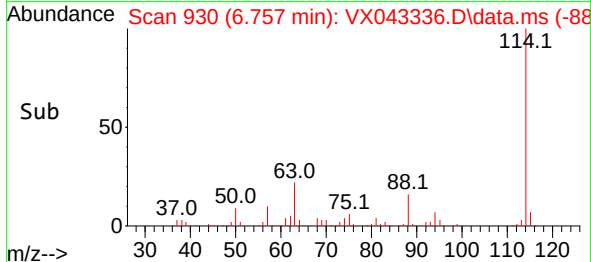
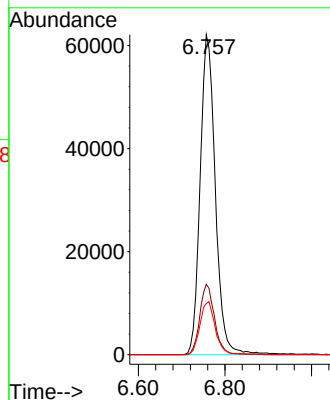
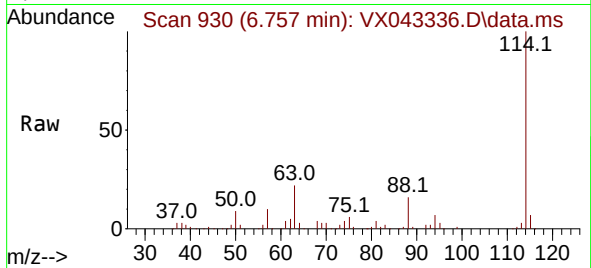




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

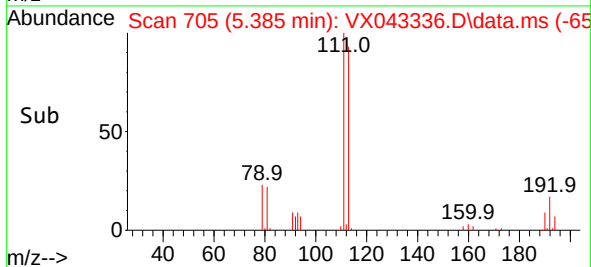
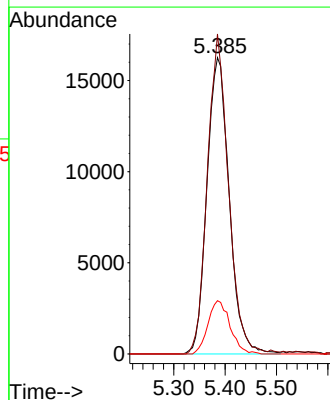
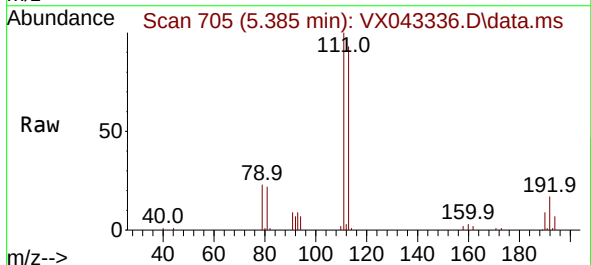
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

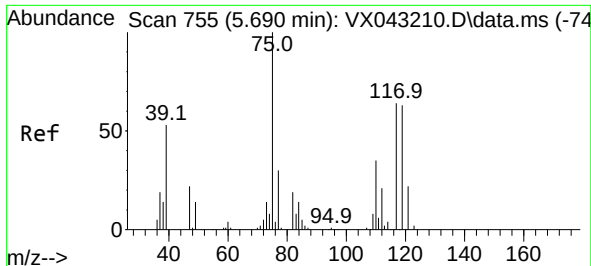
Tgt Ion:114 Resp: 151145
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.0
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion:113 Resp: 48977
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 17.8 14.1 21.1

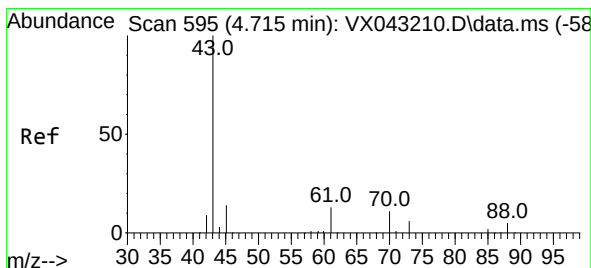
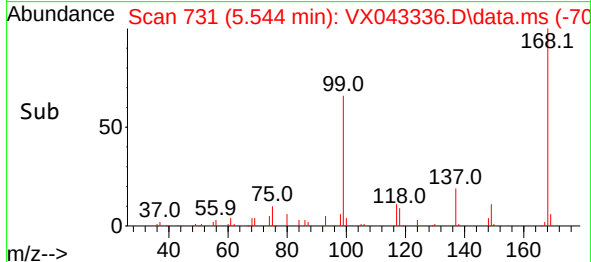
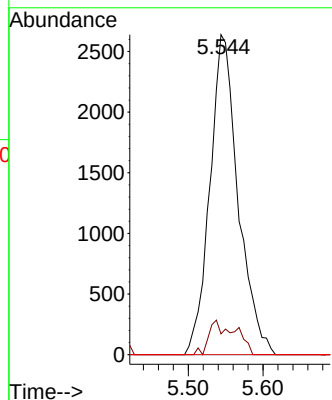
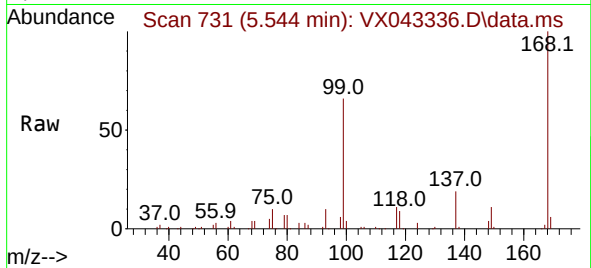




