

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043269.D
 Acq On : 03 Oct 2024 17:54
 Operator : JC/MD
 Sample : P4263-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 01:36:14 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)

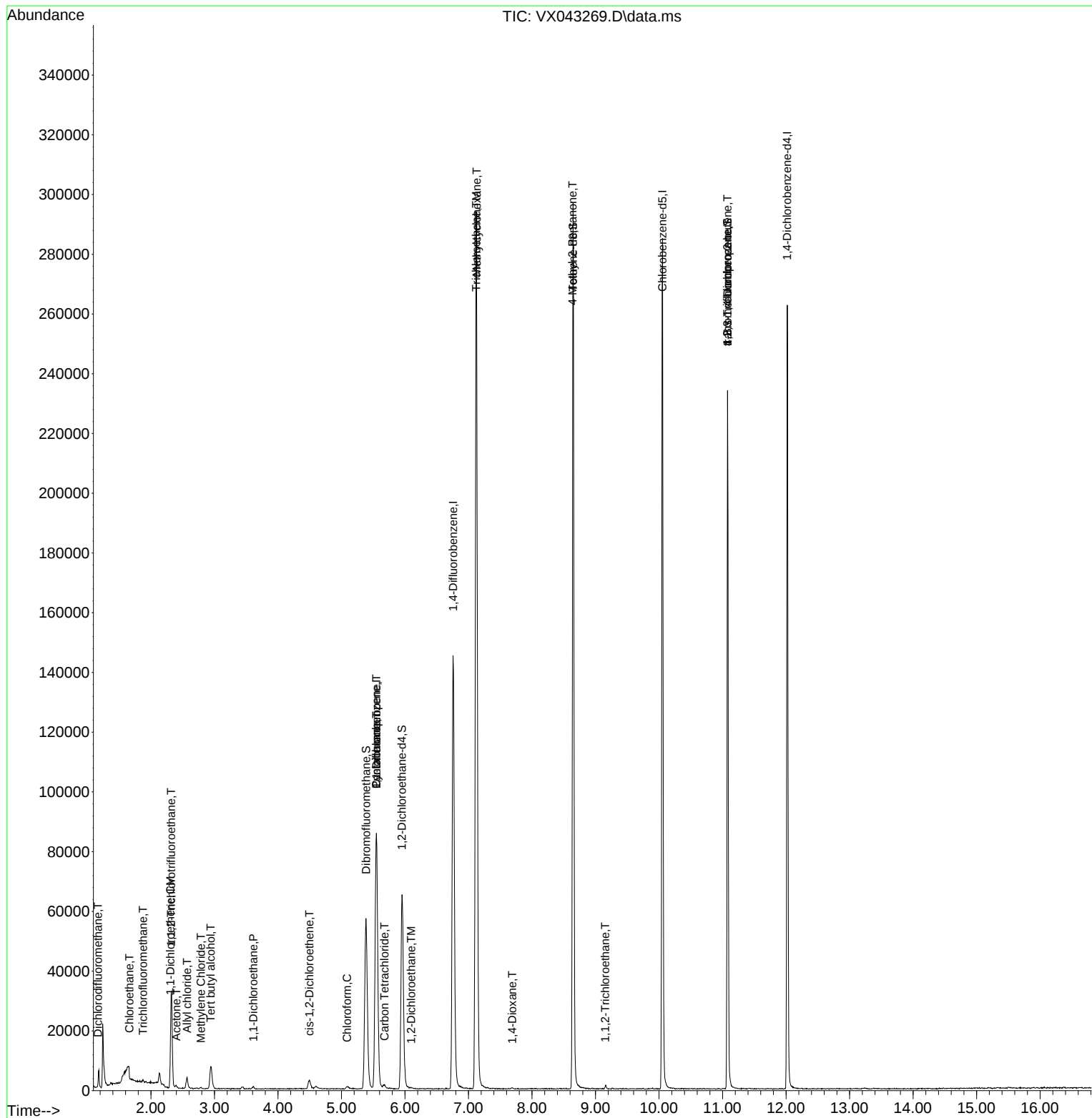
Internal Standards						
1) Pentafluorobenzene	5.550	168	79546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68642	52.838	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.680%	
35) Dibromofluoromethane	5.385	113	49983	48.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.560%	
50) Toluene-d8	8.647	98	177661	50.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	11.079	95	61829	47.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	680	0.735	ug/l	93
6) Chloroethane	1.660	64	101	0.284	ug/l #	42
7) Trichlorofluoromethane	1.874	101	317	0.222	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	11975	13.455	ug/l	98
11) Tert butyl alcohol	2.941	59	4965	20.084	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	813	0.920	ug/l #	86
14) Allyl chloride	2.569	41	486	0.335	ug/l #	17
16) Acetone	2.398	43	829	1.528	ug/l #	87
20) Methylene Chloride	2.788	84	207	0.207	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	1073	0.631	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1953	1.780	ug/l	96
30) Chloroform	5.086	83	625	0.335	ug/l #	75
31) Cyclohexane	5.550	56	2060	1.470	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	6562	5.069	ug/l #	50
38) Carbon Tetrachloride	5.678	117	922	0.602	ug/l #	70
39) Methylcyclohexane	7.129	83	1461	0.897	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	408	0.255	ug/l #	77
44) Trichloroethene	7.123	130	110070	105.732	ug/l	94
49) 1,4-Dioxane	7.690	88	310	12.658	ug/l #	41
51) 4-Methyl-2-Pentanone	8.641	43	936	0.600	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	413	0.422	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	33874	28.674	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33874	74.313	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

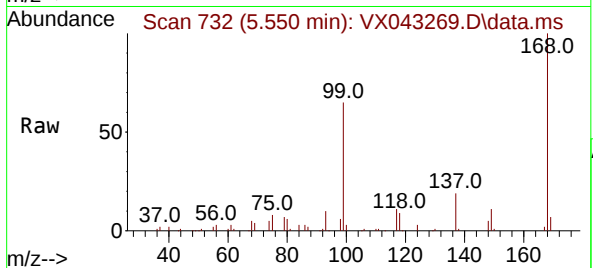
Quant Time: Oct 04 01:36:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



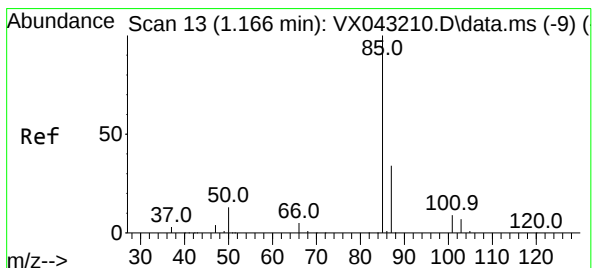
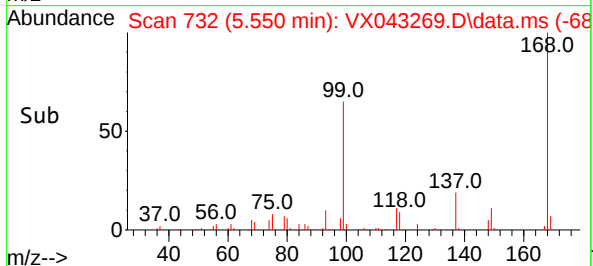
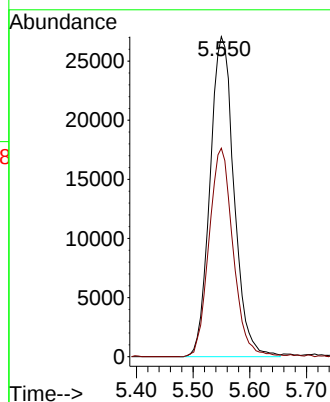


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :

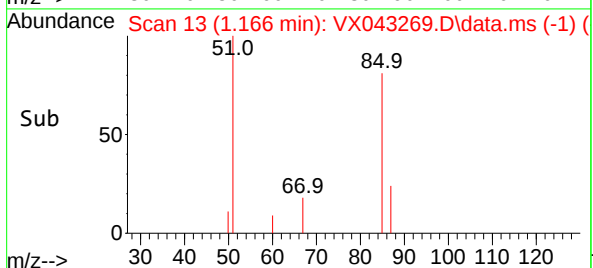
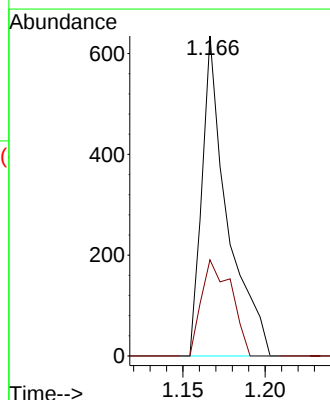
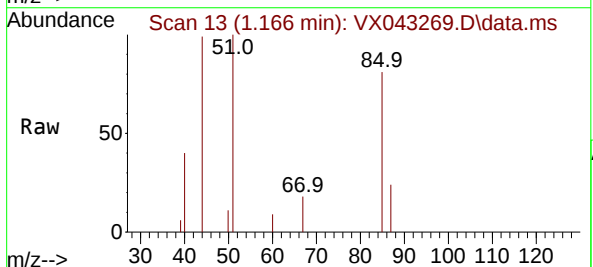


