

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043245.D
 Acq On : 03 Oct 2024 08:37
 Operator : JC/MD
 Sample : VX1003MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBL01

Quant Time: Oct 04 01:24:21 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)

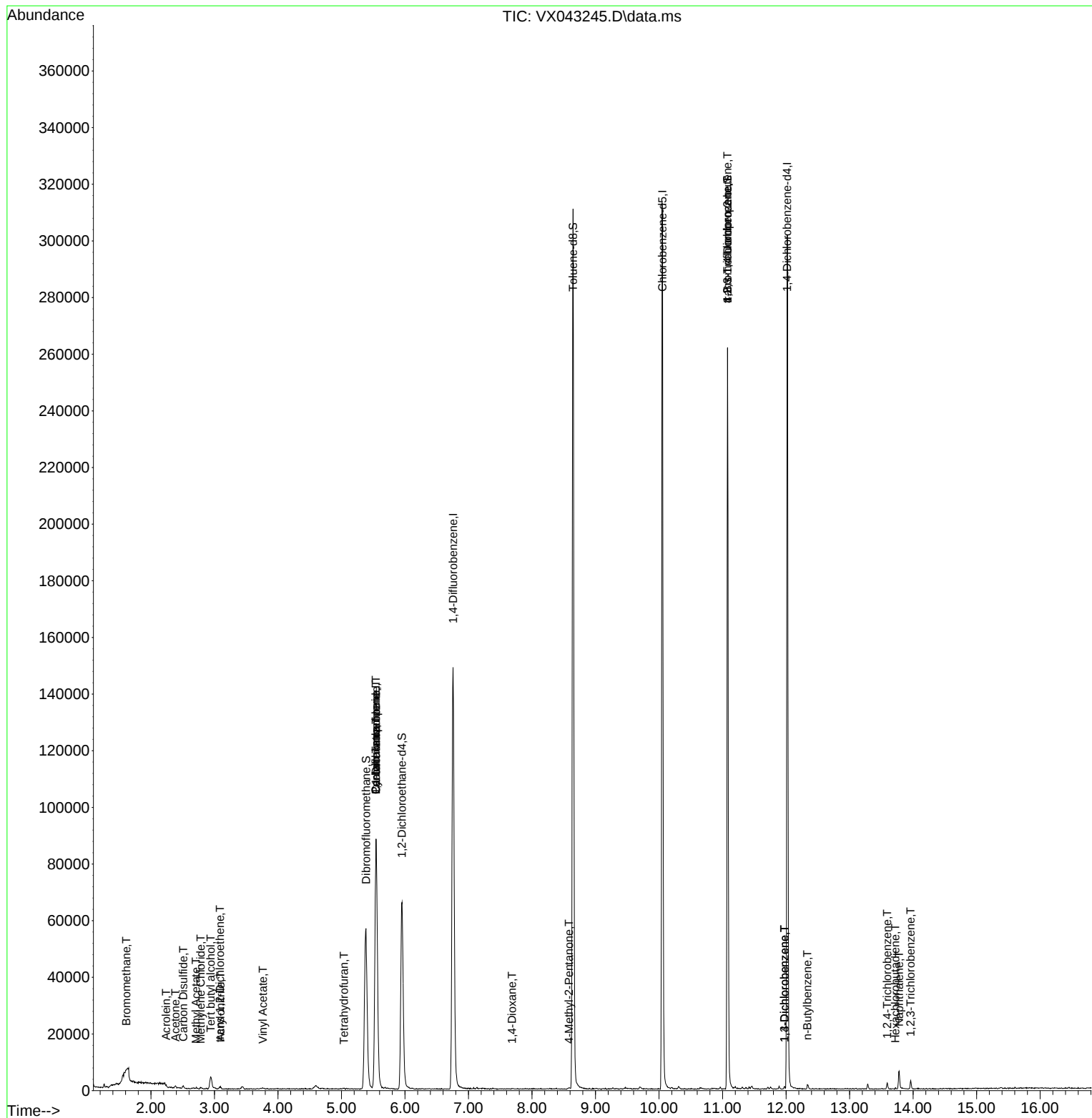
Internal Standards						
1) Pentafluorobenzene	5.544	168	78813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68127	52.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.860%			
35) Dibromofluoromethane	5.385	113	50413	47.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.500%			
50) Toluene-d8	8.647	98	186529	50.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	68354	51.425	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.860%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	170	0.440	ug/l #	77
11) Tert butyl alcohol	2.940	59	2842	11.603	ug/l #	71
13) Acrolein	2.239	56	330	1.426	ug/l #	40
15) Acrylonitrile	3.093	53	331	0.662	ug/l #	71
16) Acetone	2.386	43	804	1.496	ug/l #	76
17) Carbon Disulfide	2.508	76	1093	0.513	ug/l #	76
18) Methyl Acetate	2.709	43	500	0.371	ug/l #	60
20) Methylene Chloride	2.782	84	211	0.213	ug/l #	66
21) trans-1,2-Dichloroethene	3.087	96	205	0.235	ug/l #	88
23) Vinyl Acetate	3.763	43	798	6.586	ug/l #	71
29) Tetrahydrofuran	5.038	42	154	0.328	ug/l #	31
31) Cyclohexane	5.544	56	1982	1.427	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6844	5.131	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8493	5.379	ug/l #	16
49) 1,4-Dioxane	7.683	88	43	1.704	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	404	0.251	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	37824	27.824	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37824	72.110	ug/l #	8
87) 1,3-Dichlorobenzene	11.975	146	467	0.229	ug/l	90
88) 1,4-Dichlorobenzene	11.975	146	467	0.222	ug/l	92
89) n-Butylbenzene	12.335	91	852	0.254	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	719	0.597	ug/l	92
94) Hexachlorobutadiene	13.719	225	142	0.297	ug/l #	19
95) Naphthalene	13.780	128	5219	1.179	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	881	0.709	ug/l	97

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

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Data File : VX043245.D
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Operator : JC/MD
Sample : VX1003MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

Quant Time: Oct 04 01:24:21 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

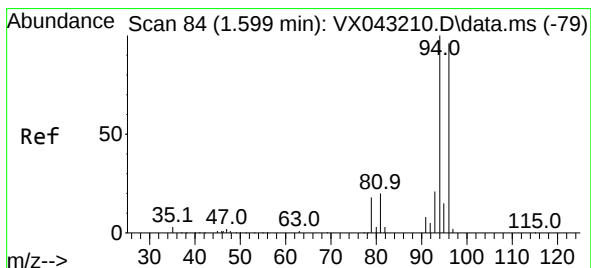
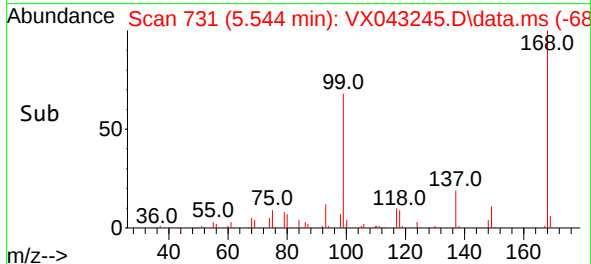
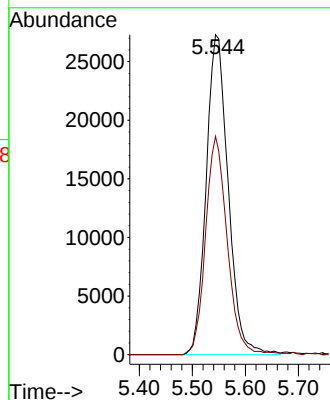
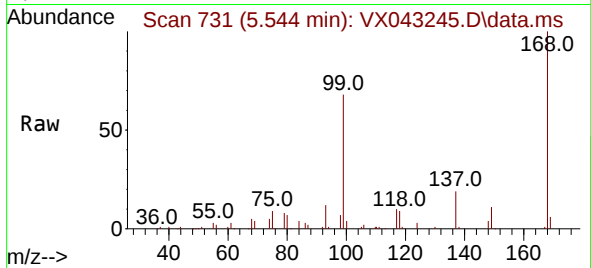




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

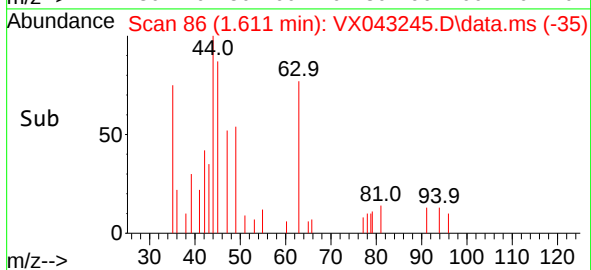
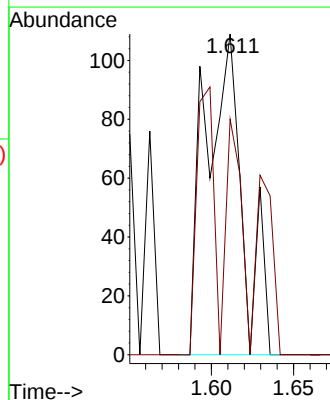
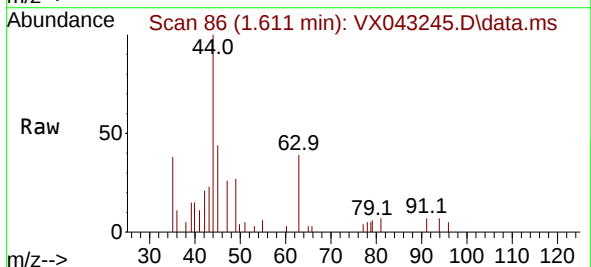
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