#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

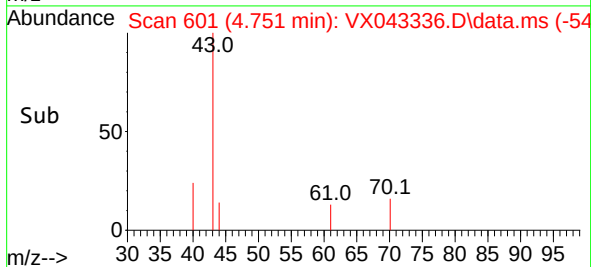
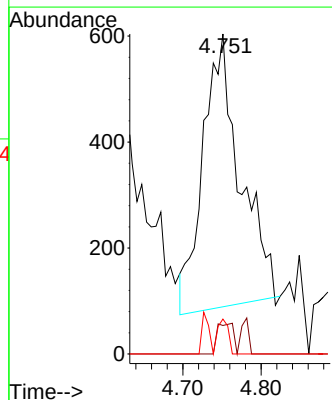
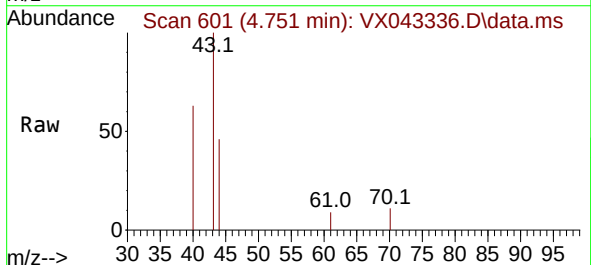
Instrument :
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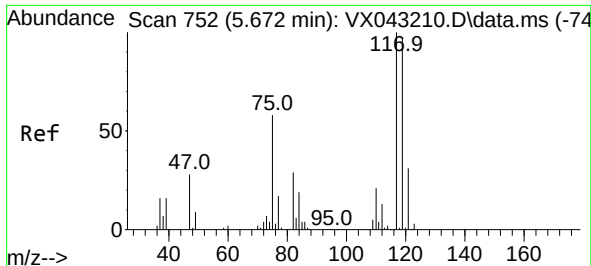
Tgt Ion: 75 Resp: 6945
Ion Ratio Lower Upper
75 100
110 6.7 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.075 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.037 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

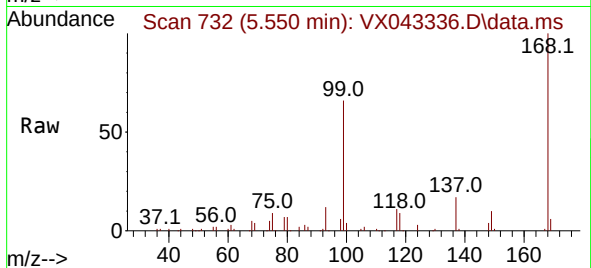
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
61 4.8 11.0 16.4#
70 3.7 8.9 13.3#



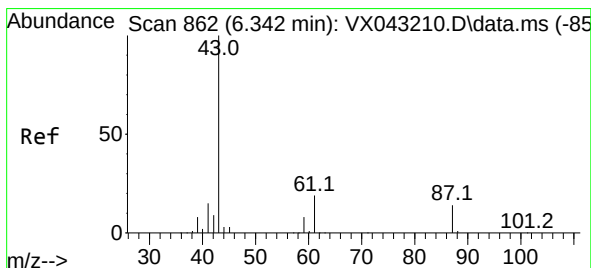
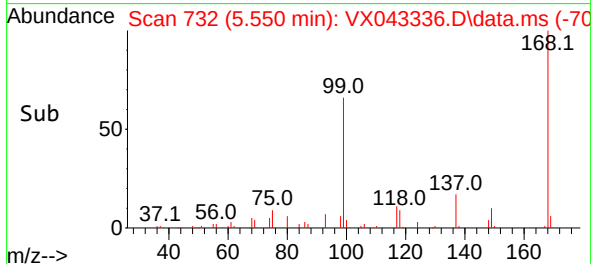
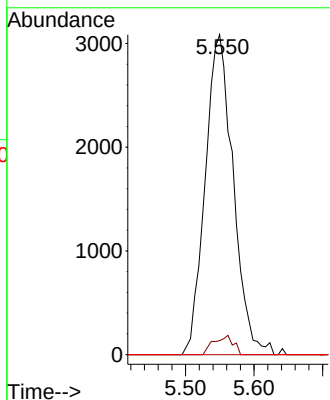


#38
Carbon Tetrachloride
Concen: 5.629 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

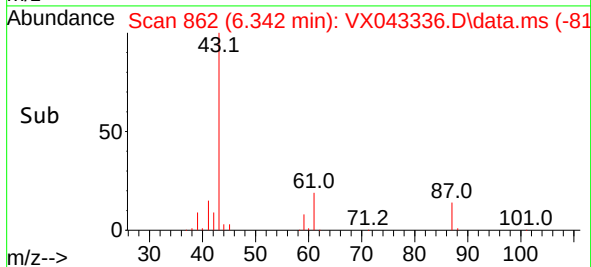
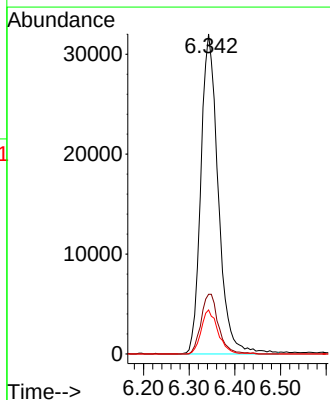
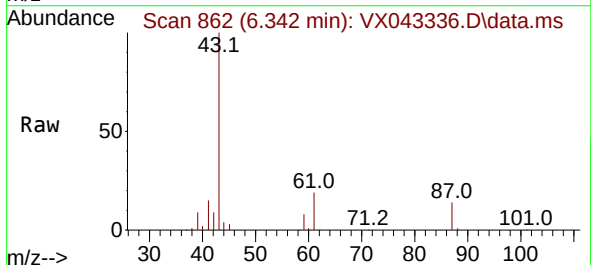