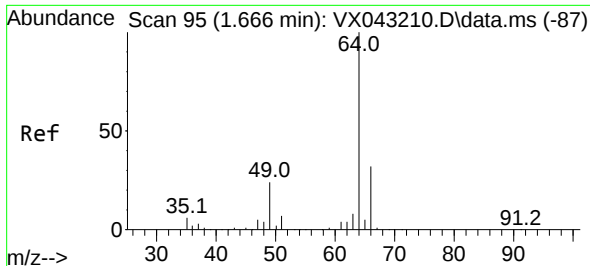
Tgt Ion:168 Resp: 79546
Ion Ratio Lower Upper
168 100
99 65.1 49.7 74.5



#2
Dichlorodifluoromethane
Concen: 0.735 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 85 Resp: 680
Ion Ratio Lower Upper
85 100
87 30.1 17.1 51.2

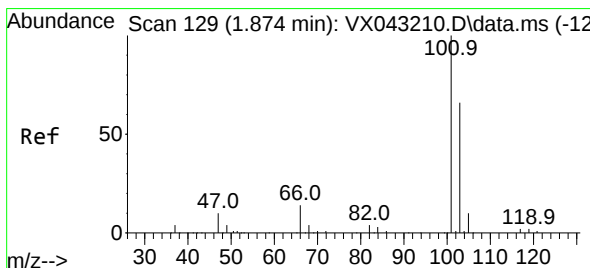
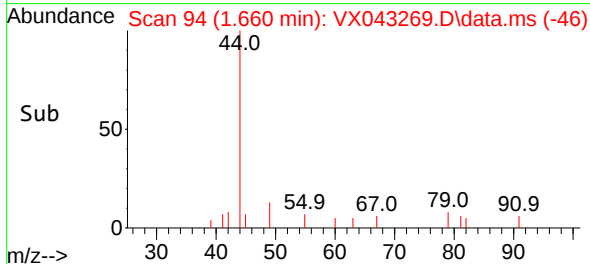
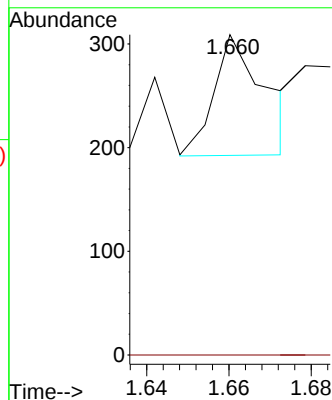
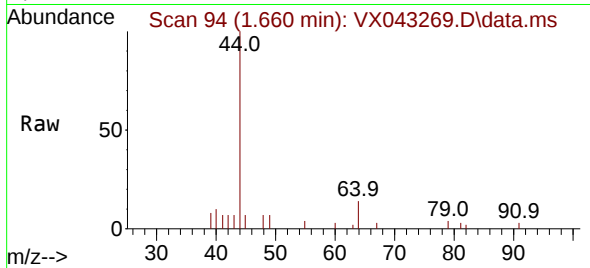




#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

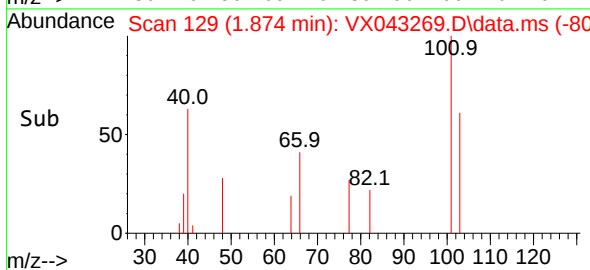
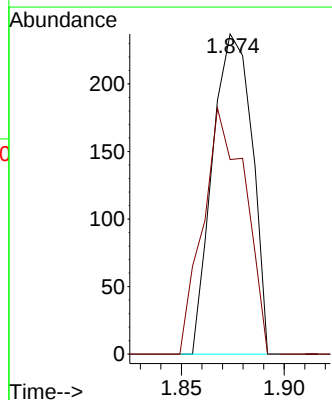
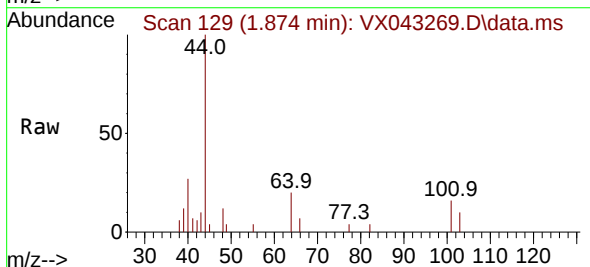
Instrument :
MSVOA_X
ClientSampleId :

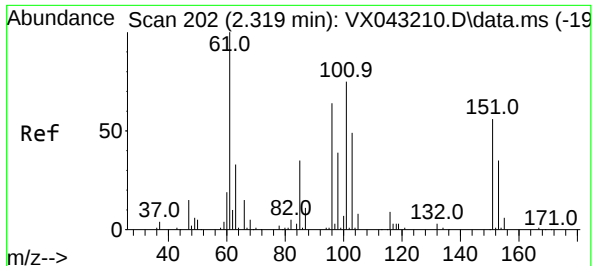
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#7
Trichlorofluoromethane
Concen: 0.222 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion:101 Resp: 317
Ion Ratio Lower Upper
101 100
103 60.8 52.7 79.1

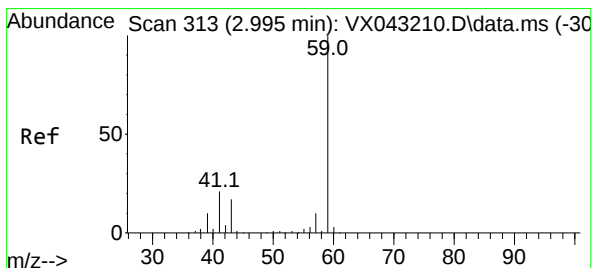
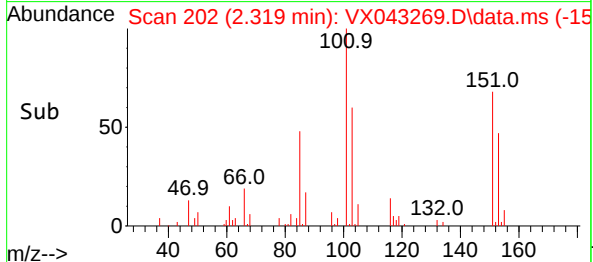
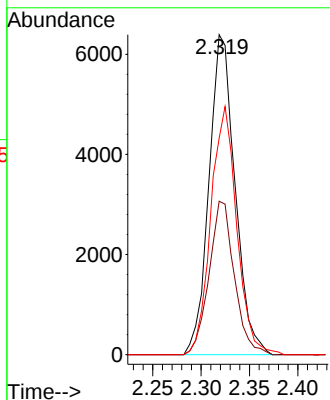
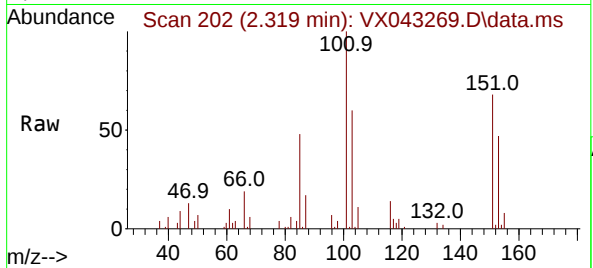




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.455 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

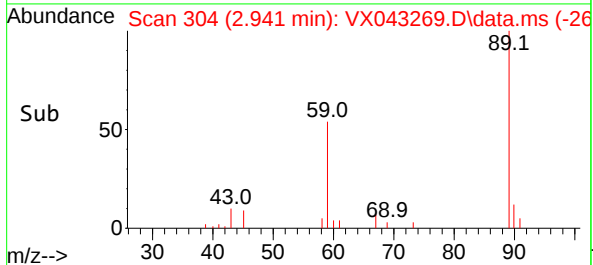
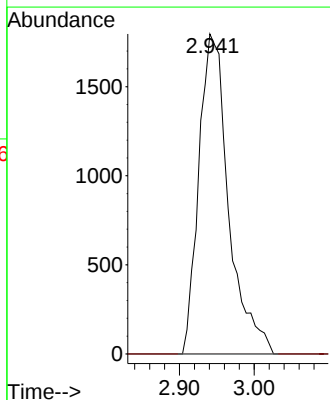
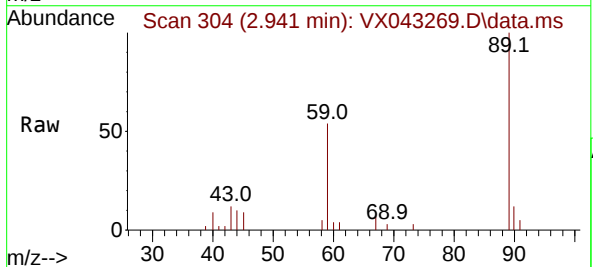
Instrument :
MSVOA_X
ClientSampleId :

