

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043226.D
 Acq On : 02 Oct 2024 13:06
 Operator : JC/MD
 Sample : PB163826ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163826ZHE#05

Quant Time: Oct 02 23:01:42 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)

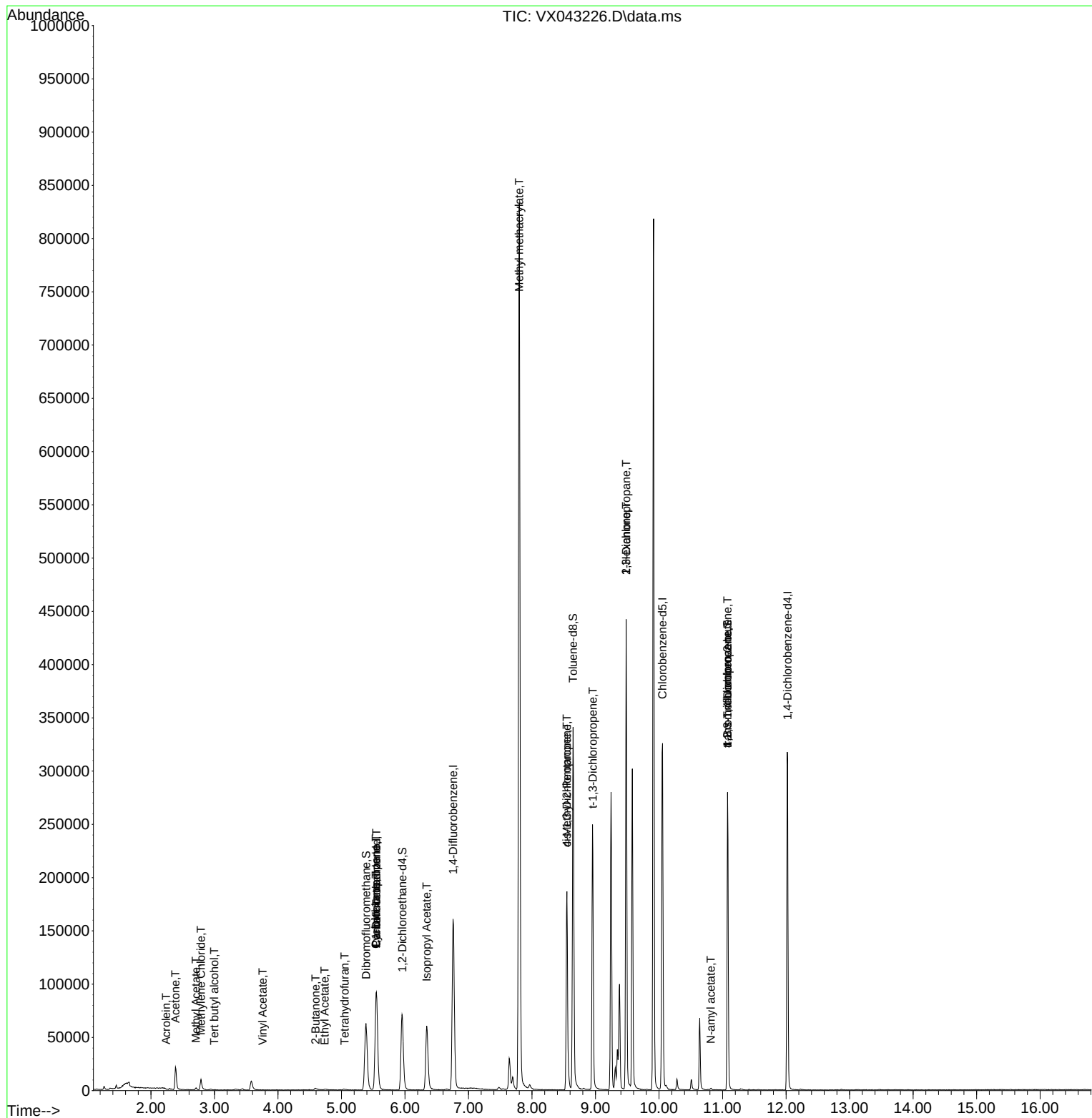
Internal Standards						
1) Pentafluorobenzene	5.550	168	84682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72319	52.292	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.580%	
35) Dibromofluoromethane	5.385	113	54761	48.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.860%	
50) Toluene-d8	8.647	98	196322	50.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	73818	52.395	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	202	0.768	ug/l #	71
13) Acrolein	2.239	56	116	0.467	ug/l #	73
16) Acetone	2.386	43	25067	43.403	ug/l	98
18) Methyl Acetate	2.709	43	2609	1.801	ug/l #	86
20) Methylene Chloride	2.788	84	4687	4.401	ug/l	97
23) Vinyl Acetate	3.757	43	79	6.362	ug/l #	71
25) 2-Butanone	4.593	43	4041	5.103	ug/l #	77
29) Tetrahydrofuran	5.050	42	654	1.296	ug/l #	77
31) Cyclohexane	5.544	56	2062	1.382	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7272	5.144	ug/l #	50
37) Ethyl Acetate	4.733	43	1619	0.954	ug/l #	74
38) Carbon Tetrachloride	5.550	117	9386	5.608	ug/l #	14
43) Isopropyl Acetate	6.342	43	85841	30.612	ug/l	99
48) Methyl methacrylate	7.799	41	74875	54.419	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	69009	40.519	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	564	0.343	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29206	16.536	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	3547	1.951	ug/l #	43
59) 2-Hexanone	9.482	43	52884	41.062	ug/l #	53
74) N-amyl acetate	10.817	43	555	0.228	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	40291	27.486	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	40291	71.235	ug/l #	8

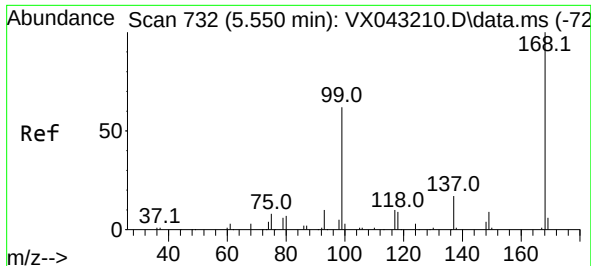
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
PB163826ZHE#05

Quant Time: Oct 02 23:01:42 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

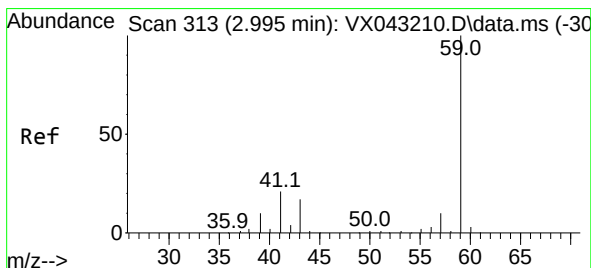
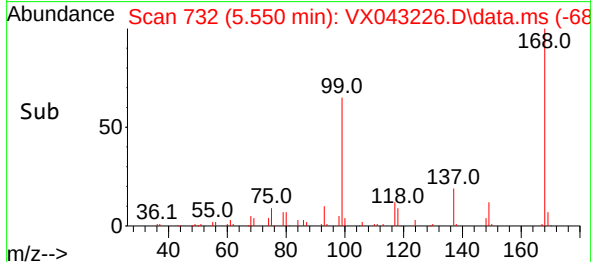
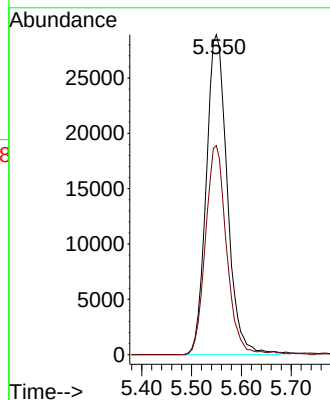
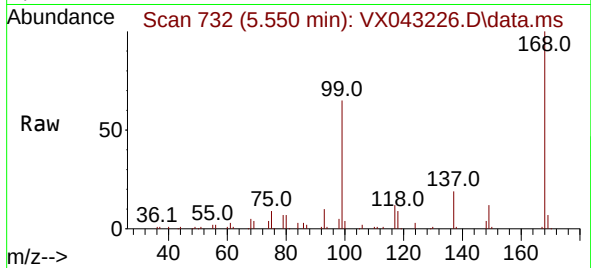




