

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044926.D
 Acq On : 12 Feb 2025 12:32
 Operator : JC/MD
 Sample : Q1347-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:49:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

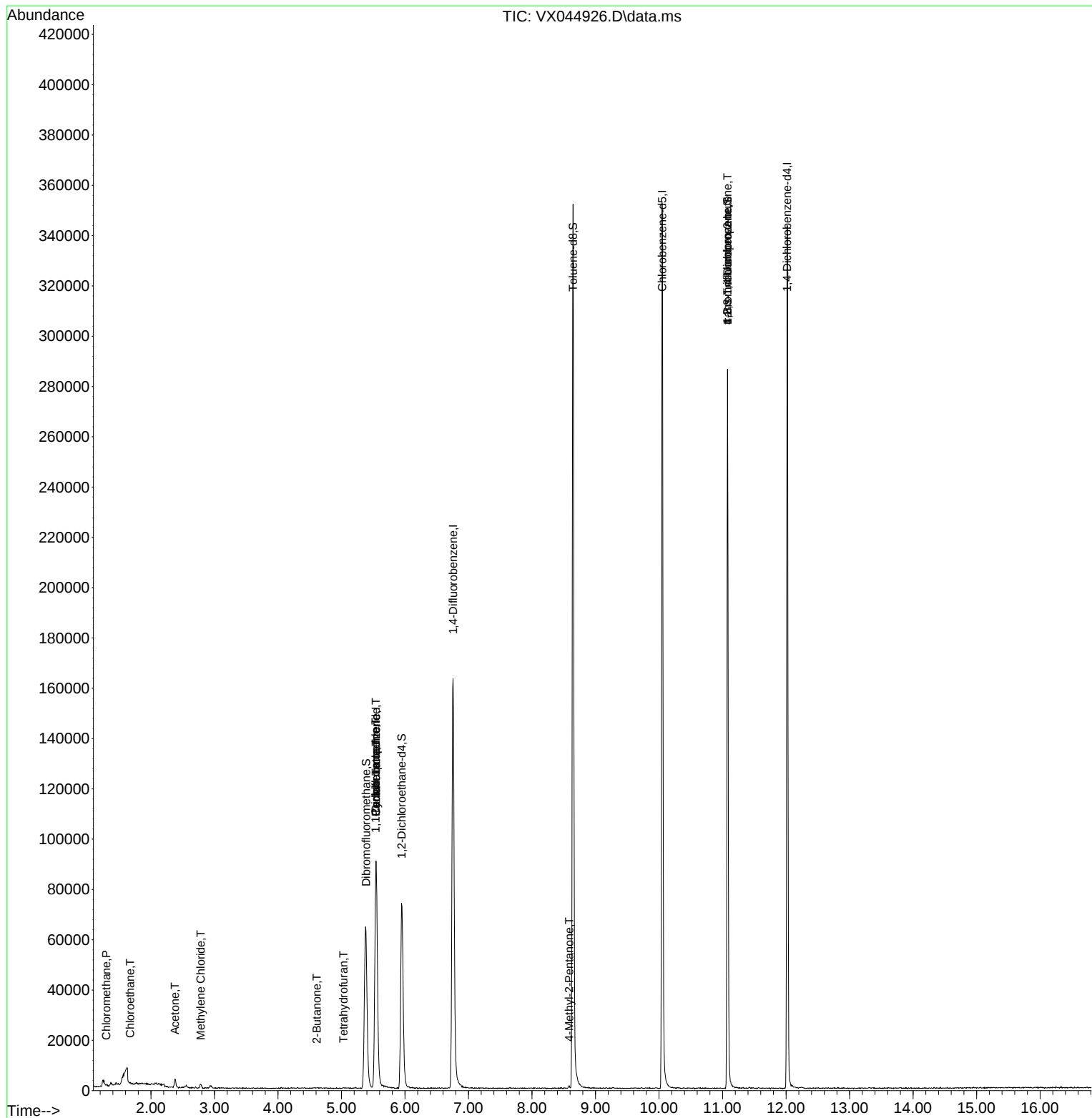
Internal Standards						
1) Pentafluorobenzene	5.543	168	84780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68685	55.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.700%			
35) Dibromofluoromethane	5.385	113	57540	50.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	8.646	98	216152	50.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	76095	52.280	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.560%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	526	0.363	ug/l #	42
6) Chloroethane	1.672	64	78	1.456	ug/l #	42
16) Acetone	2.379	43	3681	7.378	ug/l	95
20) Methylene Chloride	2.782	84	711	0.582	ug/l #	85
25) 2-Butanone	4.611	43	263	0.325	ug/l #	48
29) Tetrahydrofuran	5.031	42	196	0.364	ug/l #	33
31) Cyclohexane	5.543	56	2124	1.102	ug/l #	31
36) 1,1-Dichloropropene	5.537	75	7455	4.526	ug/l #	49
38) Carbon Tetrachloride	5.543	117	8836	5.474	ug/l #	15
51) 4-Methyl-2-Pentanone	8.585	43	613	0.341	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	40624	26.231	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40624	67.477	ug/l #	11