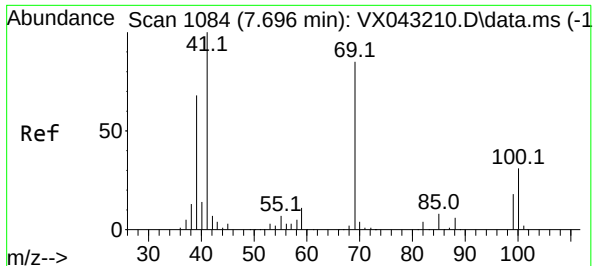
Tgt Ion:117 Resp: 8775
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 32.496 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 43 Resp: 84879
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 13.2 10.8 16.2





#48

Methyl methacrylate

Concen: 1.840 ug/l

RT: 7.616 min Scan# 1100

Delta R.T. -0.079 min

Lab File: VX043336.D

Acq: 09 Oct 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

PB163972ZHE#05

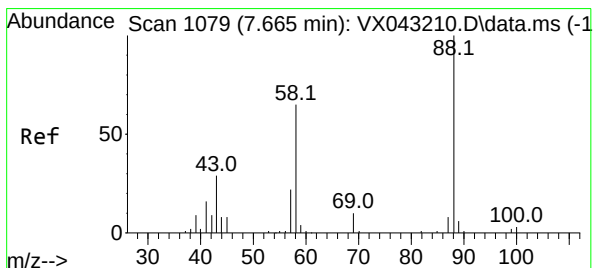
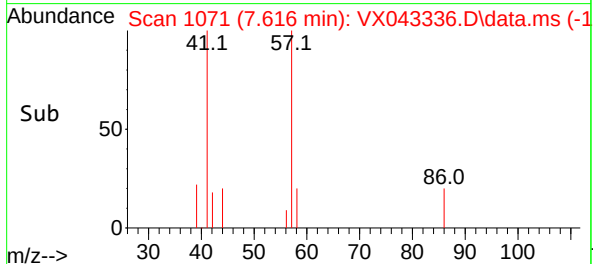
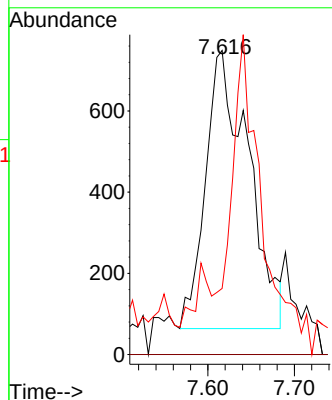
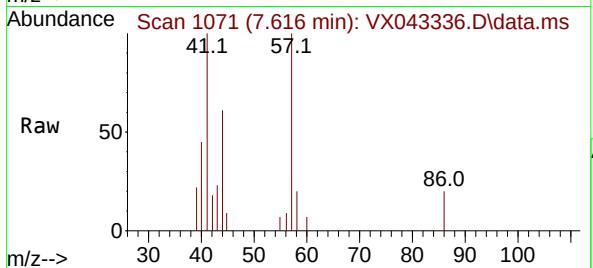
Tgt Ion: 41 Resp: 2358

Ion Ratio Lower Upper

41 100

69 0.0 64.1 96.1#

39 0.0 52.8 79.2#



#49

1,4-Dioxane

Concen: 2.288 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX043336.D

Acq: 09 Oct 2024 13:59

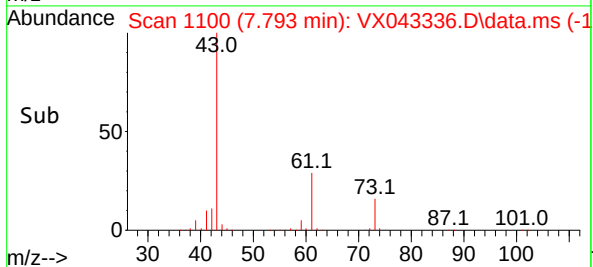
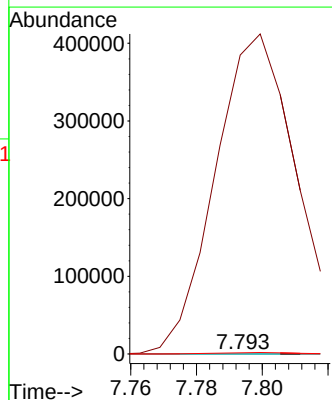
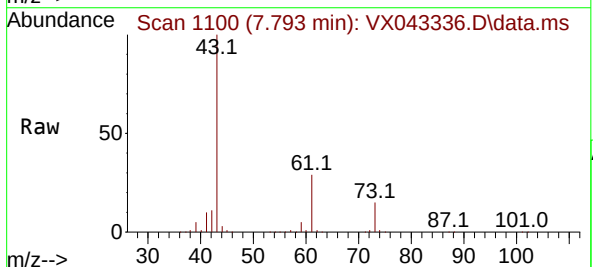
Tgt Ion: 88 Resp: 57

