

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043278.D
 Acq On : 04 Oct 2024 11:00
 Operator : JC/MD
 Sample : P4263-04DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 23:26:56 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)

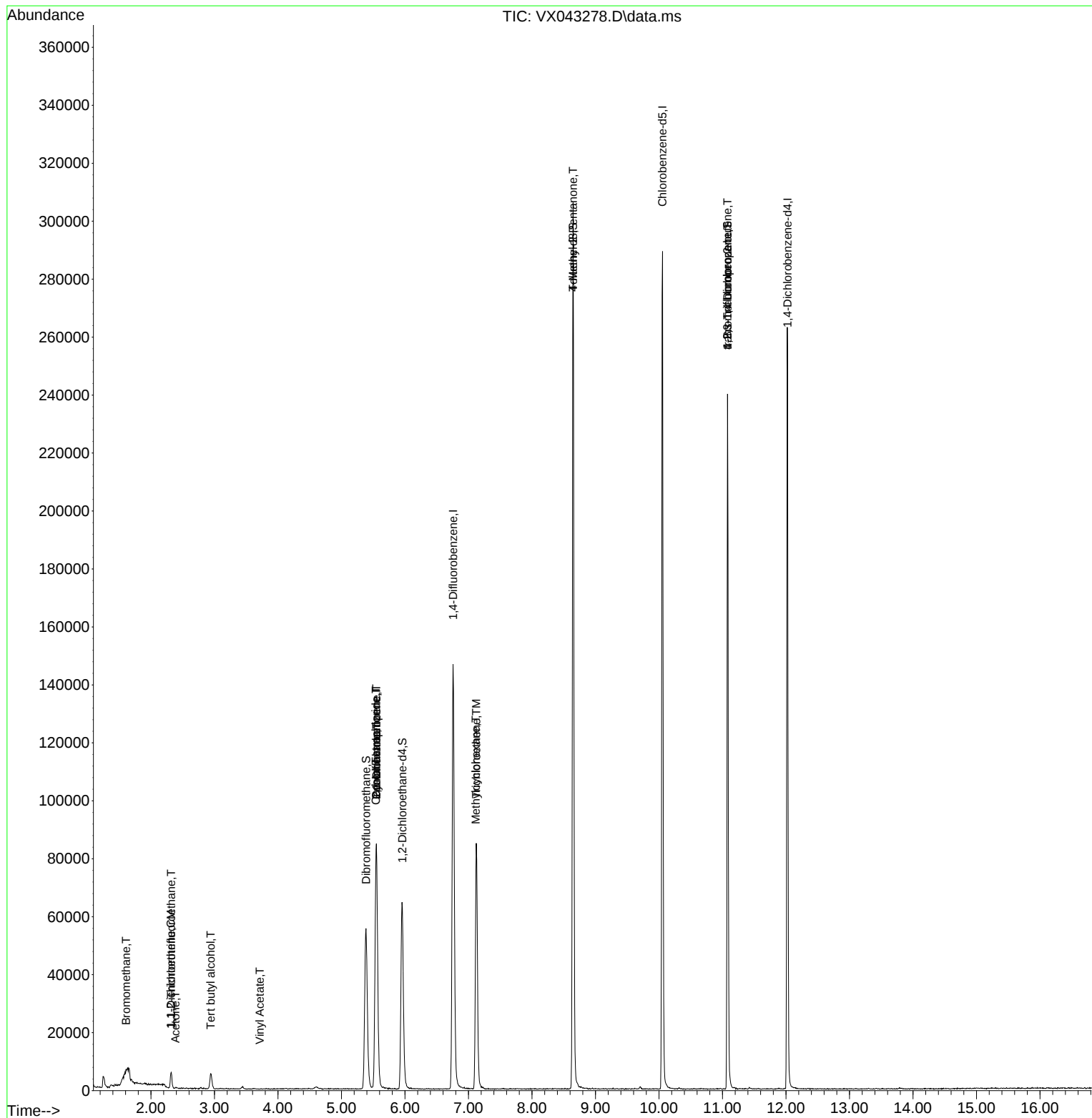
Internal Standards						
1) Pentafluorobenzene	5.550	168	77232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66997	53.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.240%	
35) Dibromofluoromethane	5.385	113	49024	47.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.700%	
50) Toluene-d8	8.647	98	178695	50.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	11.079	95	63350	49.114	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	176	0.465	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	2.319	101	1379	1.596	ug/l	92
11) Tert butyl alcohol	2.941	59	3095	12.895	ug/l #	71
12) 1,1-Dichloroethene	2.313	96	828	0.965	ug/l	97
16) Acetone	2.386	43	536	1.018	ug/l #	47
23) Vinyl Acetate	3.715	43	19	6.345	ug/l #	71
31) Cyclohexane	5.550	56	1829	1.344	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	6825	5.273	ug/l #	41
38) Carbon Tetrachloride	5.544	117	8405	5.485	ug/l #	14
39) Methylcyclohexane	7.117	83	365	0.224	ug/l #	1
44) Trichloroethene	7.123	130	32974	31.680	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1064	0.682	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34990	29.418	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34990	76.242	ug/l #	8

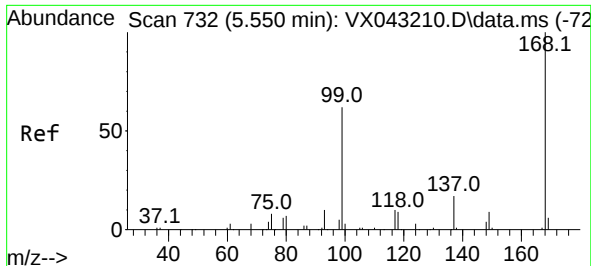
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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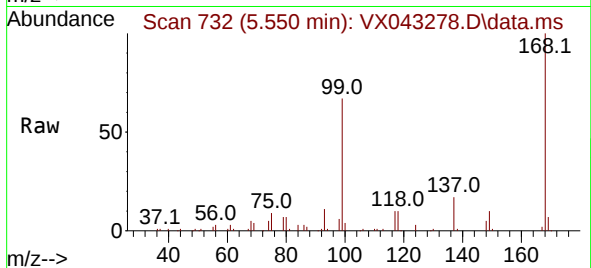
Quant Time: Oct 04 23:26:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