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

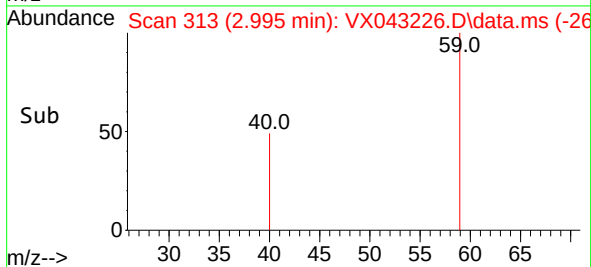
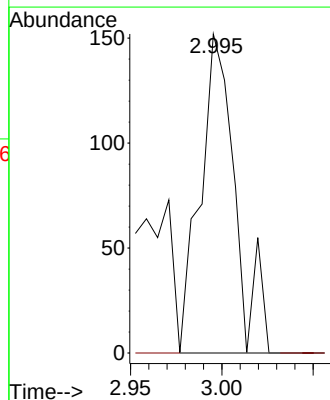
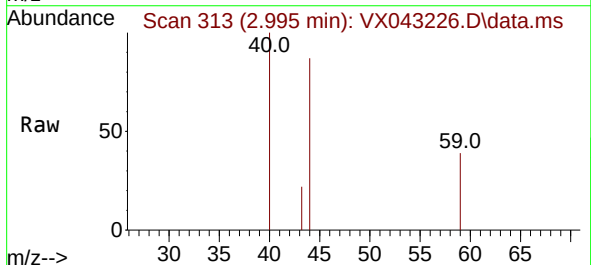
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

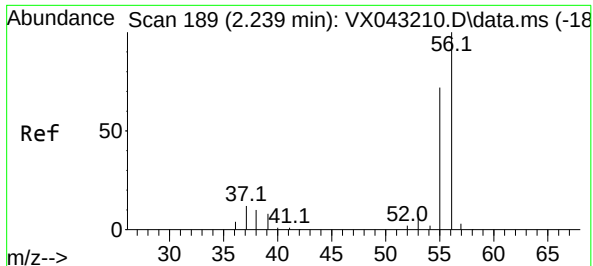
Tgt Ion:168 Resp: 84682
Ion Ratio Lower Upper
168 100
99 65.3 49.7 74.5



#11
Tert butyl alcohol
Concen: 0.768 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

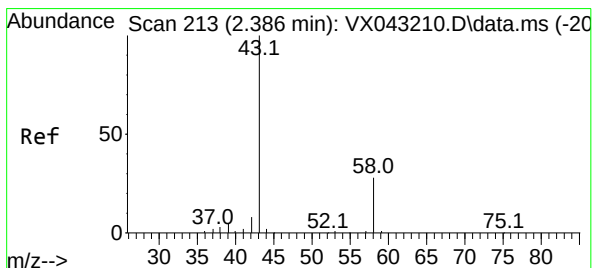
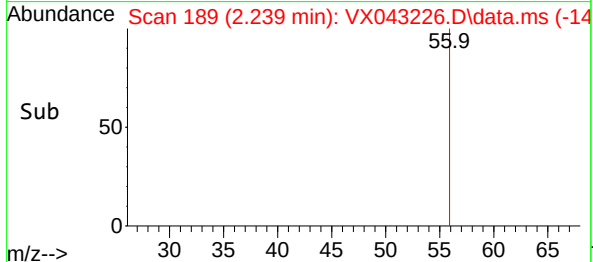
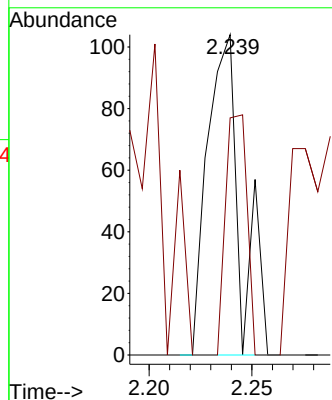
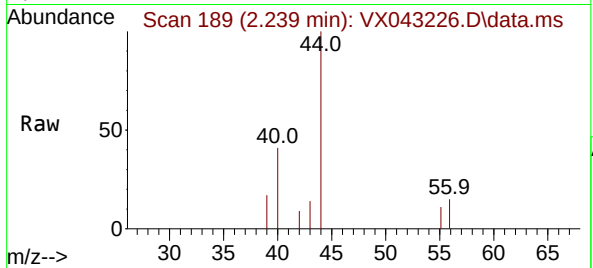




#13
Acrolein
Concen: 0.467 ug/l
RT: 2.239 min Scan# 116
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

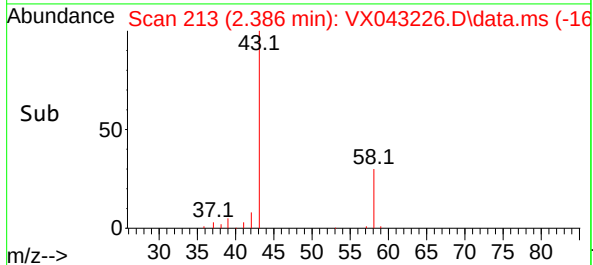
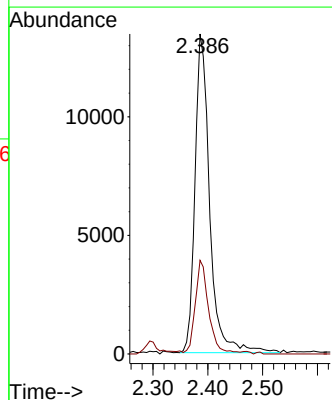
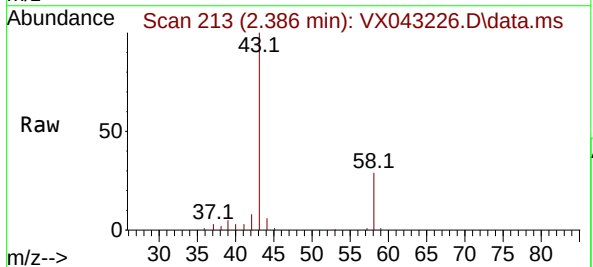
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

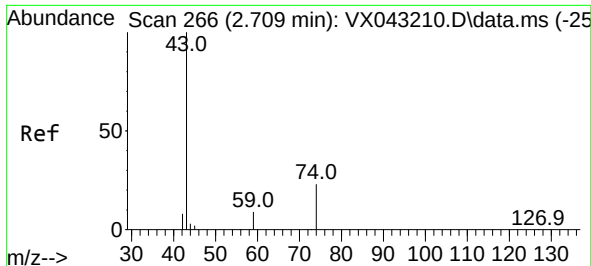
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 49.1 57.4 86.0#



#16
Acetone
Concen: 43.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 43 Resp: 25067
Ion Ratio Lower Upper
43 100
58 29.4 22.6 33.8

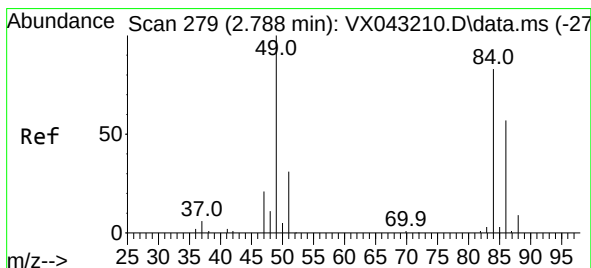
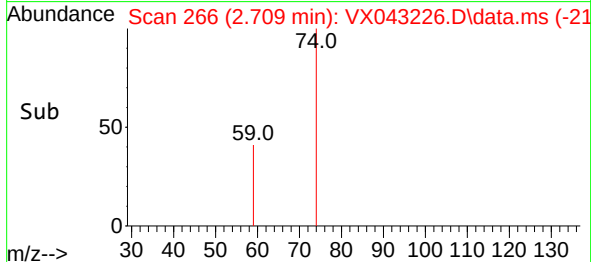
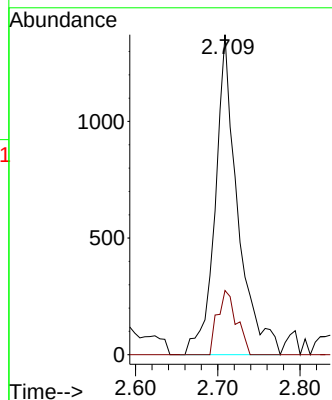
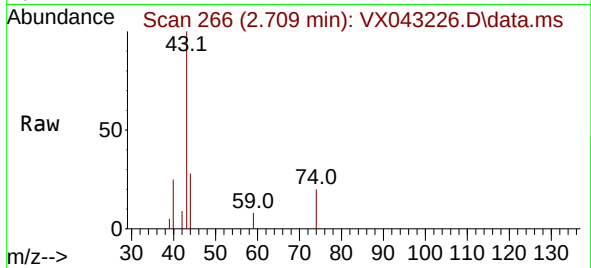




#18
Methyl Acetate
Concen: 1.801 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