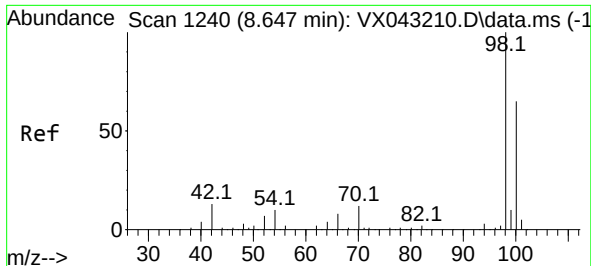
Ion Ratio Lower Upper

88 100

43 1288168.4 29.5 44.3#

58 5226.3 55.2 82.8#

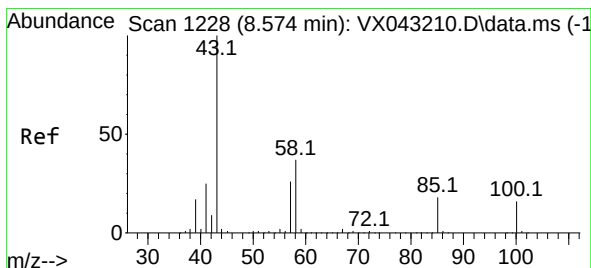
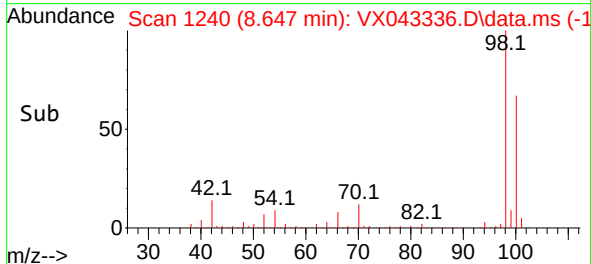
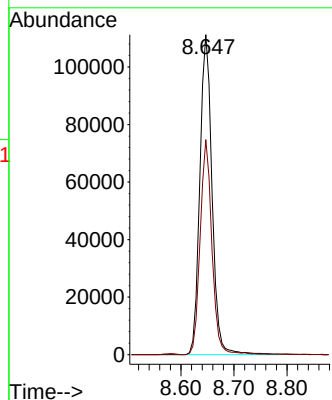
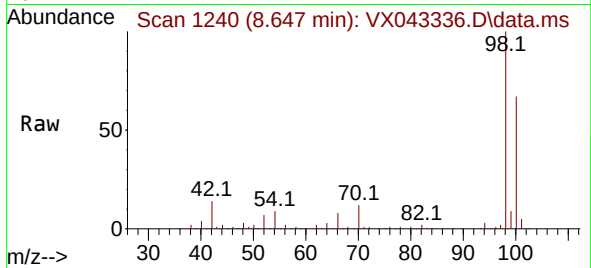




#50
Toluene-d8
Concen: 49.099 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

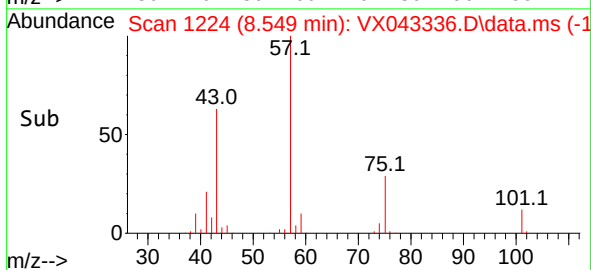
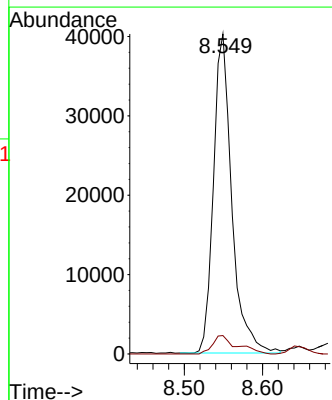
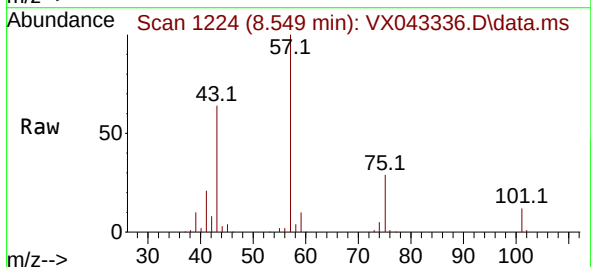
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

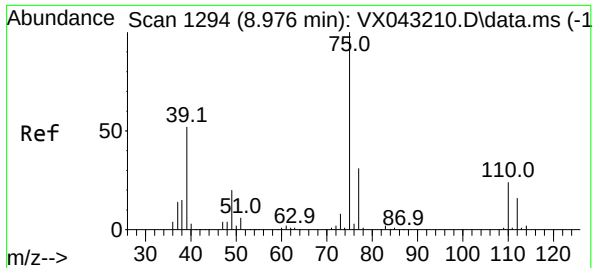
Tgt Ion: 98 Resp: 177359
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 41.252 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 43 Resp: 65441
Ion Ratio Lower Upper
43 100
58 7.7 30.0 45.0#

