

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043299.D
 Acq On : 07 Oct 2024 09:09
 Operator : JC/MD
 Sample : VX1007MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007MBL01

Quant Time: Oct 08 01:40:06 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

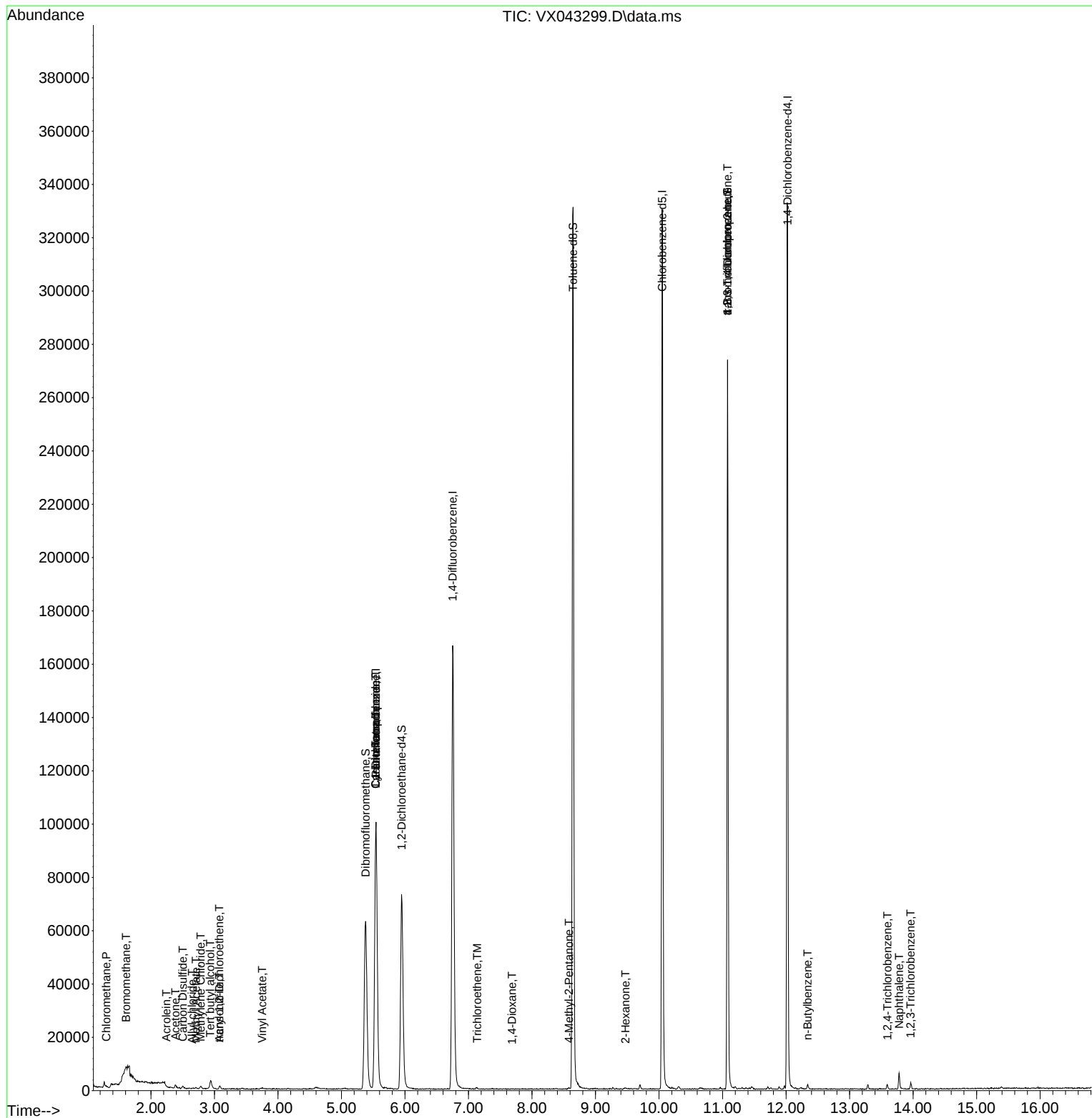
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	170558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74735	50.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	5.379	113	56673	48.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.360%	
50) Toluene-d8	8.647	98	201884	49.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	11.079	95	73348	49.531	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.060%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	245	0.225	ug/l #	42
5) Bromomethane	1.605	94	297	0.667	ug/l #	78
11) Tert butyl alcohol	2.934	59	1707	6.046	ug/l #	71
13) Acrolein	2.239	56	360	1.350	ug/l #	56
14) Allyl chloride	2.648	41	375	0.226	ug/l #	72
15) Acrylonitrile	3.075	53	329	0.571	ug/l #	80
16) Acetone	2.386	43	1258	2.031	ug/l #	89
17) Carbon Disulfide	2.502	76	1076	0.438	ug/l #	79
18) Methyl Acetate	2.709	43	695	0.447	ug/l #	64
20) Methylene Chloride	2.782	84	469	0.411	ug/l #	71
21) trans-1,2-Dichloroethene	3.075	96	236	0.235	ug/l #	52
23) Vinyl Acetate	3.751	43	903	6.582	ug/l #	71
31) Cyclohexane	5.538	56	2403	1.501	ug/l #	12
36) 1,1-Dichloropropene	5.538	75	8073	5.433	ug/l #	45
38) Carbon Tetrachloride	5.538	117	10005	5.688	ug/l #	15
44) Trichloroethene	7.135	130	244	0.204	ug/l	92
49) 1,4-Dioxane	7.684	88	33	1.174	ug/l #	20
51) 4-Methyl-2-Pentanone	8.580	43	512	0.286	ug/l #	56
59) 2-Hexanone	9.470	43	615	0.454	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	40176	27.087	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40176	70.201	ug/l #	8
89) n-Butylbenzene	12.341	91	777	0.212	ug/l	90
93) 1,2,4-Trichlorobenzene	13.597	180	693	0.527	ug/l	84
95) Naphthalene	13.780	128	4762	0.986	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	760	0.561	ug/l	93

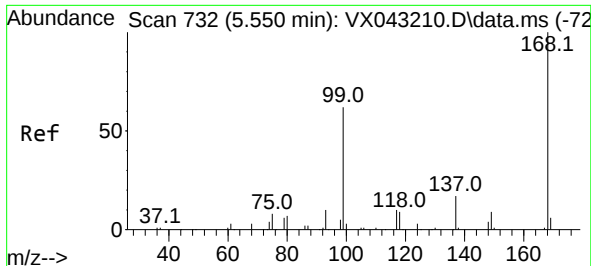
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

Quant Time: Oct 08 01:40:06 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

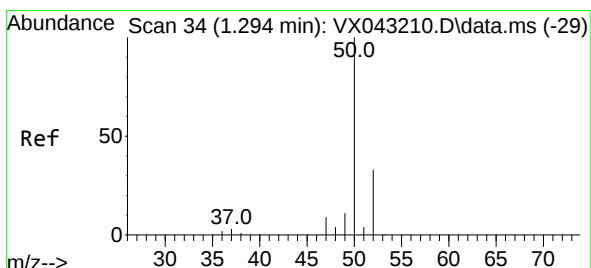
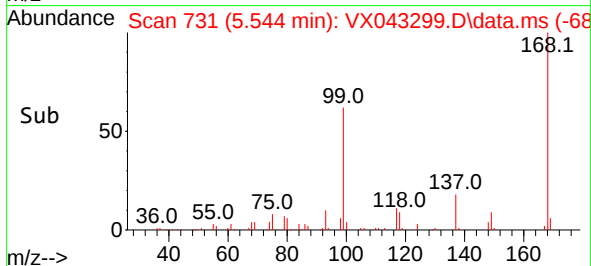
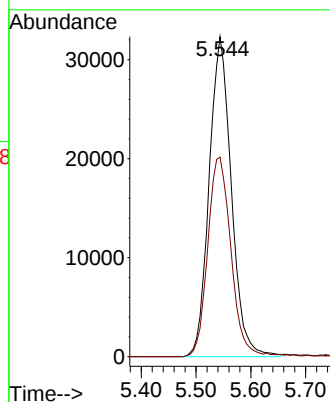
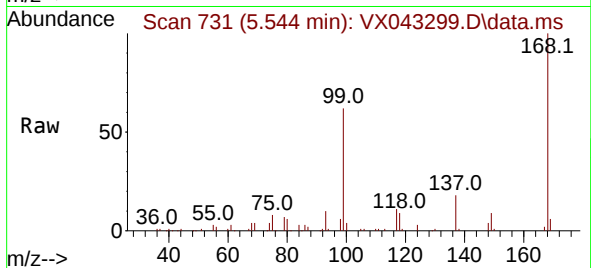




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

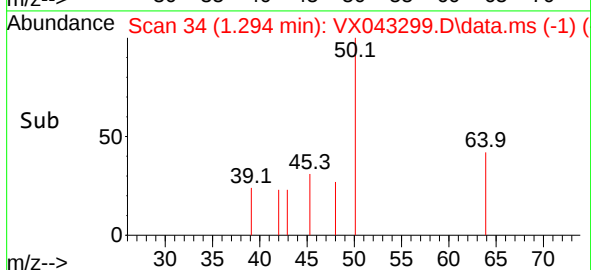
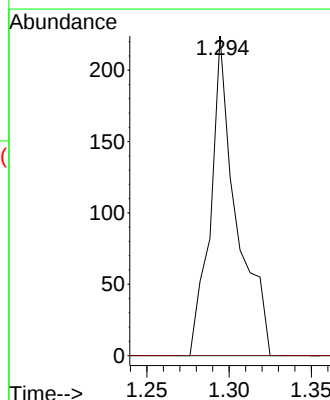
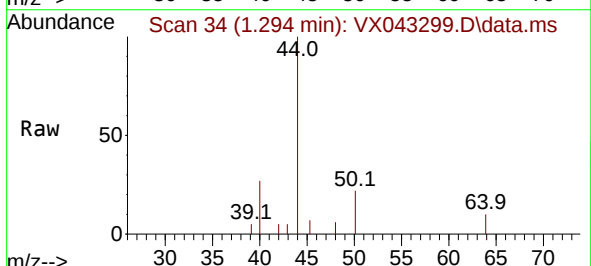
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