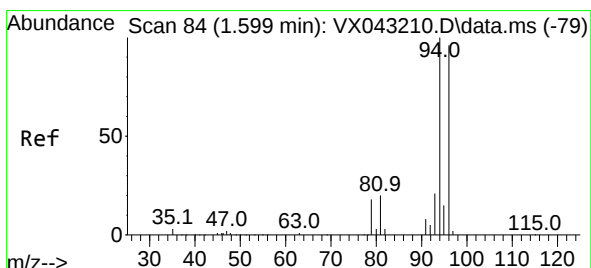
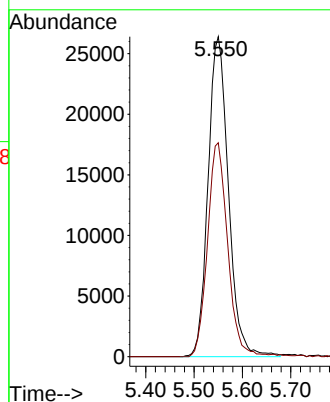


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

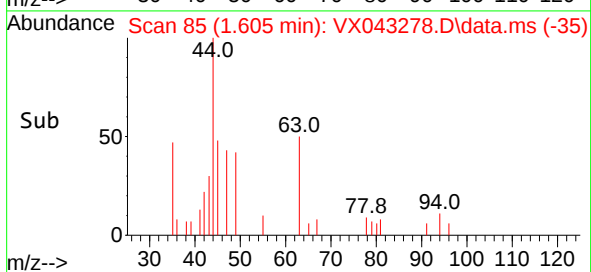
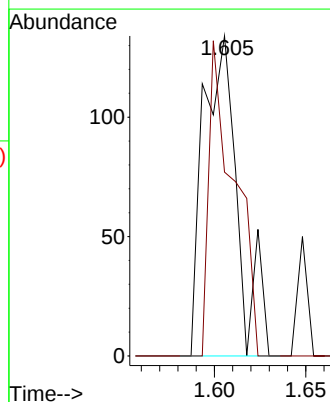
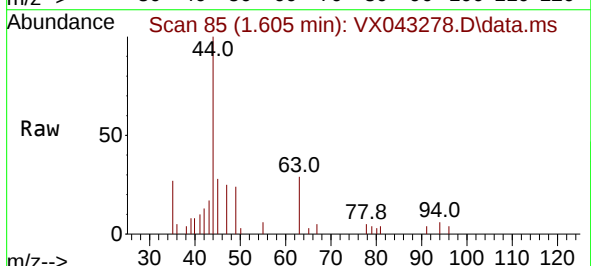


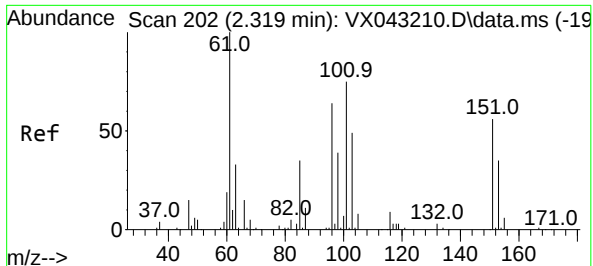
Tgt Ion:168 Resp: 77232
Ion Ratio Lower Upper
168 100
99 66.8 49.7 74.5



#5
Bromomethane
Concen: 0.465 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 57.5 76.6 115.0#

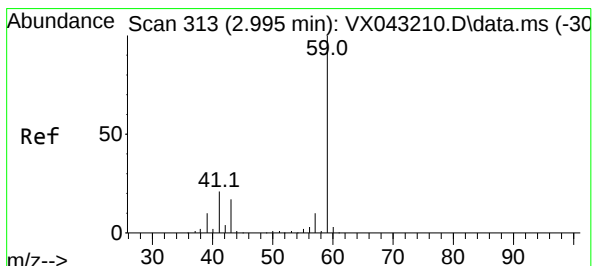
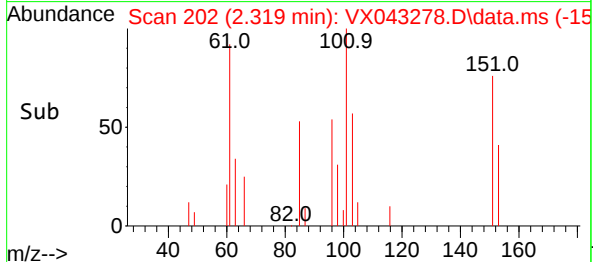
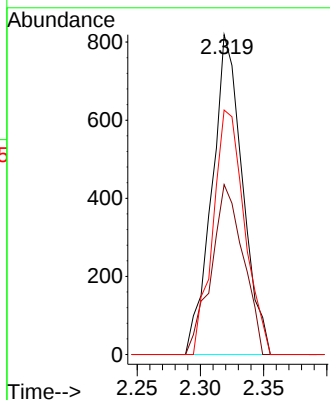
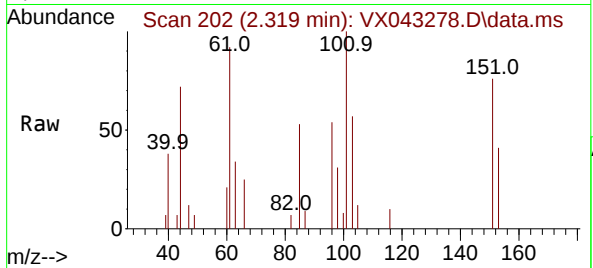




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.596 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

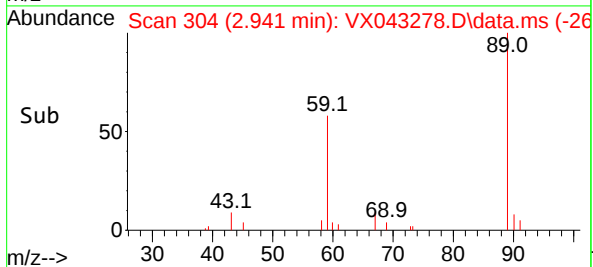
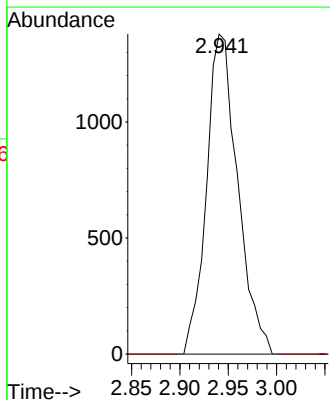
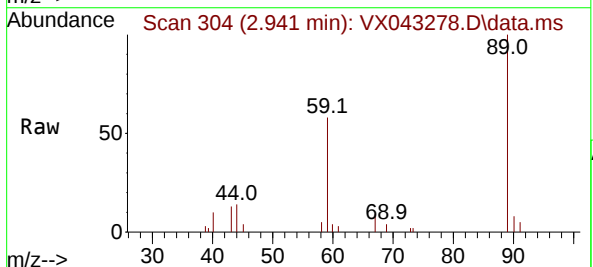
Instrument :
MSVOA_X
ClientSampleId :