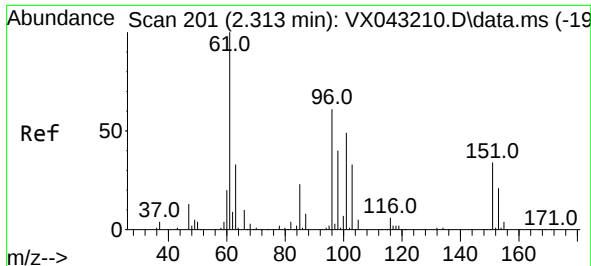
Tgt Ion:101 Resp: 11975
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 77.2 60.0 90.0



#11
Tert butyl alcohol
Concen: 20.084 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

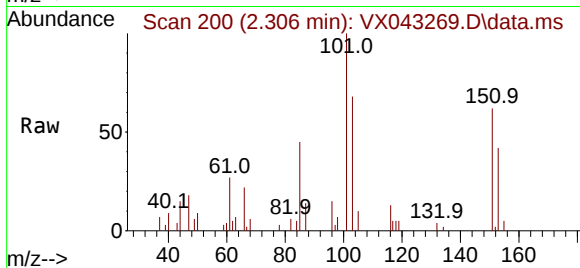
Tgt Ion: 59 Resp: 4965
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



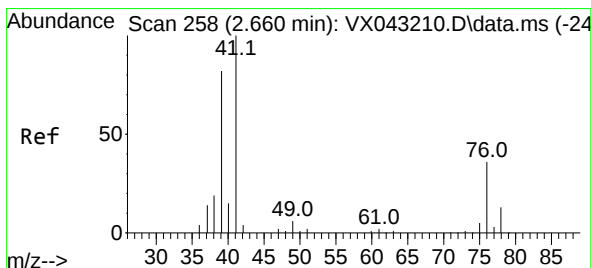
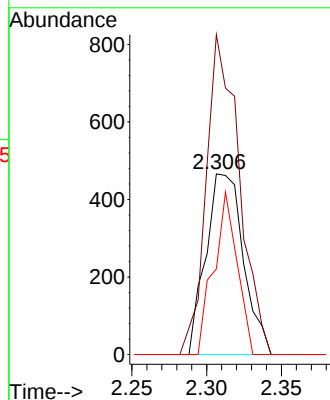
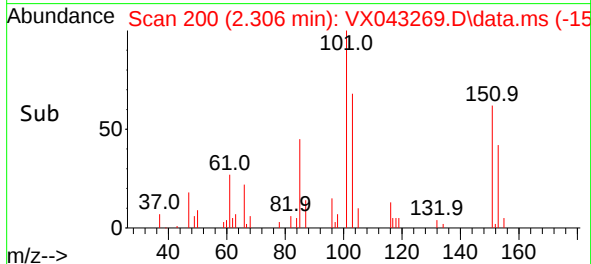


#12
1,1-Dichloroethene
Concen: 0.920 ug/l
RT: 2.306 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :

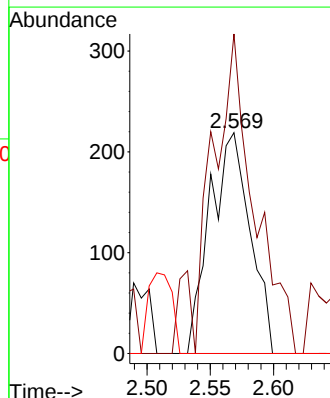
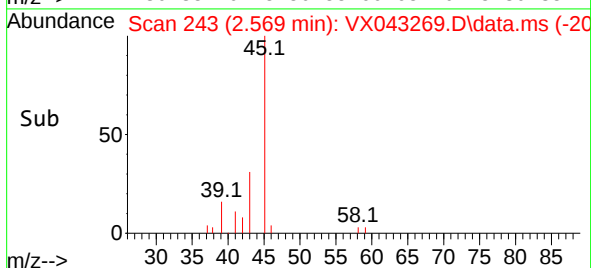
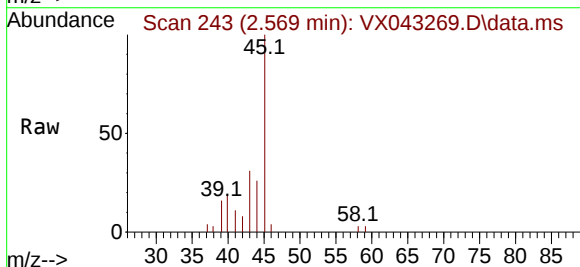


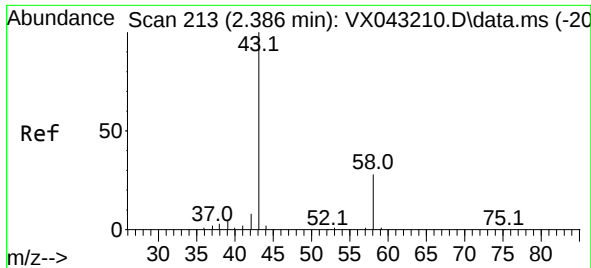
Tgt Ion: 96 Resp: 813
Ion Ratio Lower Upper
96 100
61 177.0 130.6 195.8
98 47.4 51.7 77.5#



#14
Allyl chloride
Concen: 0.335 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.091 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

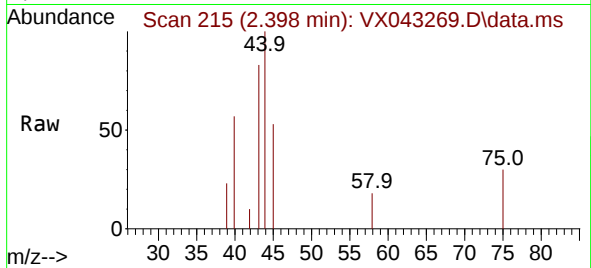
Tgt Ion: 41 Resp: 486
Ion Ratio Lower Upper
41 100
39 157.8 61.7 92.5#
76 0.0 28.6 43.0#



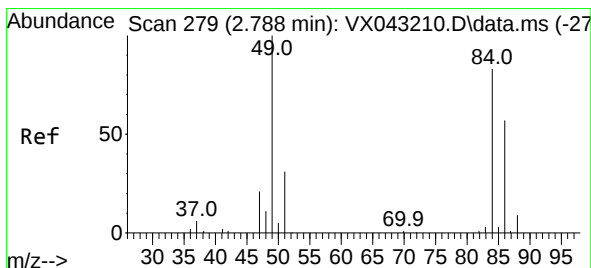
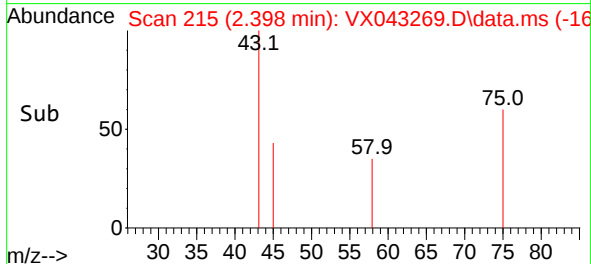
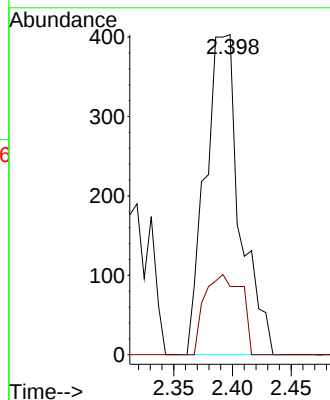


#16
Acetone
Concen: 1.528 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :

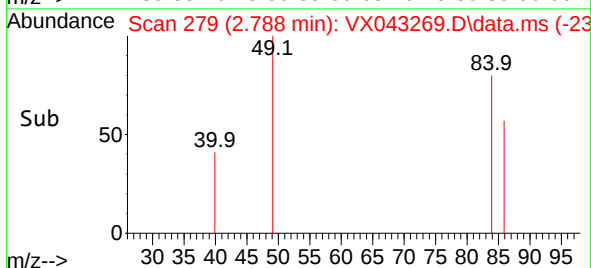
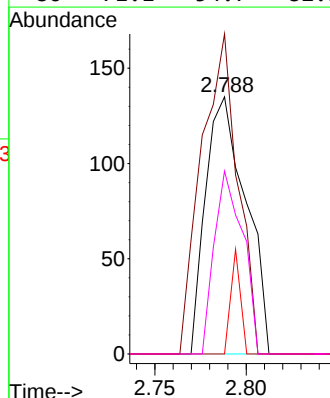
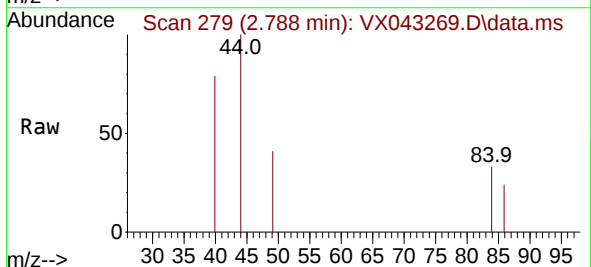


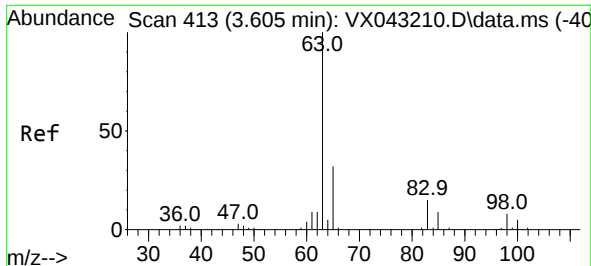
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 21.3 22.6 33.8#