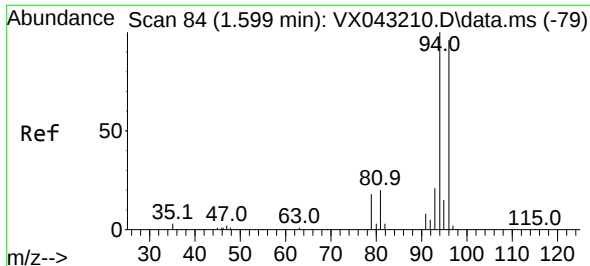
Tgt Ion:168 Resp: 90840
Ion Ratio Lower Upper
168 100
99 62.3 49.7 74.5



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

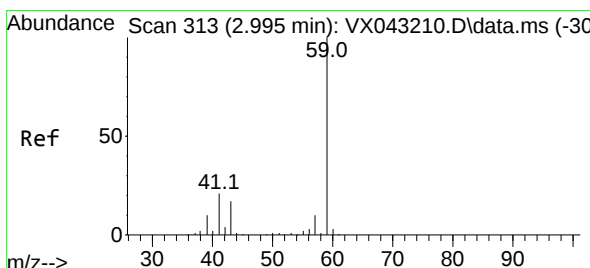
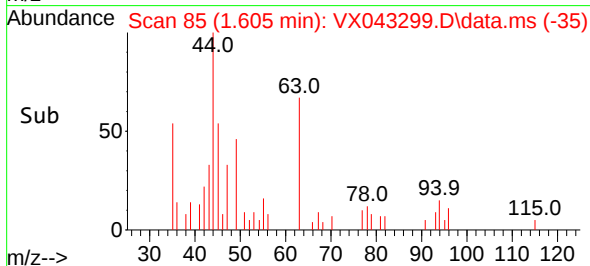
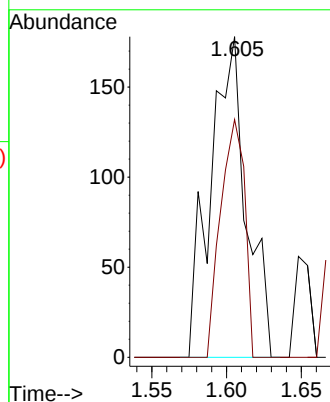
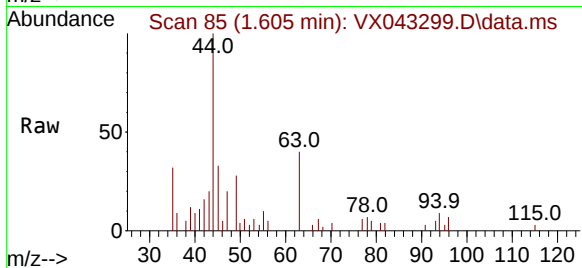




#5
Bromomethane
Concen: 0.667 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

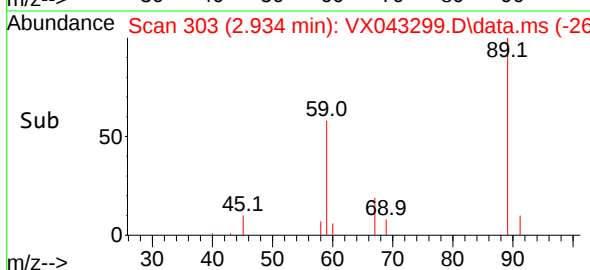
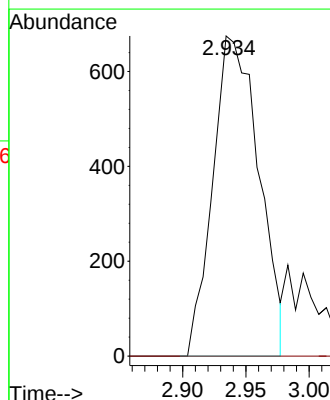
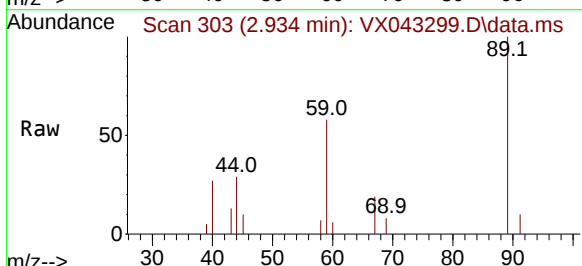
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

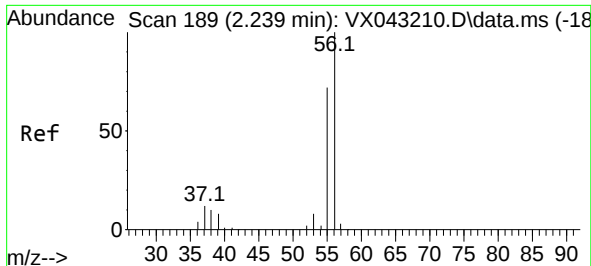
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 74.2 76.6 115.0#



#11
Tert butyl alcohol
Concen: 6.046 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 59 Resp: 1707
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#





#13

Acrolein

Concen: 1.350 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

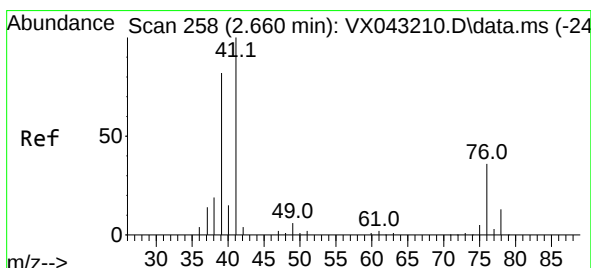
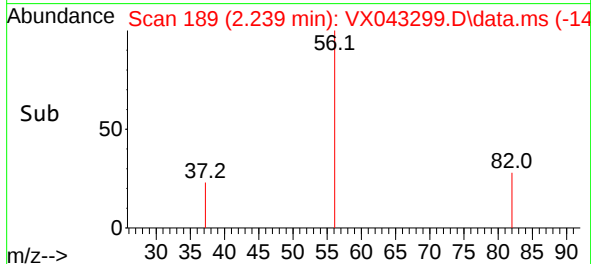
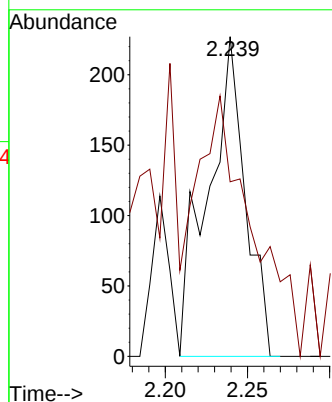
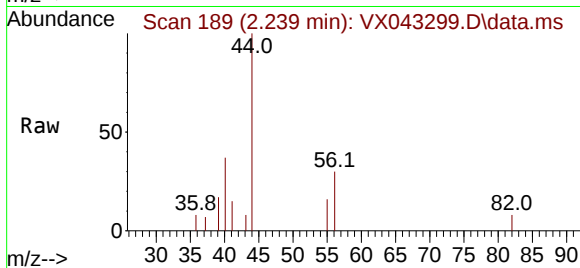
VX1007MBL01

Tgt Ion: 56 Resp: 360

Ion Ratio Lower Upper

56 100

55 108.3 57.4 86.0#



#14

Allyl chloride

Concen: 0.226 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.012 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

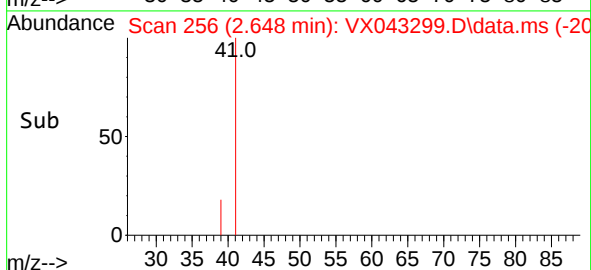
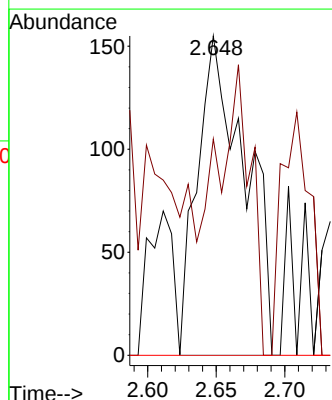
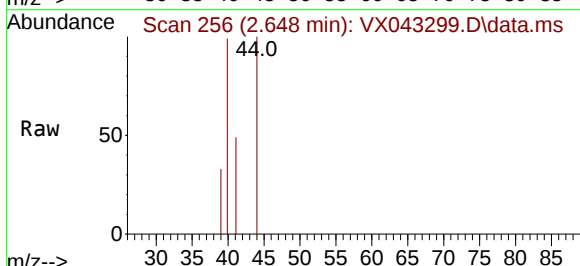
Tgt Ion: 41 Resp: 375