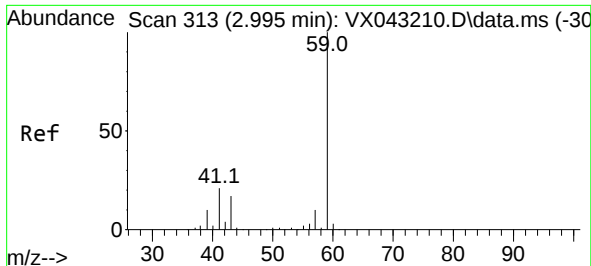
Tgt Ion:168 Resp: 78813
Ion Ratio Lower Upper
168 100
99 68.2 49.7 74.5



#5
Bromomethane
Concen: 0.440 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 73.4 76.6 115.0#





#11

Tert butyl alcohol

Concen: 11.603 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

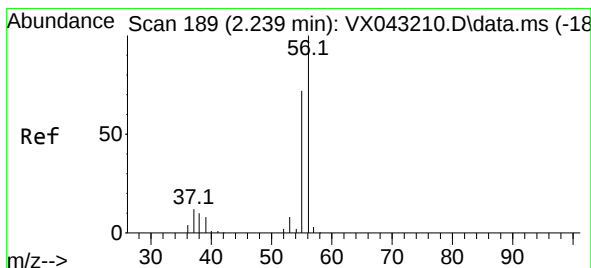
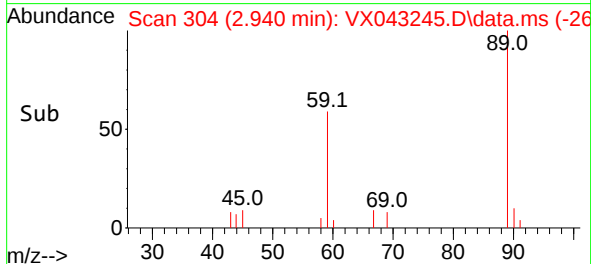
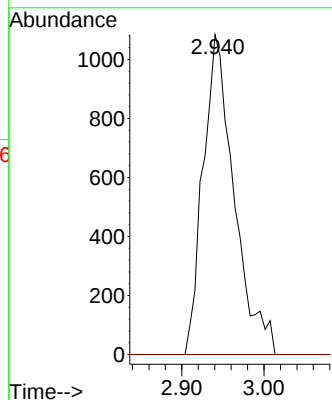
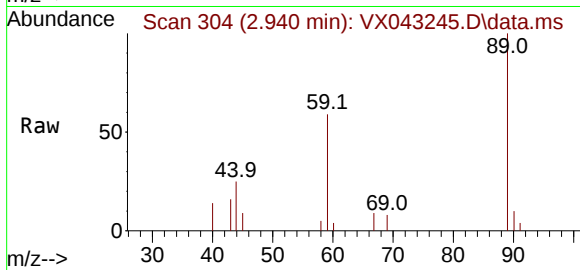
VX1003MBL01

Tgt Ion: 59 Resp: 2842

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 1.426 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043245.D

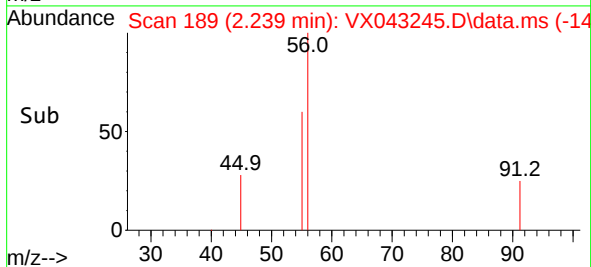
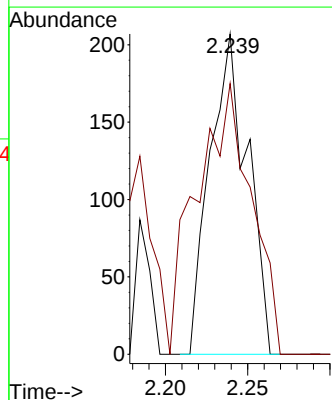
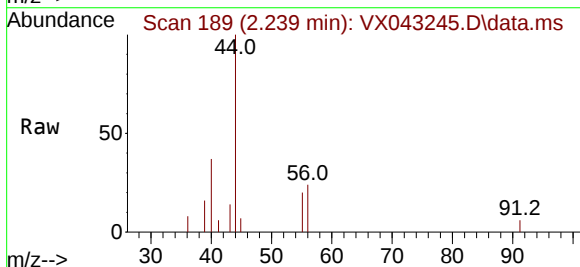
Acq: 03 Oct 2024 08:37

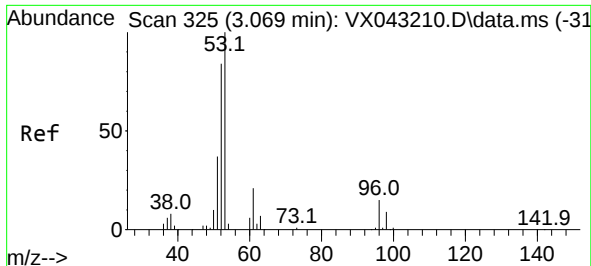
Tgt Ion: 56 Resp: 330

Ion Ratio Lower Upper

56 100

55 121.8 57.4 86.0#





#15

Acrylonitrile

Concen: 0.662 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.024 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBL01

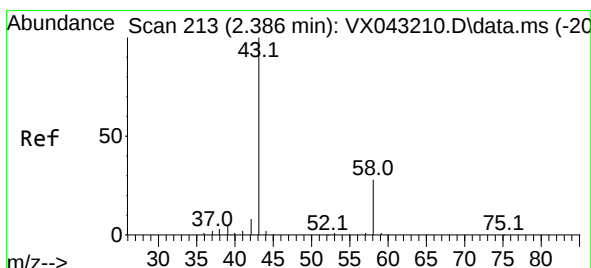
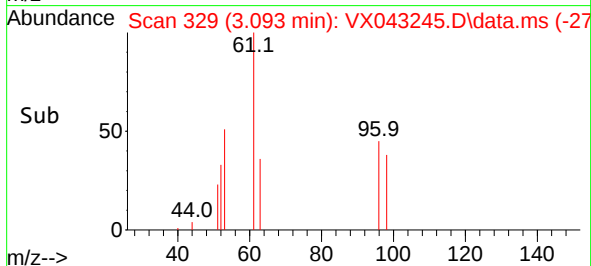
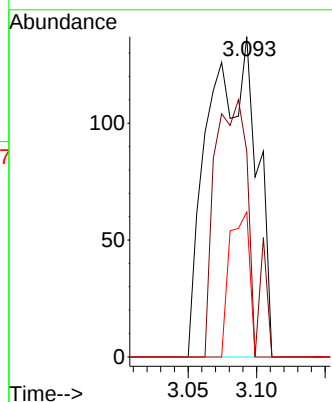
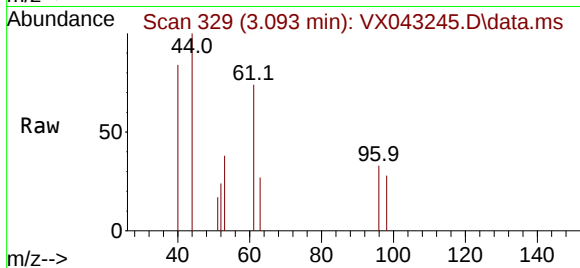
Tgt Ion: 53 Resp: 331

Ion Ratio Lower Upper

53 100

52 59.2 67.6 101.4#

51 19.0 30.3 45.5#



#16

Acetone

Concen: 1.496 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043245.D

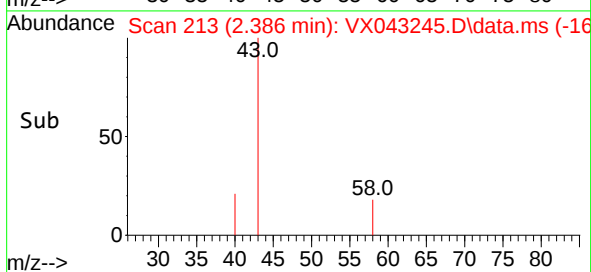
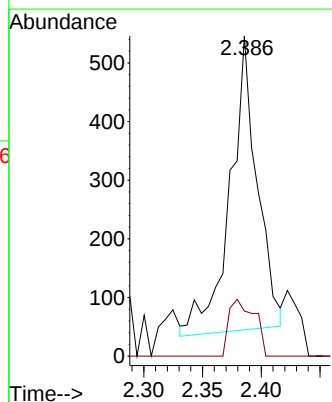
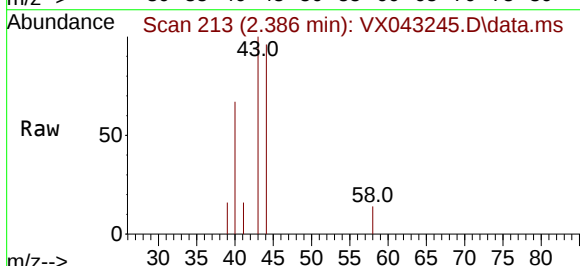
Acq: 03 Oct 2024 08:37

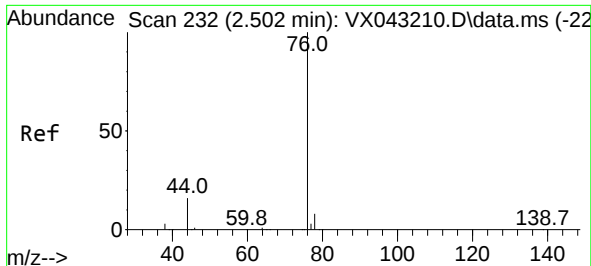
Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 15.6 22.6 33.8#