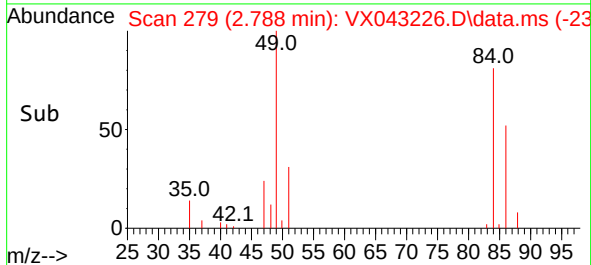
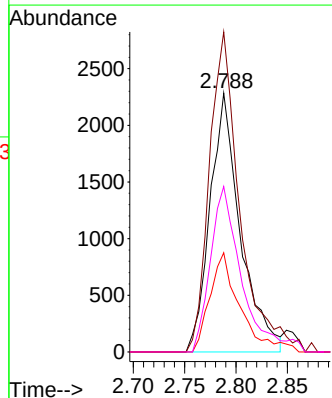
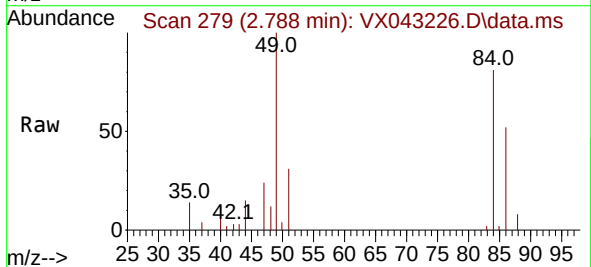
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

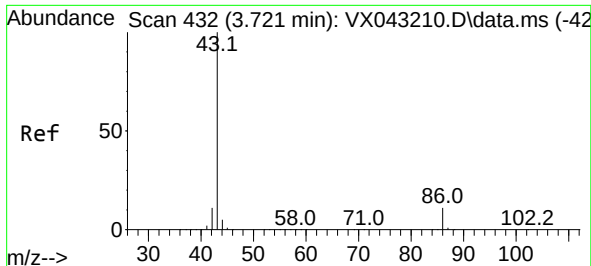
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
74 16.9 19.1 28.7#



#20
Methylene Chloride
Concen: 4.401 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 84 Resp: 4687
Ion Ratio Lower Upper
84 100
49 123.6 96.7 145.1
51 38.3 30.4 45.6
86 63.9 54.7 82.1

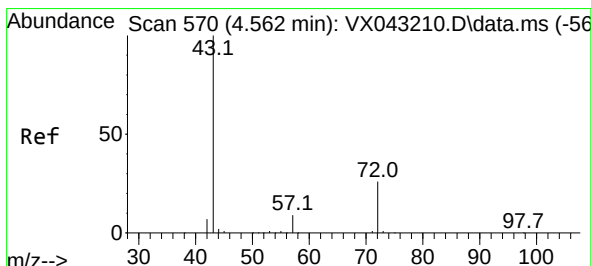
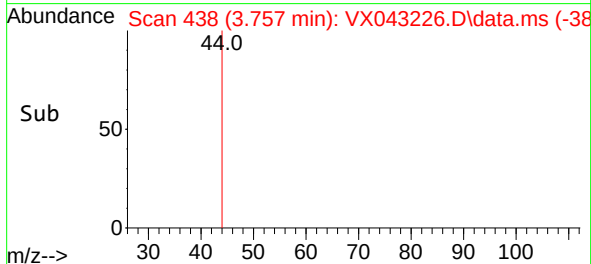
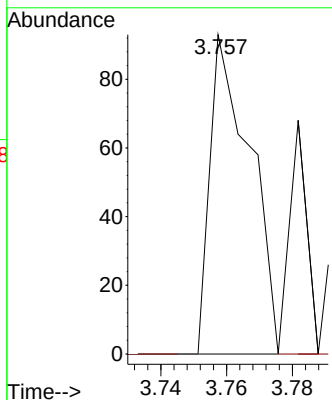
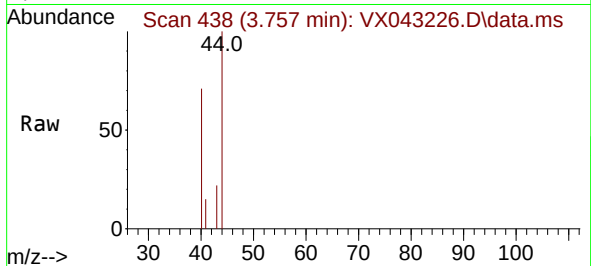




#23
 Vinyl Acetate
 Concen: 6.362 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

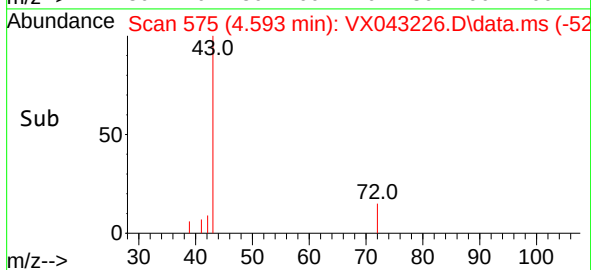
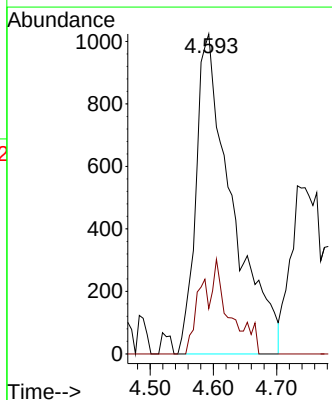
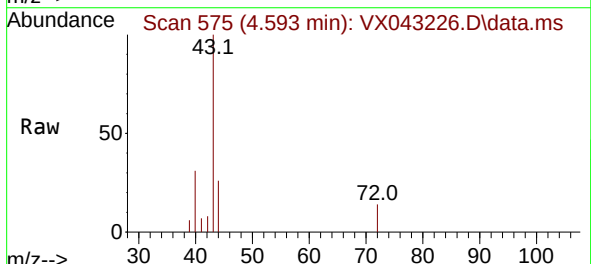
Instrument :
 MSVOA_X
 ClientSampleId :
 PB163826ZHE#05

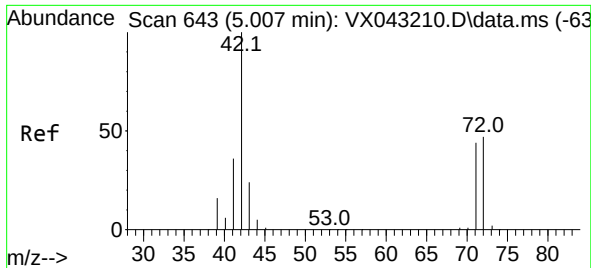
Tgt Ion: 43 Resp: 79
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#25
 2-Butanone
 Concen: 5.103 ug/l
 RT: 4.593 min Scan# 575
 Delta R.T. 0.031 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

Tgt Ion: 43 Resp: 4041
 Ion Ratio Lower Upper
 43 100
 72 14.2 20.6 31.0#





#29

Tetrahydrofuran

Concen: 1.296 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

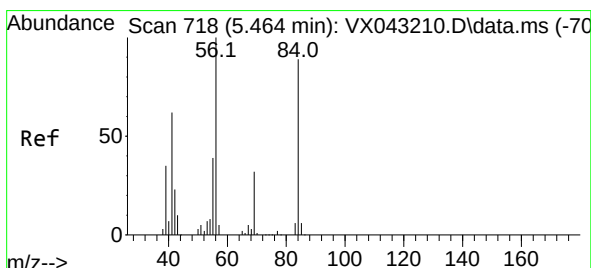
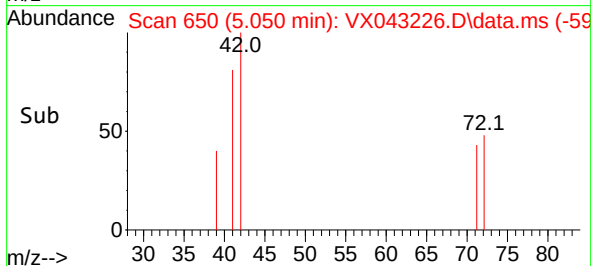
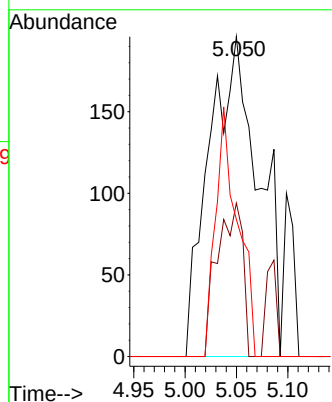
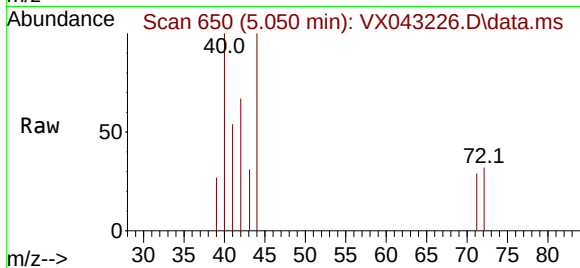
Instrument :

MSVOA_X

ClientSampleId :

PB163826ZHE#05

Tgt Ion:	42	Resp:	654
Ion	Ratio	Lower	Upper
42	100		
72	24.8	37.7	56.5#
71	35.2	34.6	52.0