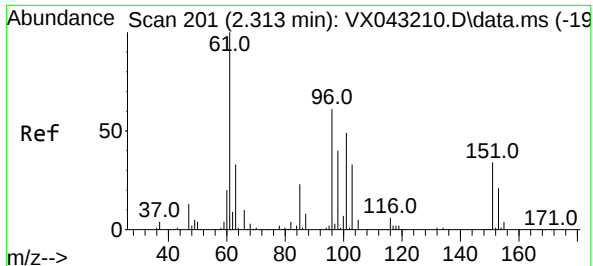
Tgt Ion:101 Resp: 1379
Ion Ratio Lower Upper
101 100
85 55.5 37.0 55.6
151 78.8 60.0 90.0



#11
Tert butyl alcohol
Concen: 12.895 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 59 Resp: 3095
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#





#12

1,1-Dichloroethene

Concen: 0.965 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX043278.D

Acq: 04 Oct 2024 11:00

Instrument :

MSVOA_X

ClientSampleId :

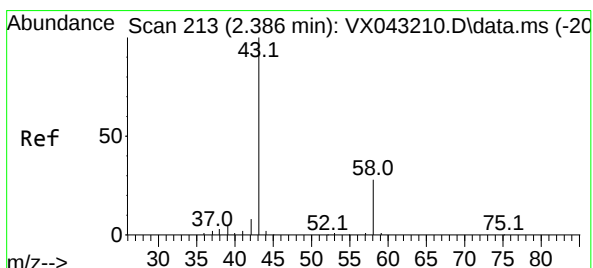
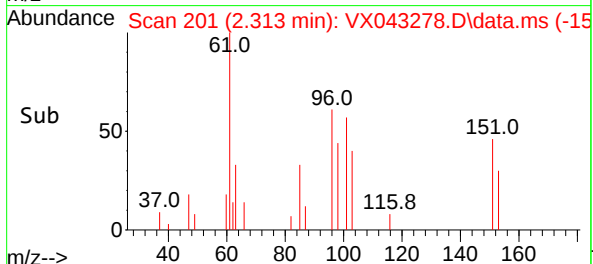
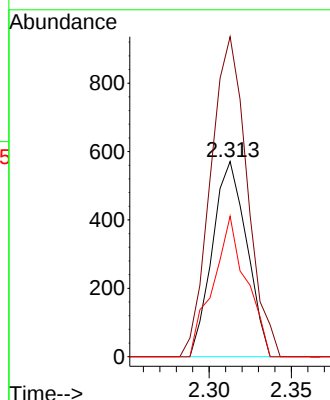
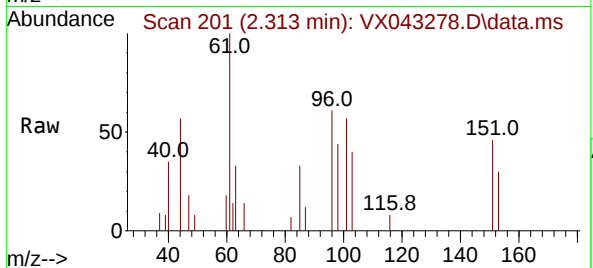
Tgt Ion: 96 Resp: 828

Ion Ratio Lower Upper

96 100

61 163.9 130.6 195.8

98 72.0 51.7 77.5



#16

Acetone

Concen: 1.018 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043278.D

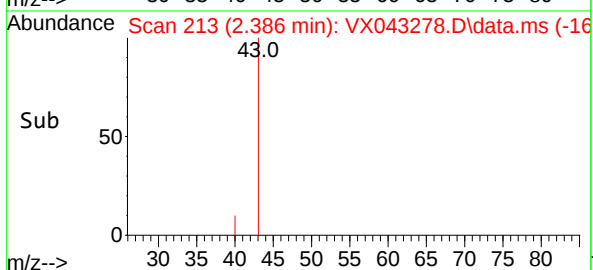
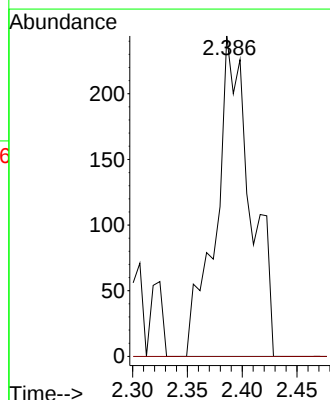
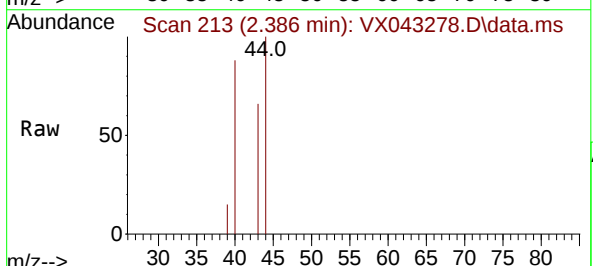
Acq: 04 Oct 2024 11:00

Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#

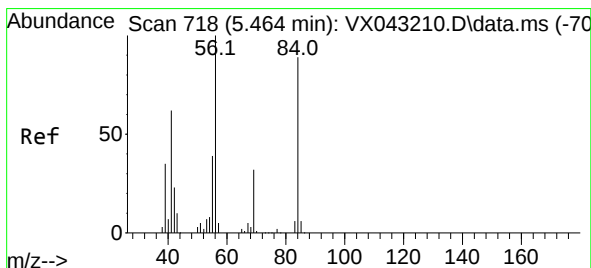
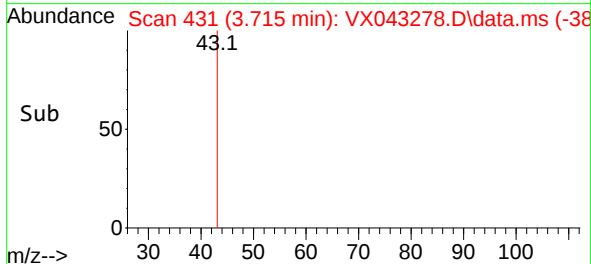
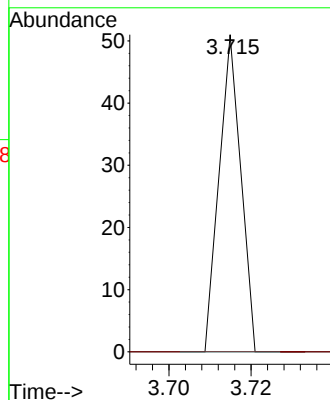
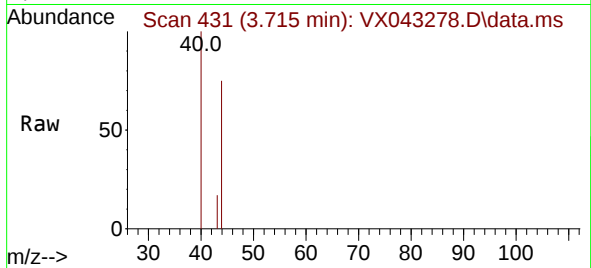