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 84 Resp: 207
Ion Ratio Lower Upper
84 100
49 124.4 96.7 145.1
51 0.0 30.4 45.6#
86 71.1 54.7 82.1

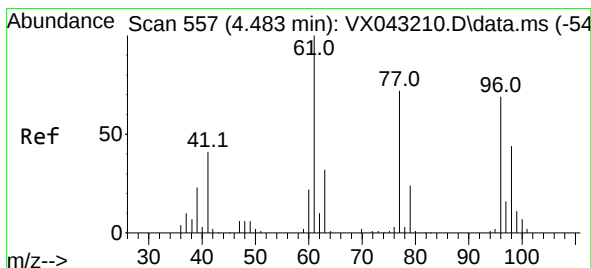
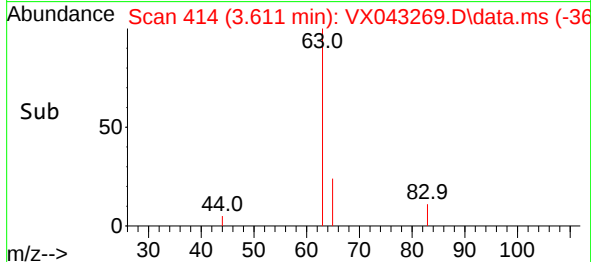
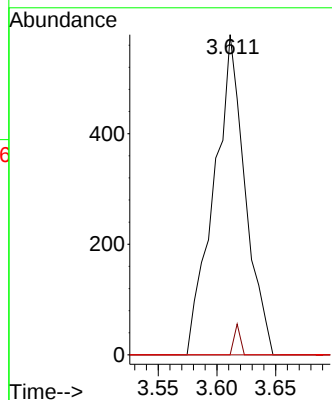
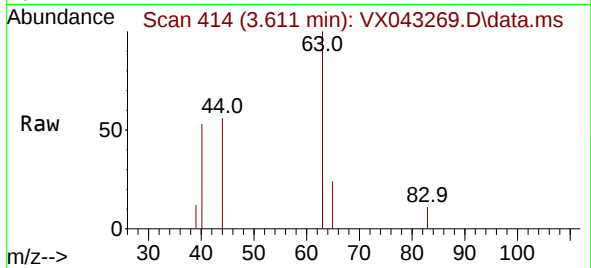




#24
1,1-Dichloroethane
Concen: 0.631 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

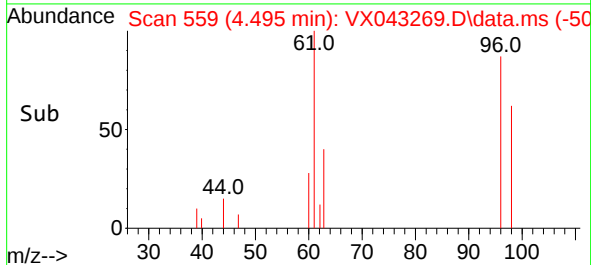
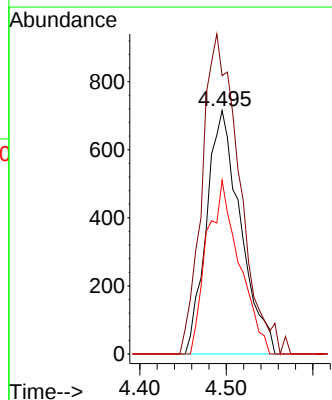
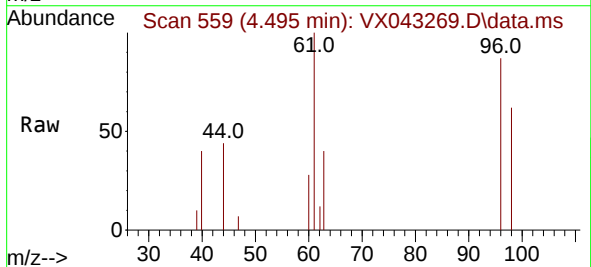
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MSVOA_X
ClientSampleId :

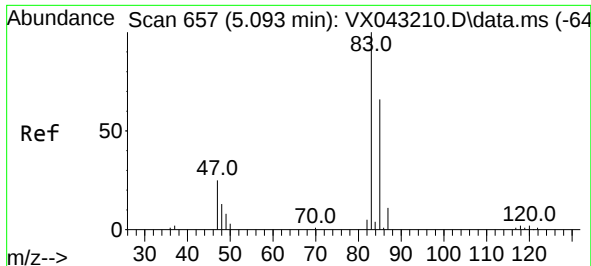
Tgt Ion: 63 Resp: 1073
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.4#



#27
cis-1,2-Dichloroethene
Concen: 1.780 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 96 Resp: 1953
Ion Ratio Lower Upper
96 100
61 144.8 0.0 298.2
98 67.9 0.0 128.6





#30

Chloroform

Concen: 0.335 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX043269.D

Acq: 03 Oct 2024 17:54

Instrument :

MSVOA_X

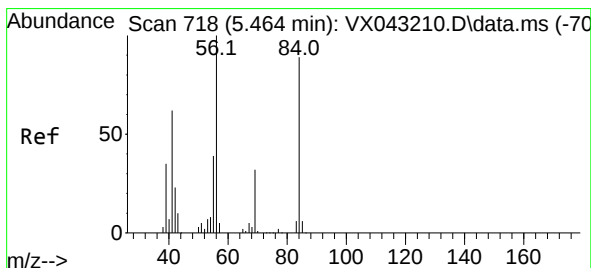
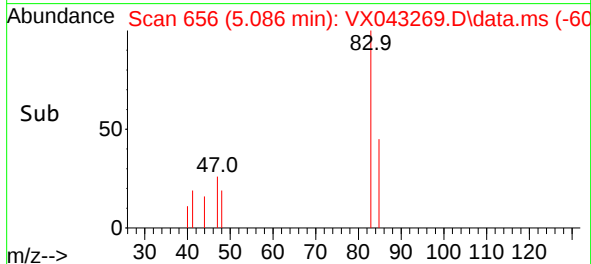
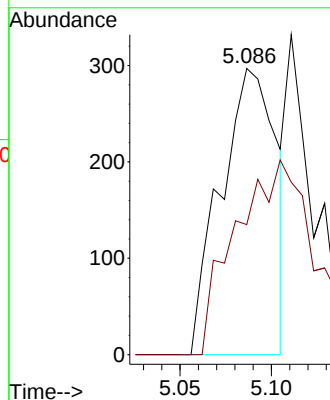
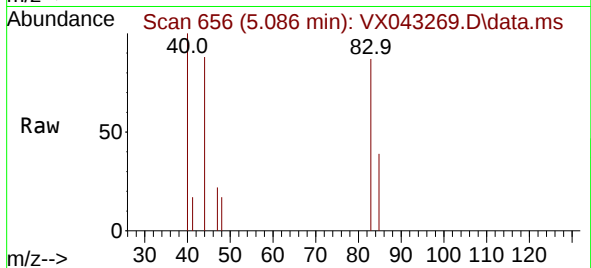
ClientSampleId :

Tgt Ion: 83 Resp: 625

Ion Ratio Lower Upper

83 100

85 45.5 52.5 78.7#



#31

Cyclohexane

Concen: 1.470 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX043269.D

Acq: 03 Oct 2024 17:54

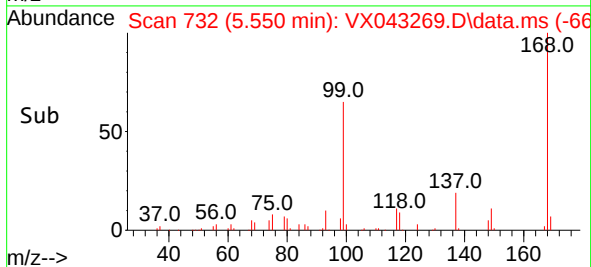
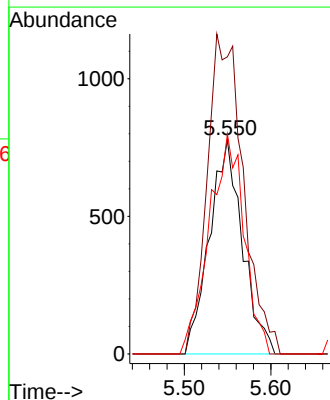
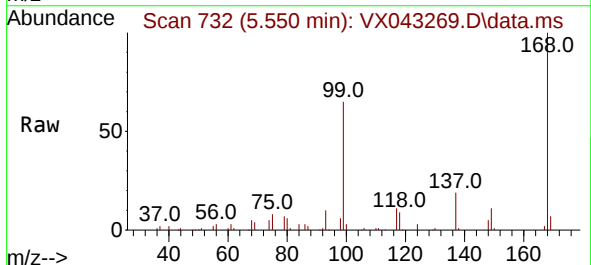
Tgt Ion: 56 Resp: 2060