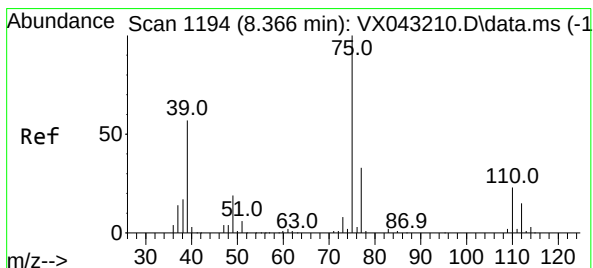
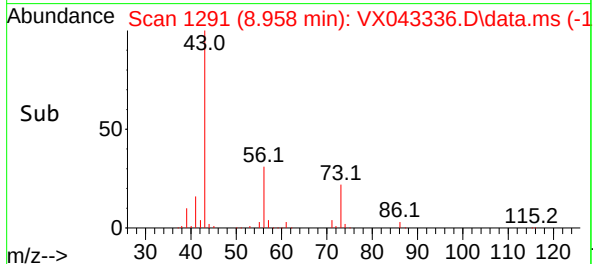
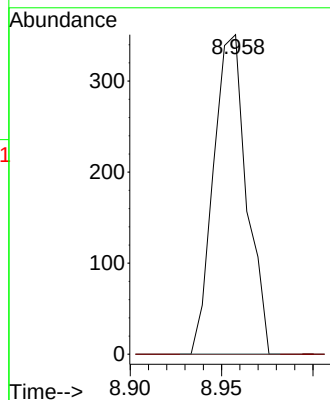
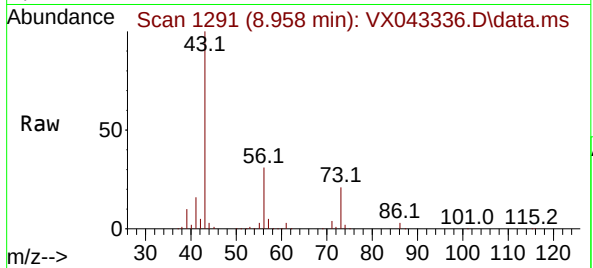




#53
t-1,3-Dichloropropene
Concen: 0.289 ug/l
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

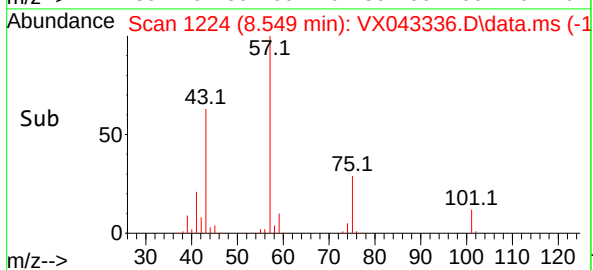
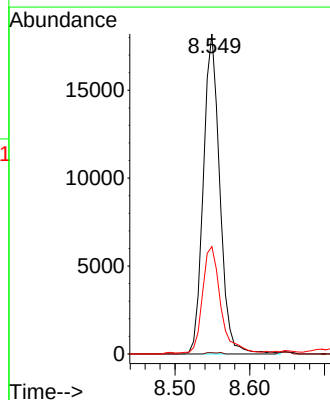
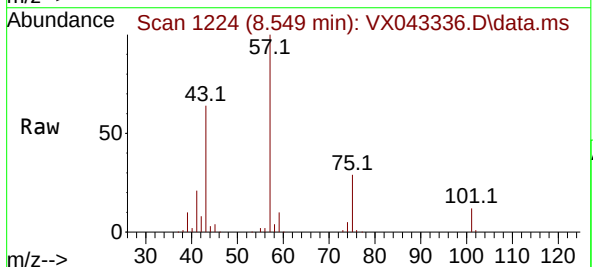
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

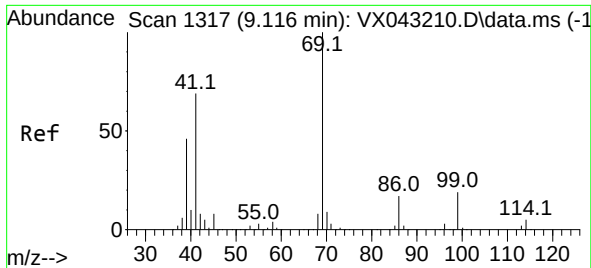
Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 16.949 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 75 Resp: 27882
Ion Ratio Lower Upper
75 100
77 0.4 26.0 39.0#
39 33.2 45.8 68.8#

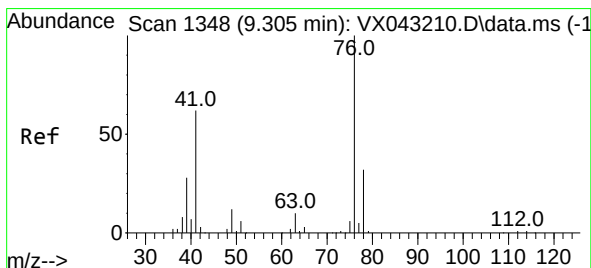
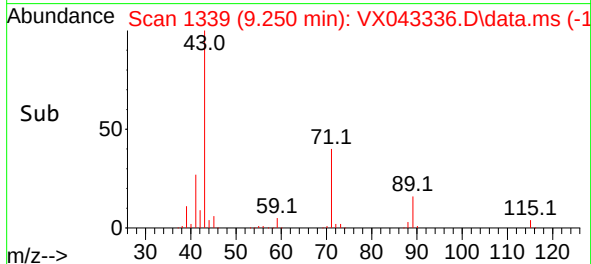
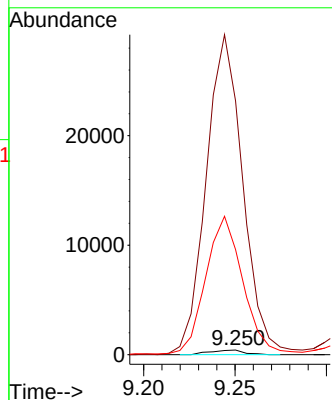
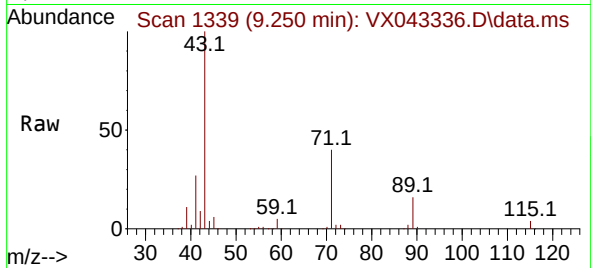