#23
 Vinyl Acetate
 Concen: 6.345 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX043278.D
 Acq: 04 Oct 2024 11:00

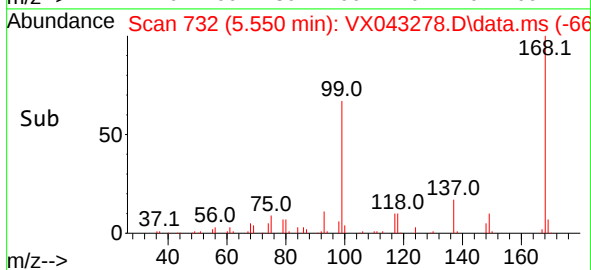
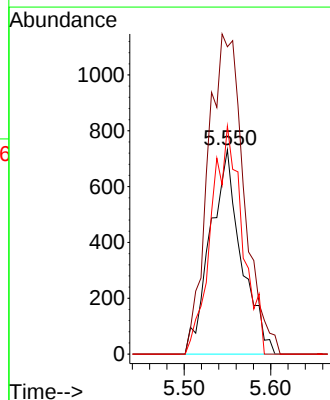
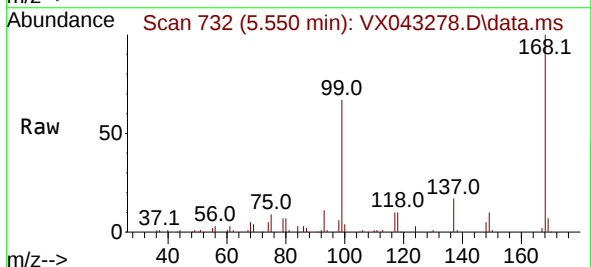
Instrument :
 MSVOA_X
 ClientSampleId :

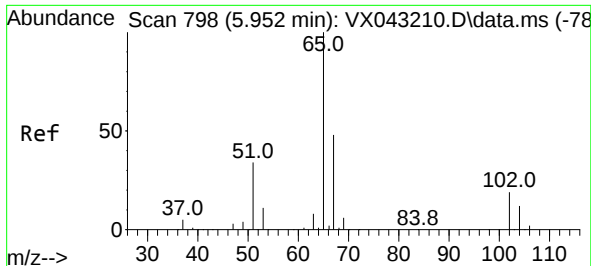
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.344 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.085 min
 Lab File: VX043278.D
 Acq: 04 Oct 2024 11:00

Tgt Ion: 56 Resp: 1829
 Ion Ratio Lower Upper
 56 100
 69 150.4 25.8 38.6#
 84 111.6 71.1 106.7#

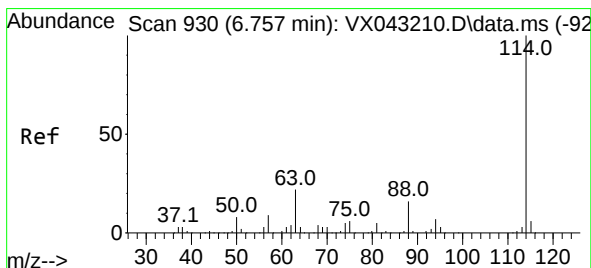
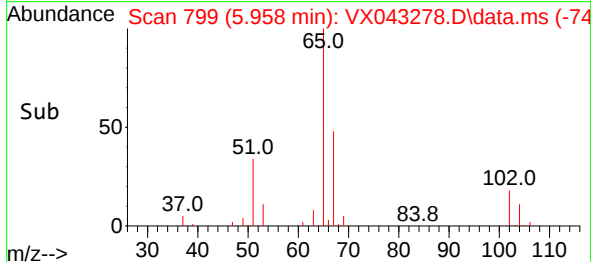
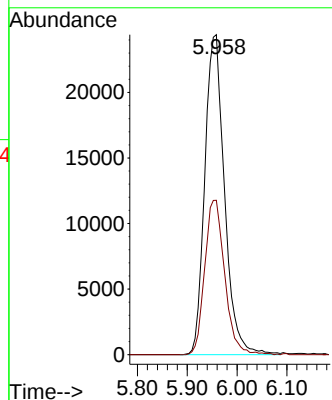
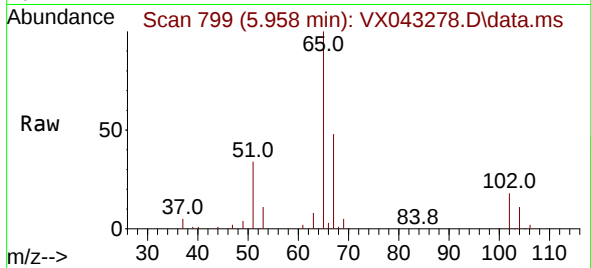




#33
1,2-Dichloroethane-d4
Concen: 53.117 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