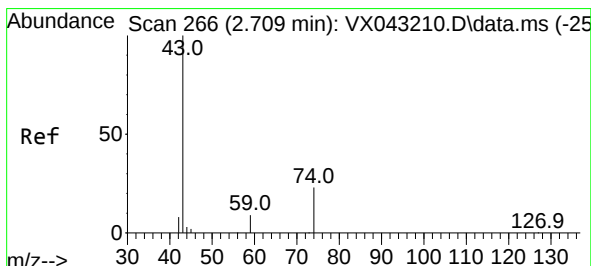
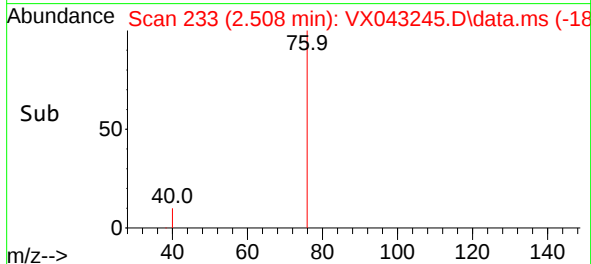
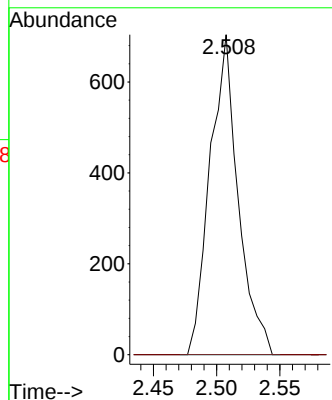
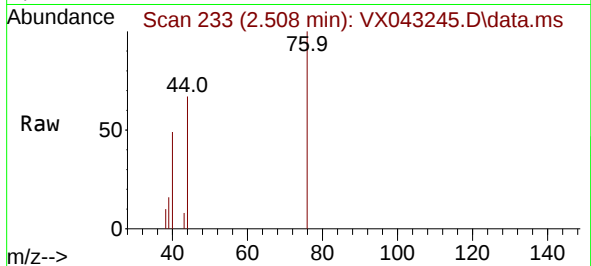




#17
Carbon Disulfide
Concen: 0.513 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

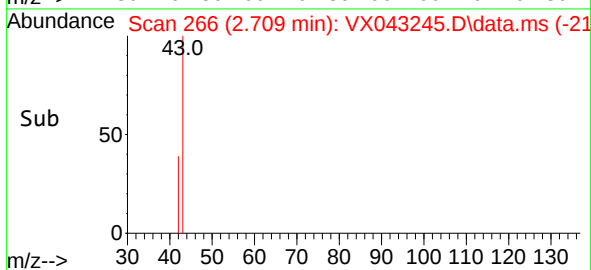
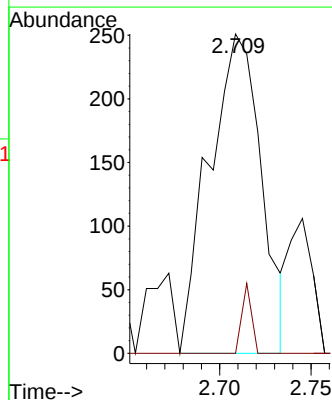
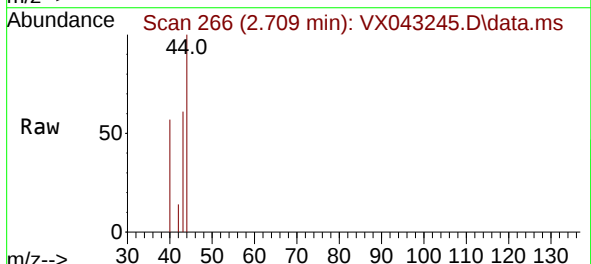
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

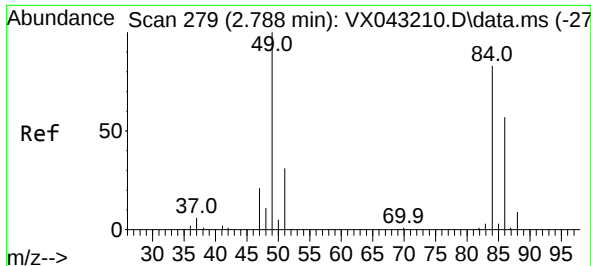
Tgt Ion: 76 Resp: 1093
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
74 4.0 19.1 28.7#

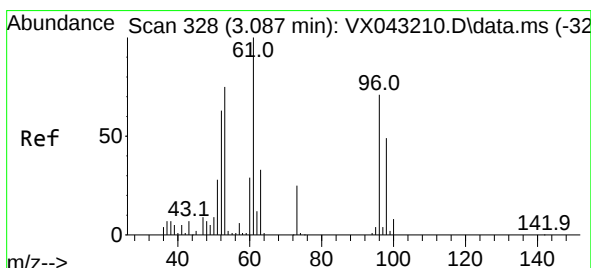
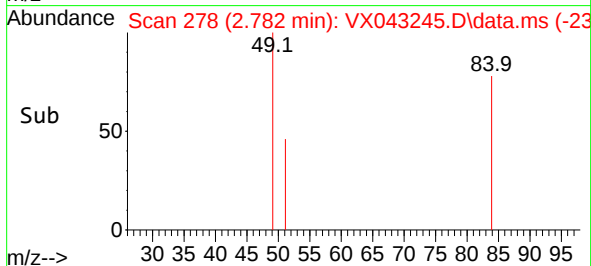
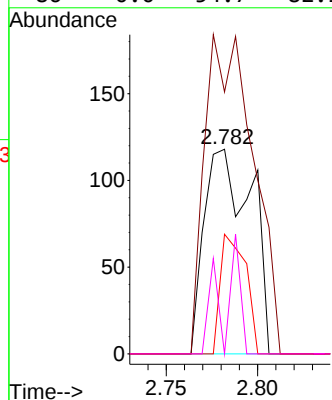
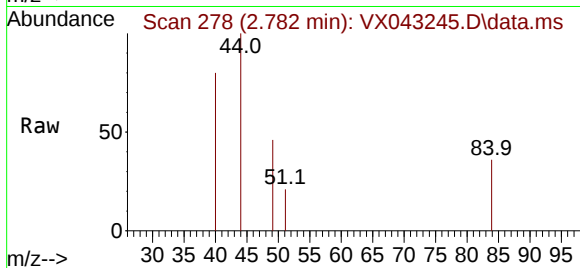




#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.782 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

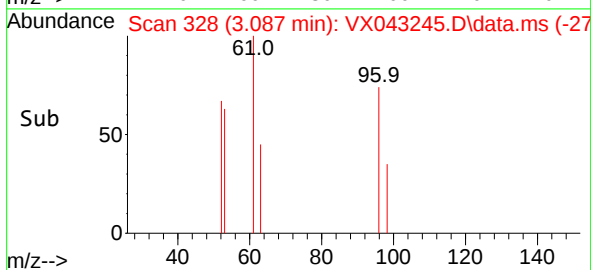
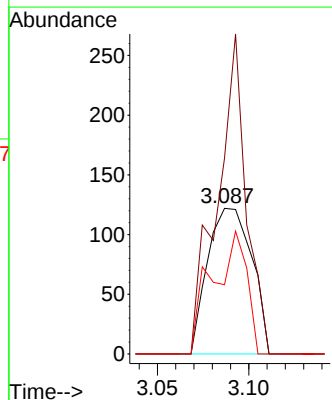
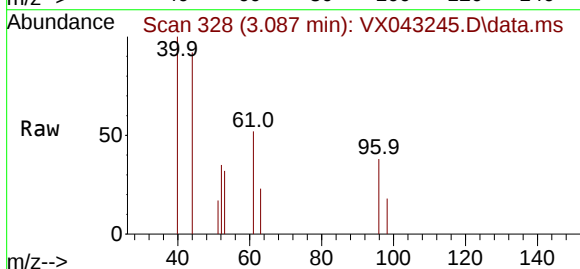
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

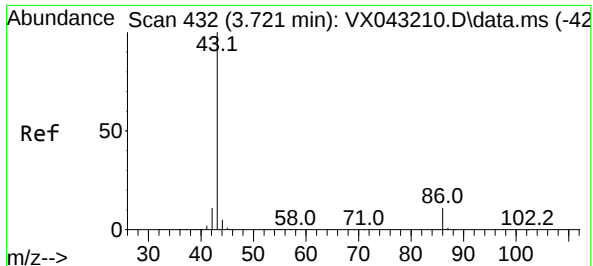
Tgt Ion:	84	Resp:	211
Ion	Ratio	Lower	Upper
84	100		
49	128.0	96.7	145.1
51	58.5	30.4	45.6#
86	0.0	54.7	82.1#



#21
trans-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion:	96	Resp:	205
Ion	Ratio	Lower	Upper
96	100		
61	134.4	112.3	168.5
98	47.5	54.6	82.0#

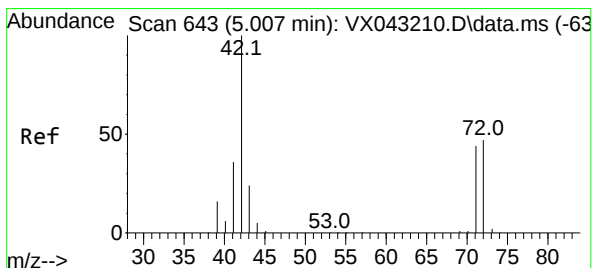
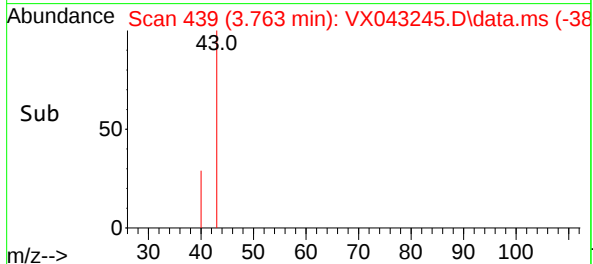
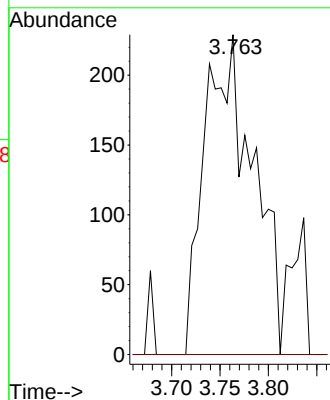
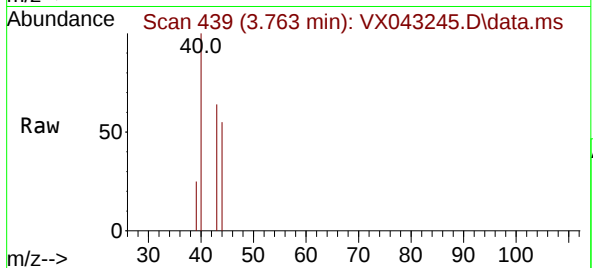