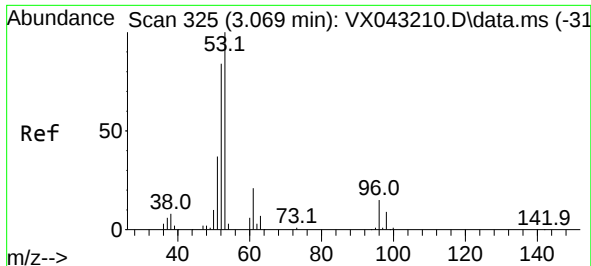
Ion Ratio Lower Upper

41 100

39 66.7 61.7 92.5

76 0.0 28.6 43.0#





#15

Acrylonitrile

Concen: 0.571 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

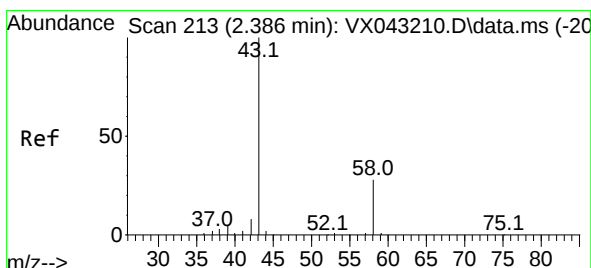
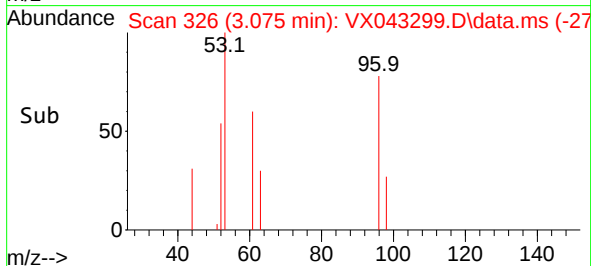
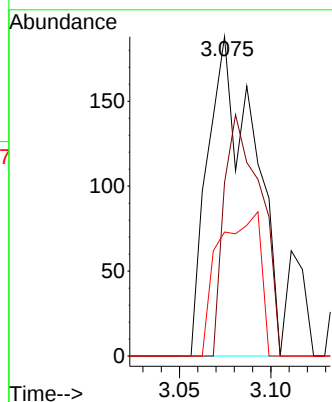
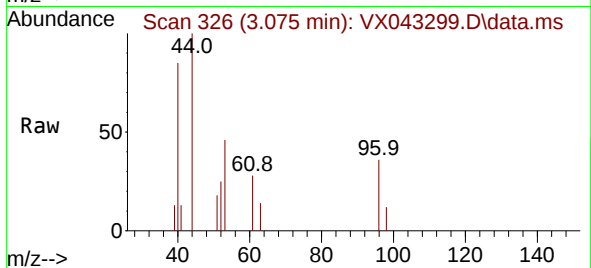
Tgt Ion: 53 Resp: 329

Ion Ratio Lower Upper

53 100

52 60.5 67.6 101.4#

51 41.0 30.3 45.5



#16

Acetone

Concen: 2.031 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043299.D

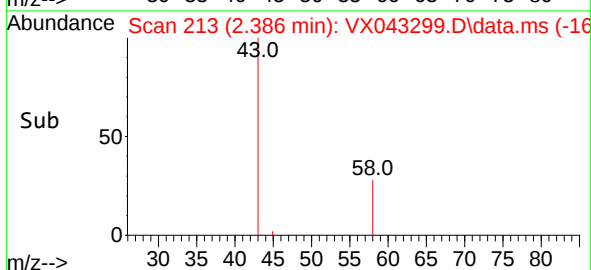
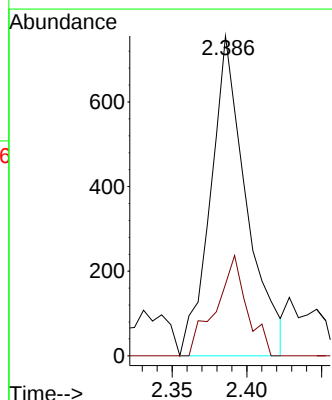
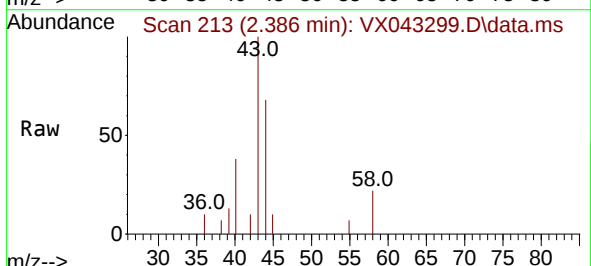
Acq: 07 Oct 2024 09:09

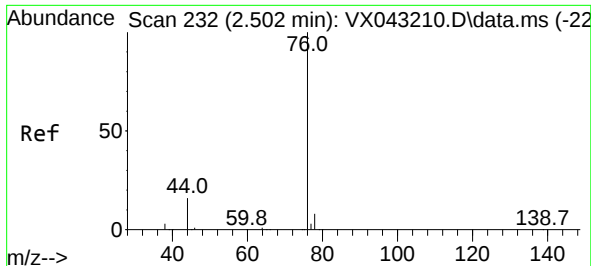
Tgt Ion: 43 Resp: 1258

Ion Ratio Lower Upper

43 100

58 22.4 22.6 33.8#

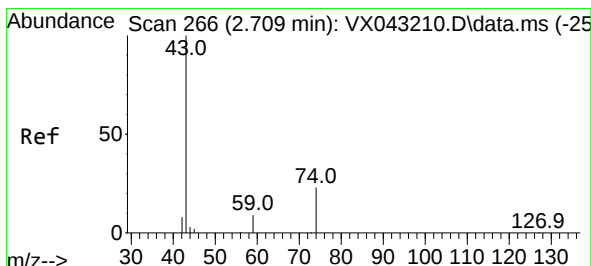
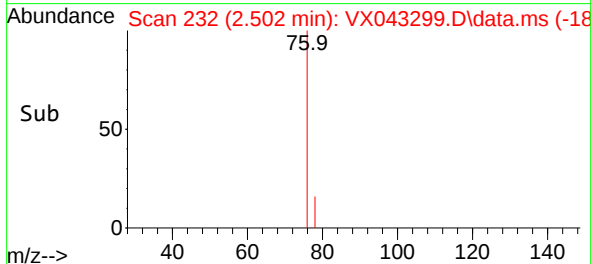
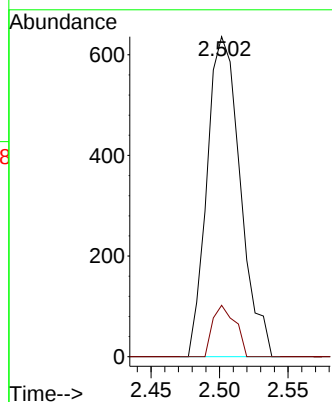
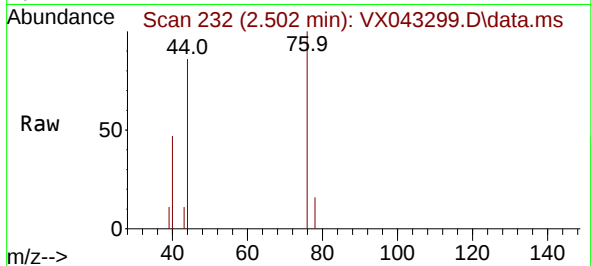




#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

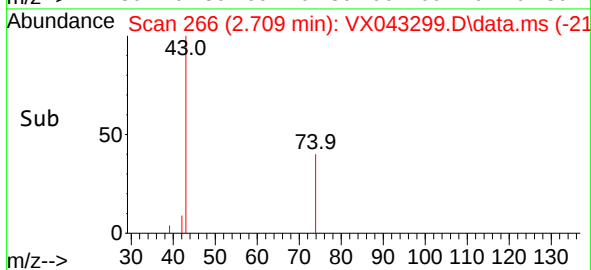
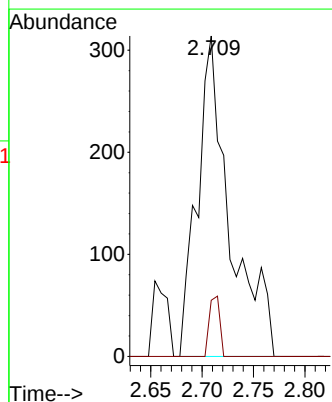
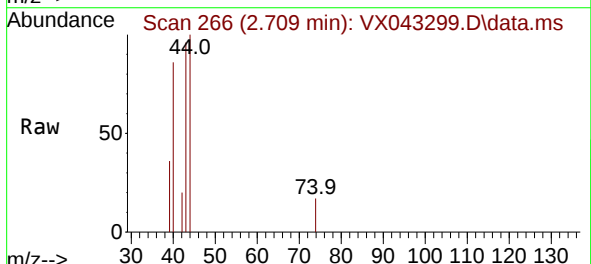
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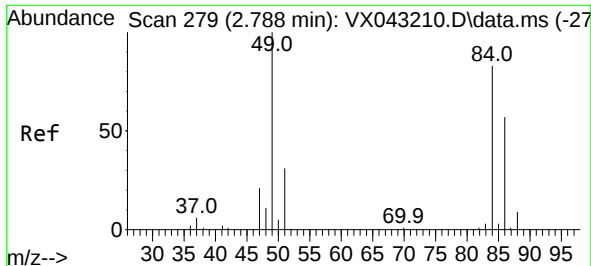
Tgt Ion: 76 Resp: 1076
Ion Ratio Lower Upper
76 100
78 16.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
74 6.0 19.1 28.7#