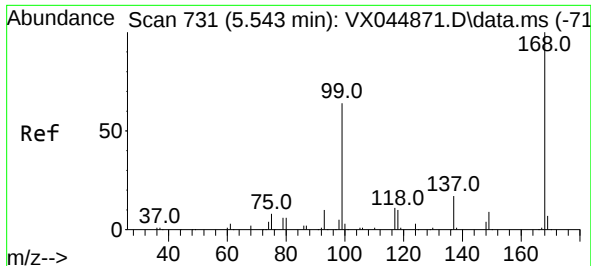
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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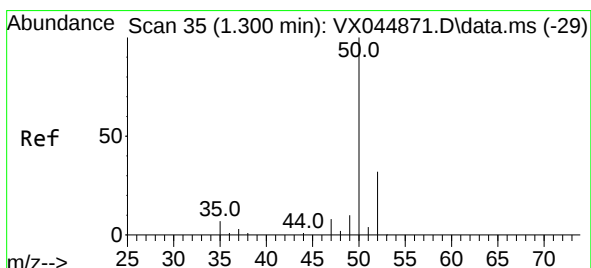
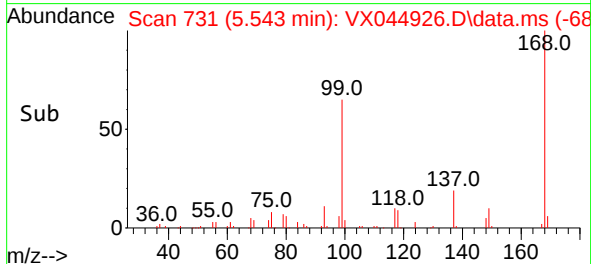
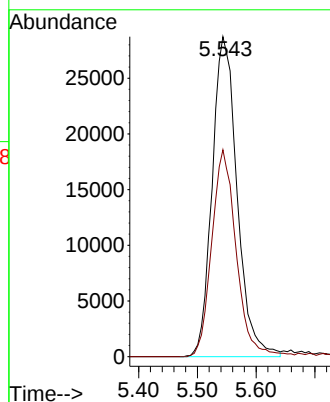
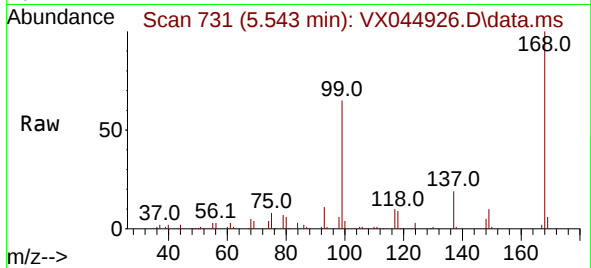




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

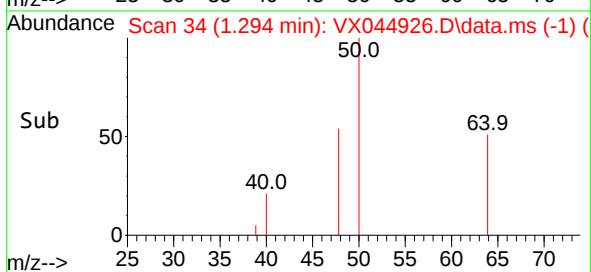
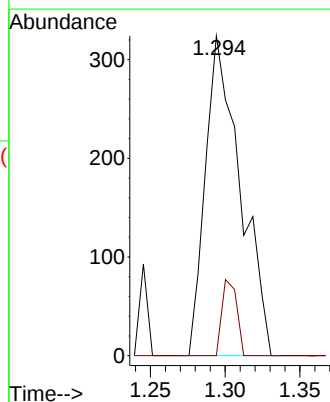
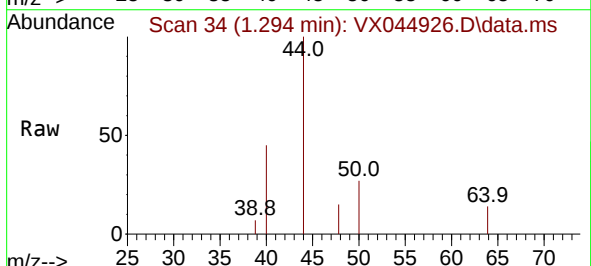
Instrument :
MSVOA_X
ClientSampleId :

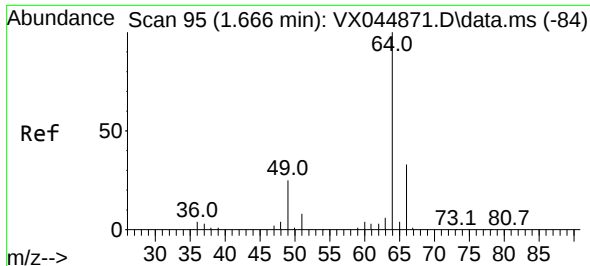
Tgt Ion:168 Resp: 84780
Ion Ratio Lower Upper
168 100
99 64.6 51.2 76.8



#3
Chloromethane
Concen: 0.363 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

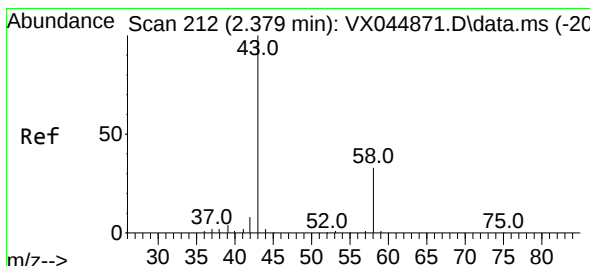
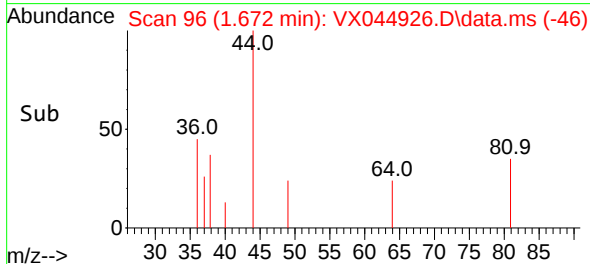
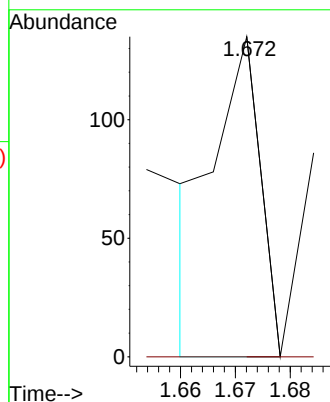
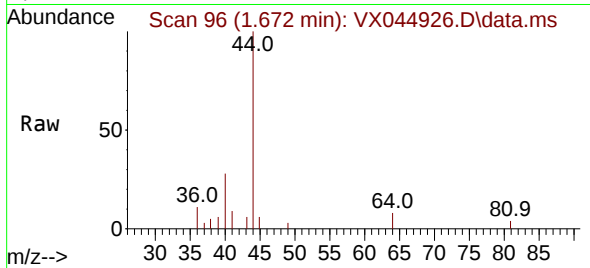




#6
Chloroethane
Concen: 1.456 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