#31

Cyclohexane

Concen: 1.382 ug/l

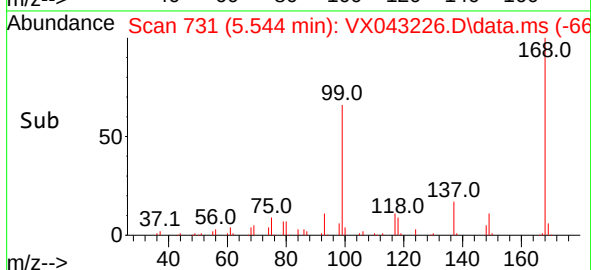
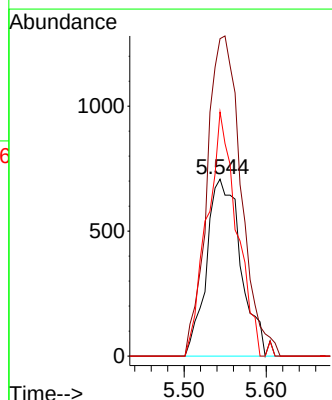
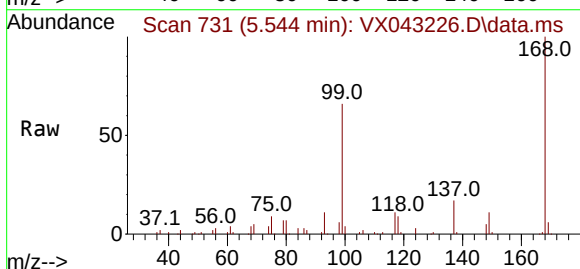
RT: 5.544 min Scan# 731

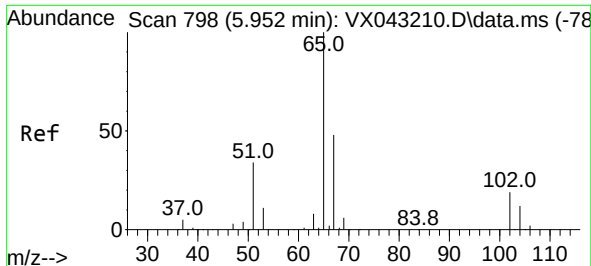
Delta R.T. 0.079 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

Tgt Ion:	56	Resp:	2062
Ion	Ratio	Lower	Upper
56	100		
69	179.4	25.8	38.6#
84	138.0	71.1	106.7#

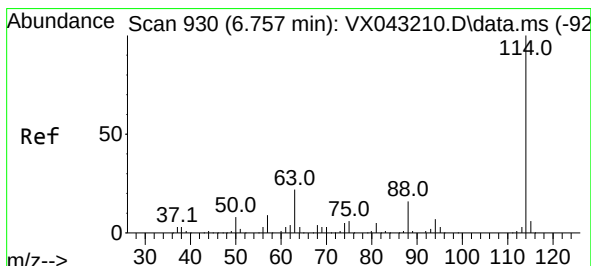
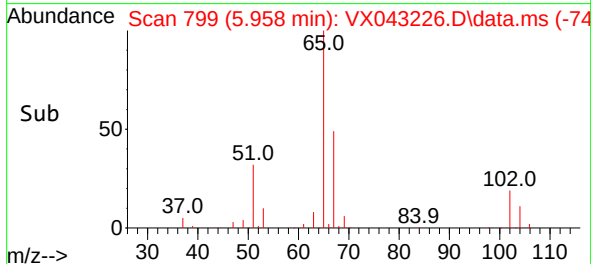
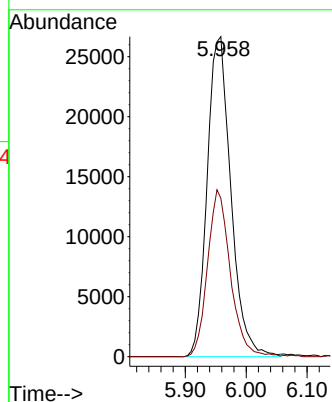
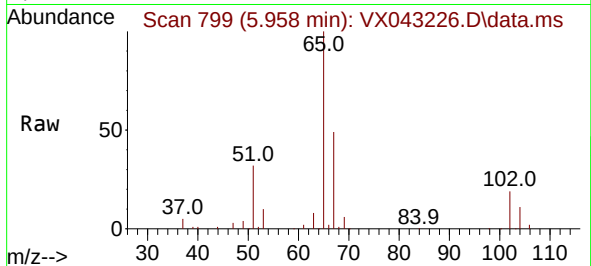




#33
 1,2-Dichloroethane-d4
 Concen: 52.292 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

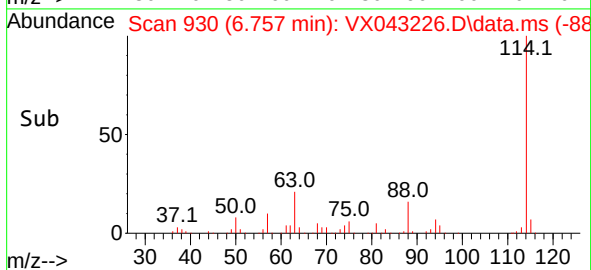
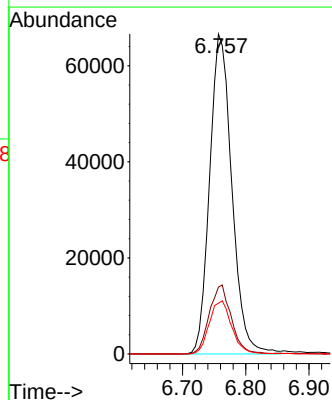
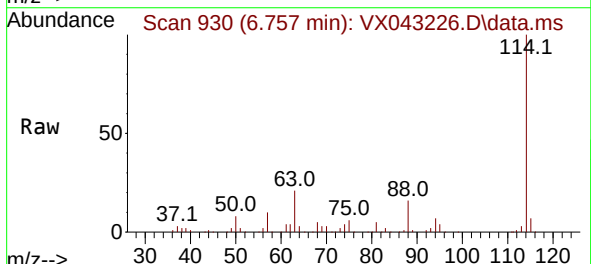
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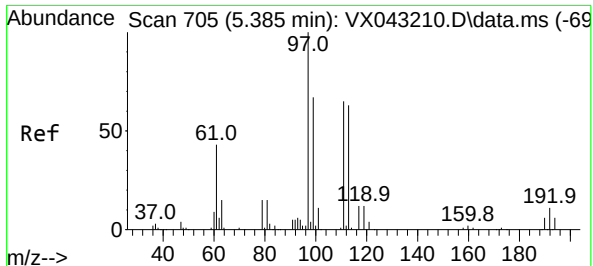
Tgt Ion: 65 Resp: 72319
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

Tgt Ion: 114 Resp: 162268
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.935 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

PB163826ZHE#05

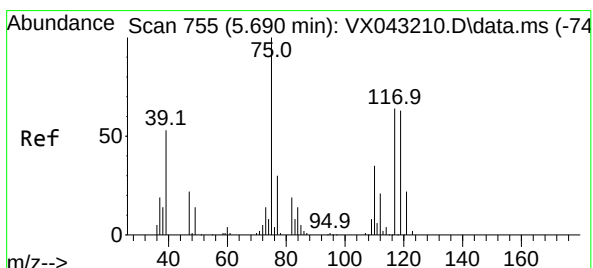
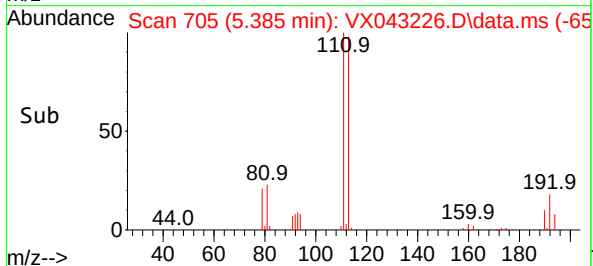
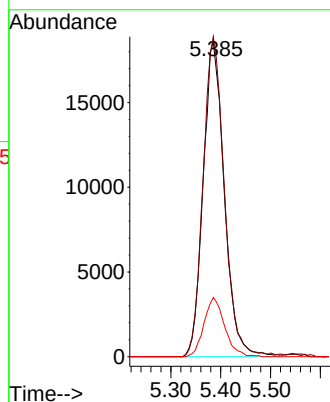
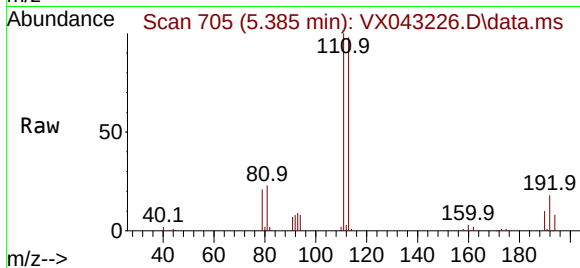
Tgt Ion:113 Resp: 54761

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 18.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