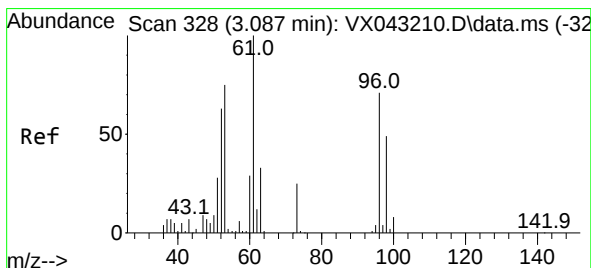
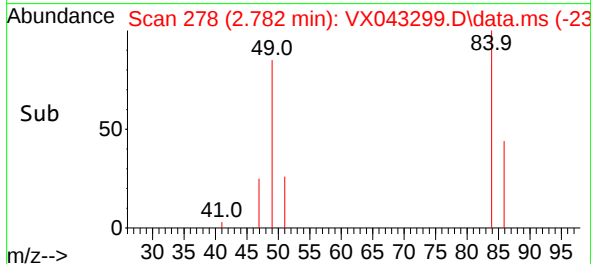
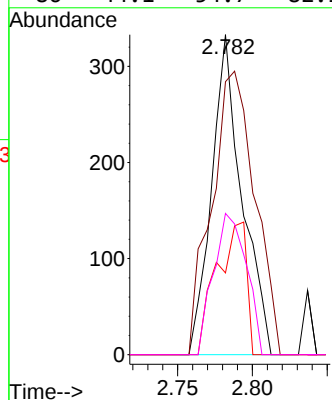
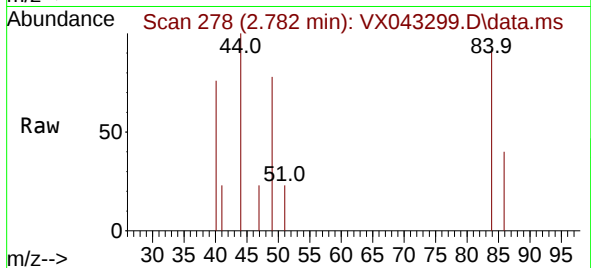




#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

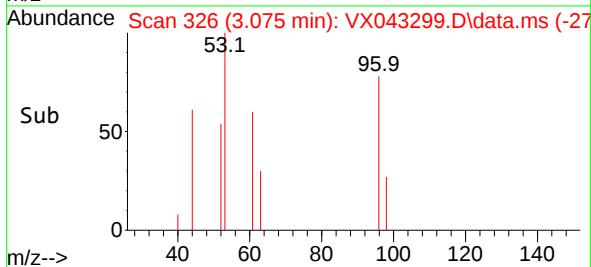
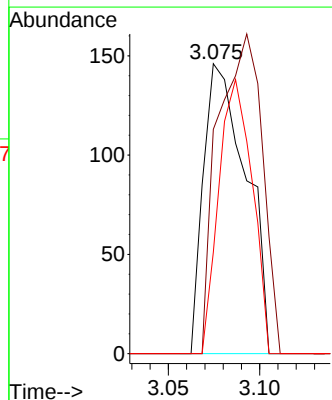
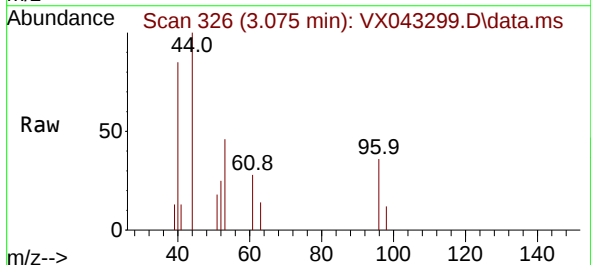
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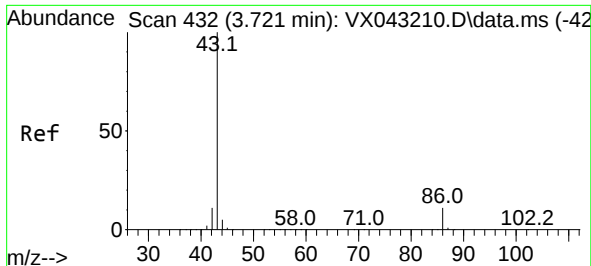
Tgt Ion: 84 Resp: 469
Ion Ratio Lower Upper
84 100
49 85.3 96.7 145.1#
51 25.5 30.4 45.6#
86 44.1 54.7 82.1#



#21
trans-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 96 Resp: 236
Ion Ratio Lower Upper
96 100
61 77.4 112.3 168.5#
98 34.9 54.6 82.0#

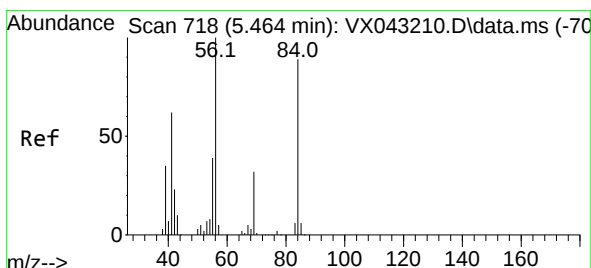
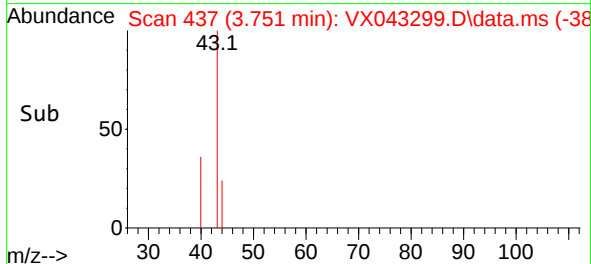
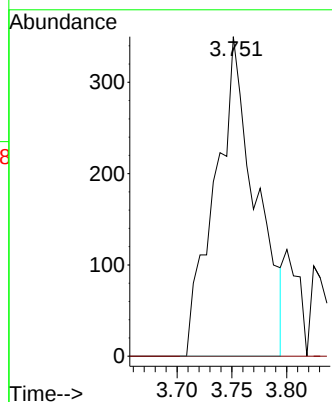
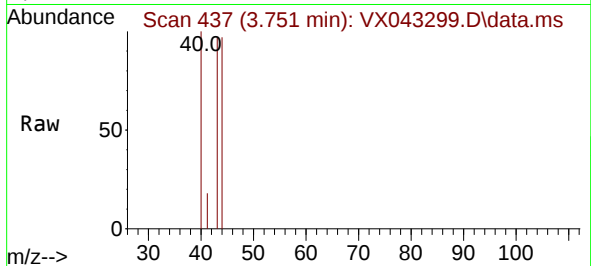




#23
 Vinyl Acetate
 Concen: 6.582 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX043299.D
 Acq: 07 Oct 2024 09:09

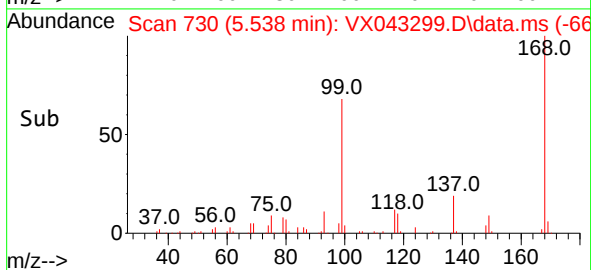
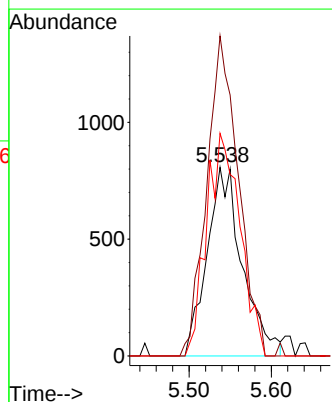
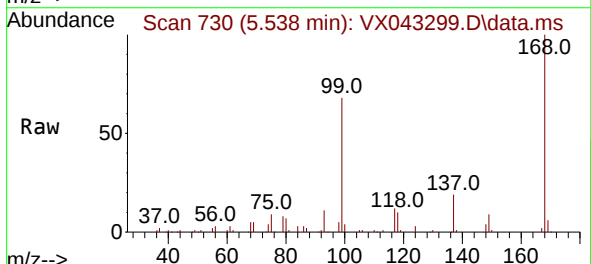
Instrument :
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 ClientSampleId :
 VX1007MBL01

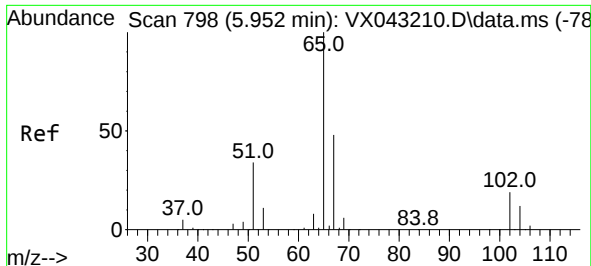
Tgt Ion: 43 Resp: 903
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.501 ug/l
 RT: 5.538 min Scan# 730
 Delta R.T. 0.073 min
 Lab File: VX043299.D
 Acq: 07 Oct 2024 09:09

Tgt Ion: 56 Resp: 2403
 Ion Ratio Lower Upper
 56 100
 69 169.6 25.8 38.6#
 84 117.9 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 50.376 ug/l

RT: 5.946 min Scan# 74

Delta R.T. -0.006 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

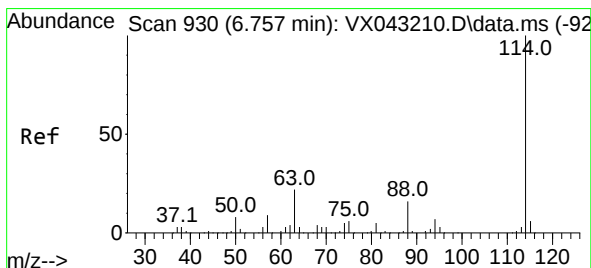
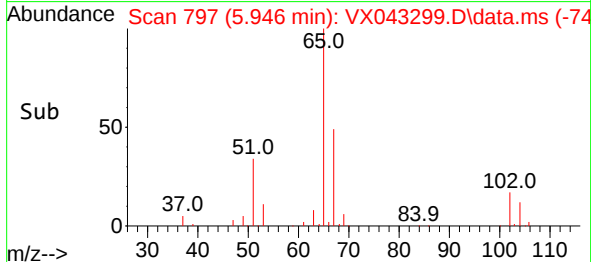
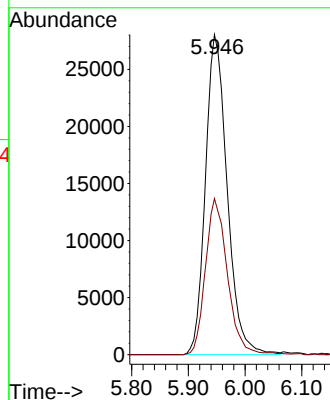
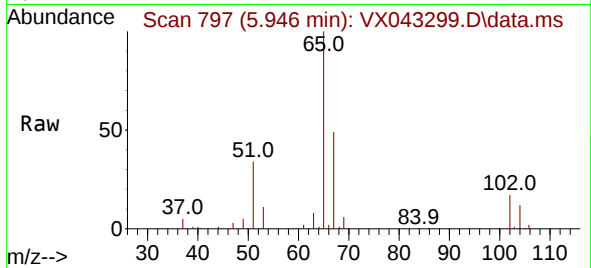
VX1007MBL01