#23
 Vinyl Acetate
 Concen: 6.586 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VX043245.D
 Acq: 03 Oct 2024 08:37

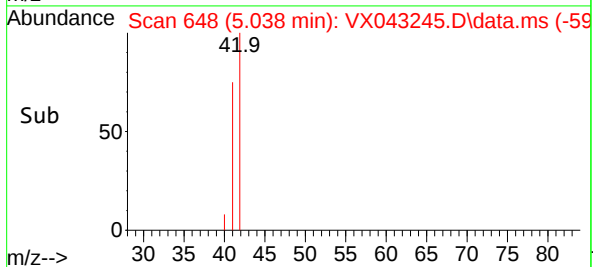
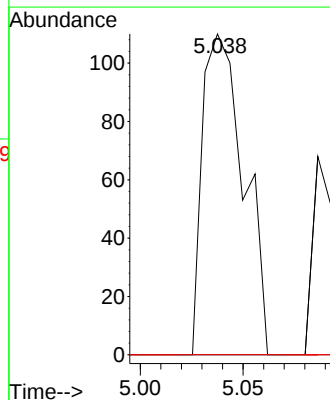
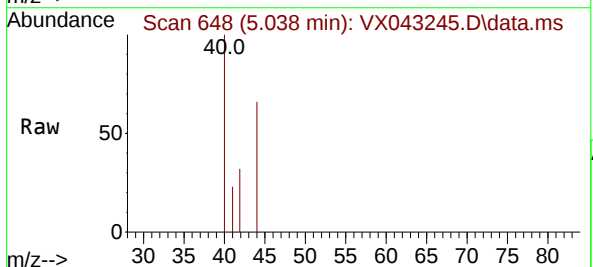
Instrument :
 MSVOA_X
 ClientSampleId :
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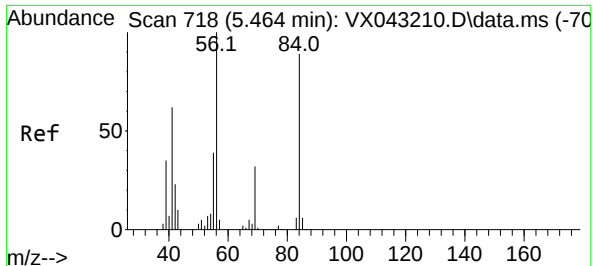
Tgt Ion: 43 Resp: 798
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#29
 Tetrahydrofuran
 Concen: 0.328 ug/l
 RT: 5.038 min Scan# 648
 Delta R.T. 0.030 min
 Lab File: VX043245.D
 Acq: 03 Oct 2024 08:37

Tgt Ion: 42 Resp: 154
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.7 56.5#
 71 0.0 34.6 52.0#

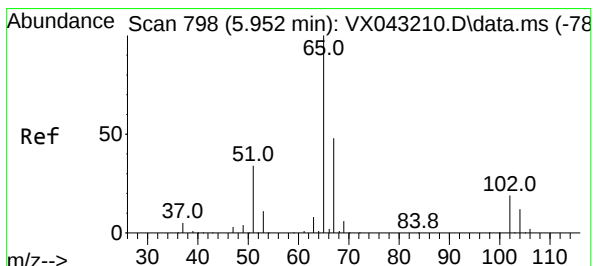
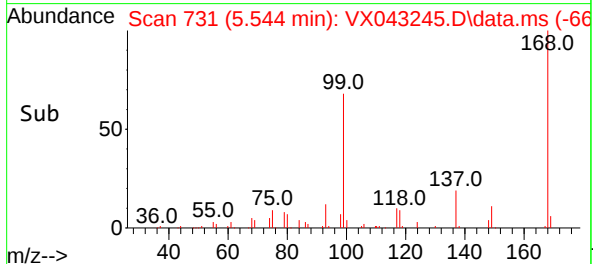
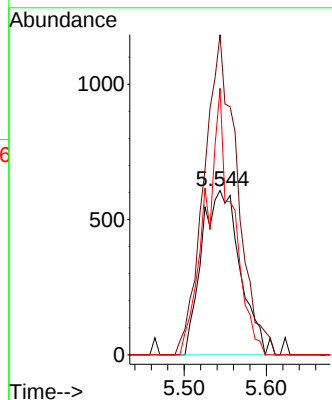
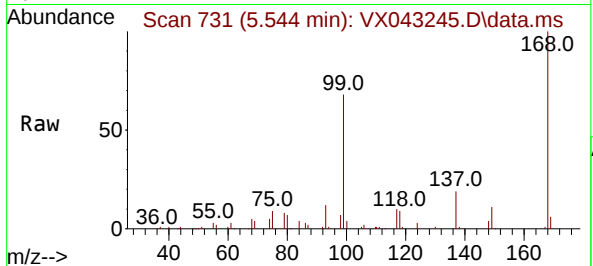




#31
Cyclohexane
Concen: 1.427 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

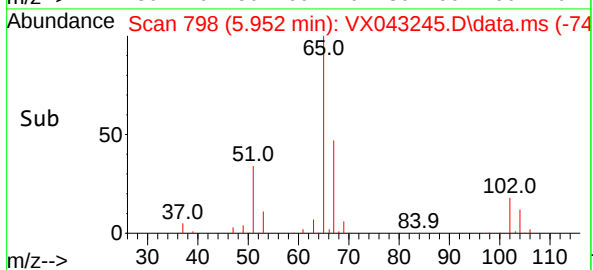
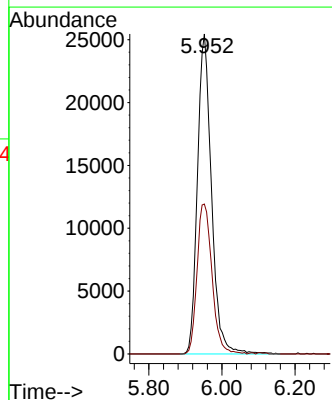
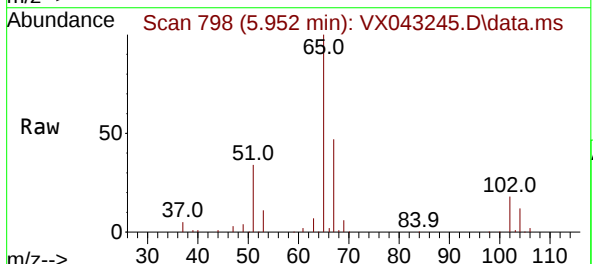
Instrument :
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VX1003MBL01

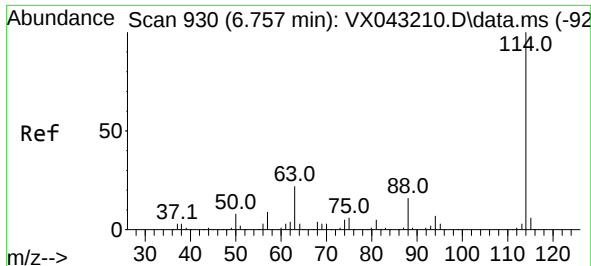
Tgt Ion: 56 Resp: 1982
Ion Ratio Lower Upper
56 100
69 194.9 25.8 38.6#
84 162.3 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.929 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion: 65 Resp: 68127
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

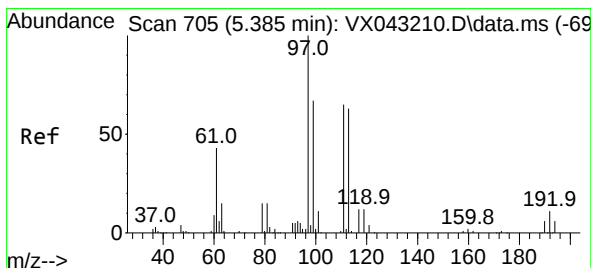
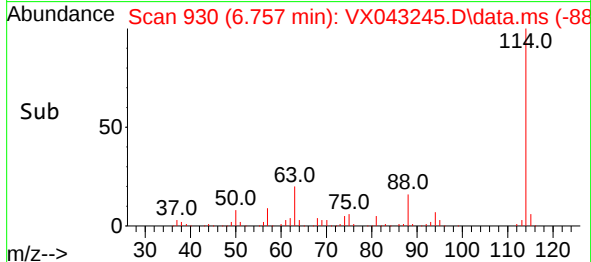
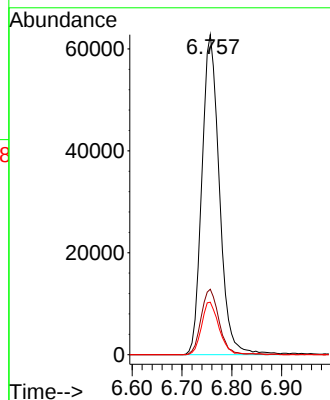
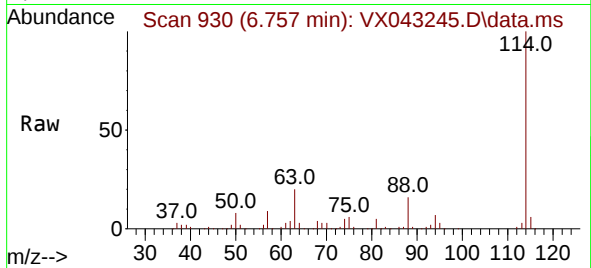