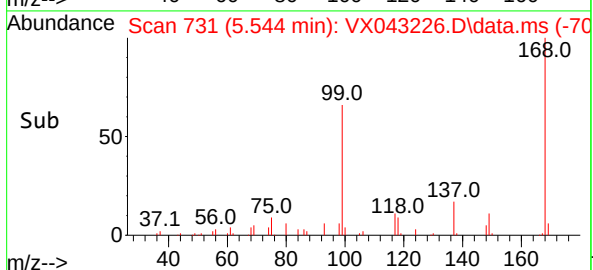
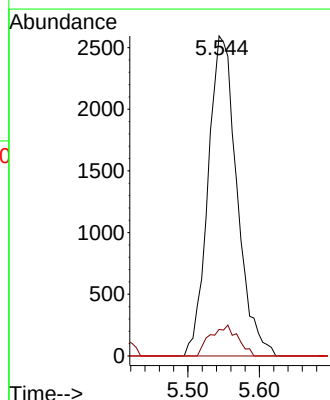
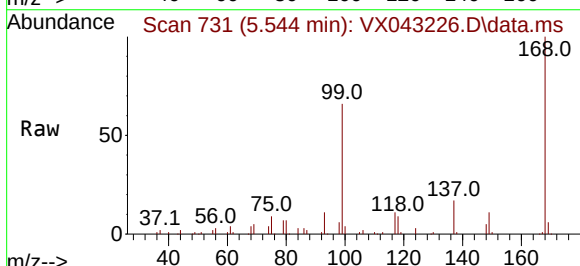
Tgt Ion: 75 Resp: 7272

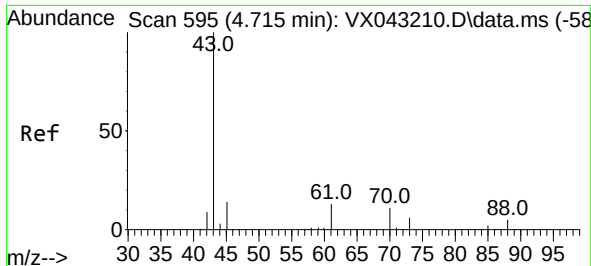
Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.3#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.954 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

PB163826ZHE#05

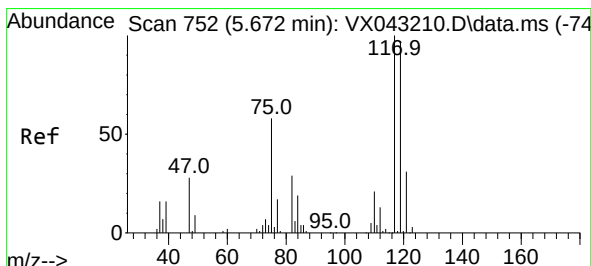
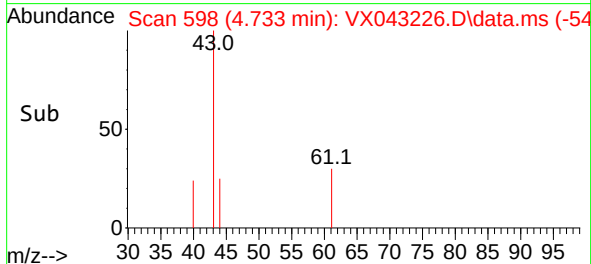
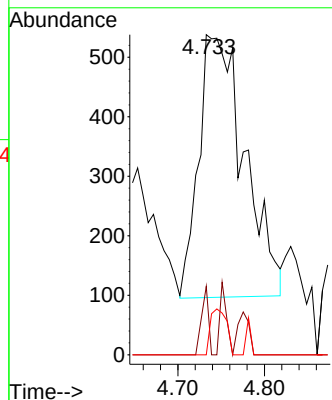
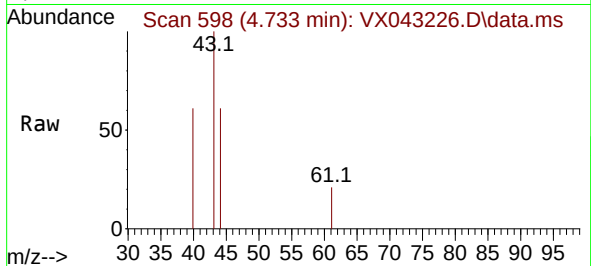
Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

61 3.9 11.0 16.4#

70 0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 5.608 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

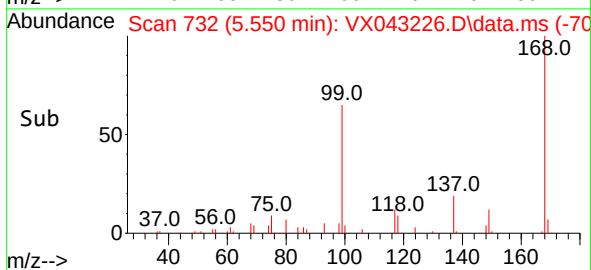
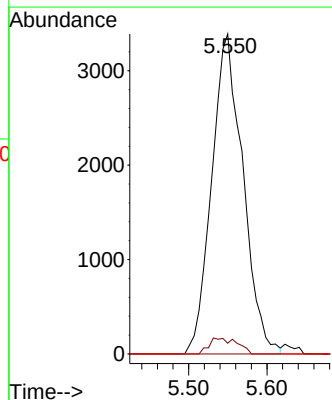
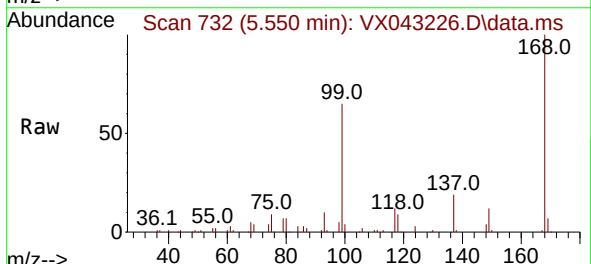
Tgt Ion: 117 Resp: 9386

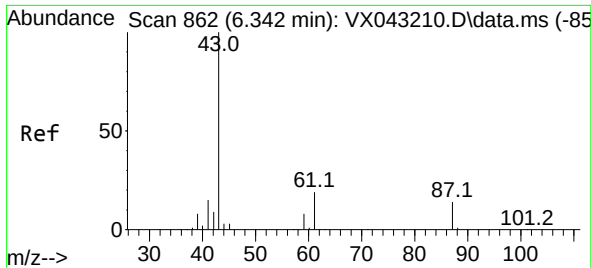
Ion Ratio Lower Upper

117 100

119 3.3 77.7 116.5#

121 0.0 24.3 36.5#

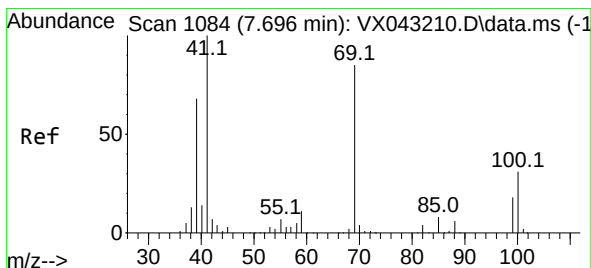
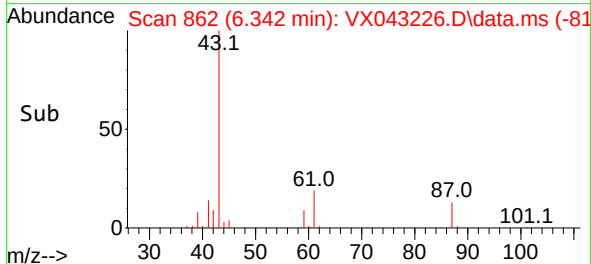
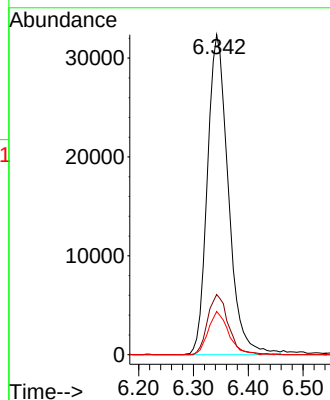
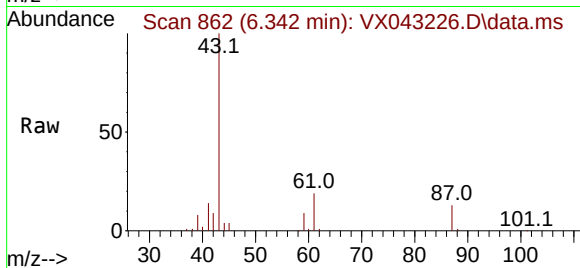




#43
Isopropyl Acetate
Concen: 30.612 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