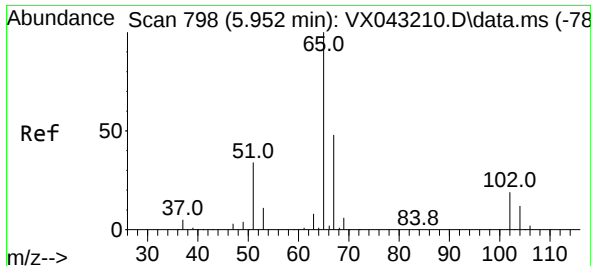
Ion Ratio Lower Upper

56 100

69 138.8 25.8 38.6#

84 102.8 71.1 106.7

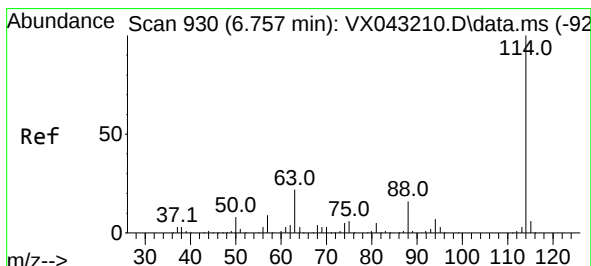
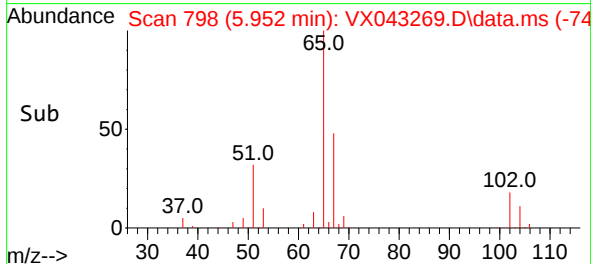
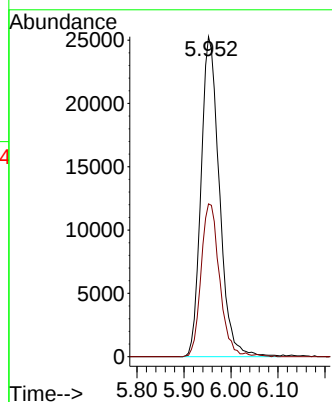
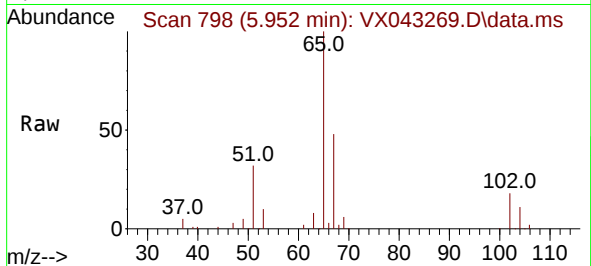




#33
1,2-Dichloroethane-d4
Concen: 52.838 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

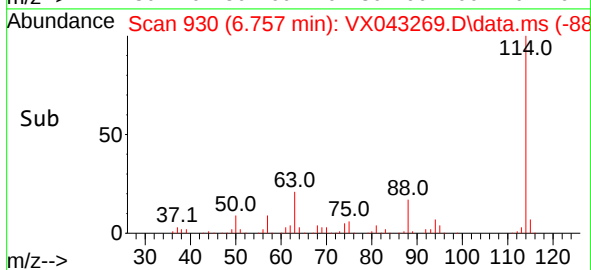
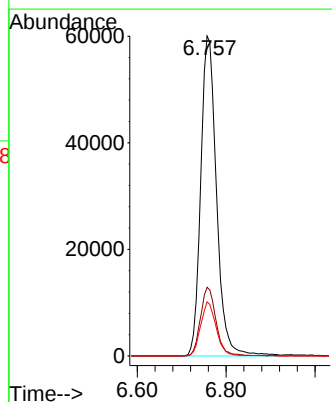
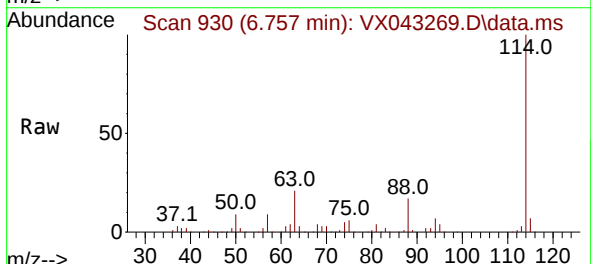
Instrument :
MSVOA_X
ClientSampleId :

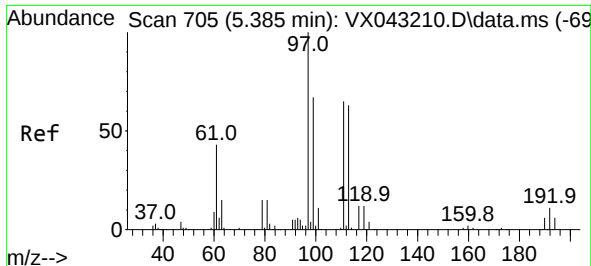
Tgt Ion: 65 Resp: 68642
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 114 Resp: 148587
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.0
88 16.9 0.0 33.0

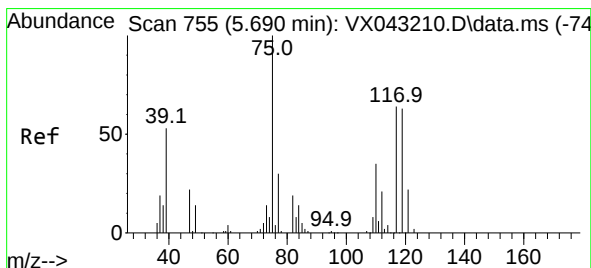
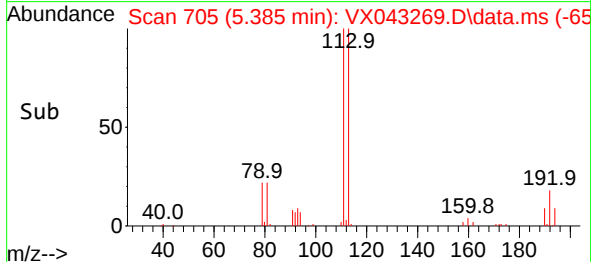
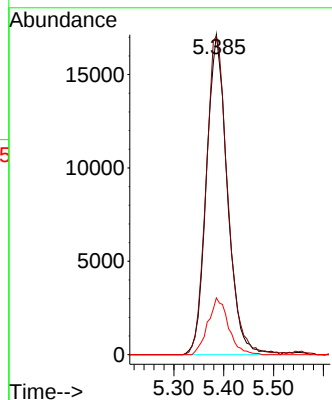
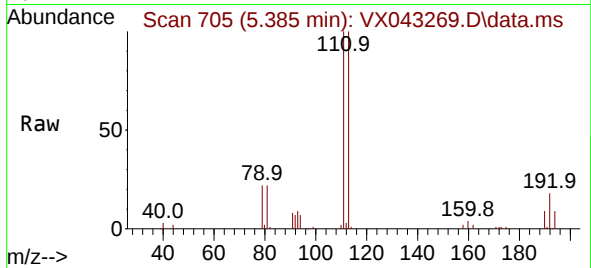




#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

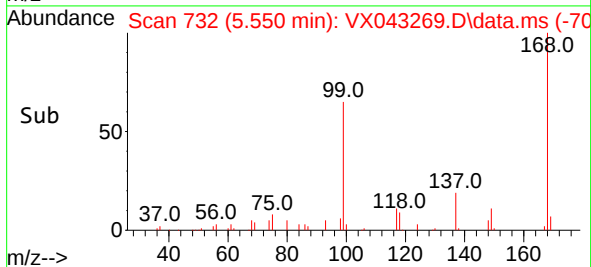
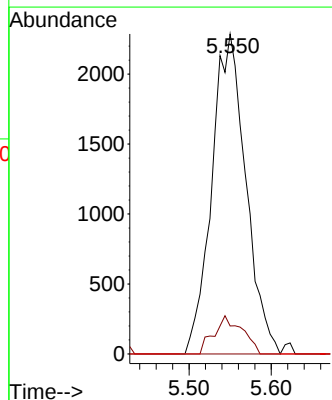
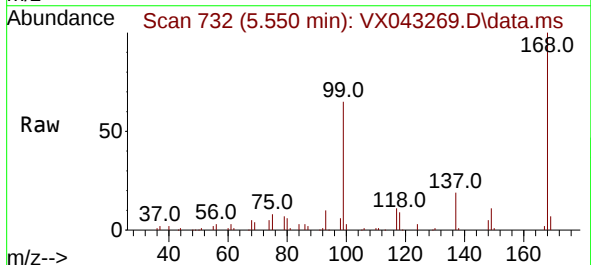
Instrument :
MSVOA_X
ClientSampleId :

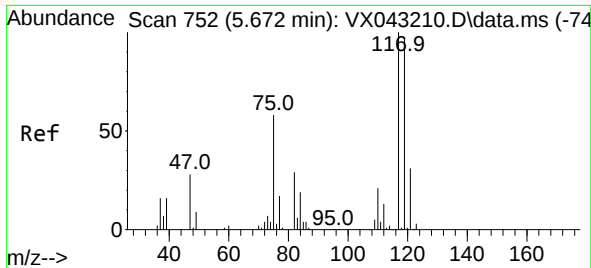
Tgt Ion:113 Resp: 49983
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