Tgt Ion: 65 Resp: 74735

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

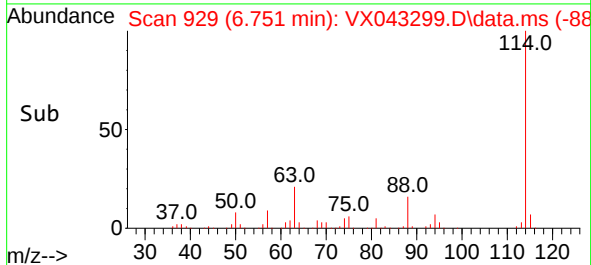
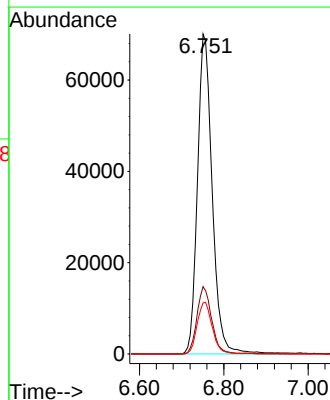
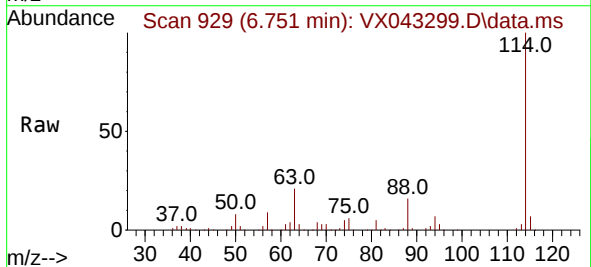
Tgt Ion: 114 Resp: 170558

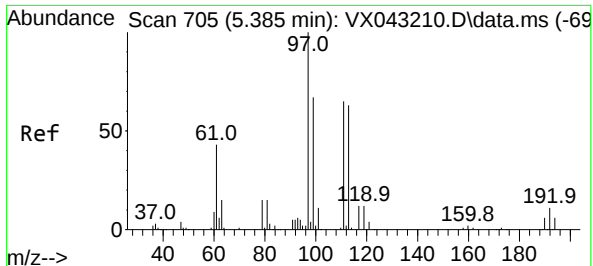
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 16.0 0.0 33.0

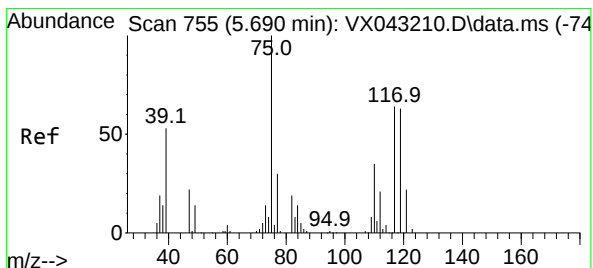
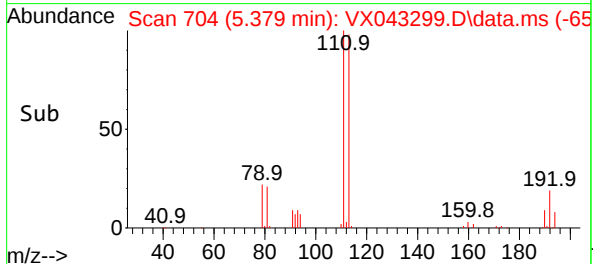
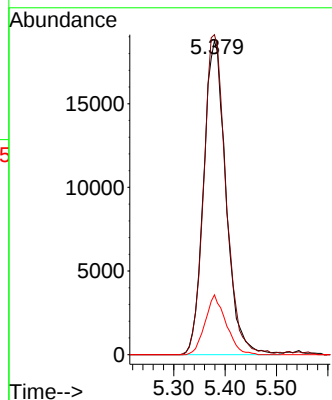
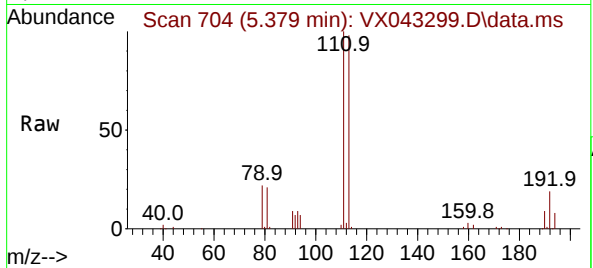




#35
Dibromofluoromethane
Concen: 48.182 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

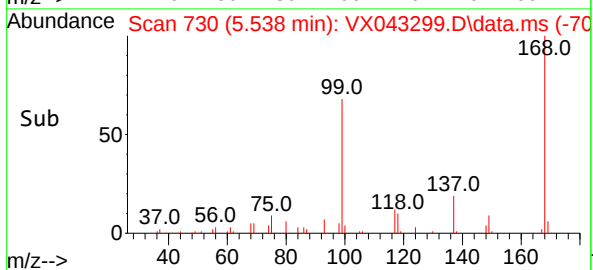
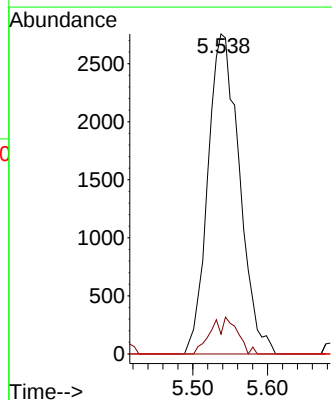
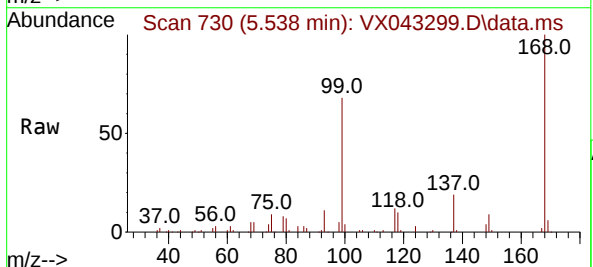
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

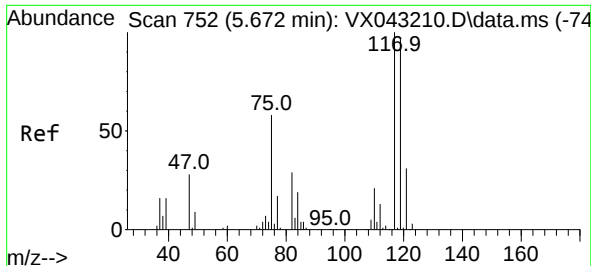
Tgt Ion:113 Resp: 56673
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.0
192 17.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 75 Resp: 8073
Ion Ratio Lower Upper
75 100
110 4.4 17.8 53.3#
77 0.0 24.9 37.3#

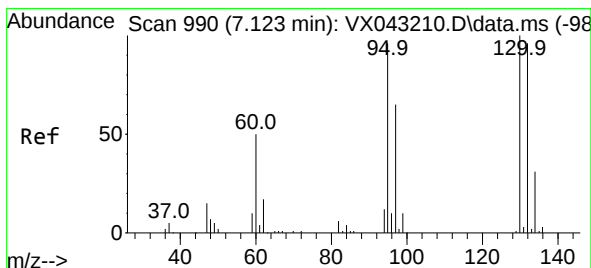
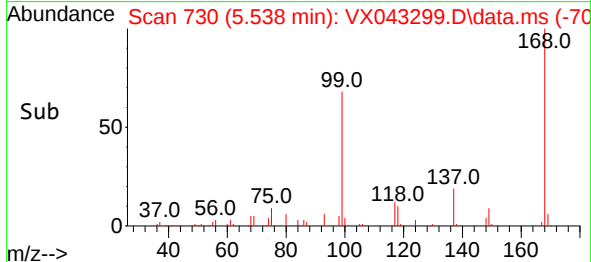
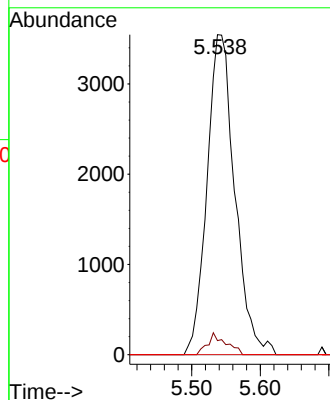
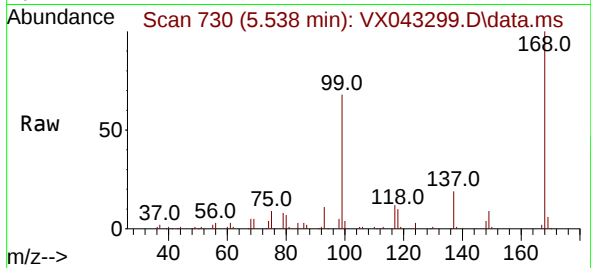