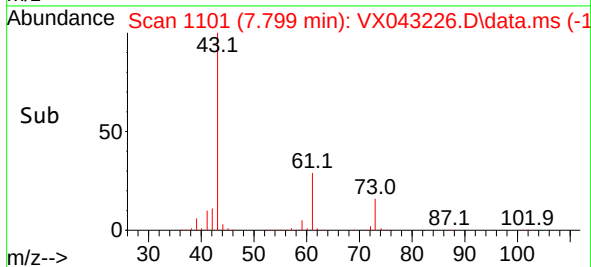
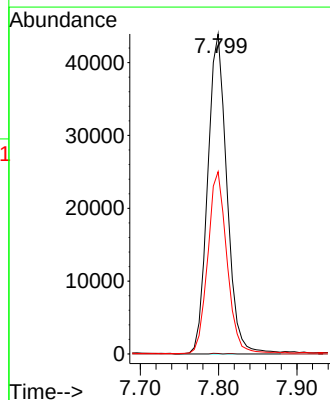
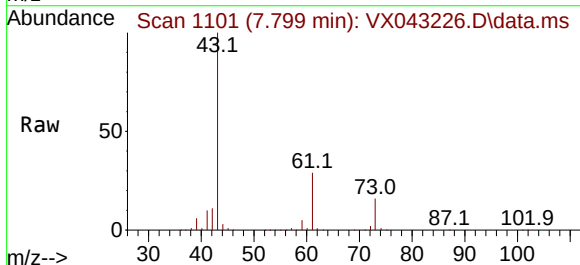
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

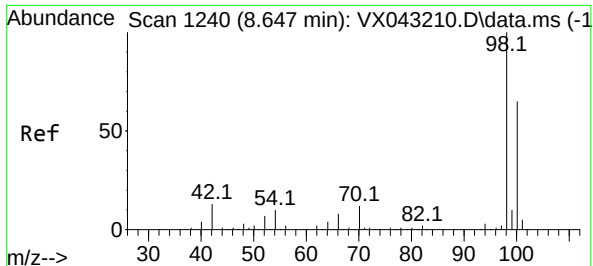
Tgt Ion: 43 Resp: 85841
Ion Ratio Lower Upper
43 100
61 18.6 15.1 22.7
87 13.1 10.8 16.2



#48
Methyl methacrylate
Concen: 54.419 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 41 Resp: 74875
Ion Ratio Lower Upper
41 100
69 0.1 64.1 96.1#
39 56.9 52.8 79.2

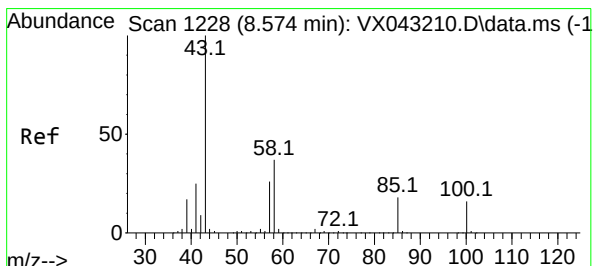
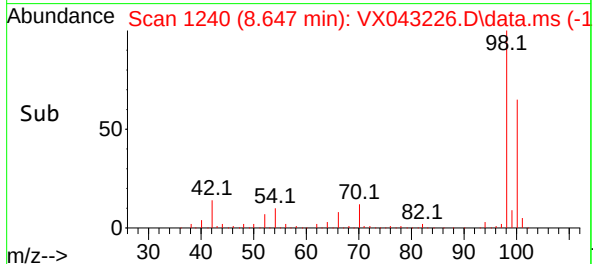
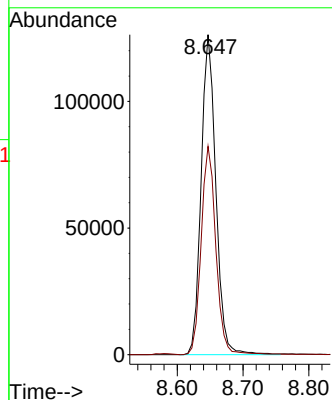
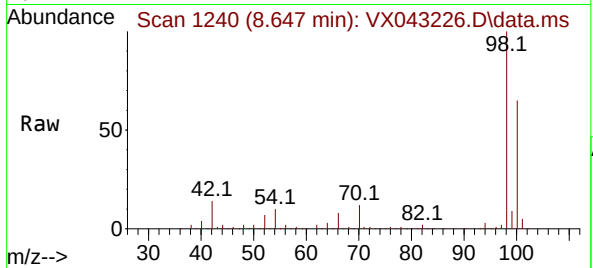




#50
Toluene-d8
Concen: 50.624 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

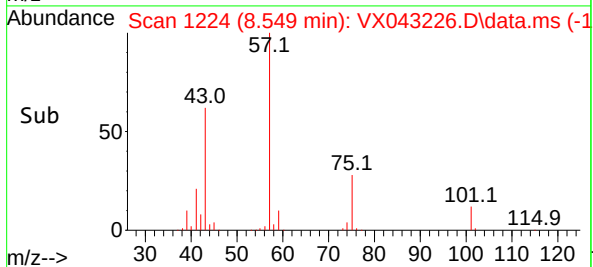
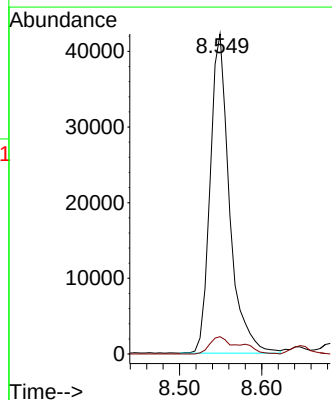
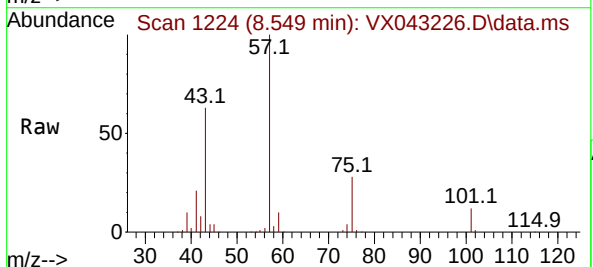
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

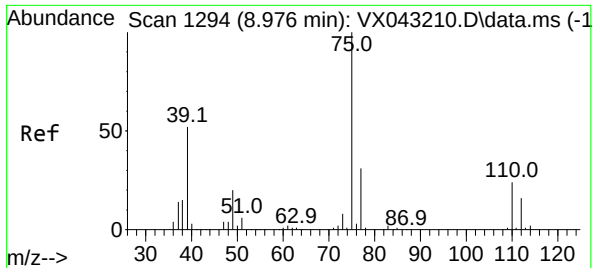
Tgt Ion: 98 Resp: 196322
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 40.519 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 43 Resp: 69009
Ion Ratio Lower Upper
43 100
58 8.2 30.0 45.0#

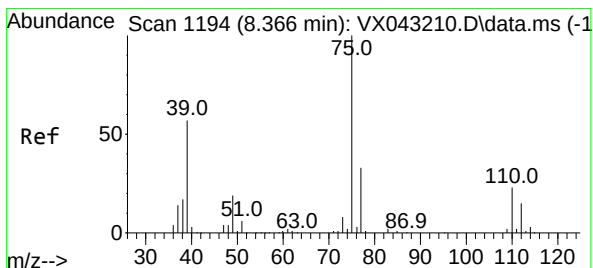
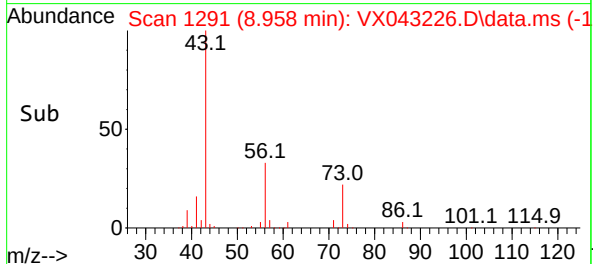
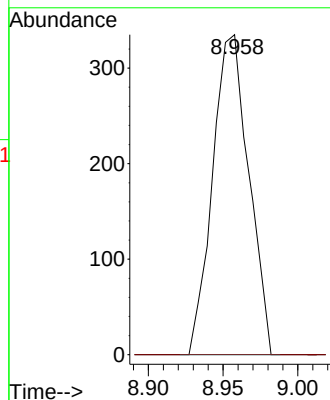
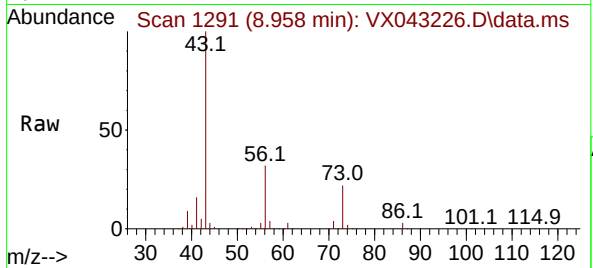




#53
 t-1,3-Dichloropropene
 Concen: 0.343 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.018 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