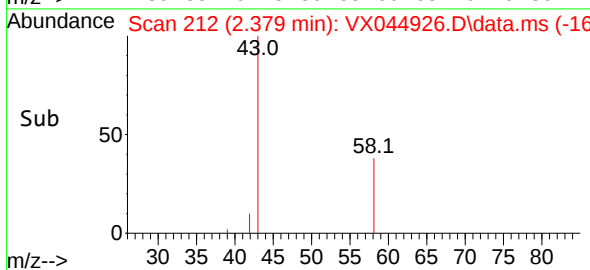
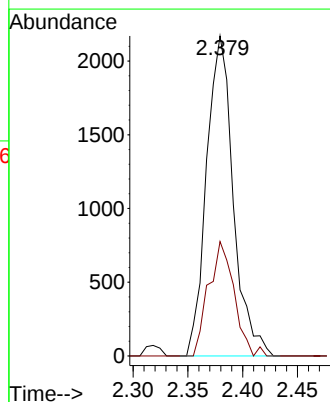
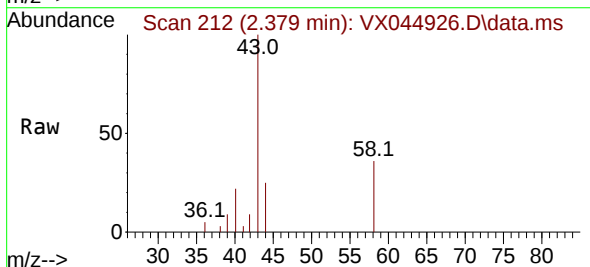
Instrument :
MSVOA_X
ClientSampleId :

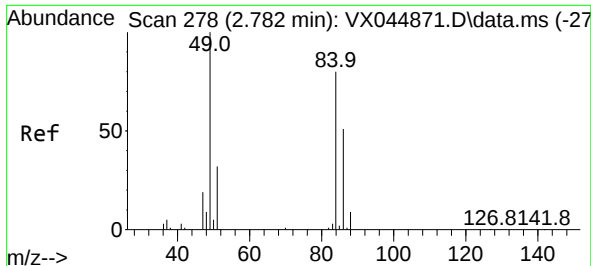
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 7.378 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

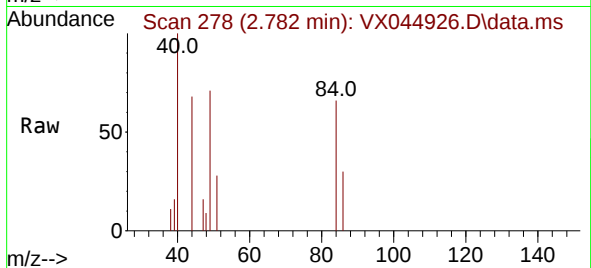
Tgt Ion: 43 Resp: 3681
Ion Ratio Lower Upper
43 100
58 35.8 26.5 39.7



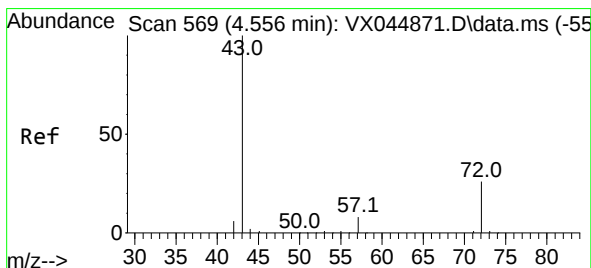
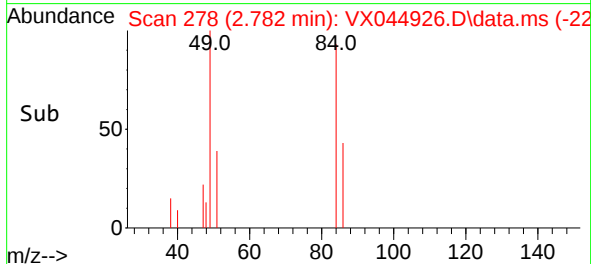
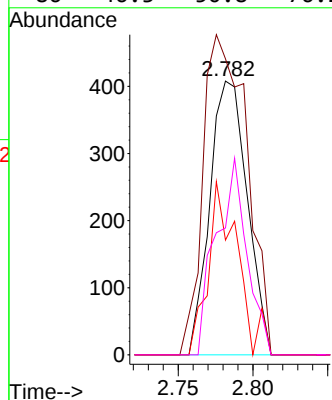


#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :

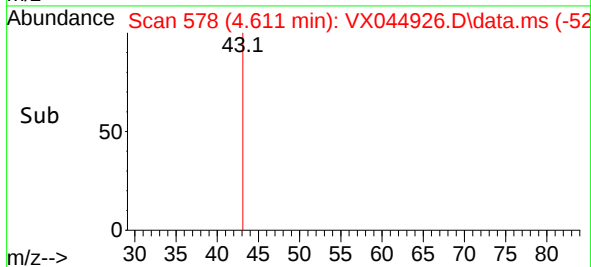
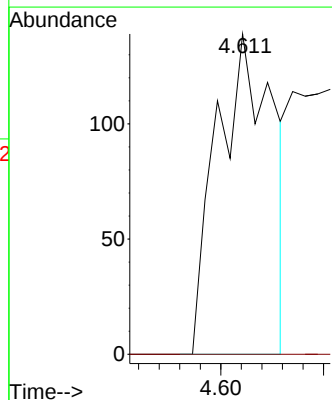
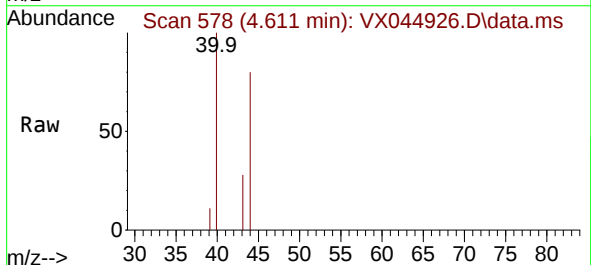