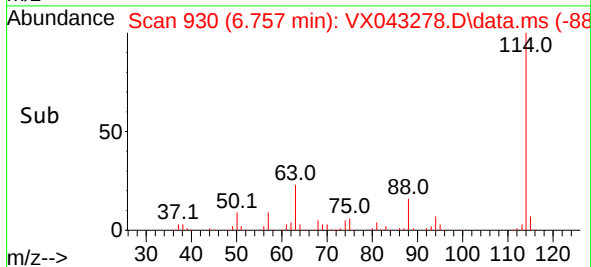
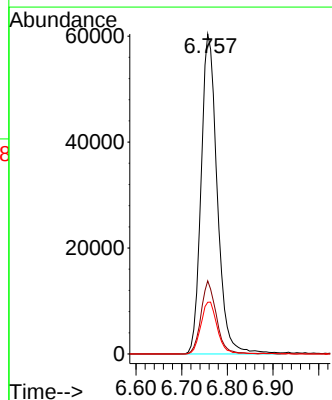
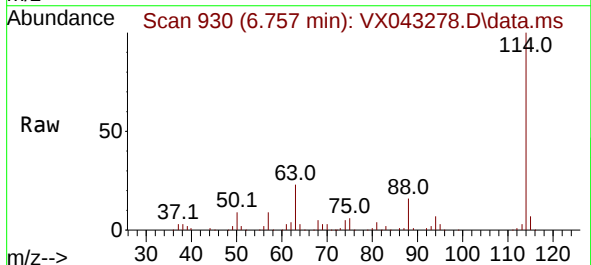
Instrument :
MSVOA_X
ClientSampleId :

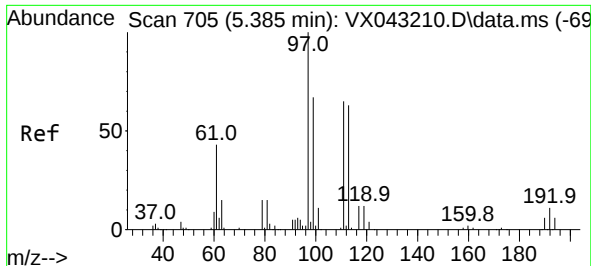
Tgt Ion: 65 Resp: 66997
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

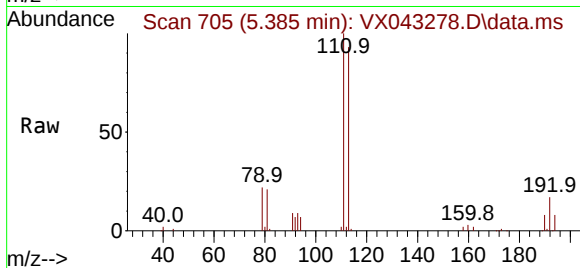
Tgt Ion: 114 Resp: 148561
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.0
88 16.2 0.0 33.0



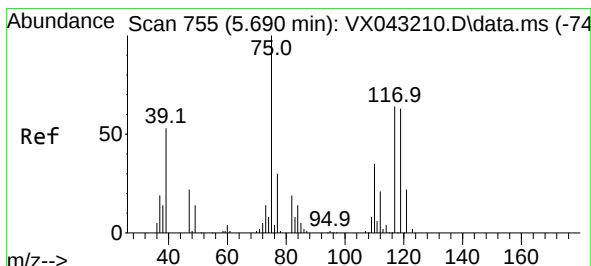
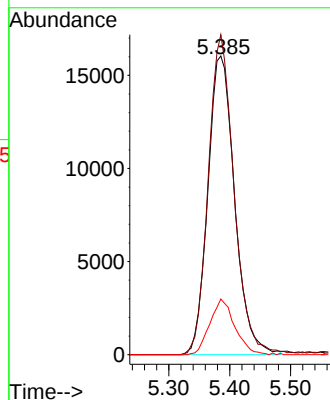
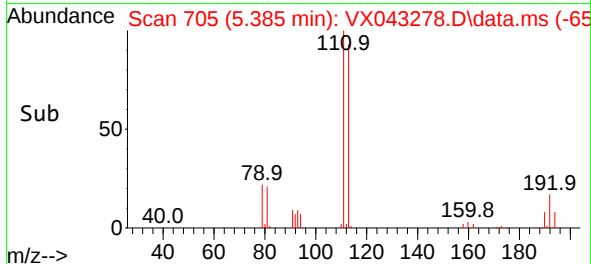


#35
Dibromofluoromethane
Concen: 47.850 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

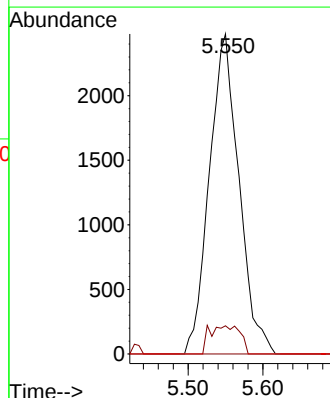
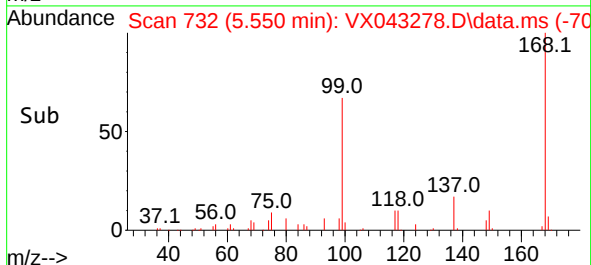
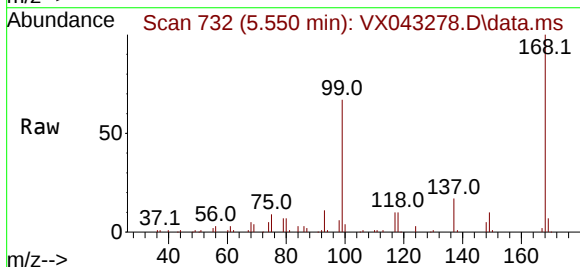


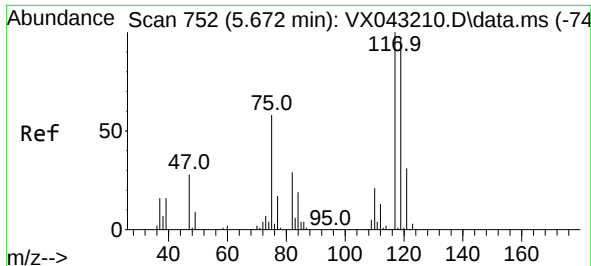
Tgt Ion:113 Resp: 49024
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 17.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.273 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

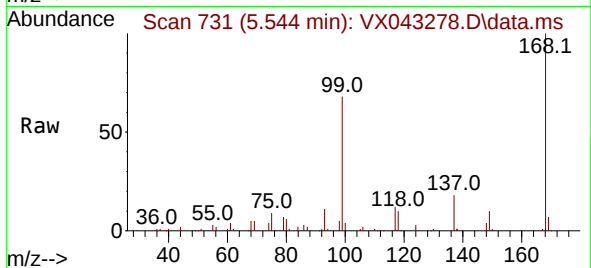
Tgt Ion: 75 Resp: 6825
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 24.9 37.3#