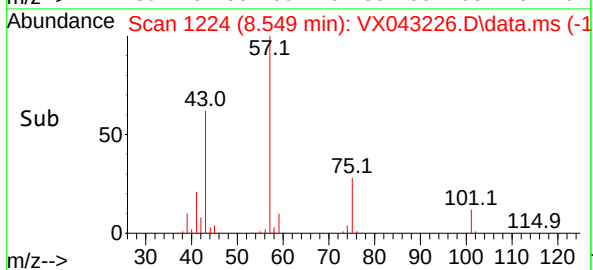
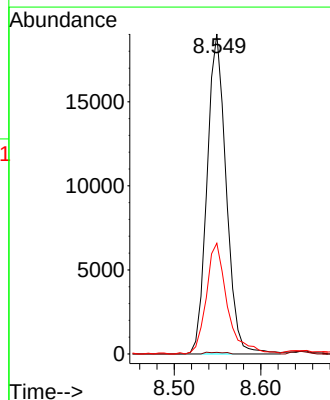
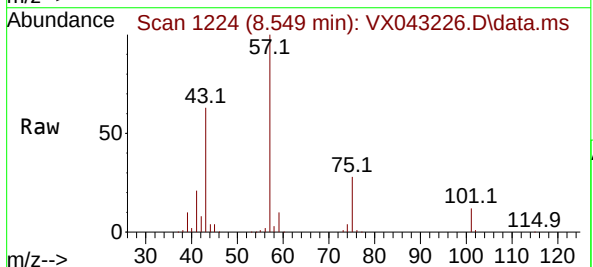
Instrument :
 MSVOA_X
 ClientSampleId :
 PB163826ZHE#05

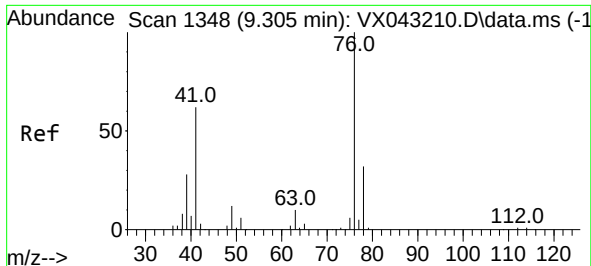
Tgt Ion: 75 Resp: 564
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 16.536 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX043226.D
 Acq: 02 Oct 2024 13:06

Tgt Ion: 75 Resp: 29206
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.0 39.0#
 39 34.3 45.8 68.8#





#57

1,3-Dichloropropane

Concen: 1.951 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX043226.D

Acq: 02 Oct 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

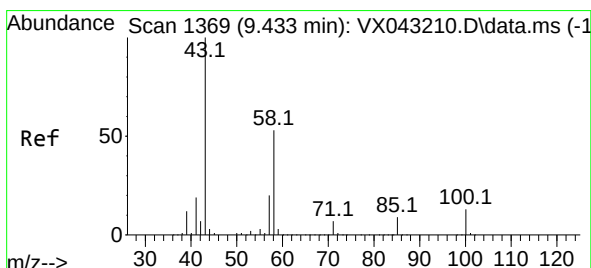
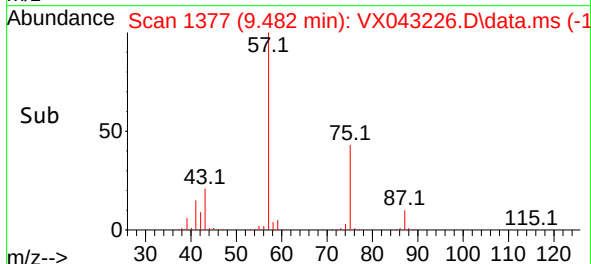
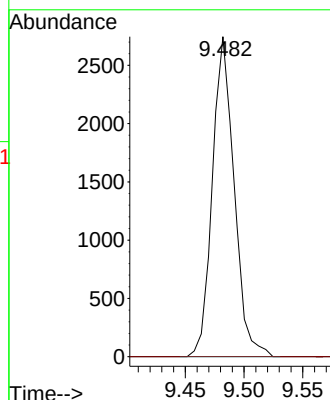
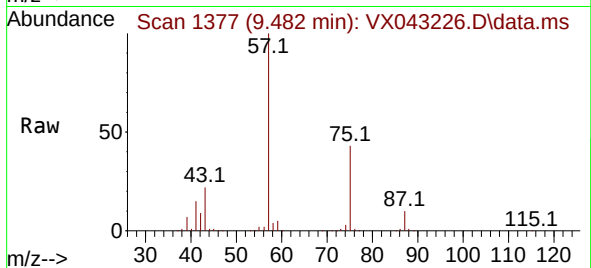
PB163826ZHE#05

Tgt Ion: 76 Resp: 3547

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 41.062 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043226.D

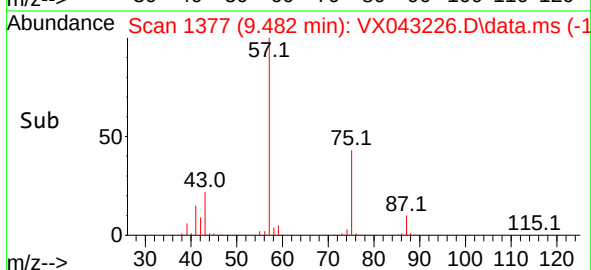
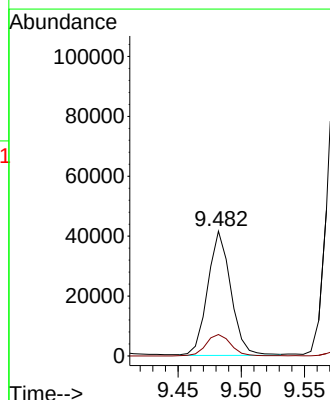
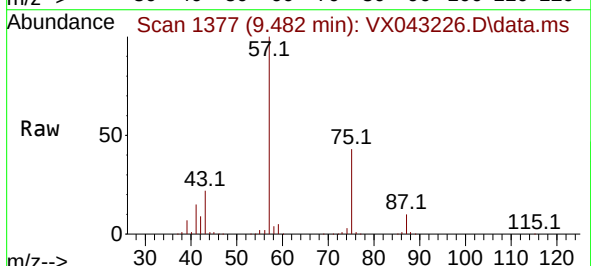
Acq: 02 Oct 2024 13:06

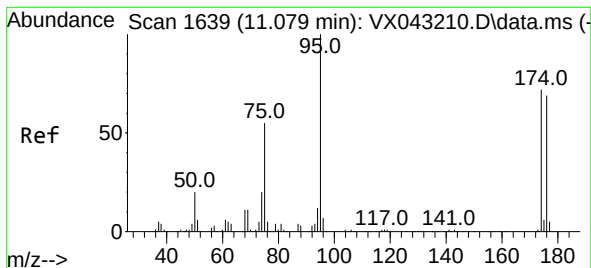
Tgt Ion: 43 Resp: 52884

Ion Ratio Lower Upper

43 100

58 18.9 26.1 78.3#

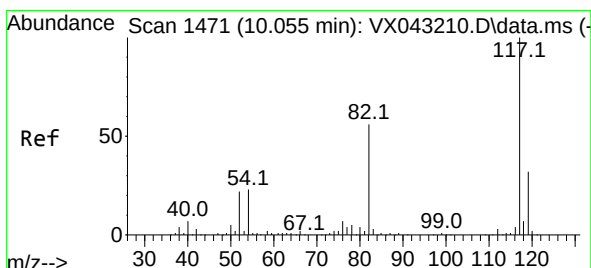
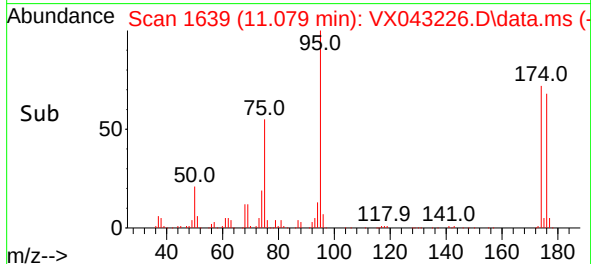
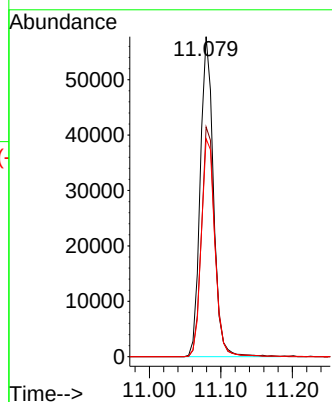
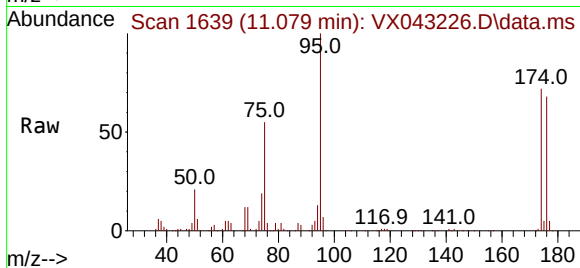