#56
Ethyl methacrylate
Concen: 0.333 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

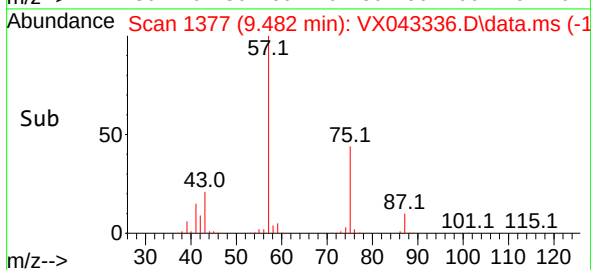
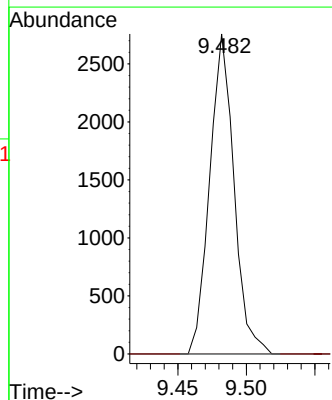
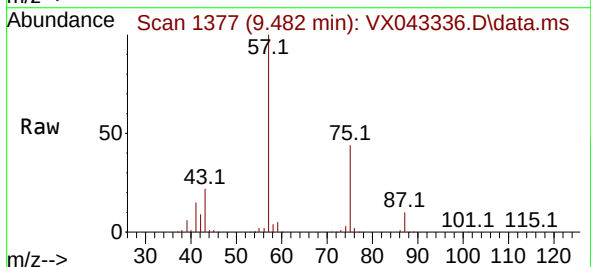
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

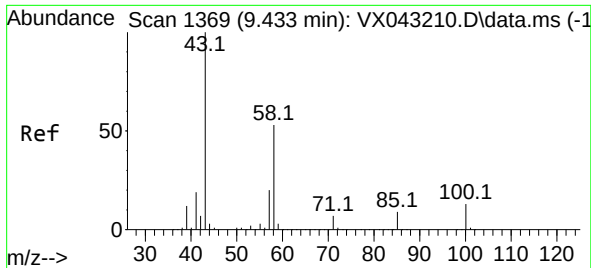
Tgt Ion: 69 Resp: 541
Ion Ratio Lower Upper
69 100
41 7593.7 56.1 84.1#
39 3352.3 36.4 54.6#



#57
1,3-Dichloropropane
Concen: 2.006 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 76 Resp: 3398
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

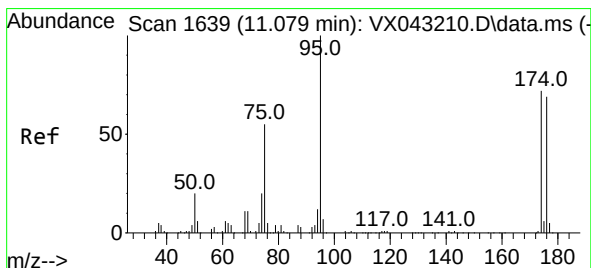
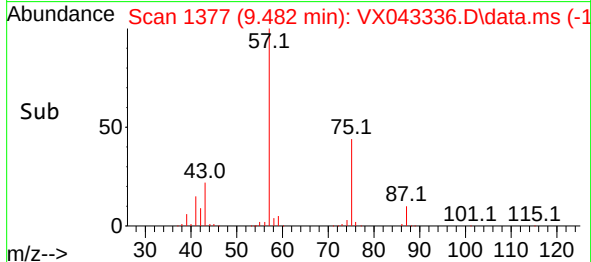
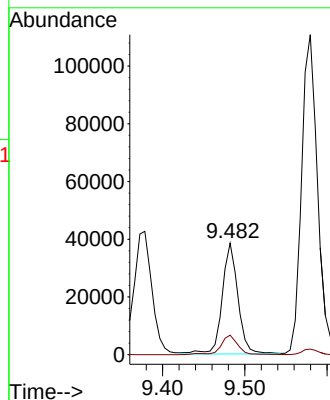
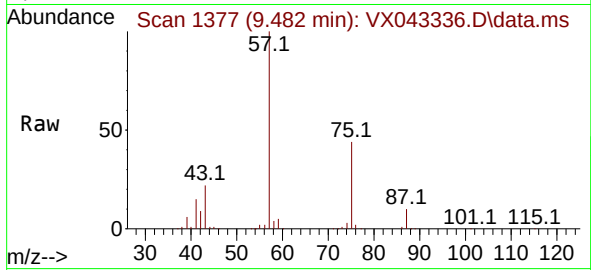




#59
2-Hexanone
Concen: 42.729 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