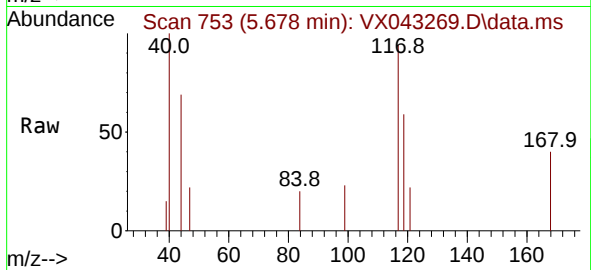
Tgt Ion: 75 Resp: 6562
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 24.9 37.3#



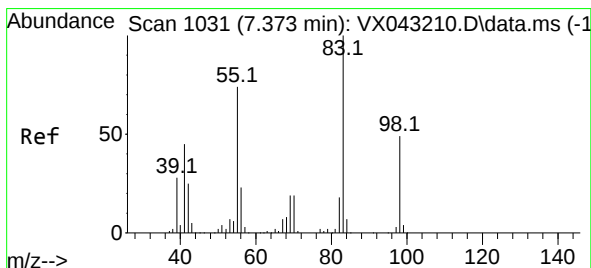
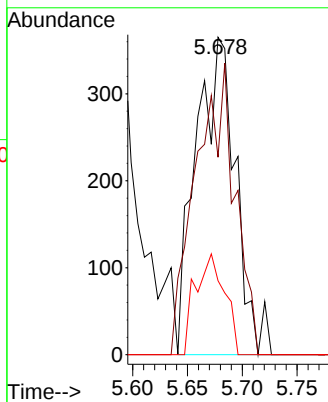
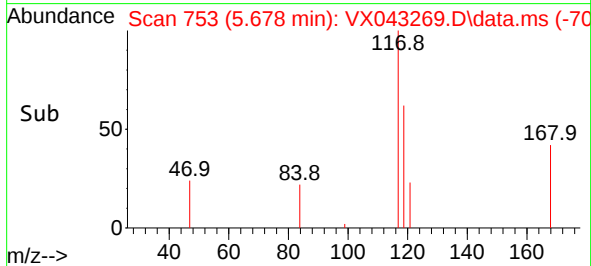


#38
Carbon Tetrachloride
Concen: 0.602 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :

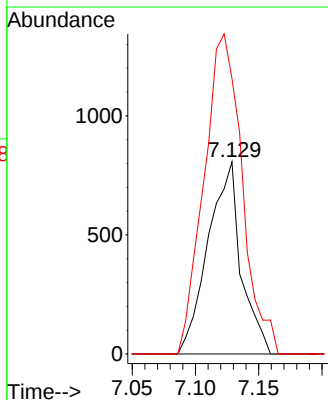
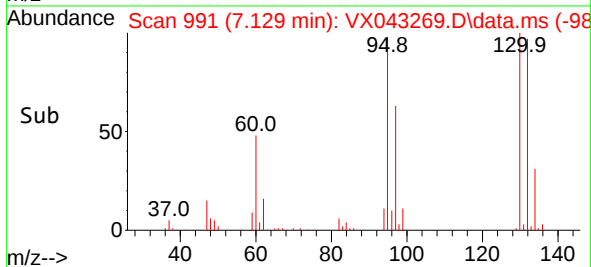
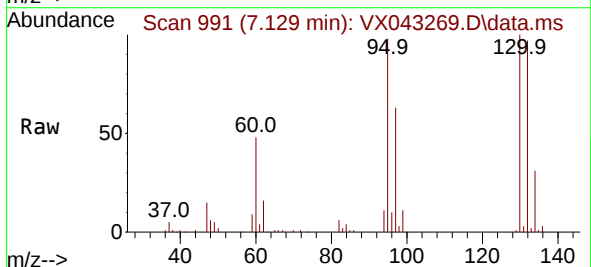


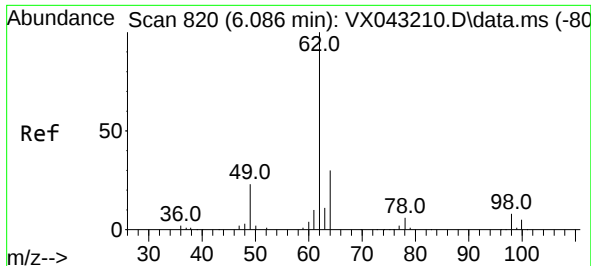
Tgt Ion:117 Resp: 922
Ion Ratio Lower Upper
117 100
119 62.2 77.7 116.5#
121 23.3 24.3 36.5#



#39
Methylcyclohexane
Concen: 0.897 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.244 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 83 Resp: 1461
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 143.4 39.3 58.9#





#42

1,2-Dichloroethane

Concen: 0.255 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX043269.D

Acq: 03 Oct 2024 17:54

Instrument :

MSVOA_X

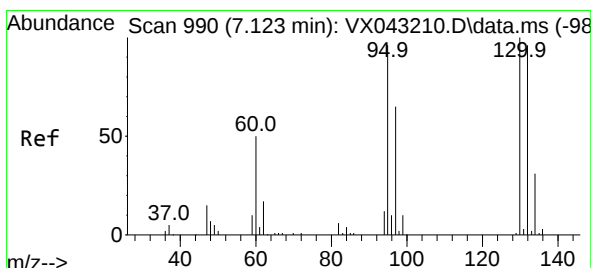
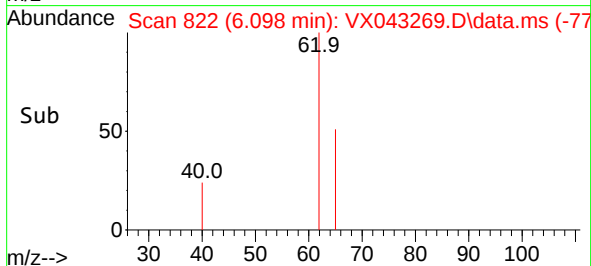
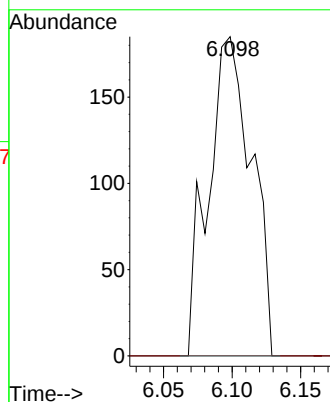
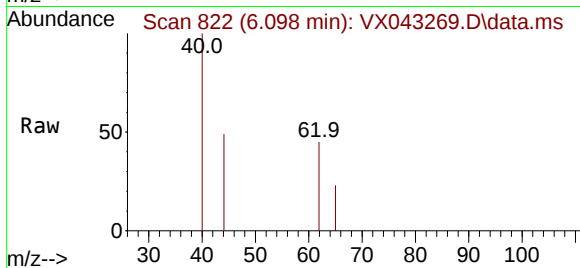
ClientSampleId :

Tgt Ion: 62 Resp: 408

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 105.732 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043269.D

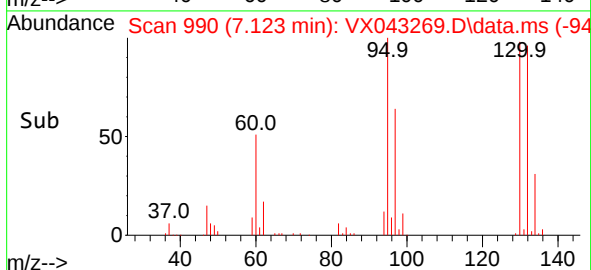
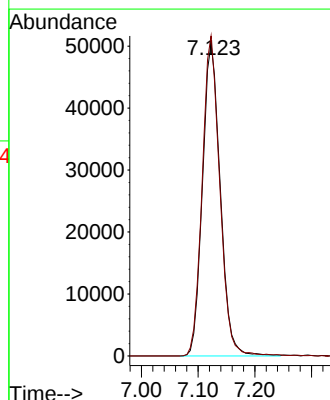
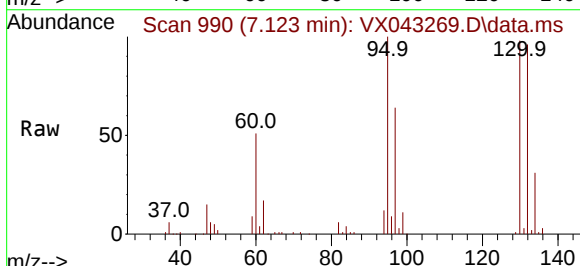
Acq: 03 Oct 2024 17:54