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

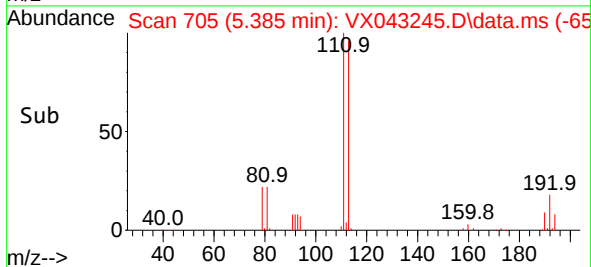
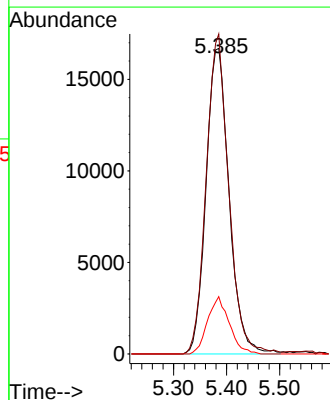
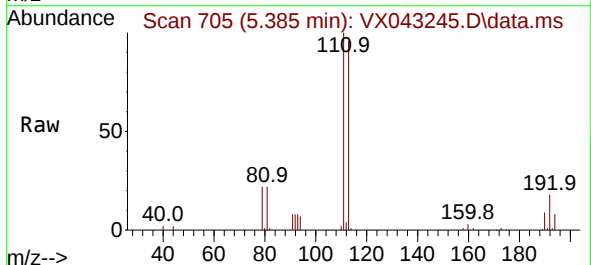
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

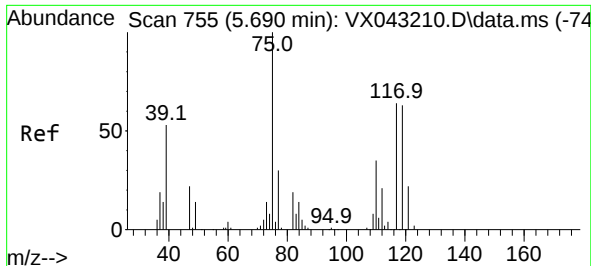
Tgt Ion:114 Resp: 153090
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.0
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion:113 Resp: 50413
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.7 14.1 21.1

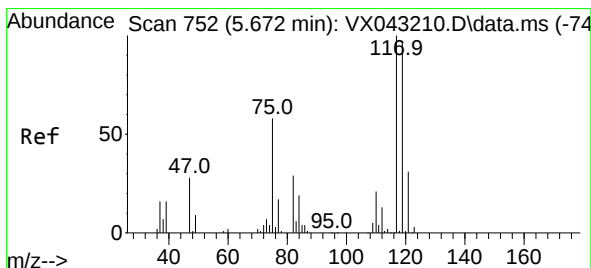
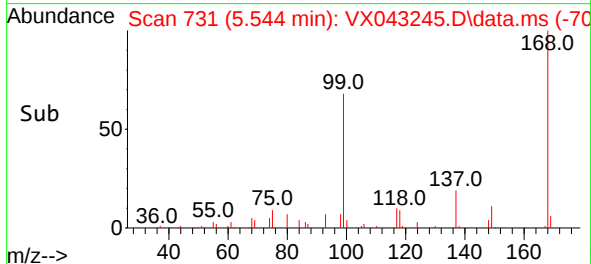
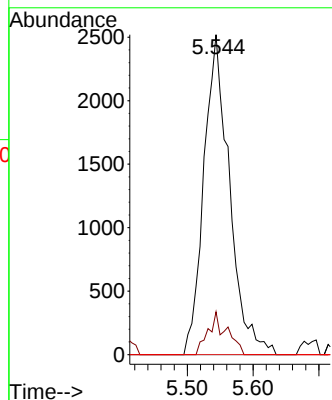
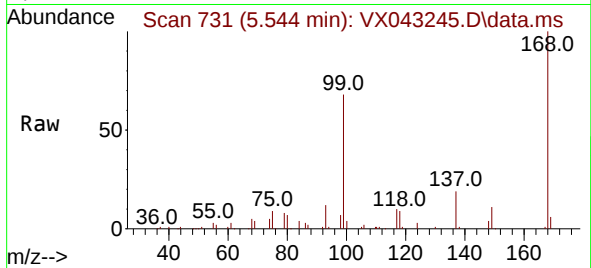




#36
 1,1-Dichloropropene
 Concen: 5.131 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX043245.D
 Acq: 03 Oct 2024 08:37

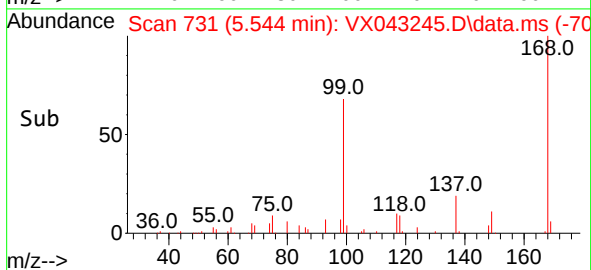
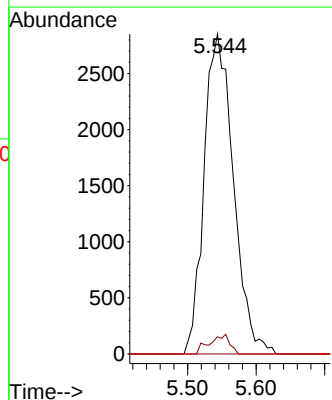
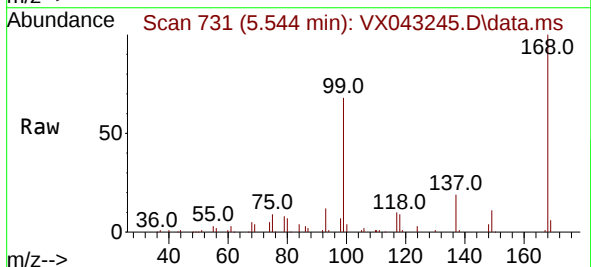
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBL01

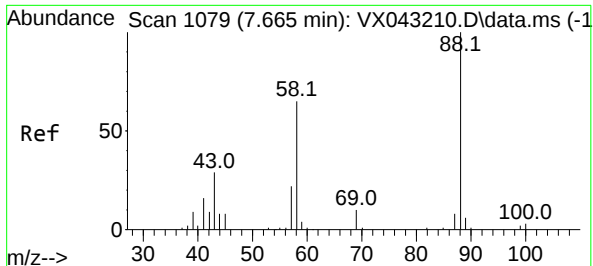
Tgt Ion: 75 Resp: 6844
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.8 53.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.379 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX043245.D
 Acq: 03 Oct 2024 08:37

Tgt Ion: 117 Resp: 8493
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.7 116.5#
 121 0.0 24.3 36.5#





#49

1,4-Dioxane

Concen: 1.704 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBL01

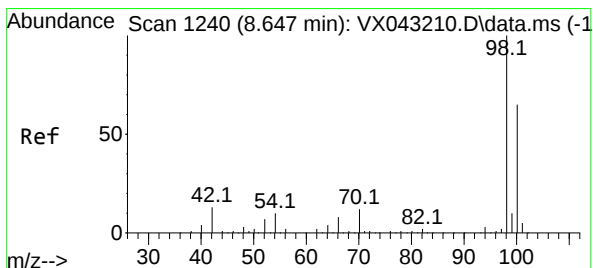
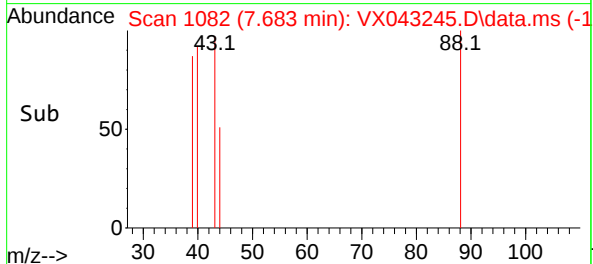
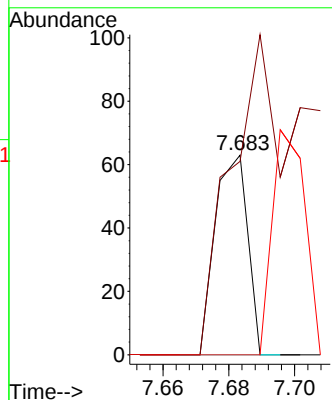
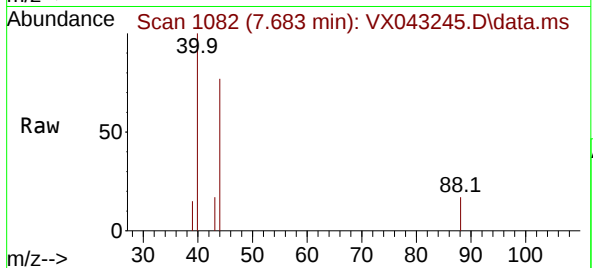
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 365.1 29.5 44.3#