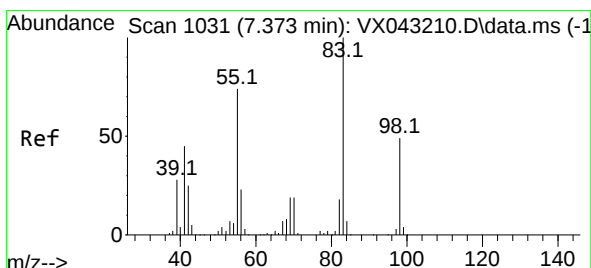
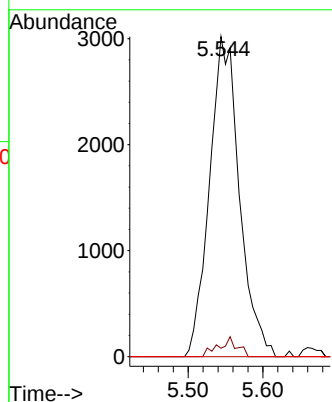
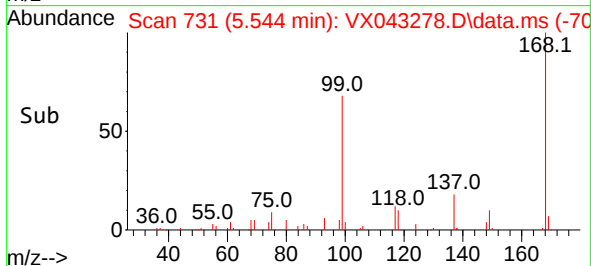


#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

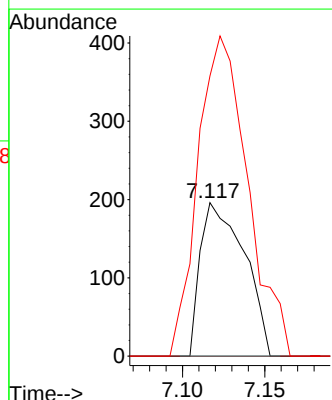
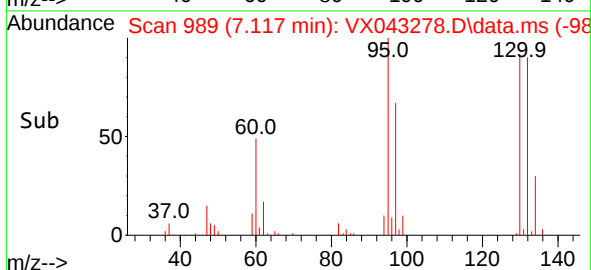
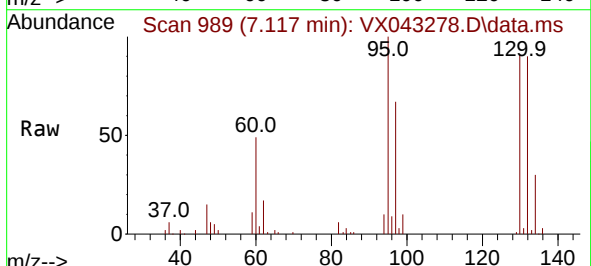


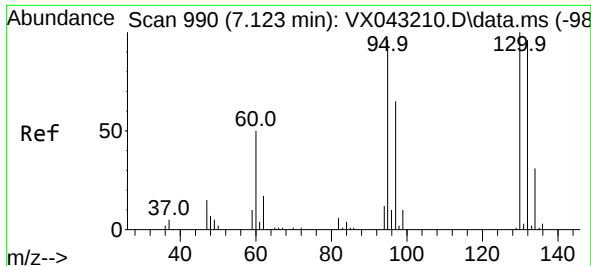
Tgt Ion:117 Resp: 8405
Ion Ratio Lower Upper
117 100
119 2.6 77.7 116.5#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 0.224 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 83 Resp: 365
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 151.0 39.3 58.9#

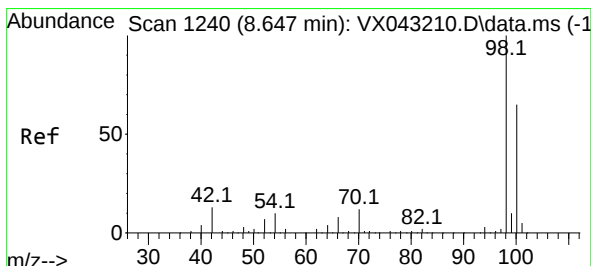
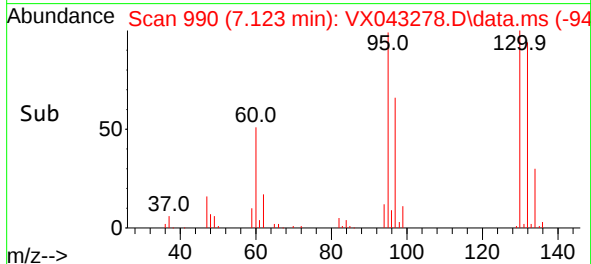
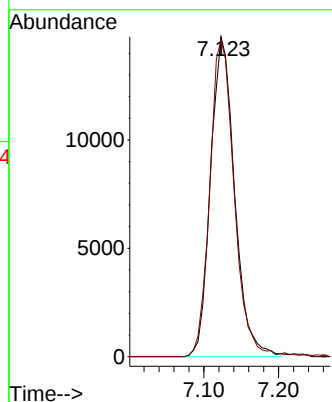
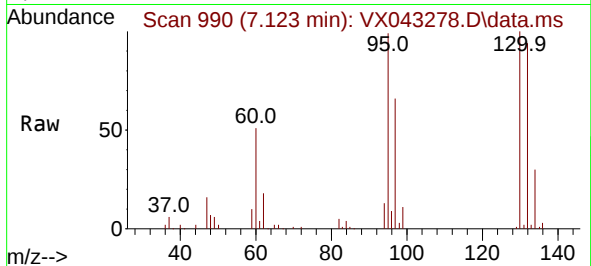




#44
Trichloroethene
Concen: 31.680 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