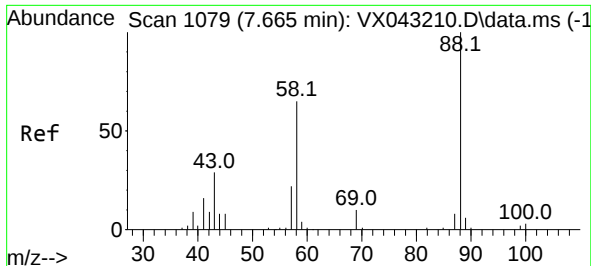
Tgt Ion:130 Resp: 110070

Ion Ratio Lower Upper

130 100

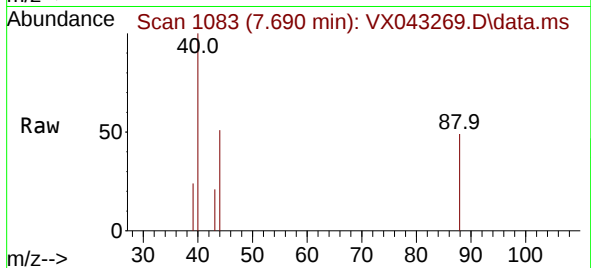
95 102.4 0.0 192.2



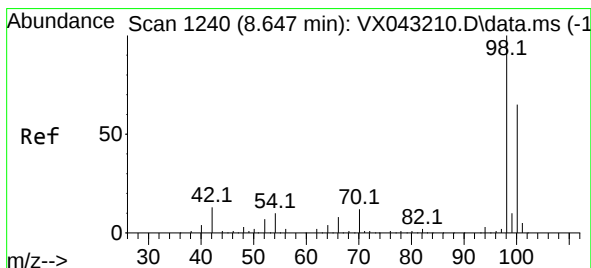
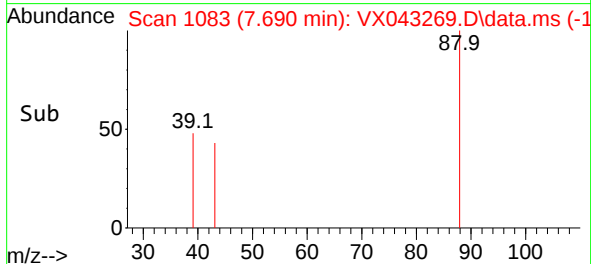
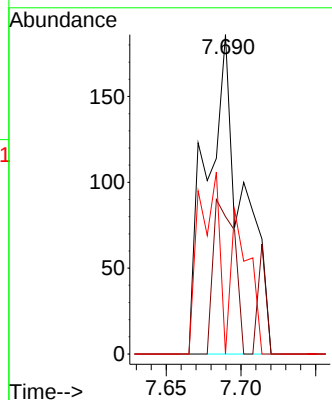


#49
1,4-Dioxane
Concen: 12.658 ug/l
RT: 7.690 min Scan# 1079
Delta R.T. 0.024 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :

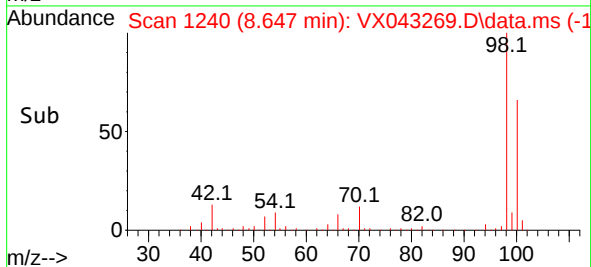
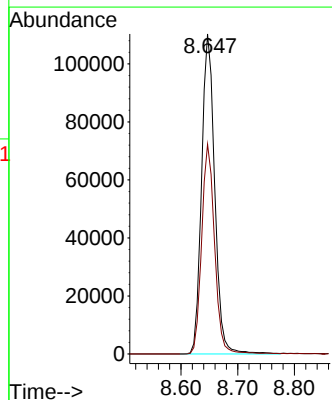
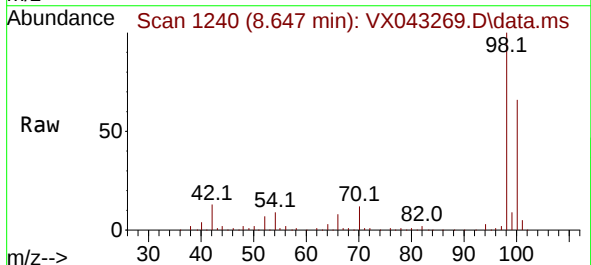


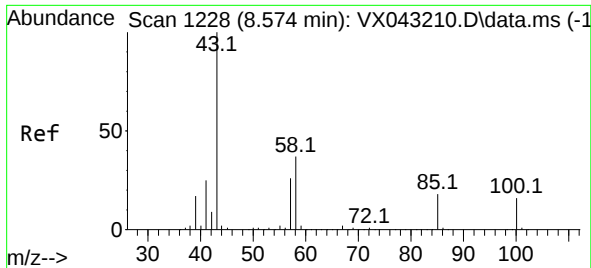
Tgt Ion: 88 Resp: 310
Ion Ratio Lower Upper
88 100
43 0.0 29.5 44.3#
58 22.9 55.2 82.8#



#50
Toluene-d8
Concen: 50.030 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 98 Resp: 177661
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

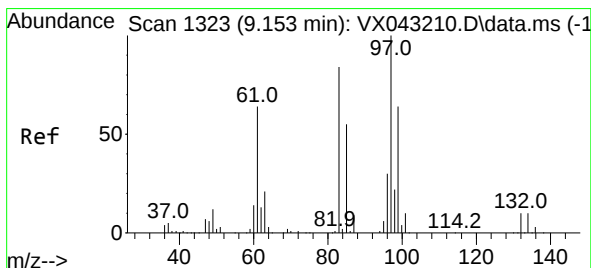
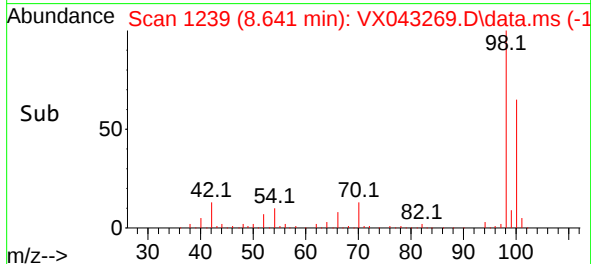
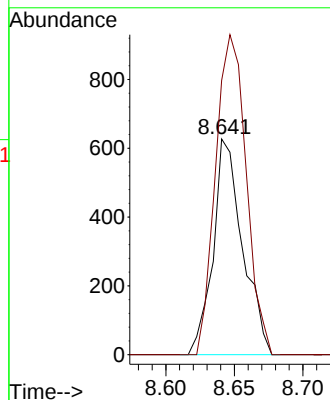
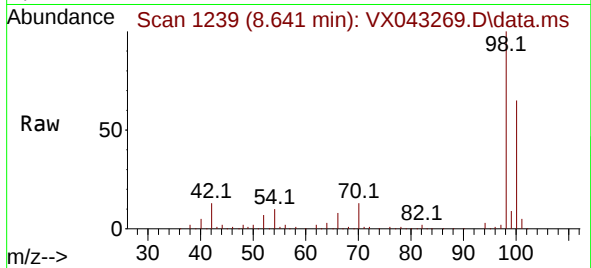




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

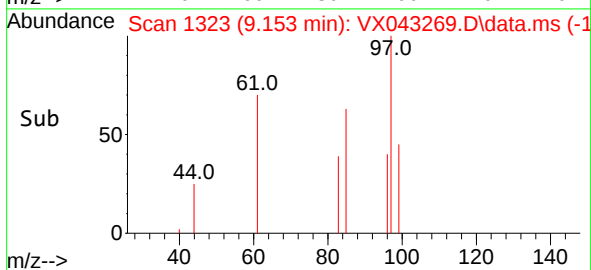
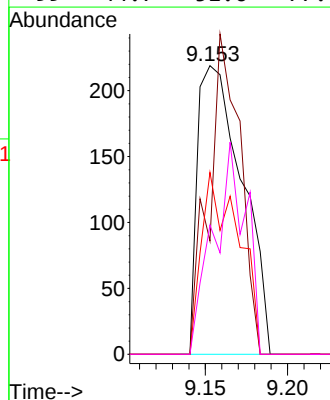
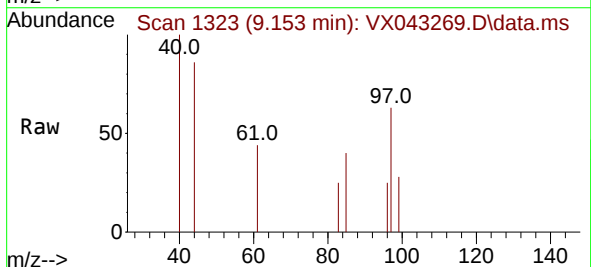
Instrument :
MSVOA_X
ClientSampleId :

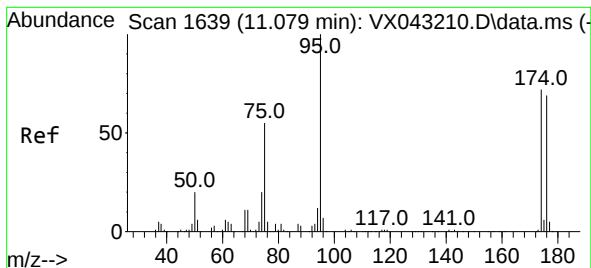
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 154.8 30.0 45.0#



#55
1,1,2-Trichloroethane
Concen: 0.422 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 97 Resp: 413
Ion Ratio Lower Upper
97 100
83 39.3 66.9 100.3#
85 63.0 43.9 65.9
99 44.7 51.6 77.4#