58 114.0 55.2 82.8#



#50

Toluene-d8

Concen: 50.982 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043245.D

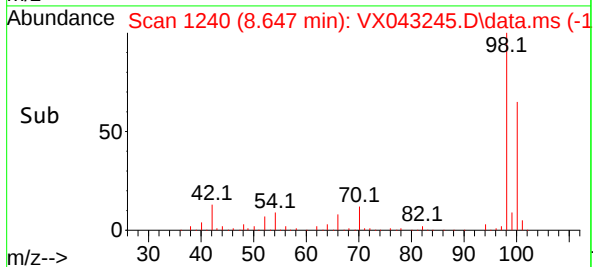
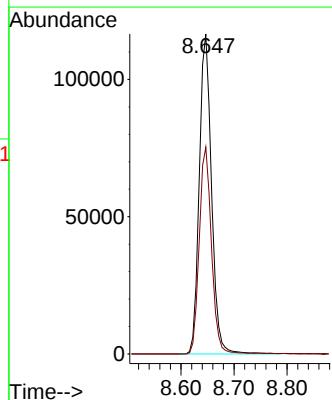
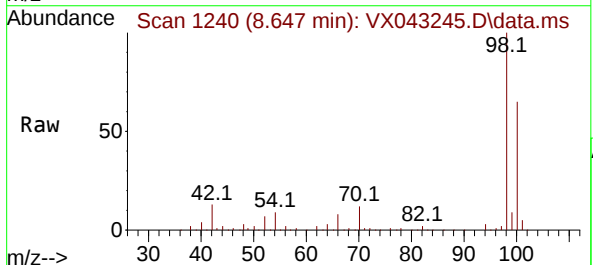
Acq: 03 Oct 2024 08:37

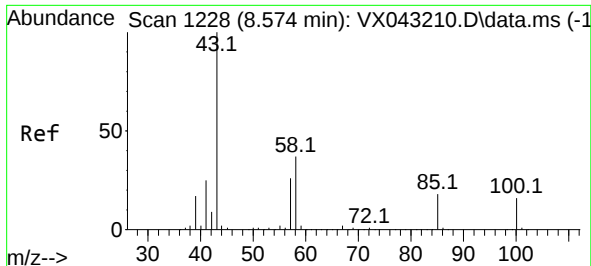
Tgt Ion: 98 Resp: 186529

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

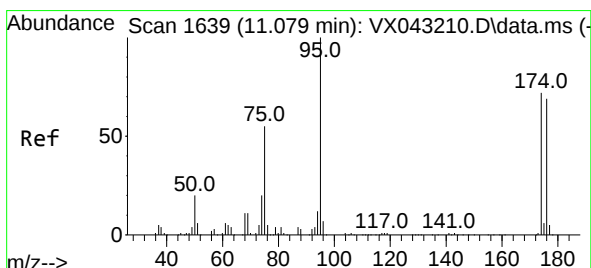
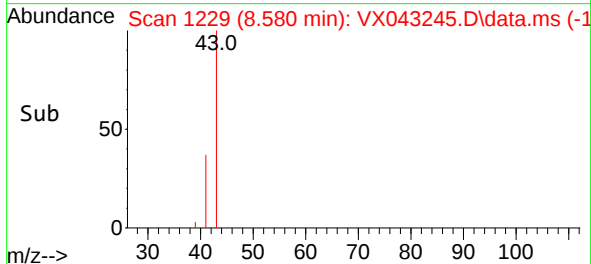
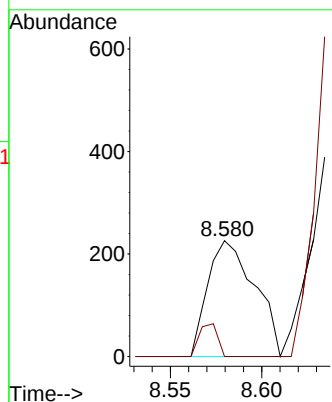
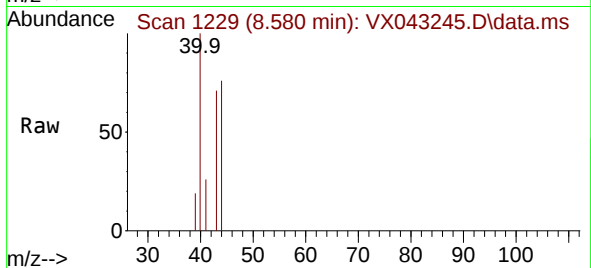




#51
4-Methyl-2-Pentanone
Concen: 0.251 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

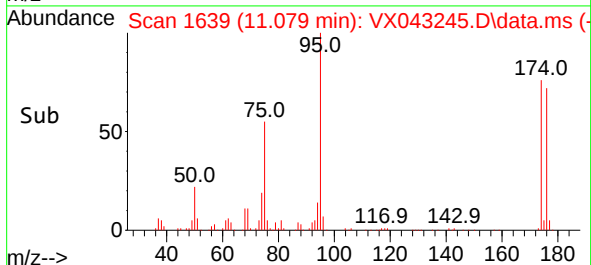
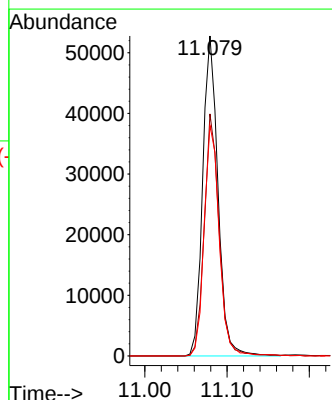
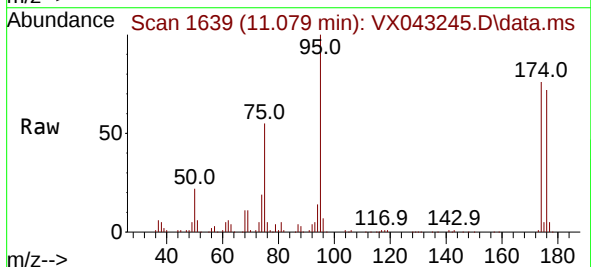
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

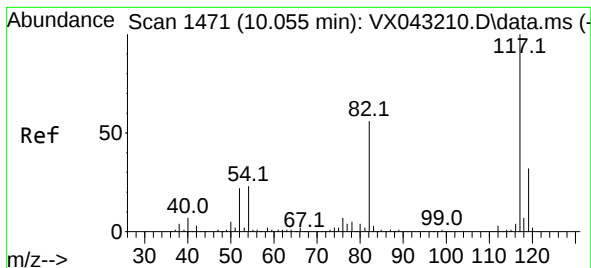
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 51.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion: 95 Resp: 68354
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.0
176 71.0 0.0 143.0

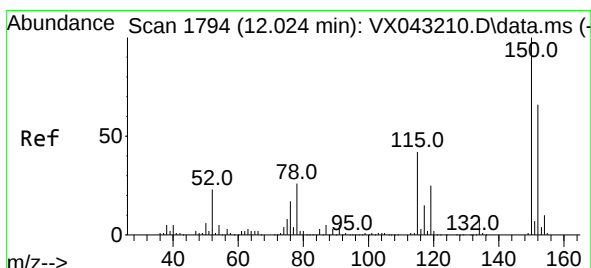
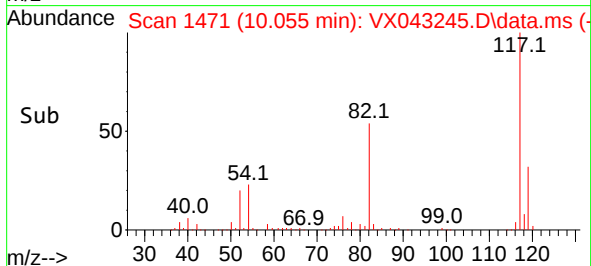
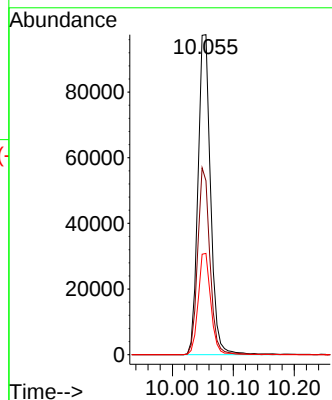
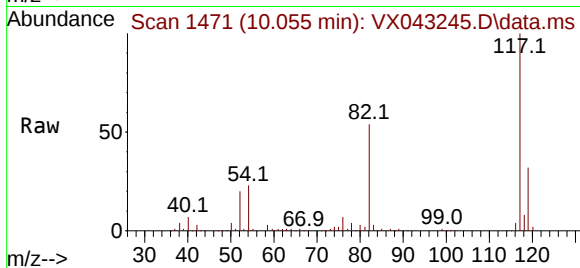




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

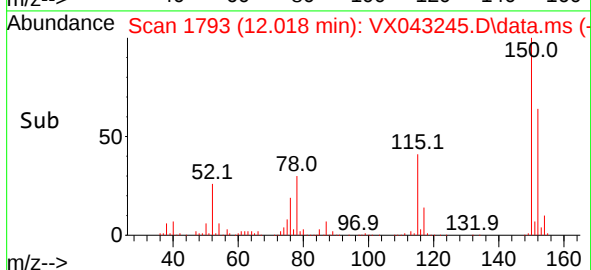
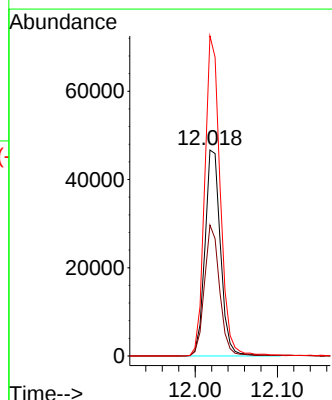
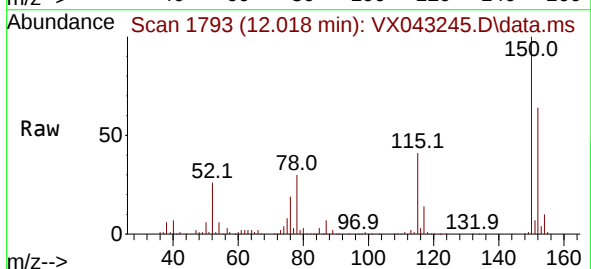
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