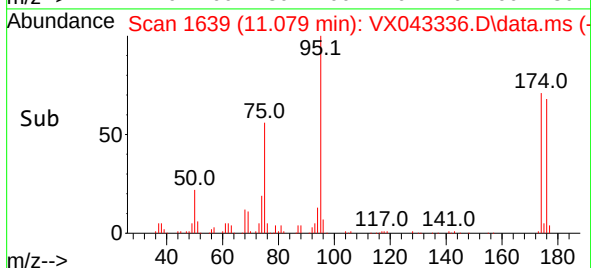
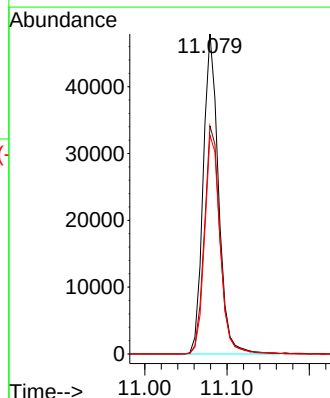
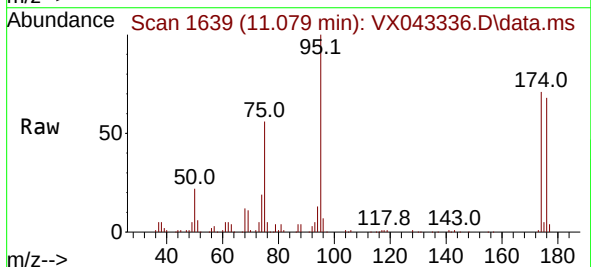
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

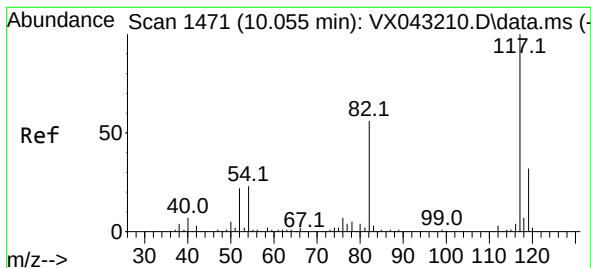
Tgt Ion: 43 Resp: 51259
Ion Ratio Lower Upper
43 100
58 19.1 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 47.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 95 Resp: 62158
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 69.6 0.0 143.0

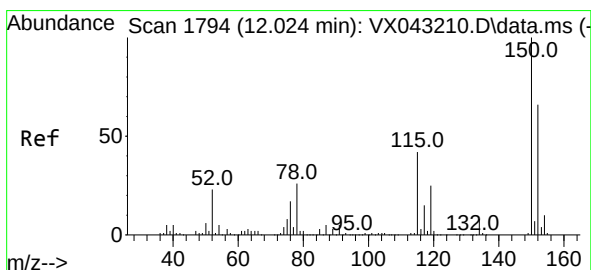
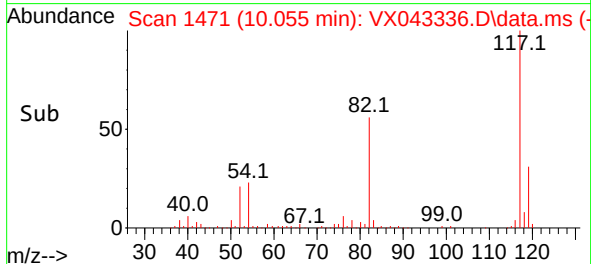
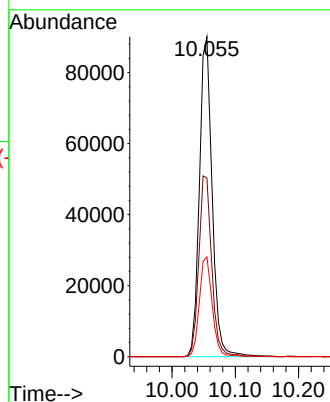
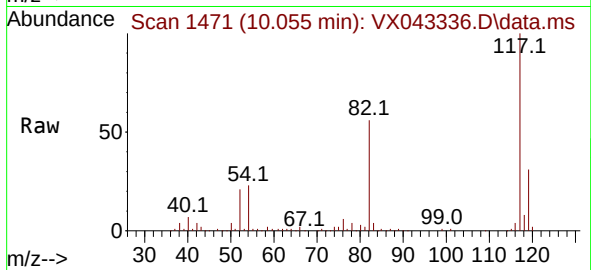




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

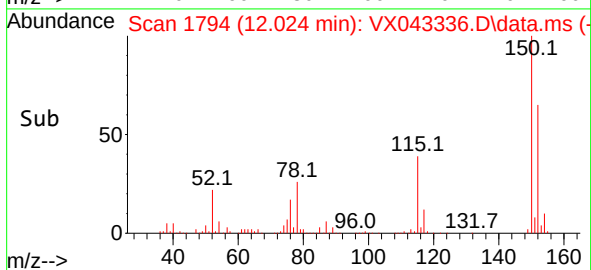
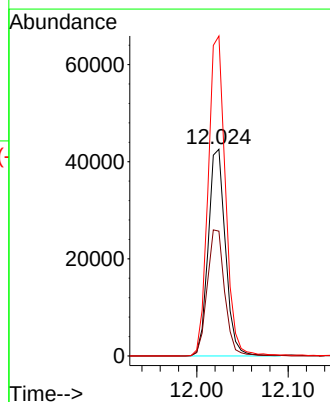
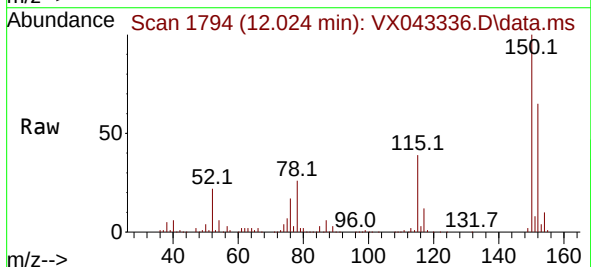
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