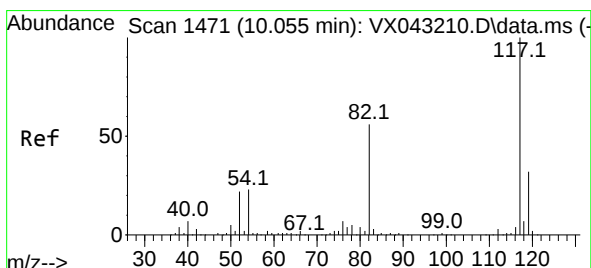
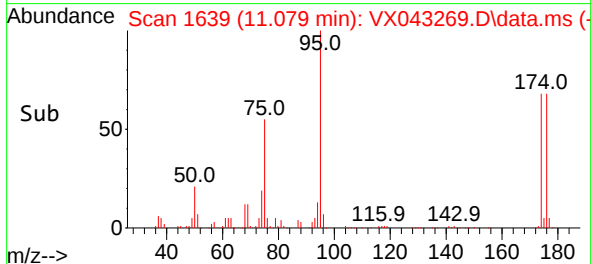
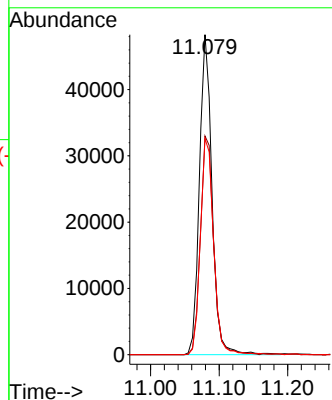
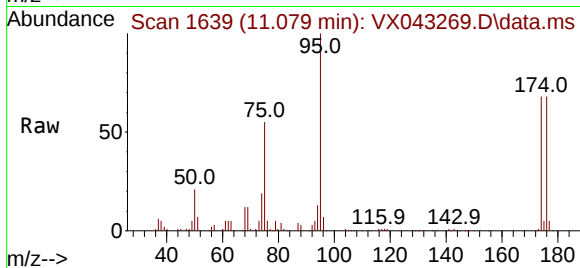




#62
4-Bromofluorobenzene
Concen: 47.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

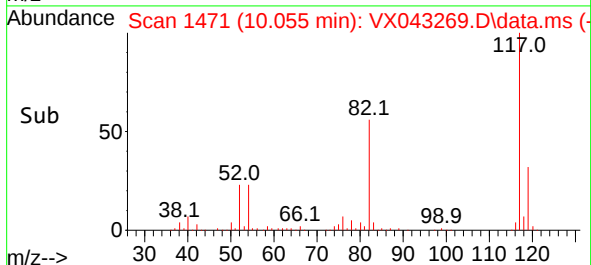
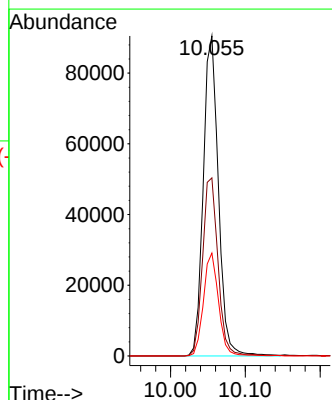
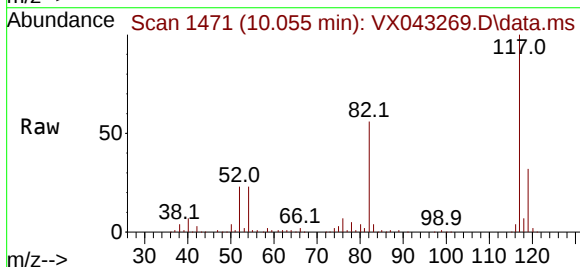
Instrument :
MSVOA_X
ClientSampleId :

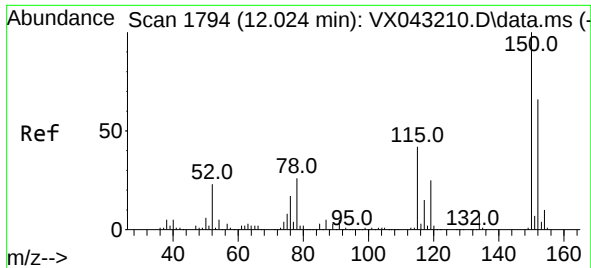
Tgt Ion: 95 Resp: 61829
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.0
176 71.2 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

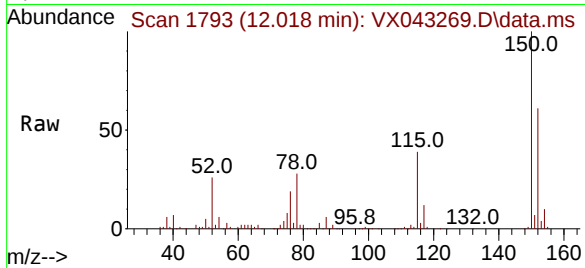
Tgt Ion: 117 Resp: 127313
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 32.2 25.3 37.9



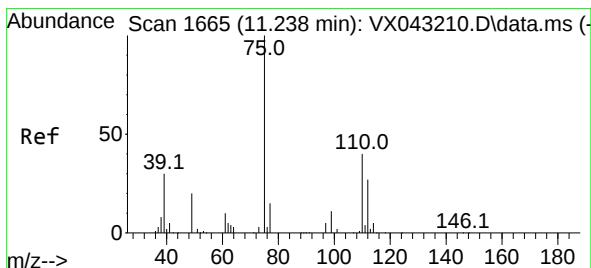
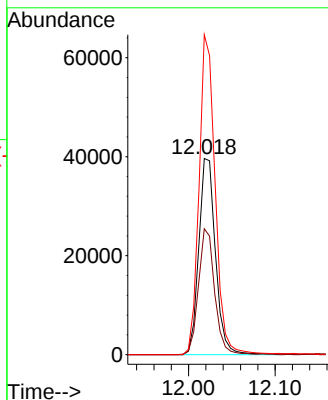
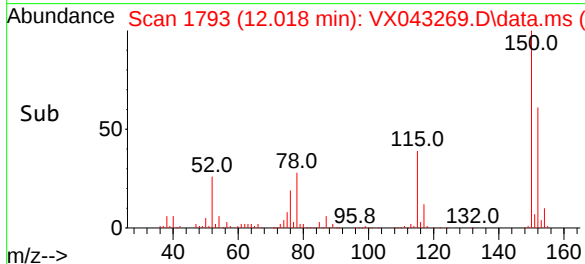


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043269.D
 Acq: 03 Oct 2024 17:54

Instrument :
 MSVOA_X
 ClientSampleId :

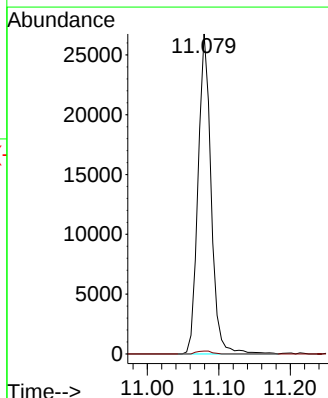
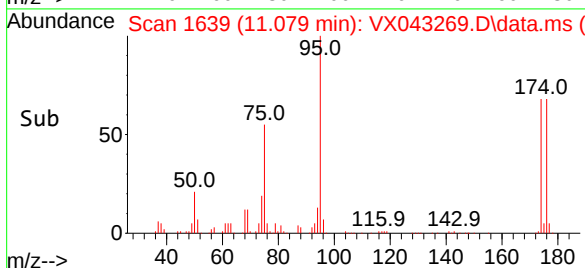
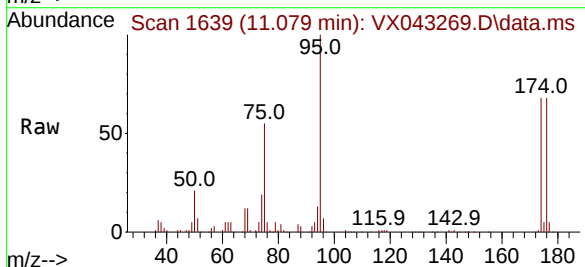


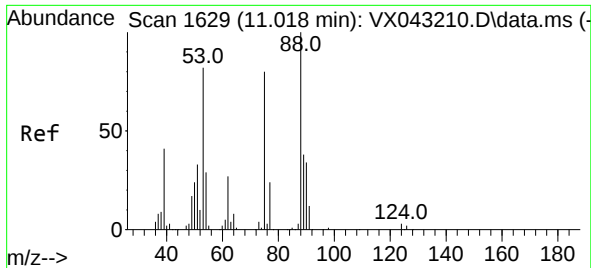
Tgt Ion:152 Resp: 53259
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.1 132.3
 150 157.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.674 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043269.D
 Acq: 03 Oct 2024 17:54

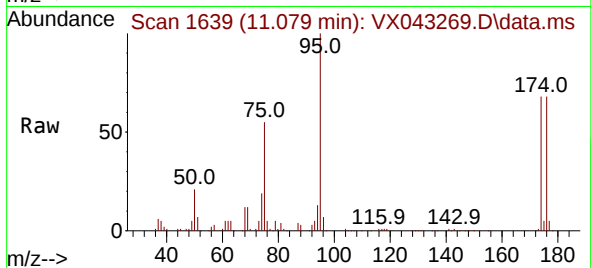
Tgt Ion: 75 Resp: 33874
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.313 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 33874
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