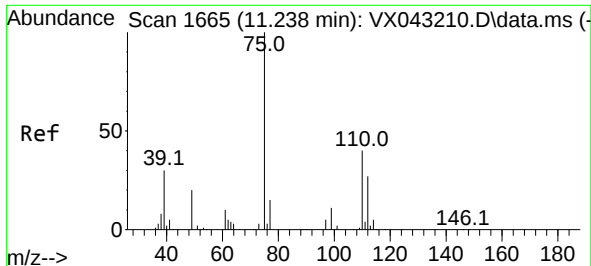
Tgt Ion:117 Resp: 139562
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion:152 Resp: 61287
Ion Ratio Lower Upper
152 100
115 61.7 44.1 132.3
150 154.9 0.0 347.4

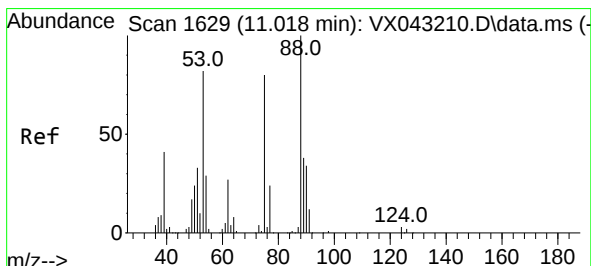
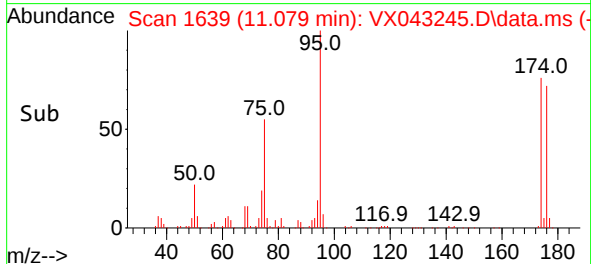
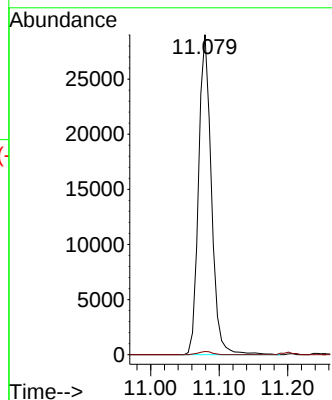
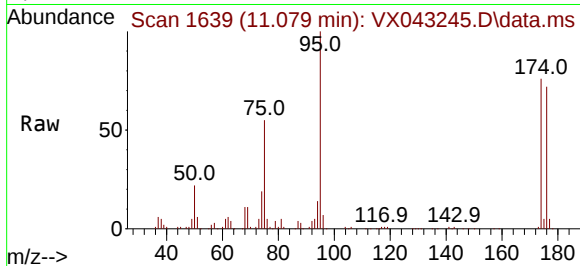




#76
1,2,3-Trichloropropane
Concen: 27.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

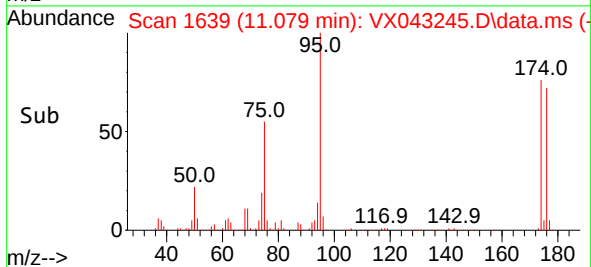
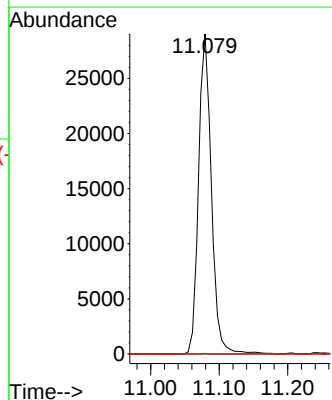
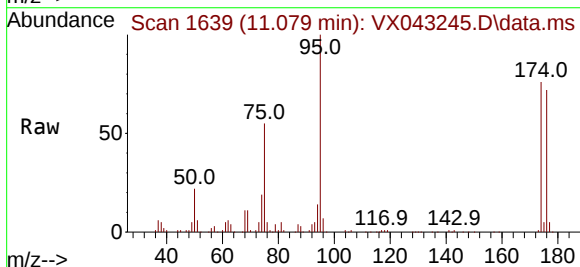
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

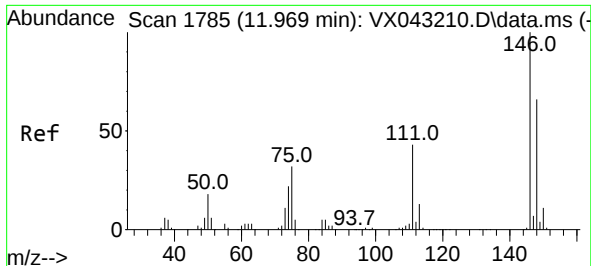
Tgt Ion: 75 Resp: 37824
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion: 75 Resp: 37824
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#





#87

1,3-Dichlorobenzene

Concen: 0.229 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBL01

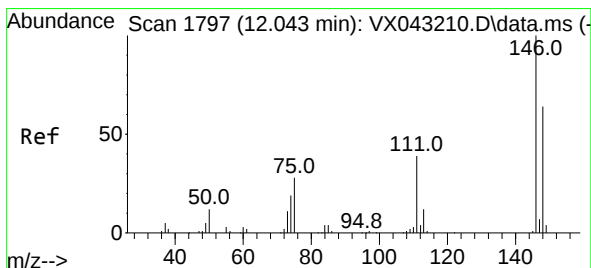
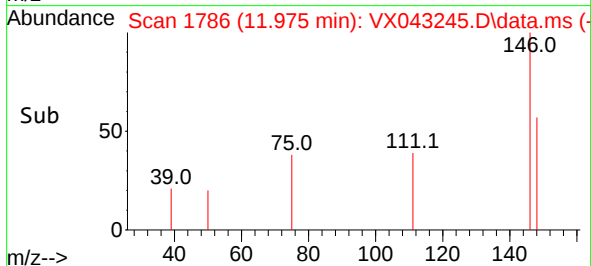
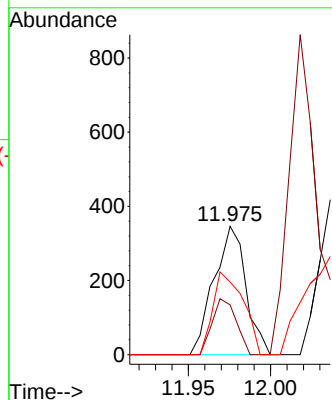
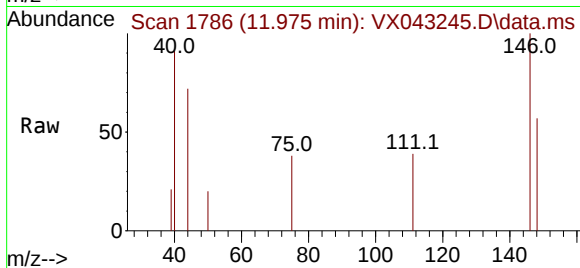
Tgt Ion:146 Resp: 467

Ion Ratio Lower Upper

146 100

111 32.8 21.8 65.3

148 61.0 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 0.222 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

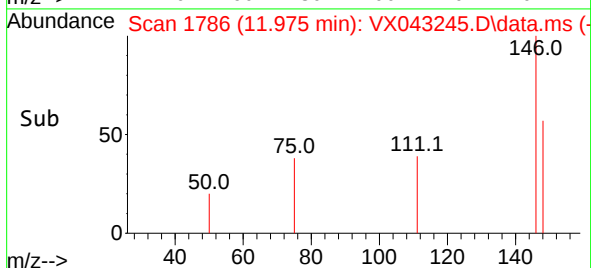
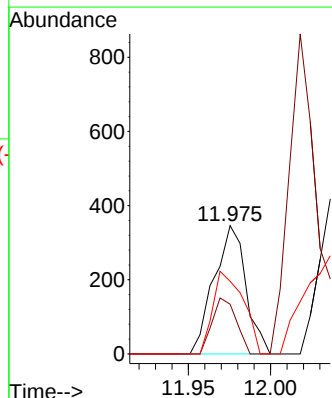
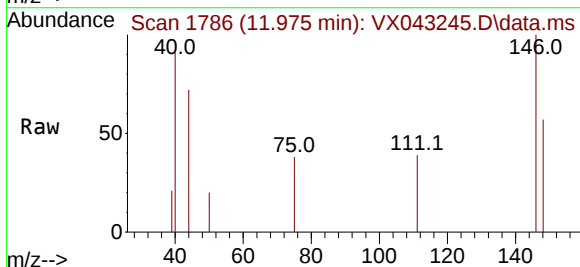
Tgt Ion:146 Resp: 467