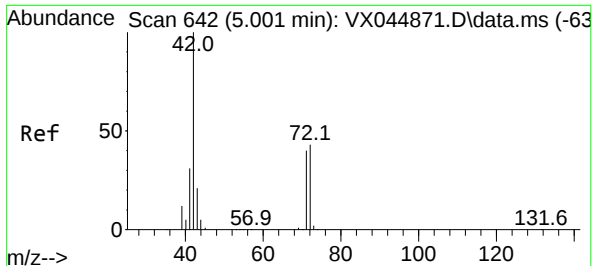
Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 108.1 100.1 150.1
51 41.9 31.7 47.5
86 46.3 50.8 76.2#



#25
2-Butanone
Concen: 0.325 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.055 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#





#29

Tetrahydrofuran

Concen: 0.364 ug/l

RT: 5.031 min Scan# 642

Delta R.T. 0.030 min

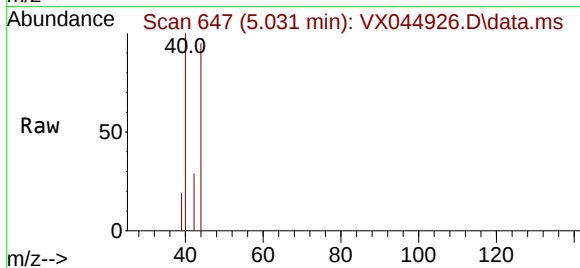
Lab File: VX044926.D

Acq: 12 Feb 2025 12:32

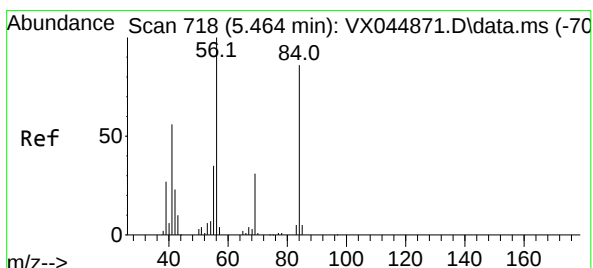
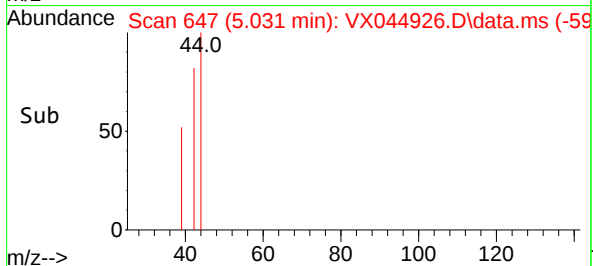
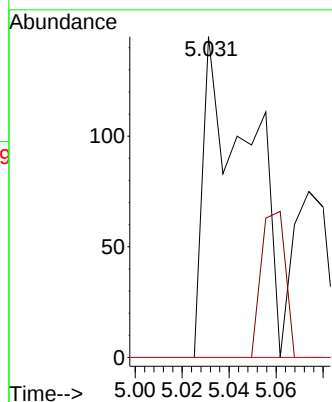
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	196
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	0.0	32.6	48.8#



#31

Cyclohexane

Concen: 1.102 ug/l

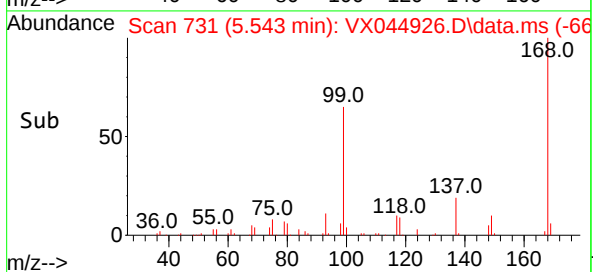
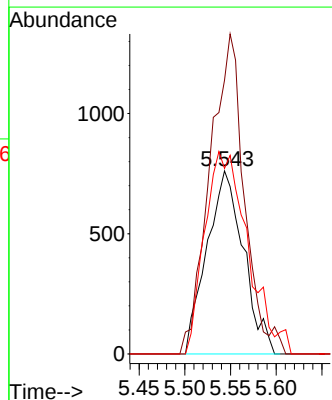
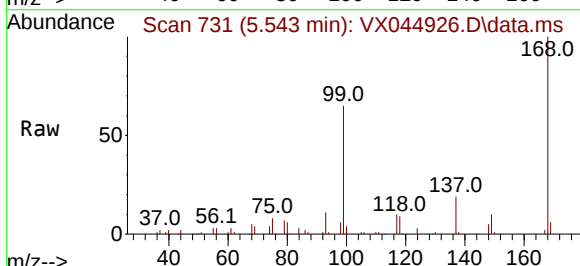
RT: 5.543 min Scan# 731

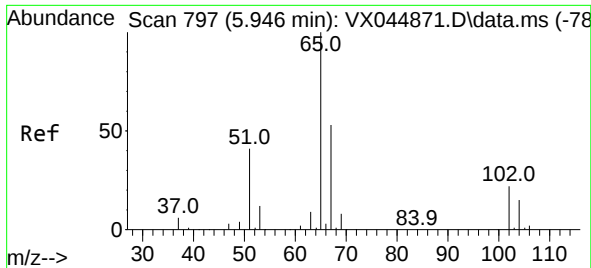
Delta R.T. 0.079 min

Lab File: VX044926.D

Acq: 12 Feb 2025 12:32

Tgt Ion:	56	Resp:	2124
Ion	Ratio	Lower	Upper
56	100		
69	149.7	24.4	36.6#
84	101.4	69.0	103.6