#62
4-Bromofluorobenzene
Concen: 52.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

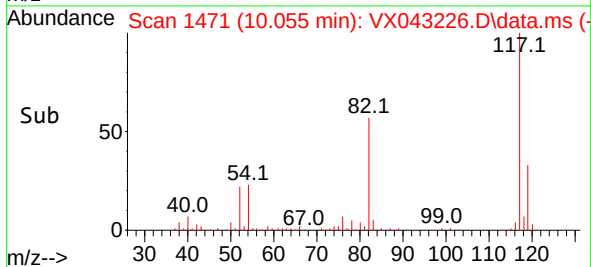
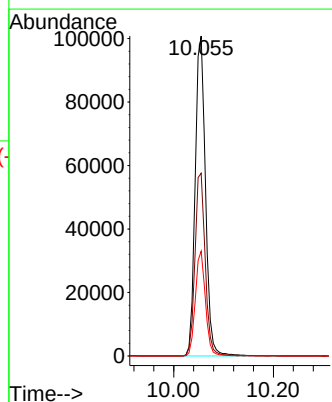
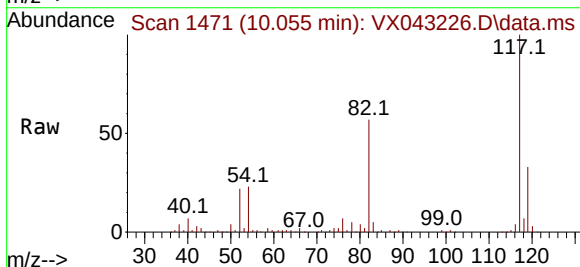
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

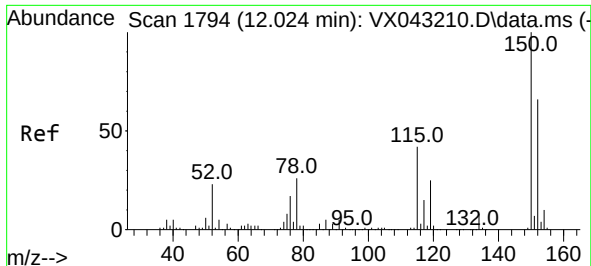
Tgt Ion: 95 Resp: 73818
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 117 Resp: 144438
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.6
119 32.8 25.3 37.9

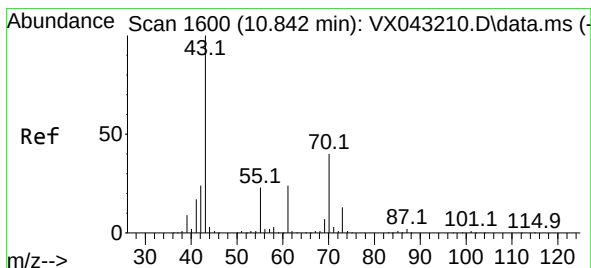
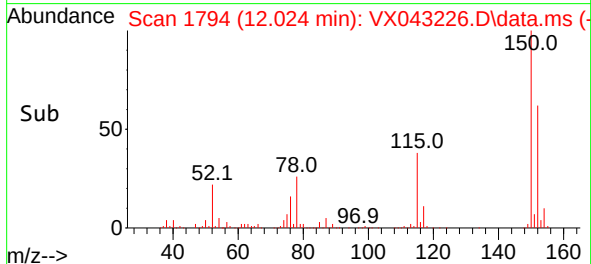
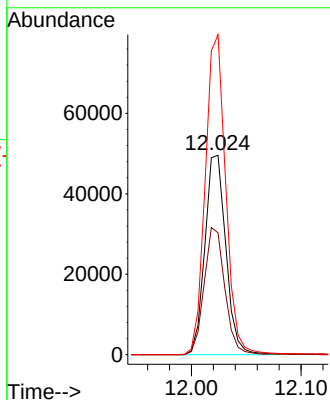
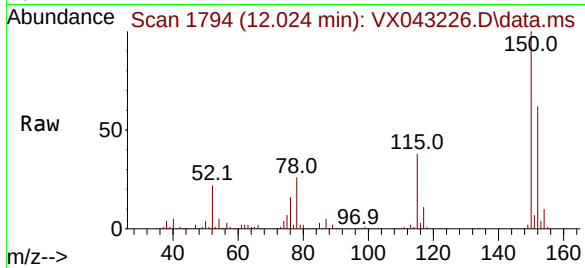




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

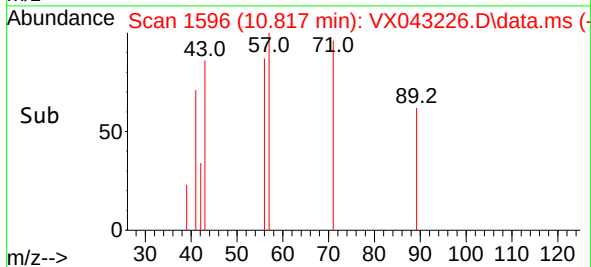
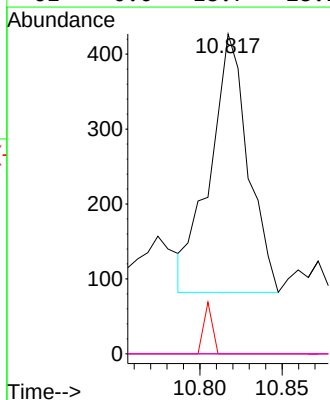
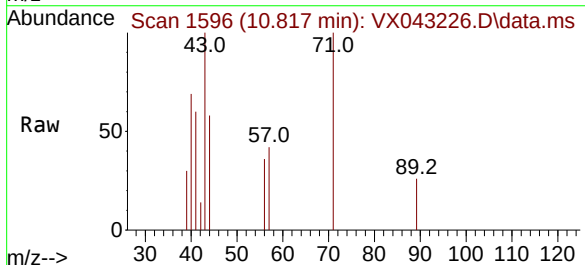
Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

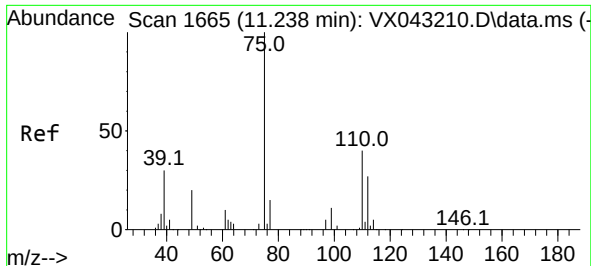
Tgt Ion:152 Resp: 66086
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 156.9 0.0 347.4



#74
N-ethyl acetate
Concen: 0.228 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 43 Resp: 555
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#

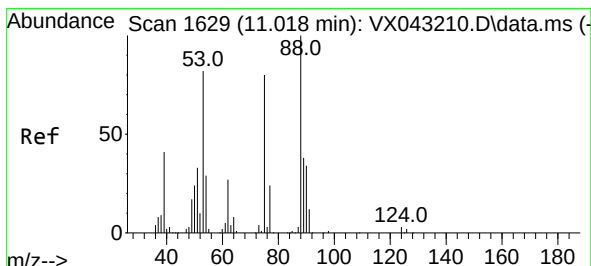
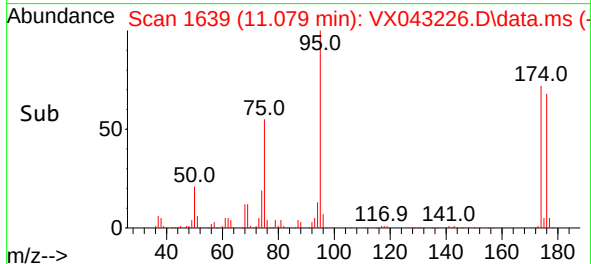
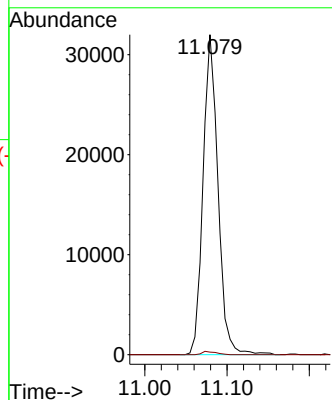
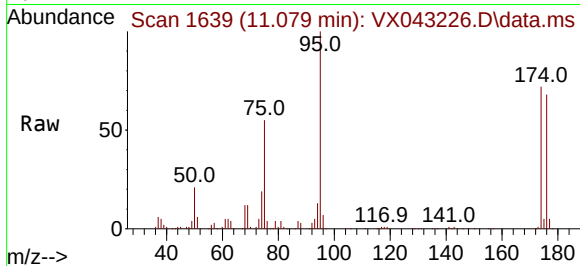




#76
1,2,3-Trichloropropane
Concen: 27.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#05

Tgt Ion: 75 Resp: 40291
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043226.D
Acq: 02 Oct 2024 13:06

Tgt Ion: 75 Resp: 40291
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