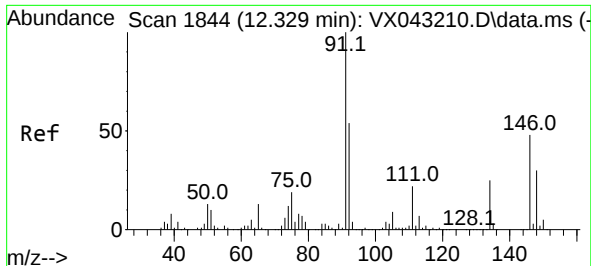
Ion Ratio Lower Upper

146 100

111 32.8 20.8 62.5

148 61.0 32.4 97.0





#89

n-Butylbenzene

Concen: 0.254 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBL01

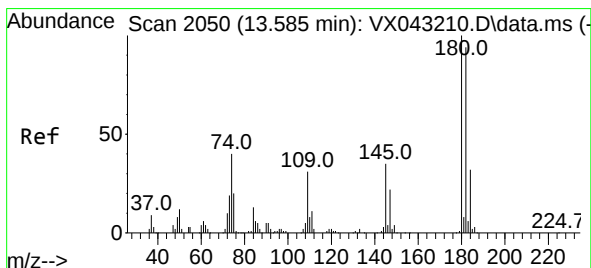
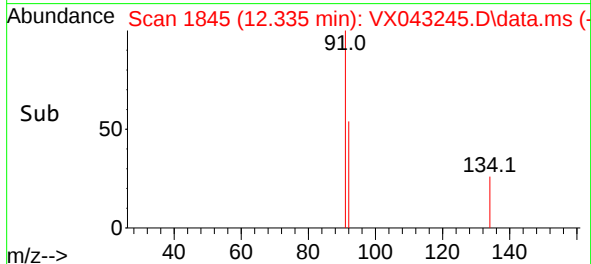
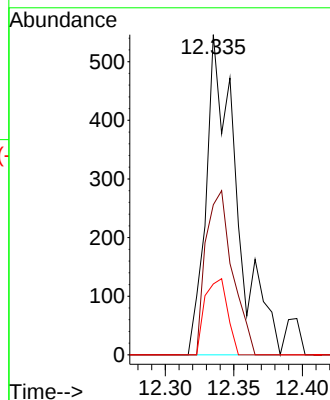
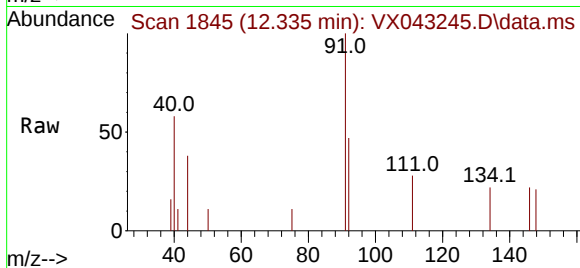
Tgt Ion: 91 Resp: 852

Ion Ratio Lower Upper

91 100

92 44.5 27.0 81.0

134 17.5 12.9 38.6



#93

1,2,4-Trichlorobenzene

Concen: 0.597 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043245.D

Acq: 03 Oct 2024 08:37

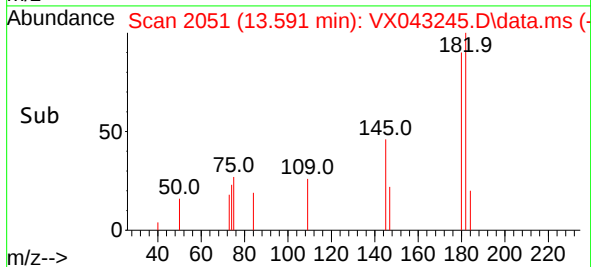
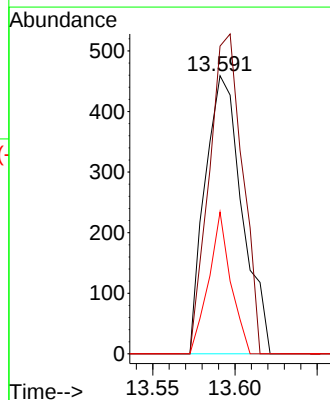
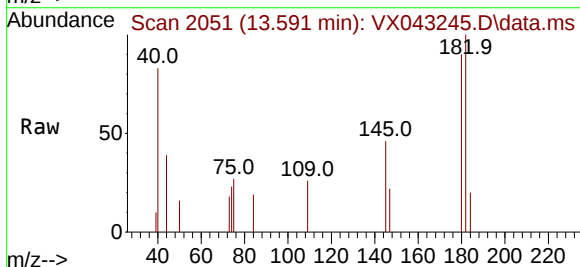
Tgt Ion: 180 Resp: 719

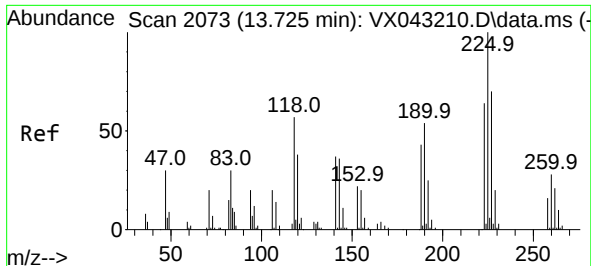
Ion Ratio Lower Upper

180 100

182 103.5 47.1 141.3

145 30.5 16.6 49.8

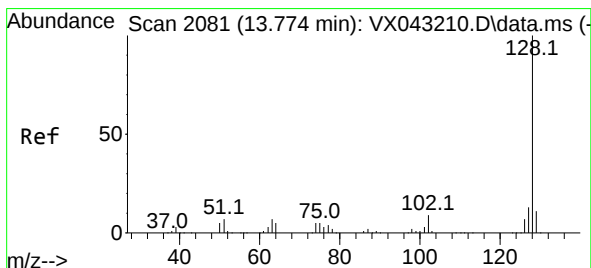
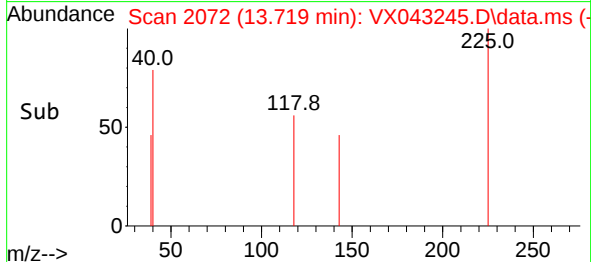
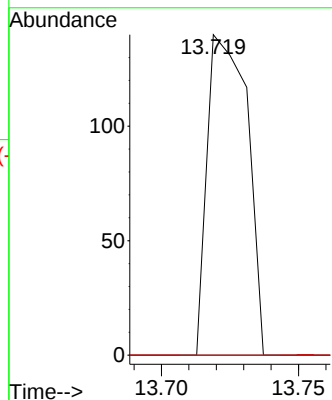
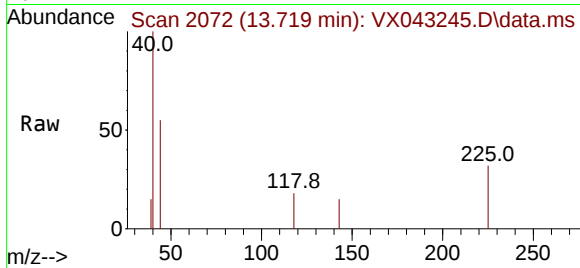




#94
Hexachlorobutadiene
Concen: 0.297 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

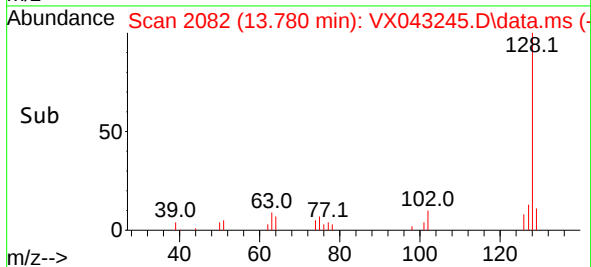
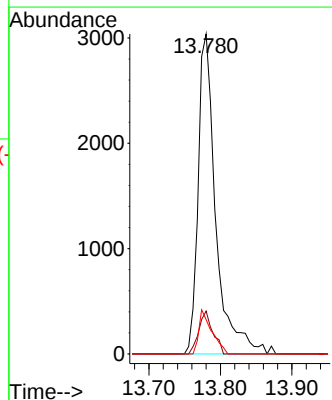
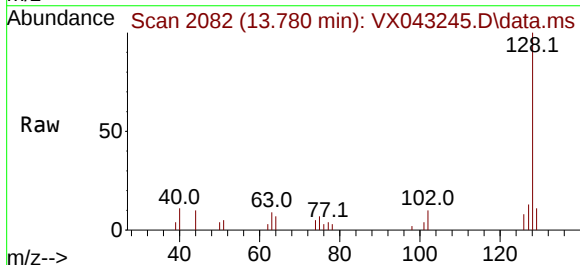
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

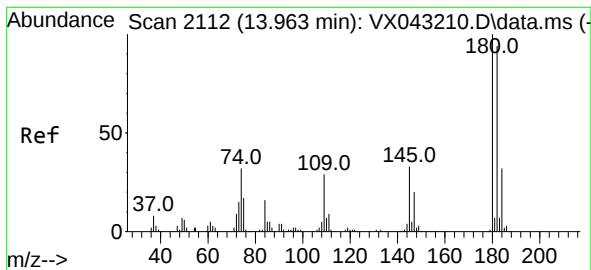
Tgt Ion:225 Resp: 142
Ion Ratio Lower Upper
225 100
223 0.0 30.8 92.4#
227 0.0 32.2 96.6#



#95
Naphthalene
Concen: 1.179 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043245.D
Acq: 03 Oct 2024 08:37

Tgt Ion:128 Resp: 5219
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.2
129 10.1 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.709 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043245.D

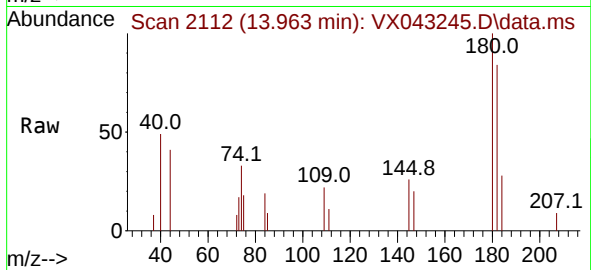
Acq: 03 Oct 2024 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBL01



Tgt Ion:180 Resp: 881

Ion Ratio Lower Upper

180 100

182 93.4 46.5 139.3

145 39.5 17.2 51.6