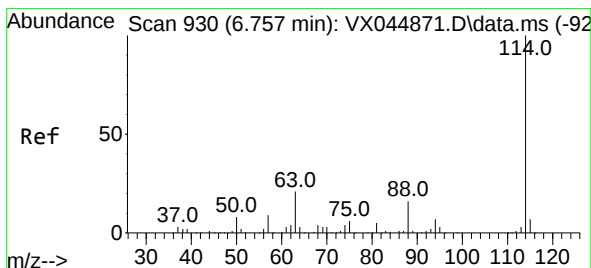
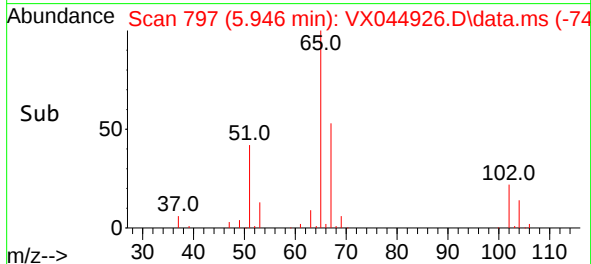
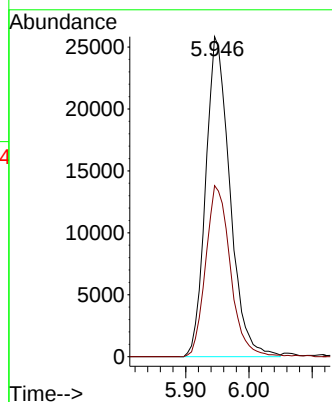
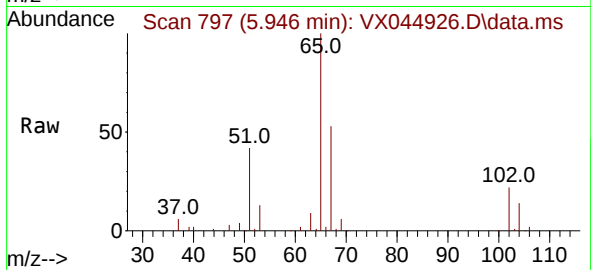




#33
 1,2-Dichloroethane-d4
 Concen: 55.345 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044926.D
 Acq: 12 Feb 2025 12:32

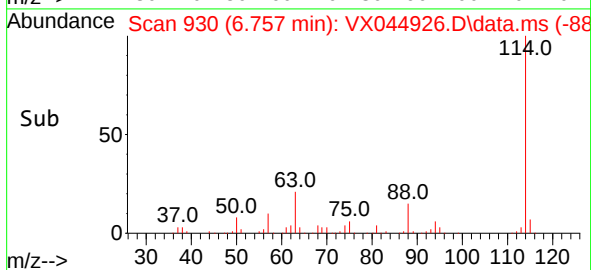
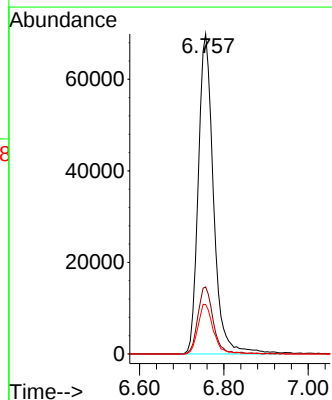
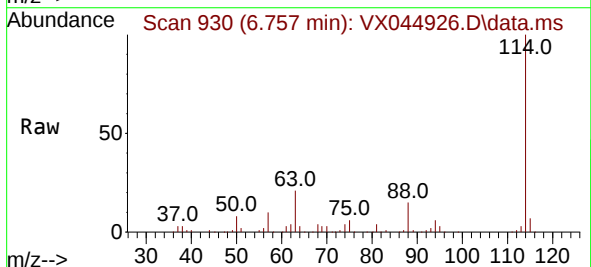
Instrument :
 MSVOA_X
 ClientSampleId :

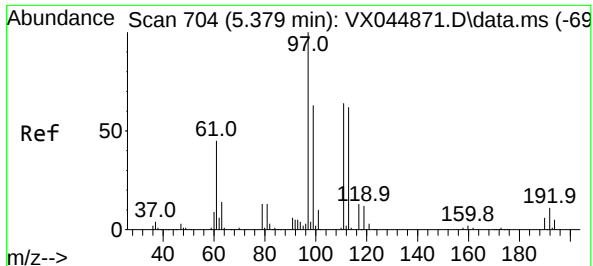
Tgt Ion: 65 Resp: 68685
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044926.D
 Acq: 12 Feb 2025 12:32

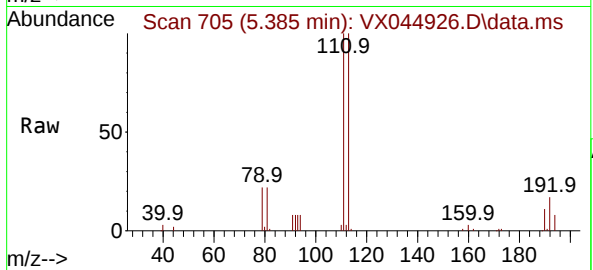
Tgt Ion: 114 Resp: 175612
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.5 0.0 31.4



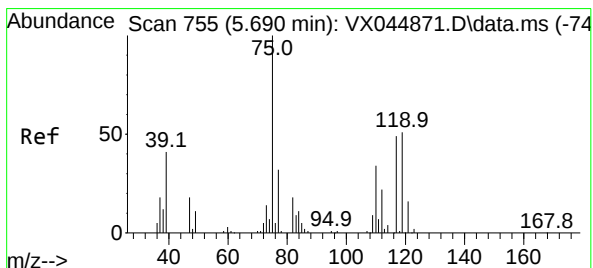
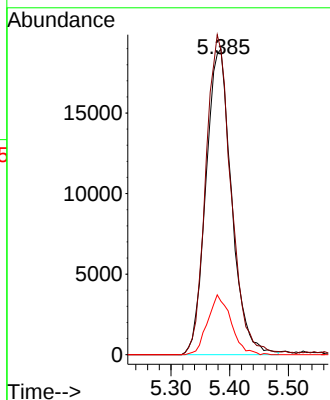
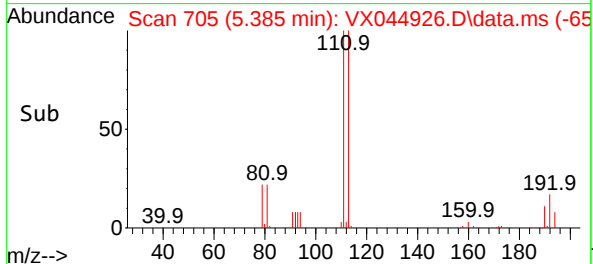


#35
Dibromofluoromethane
Concen: 50.395 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