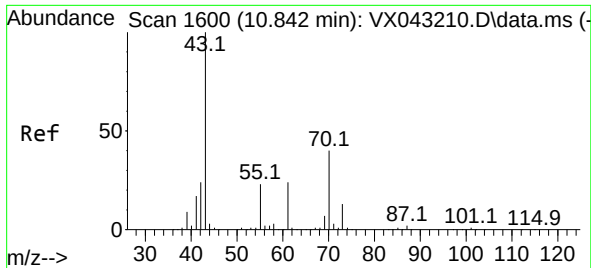
Tgt Ion:117 Resp: 126512
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion:152 Resp: 55662
Ion Ratio Lower Upper
152 100
115 61.9 44.1 132.3
150 155.9 0.0 347.4

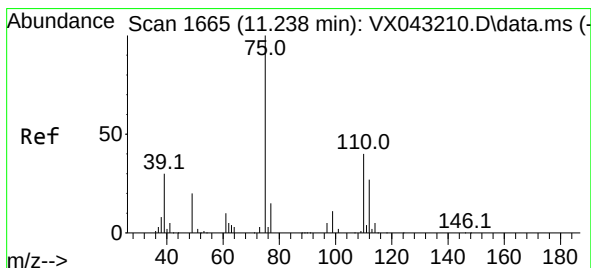
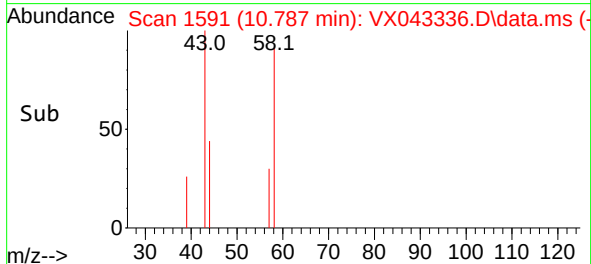
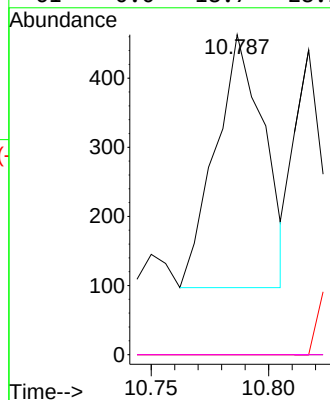
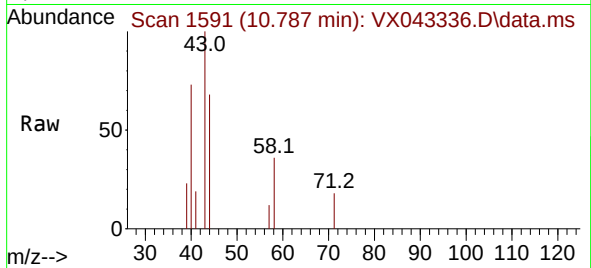




#74
N-amy1 acetate
Concen: 0.256 ug/l
RT: 10.787 min Scan# 1639
Delta R.T. -0.055 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

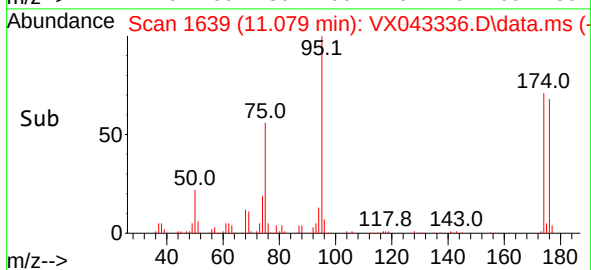
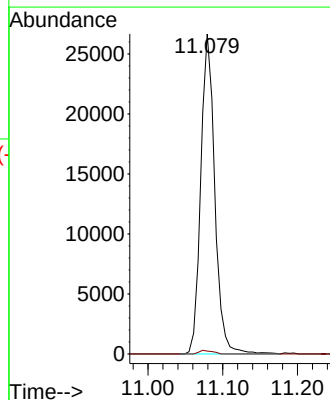
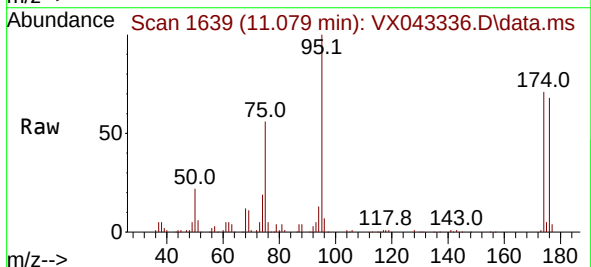
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#05

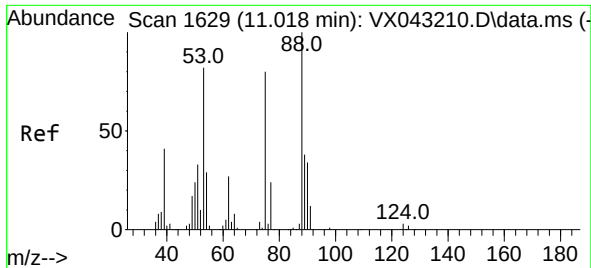
Tgt Ion: 43	Resp: 526
Ion Ratio	Lower Upper
43 100	
70 0.0	33.1 49.7#
55 0.0	18.6 27.8#
61 0.0	18.7 28.1#



#76
1,2,3-Trichloropropane
Concen: 28.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043336.D
Acq: 09 Oct 2024 13:59

Tgt Ion: 75	Resp: 34722
Ion Ratio	Lower Upper
75 100	
77 1.1	22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.885 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043336.D
 Acq: 09 Oct 2024 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163972ZHE#05

Tgt Ion: 75 Resp: 34722
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