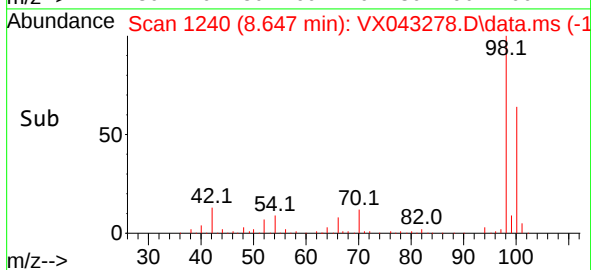
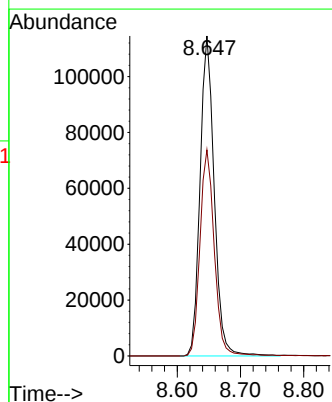
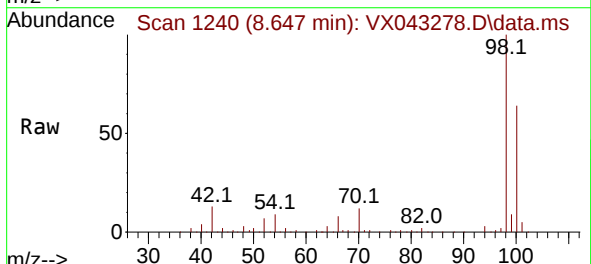
Instrument :
MSVOA_X
ClientSampleId :

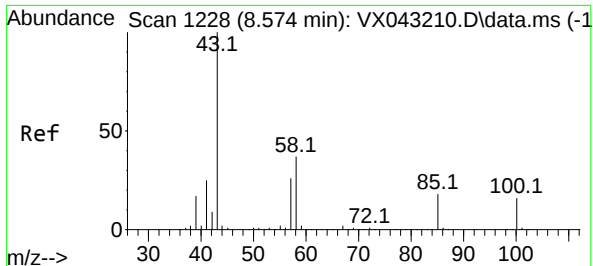
Tgt Ion:130 Resp: 32974
Ion Ratio Lower Upper
130 100
95 99.1 0.0 192.2



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 98 Resp: 178695
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

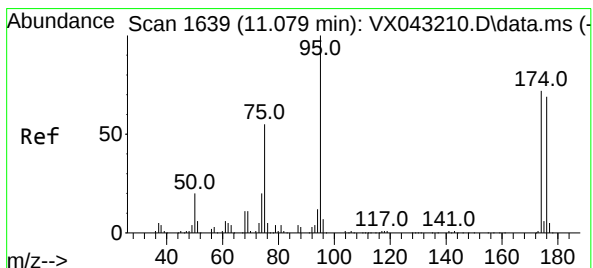
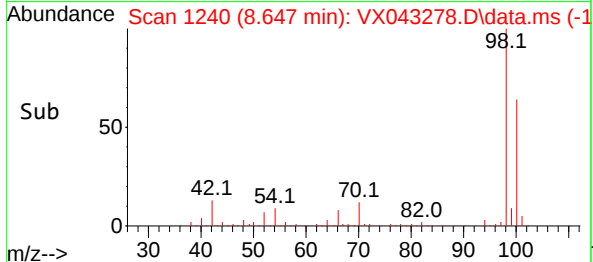
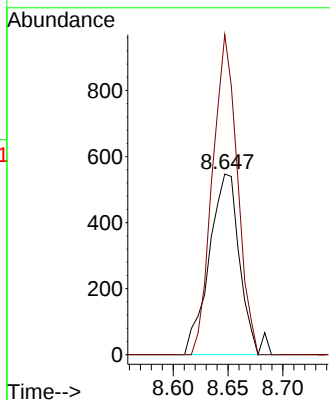
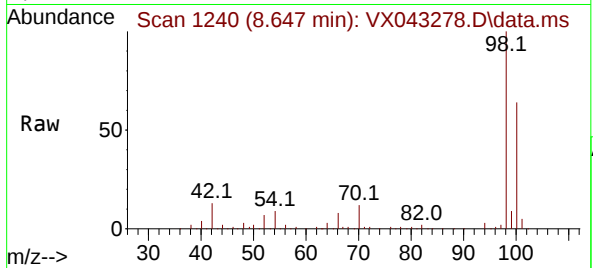




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

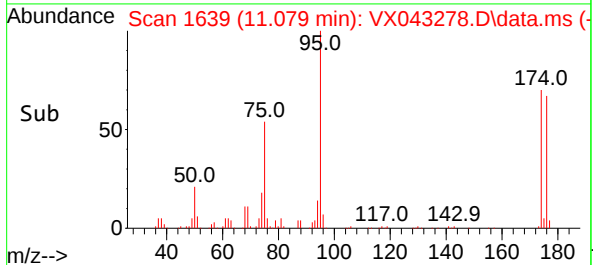
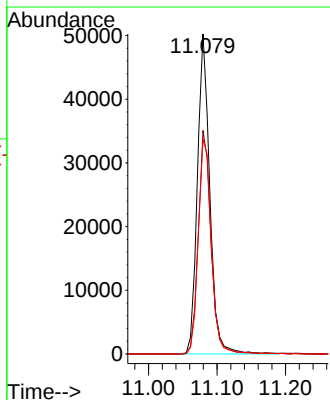
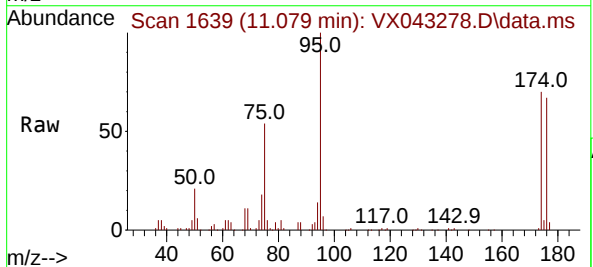
Instrument :
MSVOA_X
ClientSampleId :

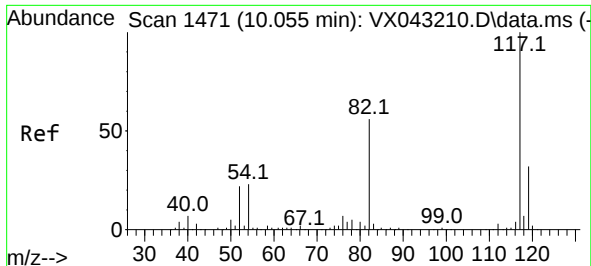
Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 143.8 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 95 Resp: 63350
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.0
176 70.7 0.0 143.0