#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

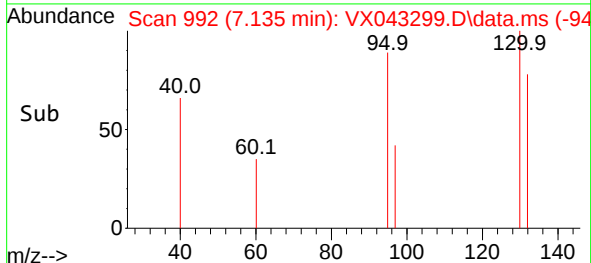
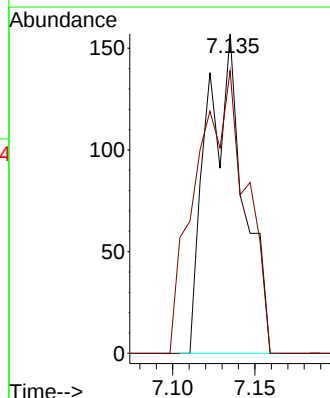
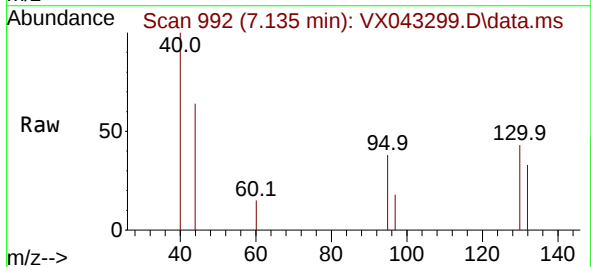
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

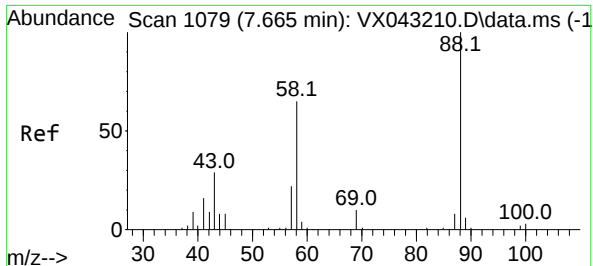
Tgt Ion:117 Resp: 10005
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 0.204 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion:130 Resp: 244
Ion Ratio Lower Upper
130 100
95 88.5 0.0 192.2





#49

1,4-Dioxane

Concen: 1.174 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

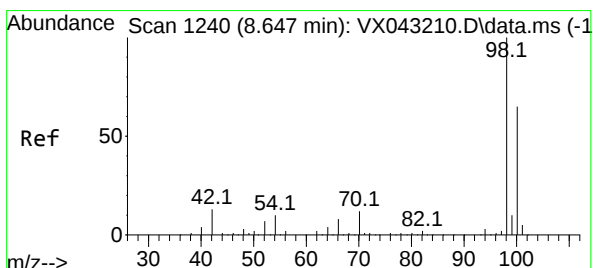
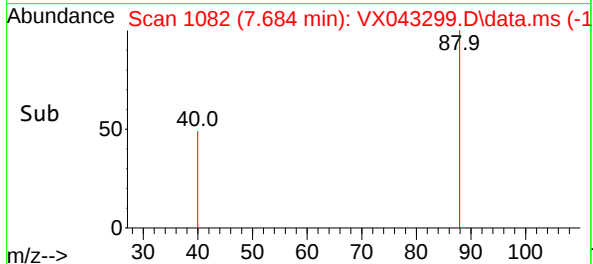
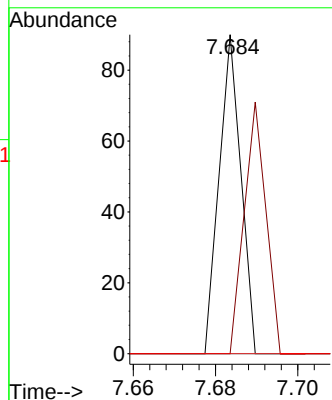
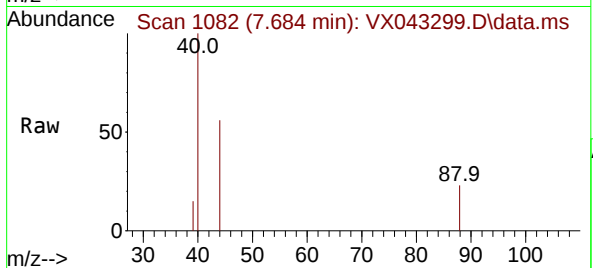
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 78.8 29.5 44.3#

58 0.0 55.2 82.8#



#50

Toluene-d8

Concen: 49.528 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043299.D

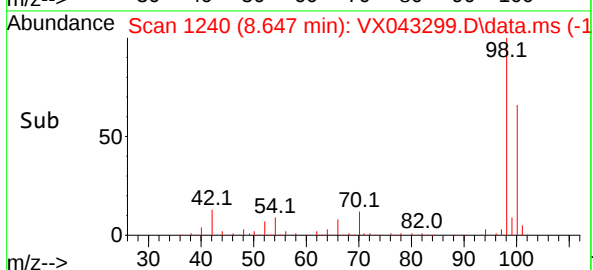
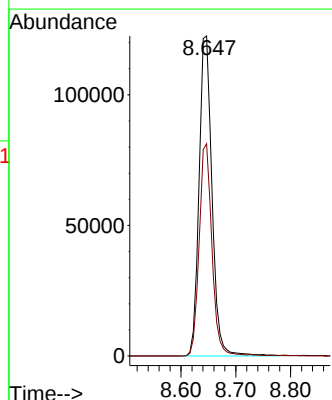
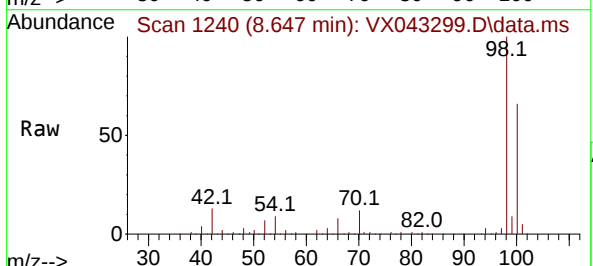
Acq: 07 Oct 2024 09:09

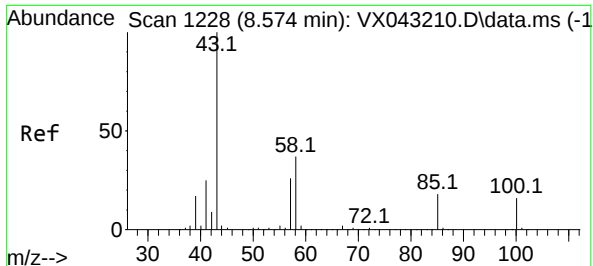
Tgt Ion: 98 Resp: 201884

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

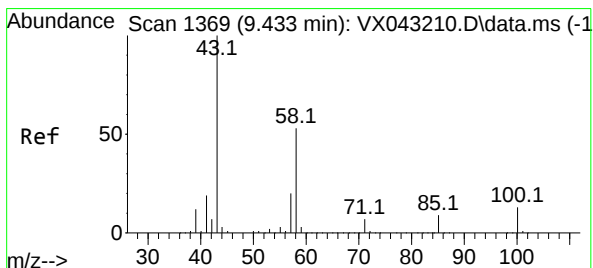
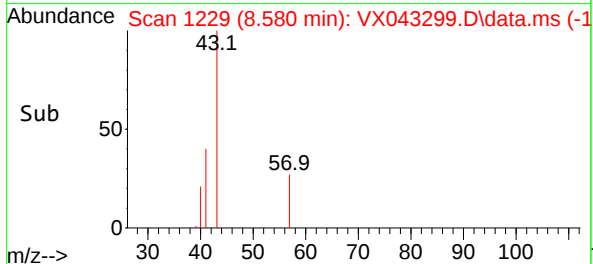
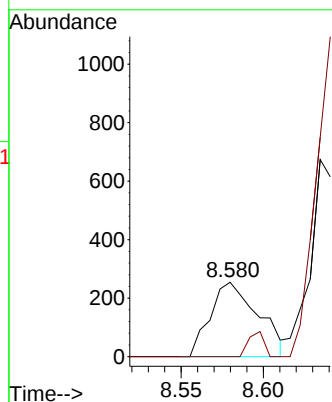
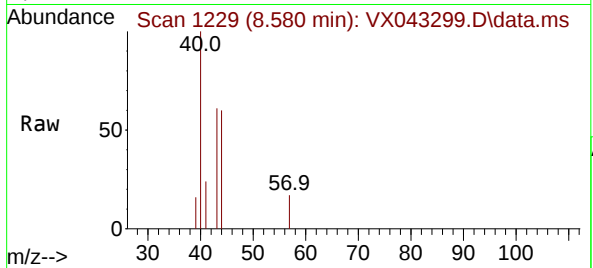




#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

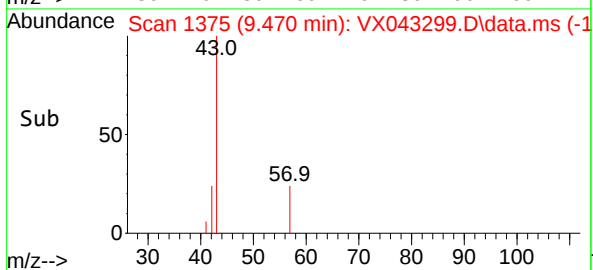
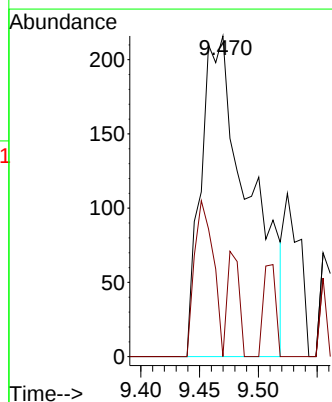
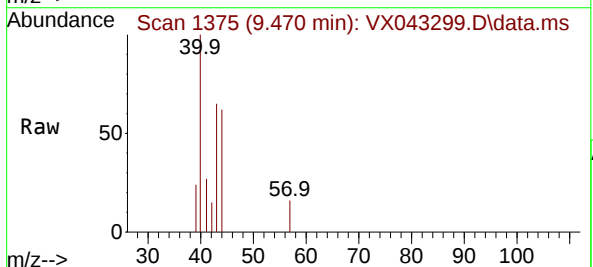
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