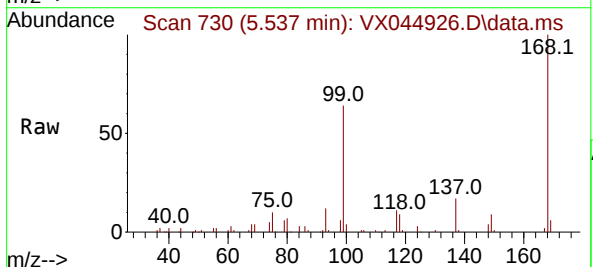
Instrument :
MSVOA_X
ClientSampleId :



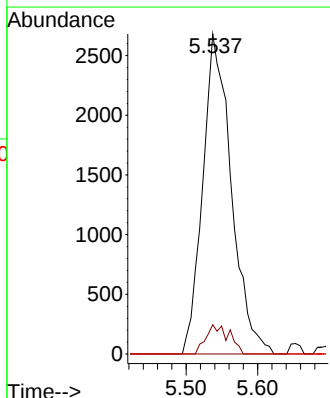
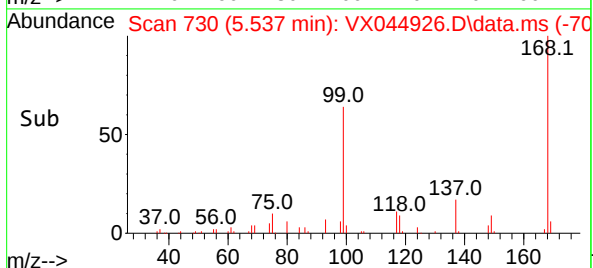
Tgt Ion:113 Resp: 57540
Ion Ratio Lower Upper
113 100
111 103.3 83.5 125.3
192 17.9 14.4 21.6

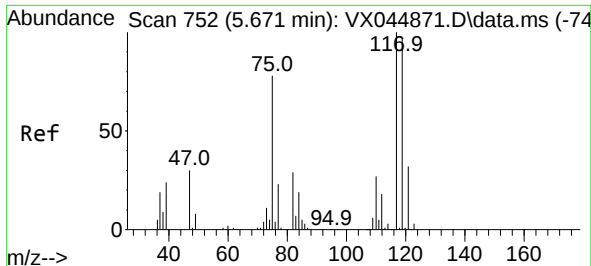


#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32



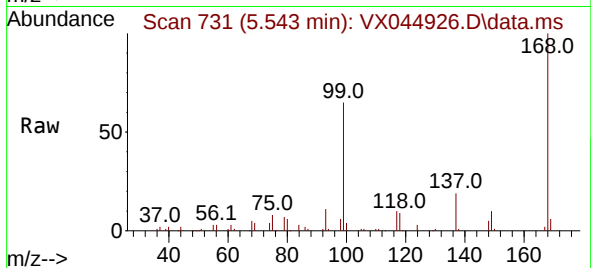
Tgt Ion: 75 Resp: 7455
Ion Ratio Lower Upper
75 100
110 7.4 17.2 51.6#
77 0.0 24.6 37.0#



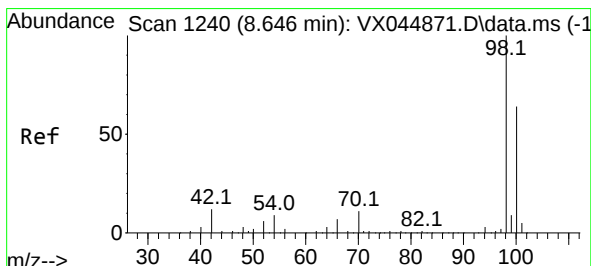
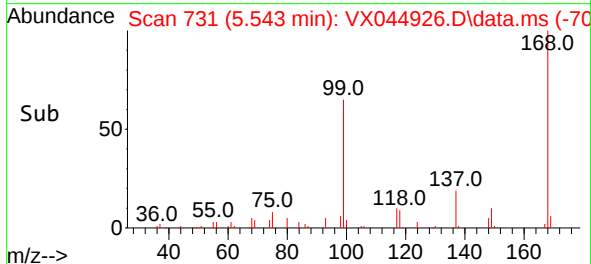
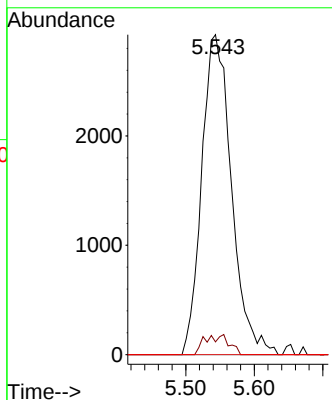


#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :

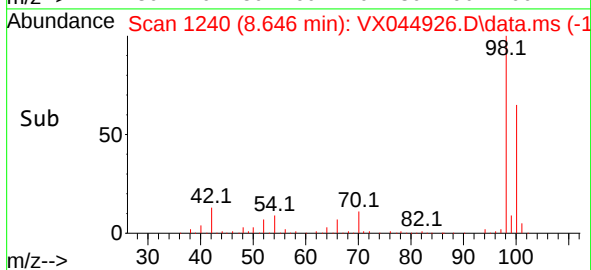
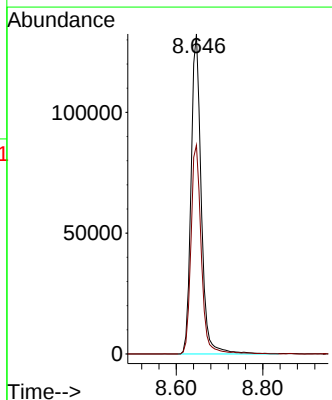
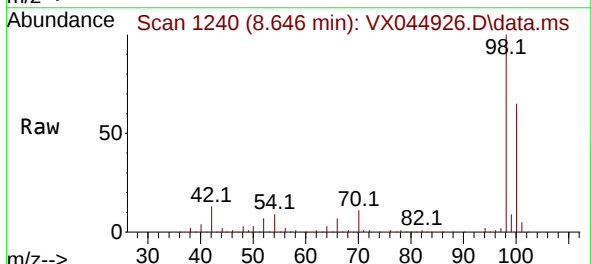