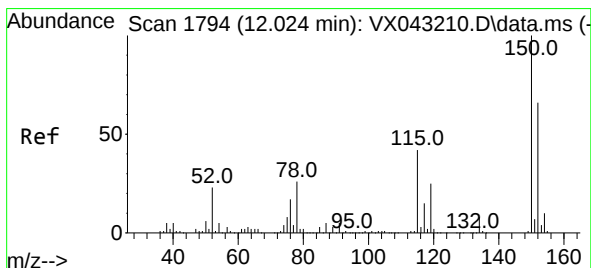
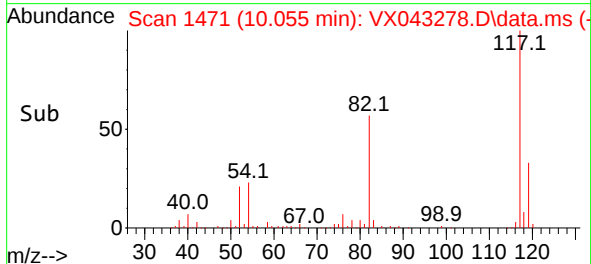
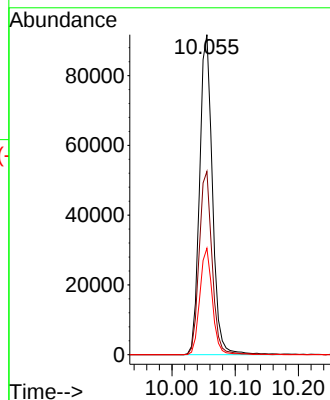
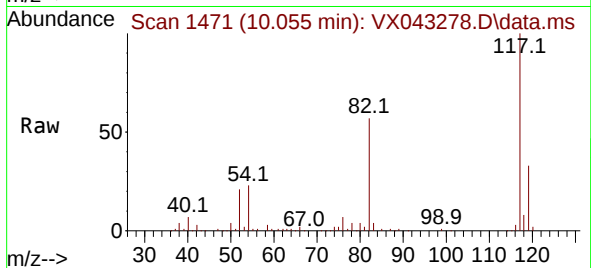




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

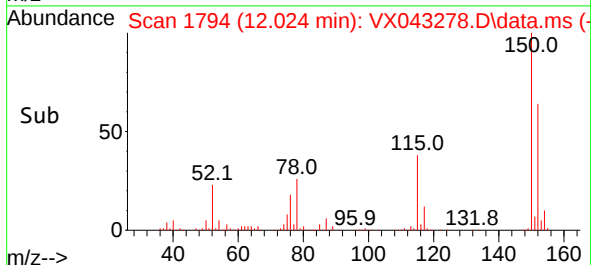
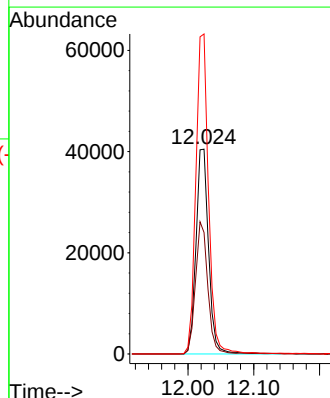
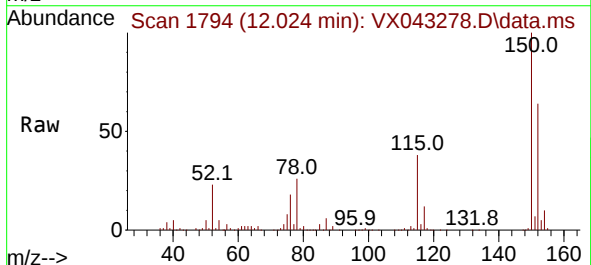
Instrument :
MSVOA_X
ClientSampleId :

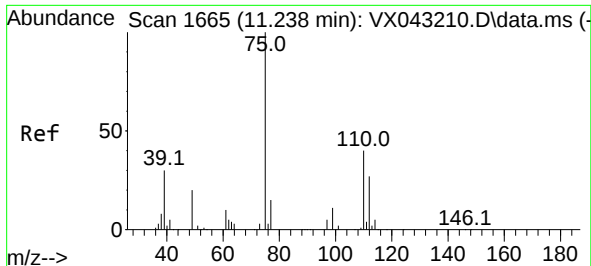
Tgt Ion:117 Resp: 129613
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.6
119 33.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion:152 Resp: 53622
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 156.2 0.0 347.4

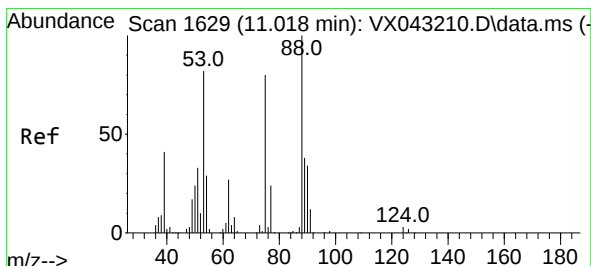
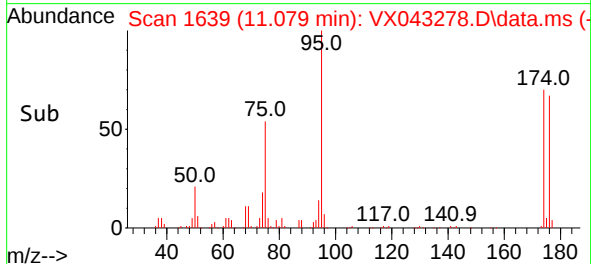
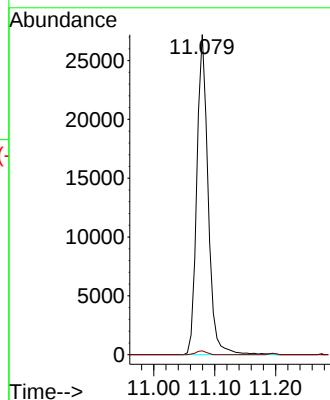
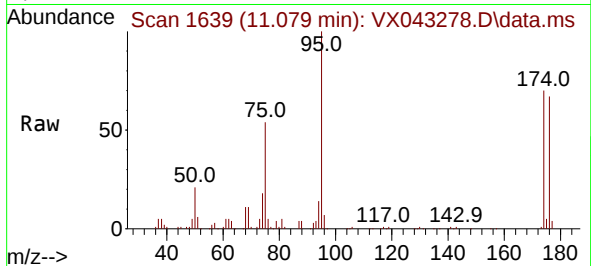




#76
1,2,3-Trichloropropane
Concen: 29.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 34990
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043278.D
Acq: 04 Oct 2024 11:00

Tgt Ion: 75 Resp: 34990
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#