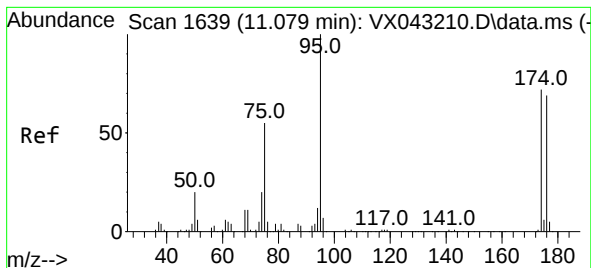
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 10.9 30.0 45.0#



#59
2-Hexanone
Concen: 0.454 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.037 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 8.0 26.1 78.3#

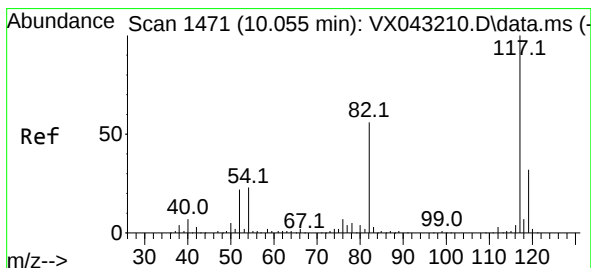
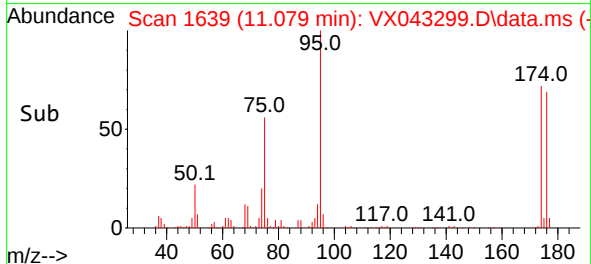
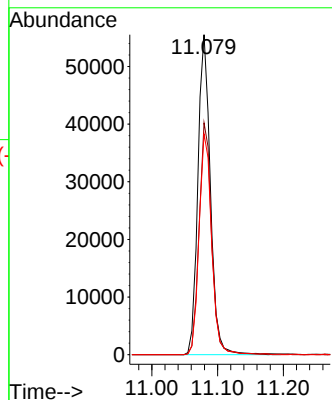
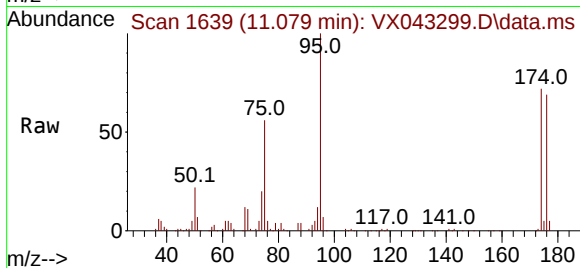




#62
4-Bromofluorobenzene
Concen: 49.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

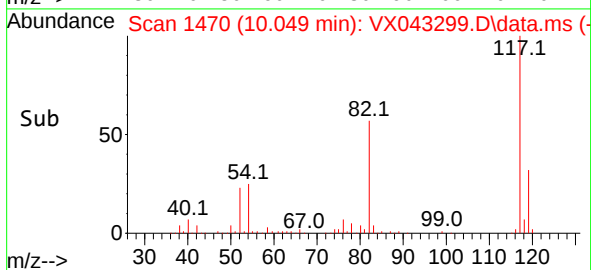
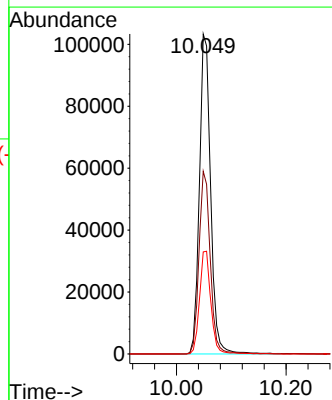
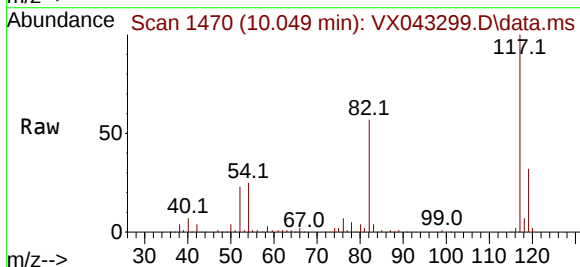
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

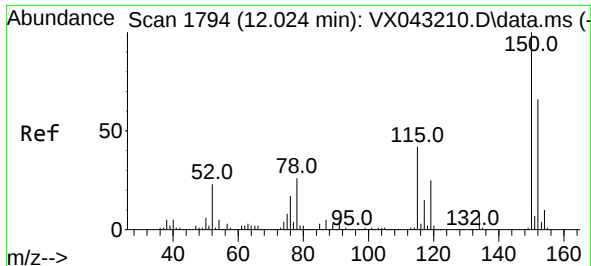
Tgt Ion: 95 Resp: 73348
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.0
176 69.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 117 Resp: 147105
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.6
119 31.9 25.3 37.9

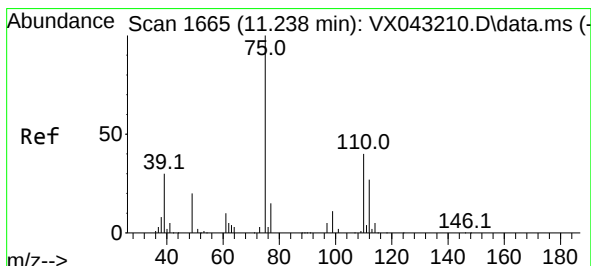
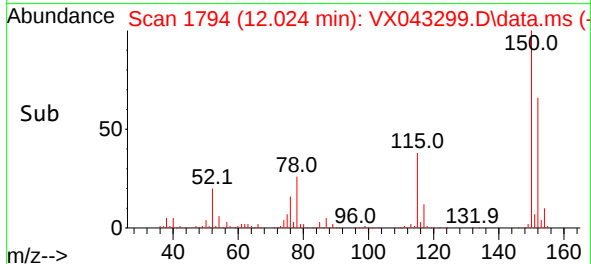
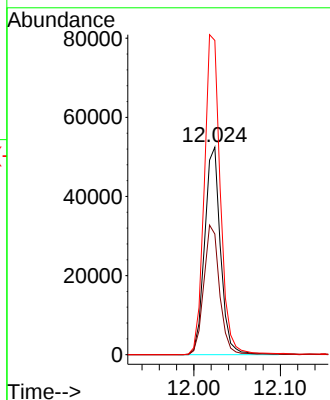
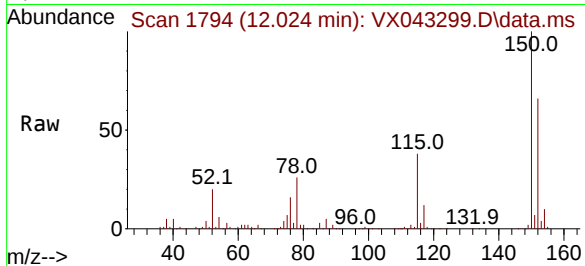




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043299.D
 Acq: 07 Oct 2024 09:09

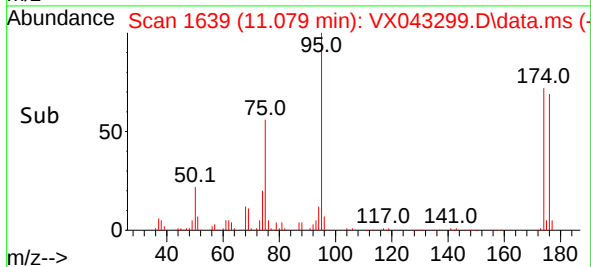
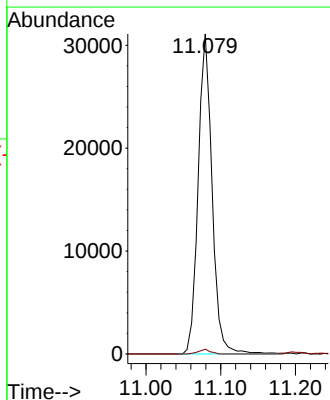
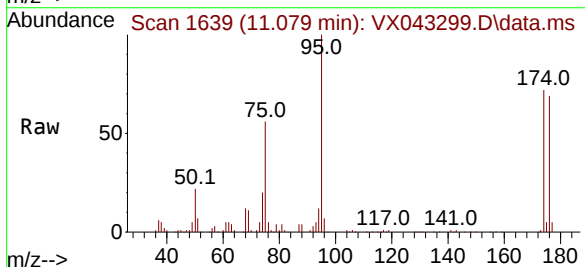
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007MBL01

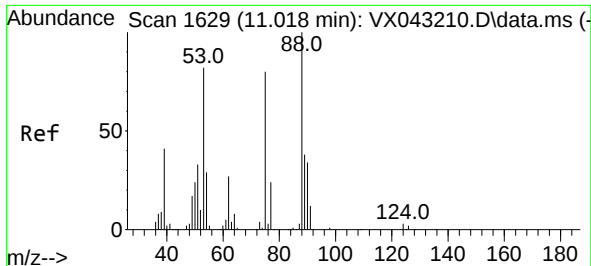
Tgt Ion:152 Resp: 66868
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.1 132.3
 150 156.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.087 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043299.D
 Acq: 07 Oct 2024 09:09