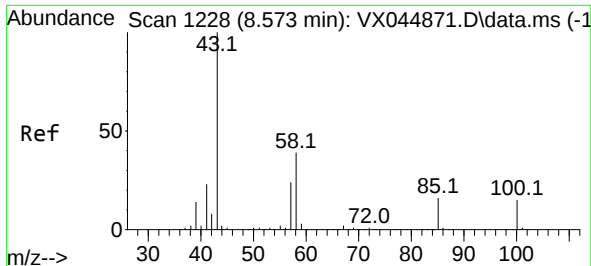
Tgt Ion:117 Resp: 8836
Ion Ratio Lower Upper
117 100
119 4.0 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.064 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Tgt Ion: 98 Resp: 216152
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.341 ug/l

RT: 8.585 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044926.D

Acq: 12 Feb 2025 12:32

Instrument :

MSVOA_X

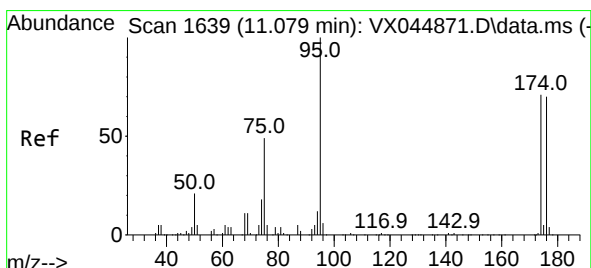
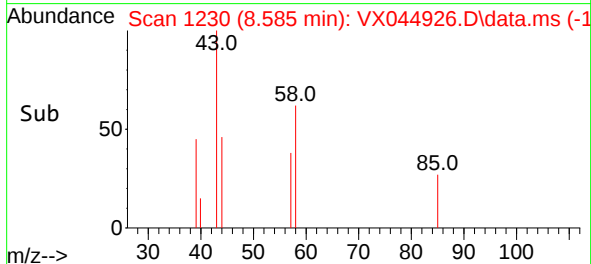
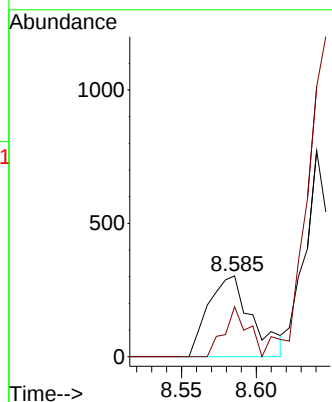
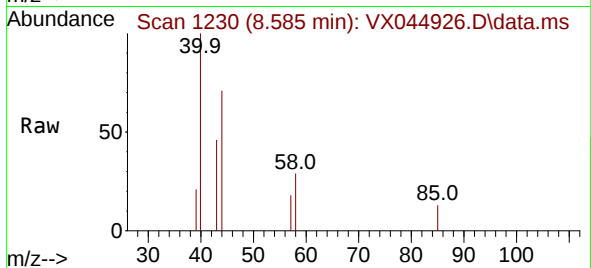
ClientSampleId :

Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

58 33.4 30.8 46.2



#62

4-Bromofluorobenzene

Concen: 52.280 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044926.D

Acq: 12 Feb 2025 12:32

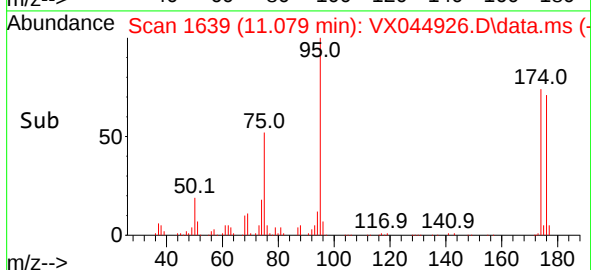
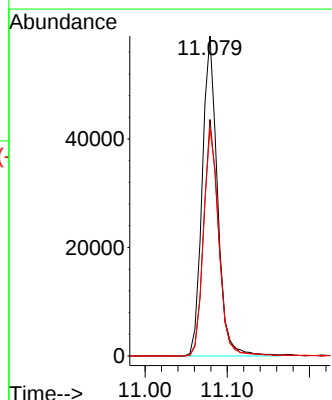
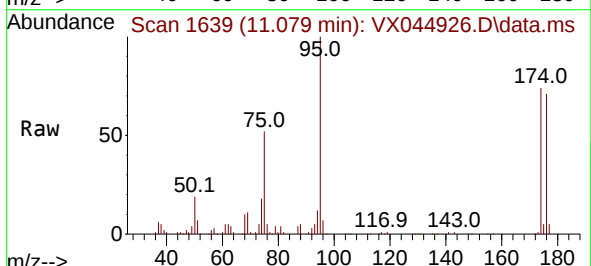
Tgt Ion: 95 Resp: 76095