Tgt Ion: 75 Resp: 40176
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.0 66.0#

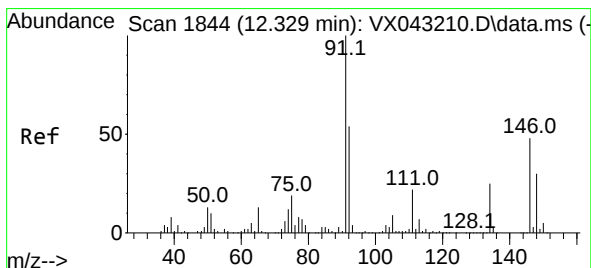
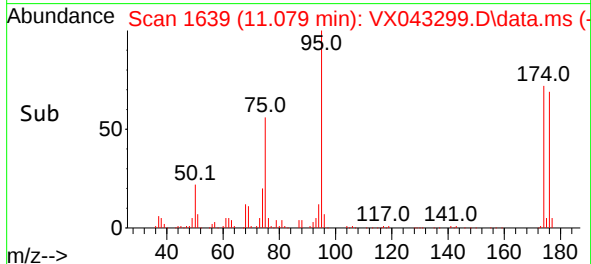
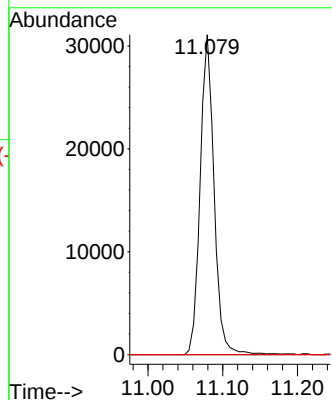
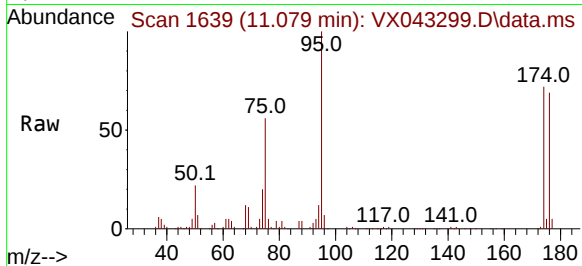




#81
trans-1,4-Dichloro-2-butene
Concen: 70.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

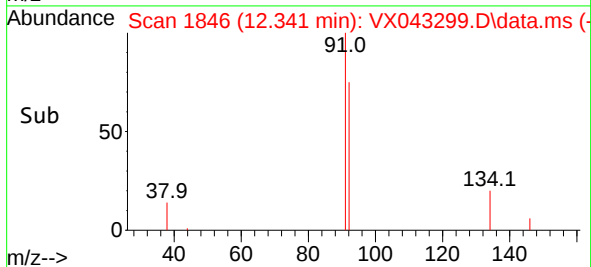
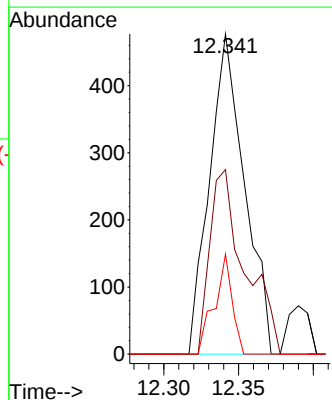
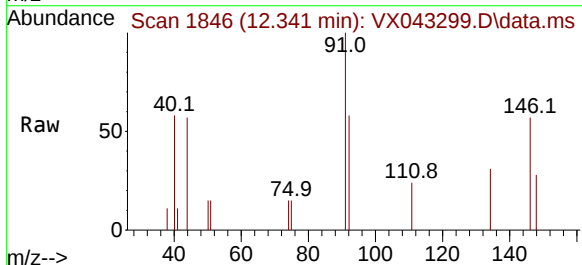
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

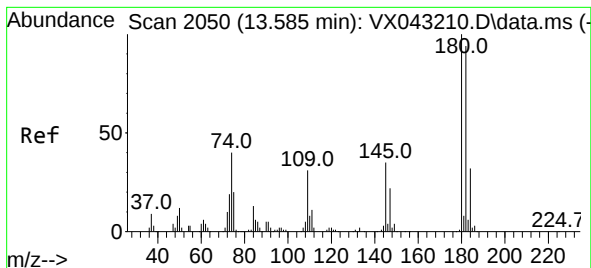
Tgt Ion: 75 Resp: 40176
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX043299.D
Acq: 07 Oct 2024 09:09

Tgt Ion: 91 Resp: 777
Ion Ratio Lower Upper
91 100
92 57.8 27.0 81.0
134 15.8 12.9 38.6





#93

1,2,4-Trichlorobenzene

Concen: 0.527 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

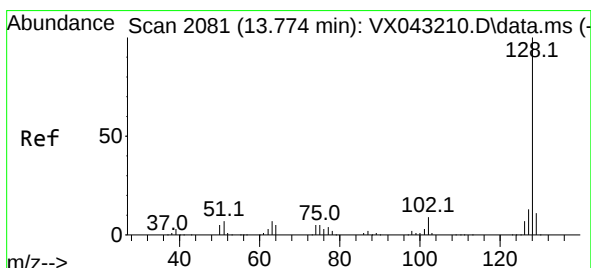
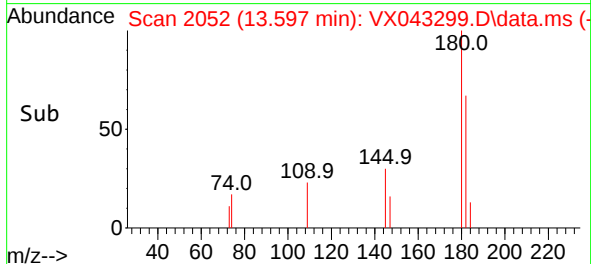
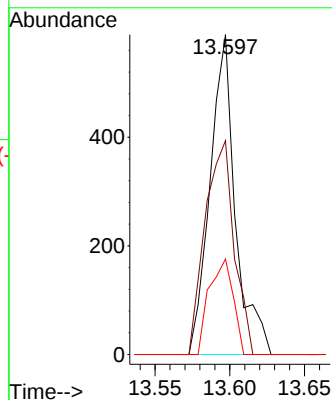
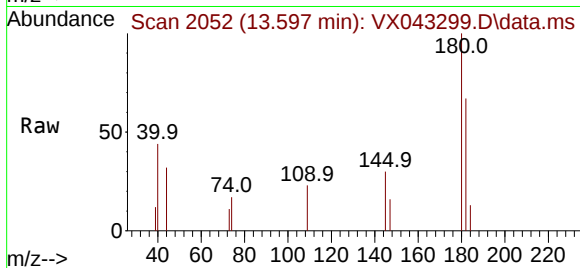
Tgt Ion:180 Resp: 693

Ion Ratio Lower Upper

180 100

182 76.3 47.1 141.3

145 28.1 16.6 49.8



#95

Naphthalene

Concen: 0.986 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043299.D

Acq: 07 Oct 2024 09:09

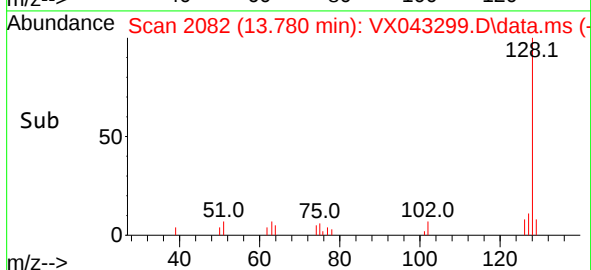
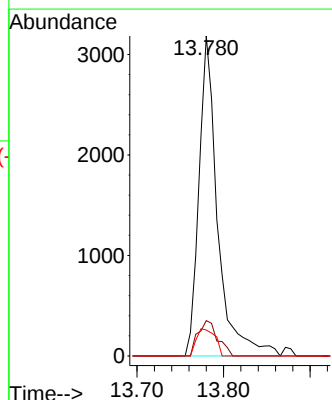
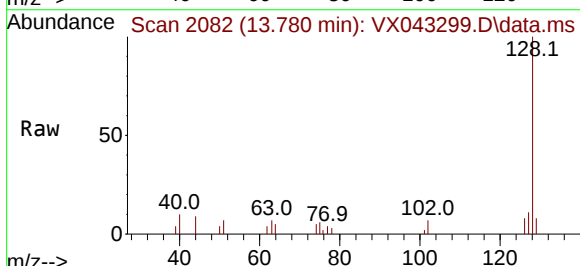
Tgt Ion:128 Resp: 4762

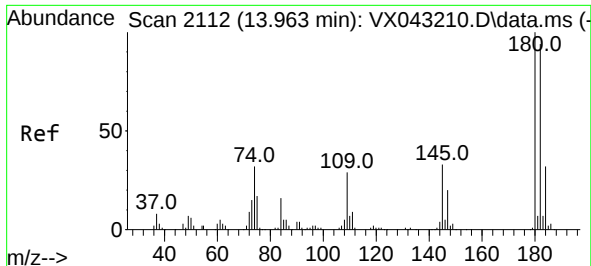
Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.2

129 8.4 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.561 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043299.D

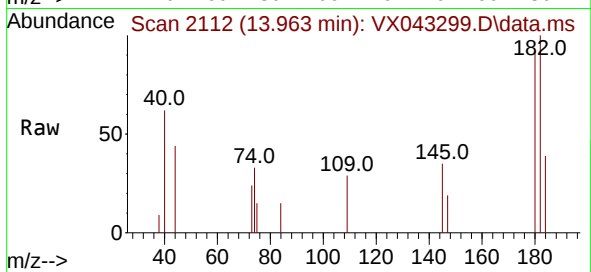
Acq: 07 Oct 2024 09:09

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01



Tgt Ion:180 Resp: 760

Ion Ratio Lower Upper

180 100

182 85.5 46.5 139.3

145 38.3 17.2 51.6