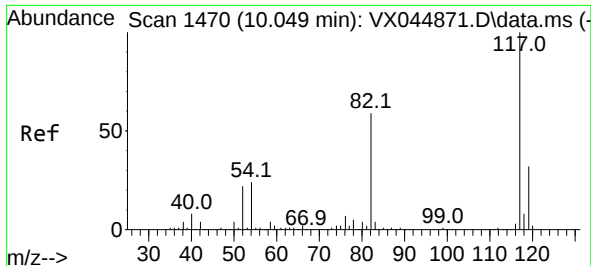
Ion Ratio Lower Upper

95 100

174 72.6 0.0 142.6

176 71.5 0.0 141.6

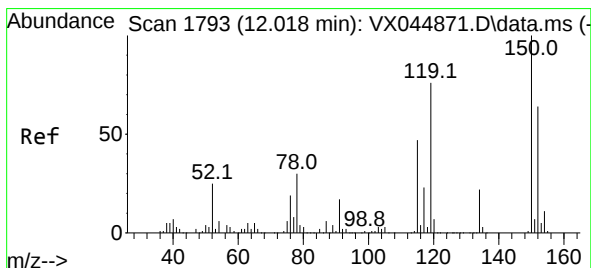
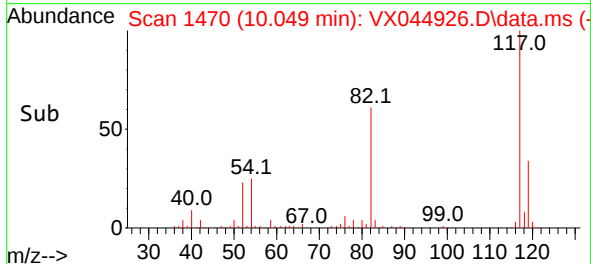
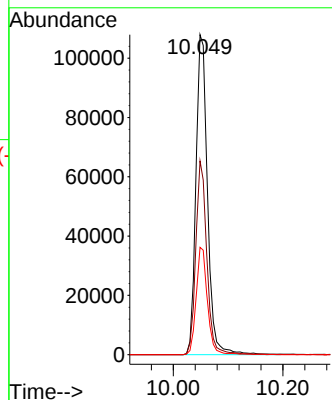
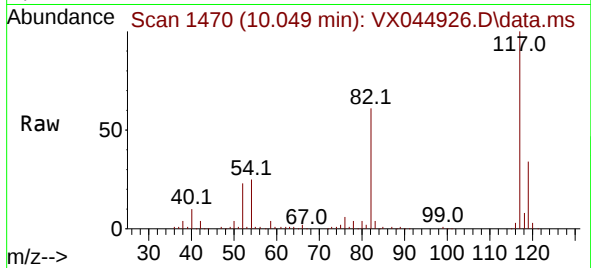




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

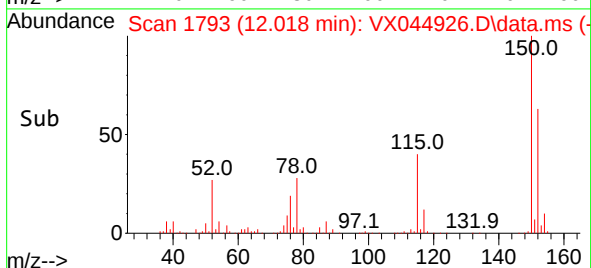
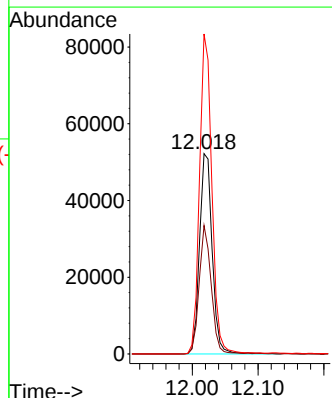
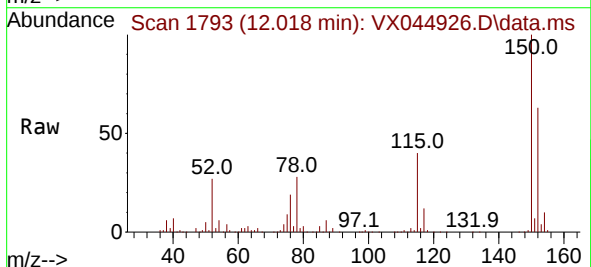
Instrument :
MSVOA_X
ClientSampleId :

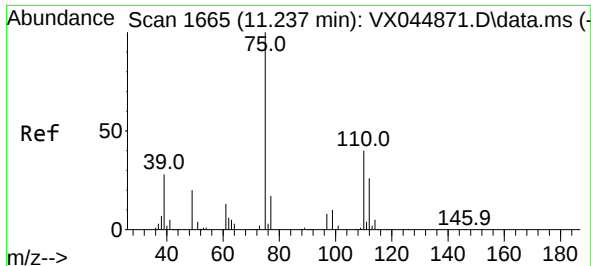
Tgt Ion:117 Resp: 159224
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Tgt Ion:152 Resp: 69850
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 155.9 0.0 350.4

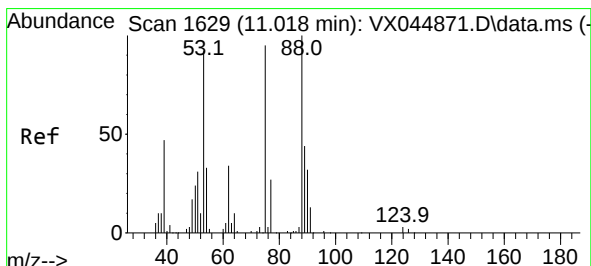
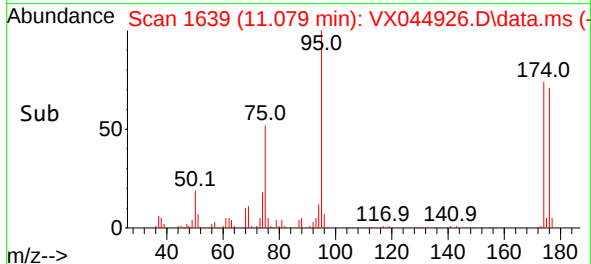
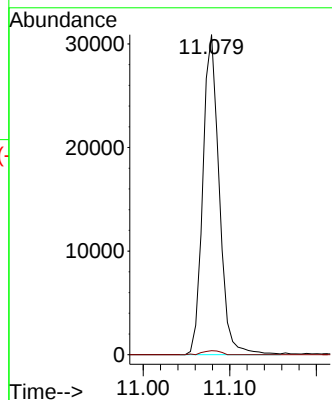
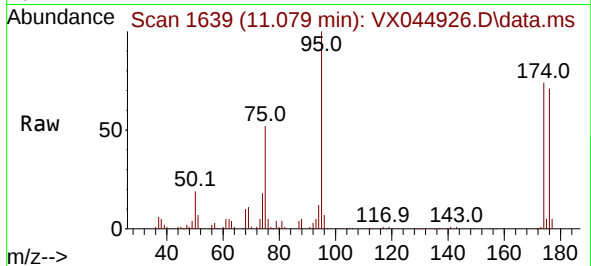




#76
1,2,3-Trichloropropane
Concen: 26.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40624
Ion Ratio Lower Upper
75 100
77 1.4 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044926.D
Acq: 12 Feb 2025 12:32

Tgt Ion: 75 Resp: 40624
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

