

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045721.D
 Acq On : 11 Apr 2025 07:05
 Operator : JC/MD
 Sample : Q1752-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Apr 11 07:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

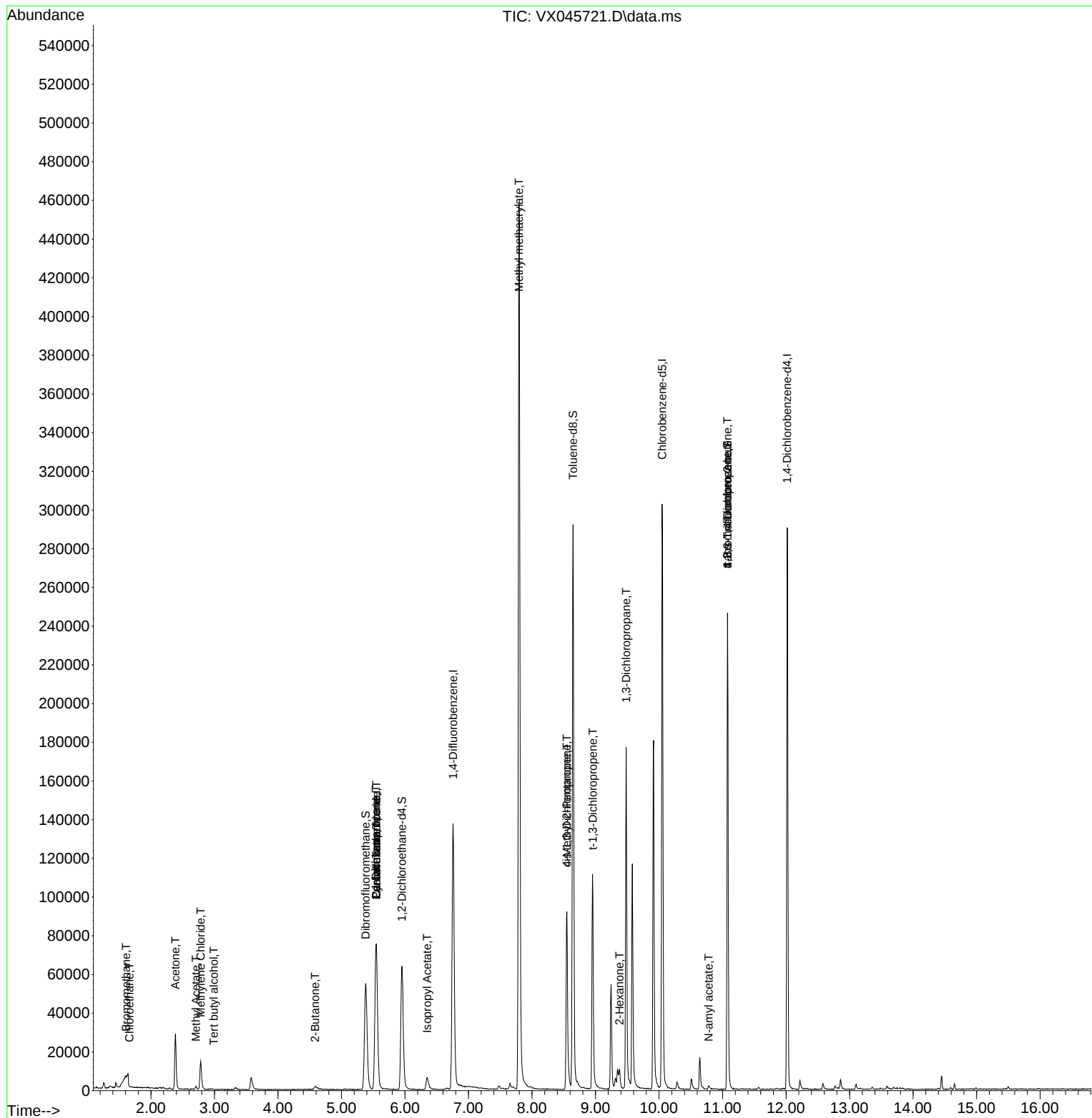
Internal Standards						
1) Pentafluorobenzene	5.550	168	65492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66844	55.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.620%
35) Dibromofluoromethane	5.379	113	47880	52.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	8.647	98	168032	52.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.260%
62) 4-Bromofluorobenzene	11.079	95	64029	55.061	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	120	0.275	ug/l #	3
6) Chloroethane	1.660	64	166	0.340	ug/l #	42
11) Tert butyl alcohol	2.989	59	180	1.118	ug/l #	72
16) Acetone	2.386	43	30914	62.859	ug/l	98
18) Methyl Acetate	2.709	43	2141	1.891	ug/l	94
20) Methylene Chloride	2.782	84	6421	6.974	ug/l	97
25) 2-Butanone	4.587	43	4129	5.736	ug/l	96
31) Cyclohexane	5.550	56	1963	1.336	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6552	5.305	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7991	5.987	ug/l #	15
43) Isopropyl Acetate	6.348	43	9131	3.871	ug/l	98
48) Methyl methacrylate	7.793	41	45818	37.621	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	37075	23.710	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	184	2.416	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14426	10.641	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	1353	0.854	ug/l #	42
59) 2-Hexanone	9.378	43	10021	8.654	ug/l #	28
74) N-amyl acetate	10.781	43	1388	0.669	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	37704	28.566	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37704	96.949	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045721.D
Acq On : 11 Apr 2025 07:05
Operator : JC/MD
Sample : Q1752-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-4

Quant Time: Apr 11 07:45:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

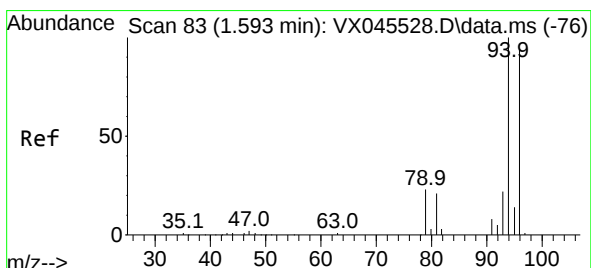
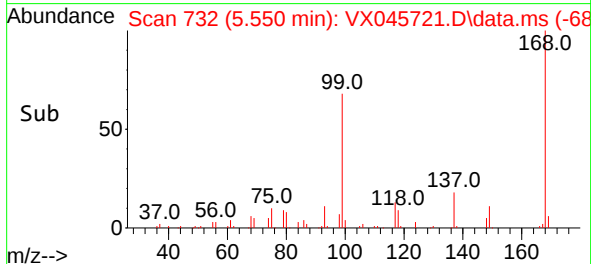
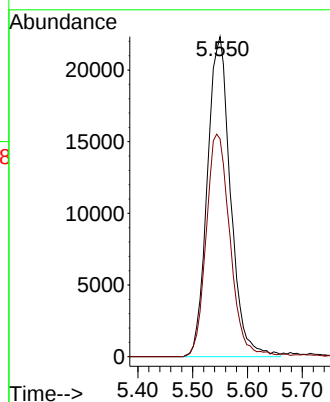
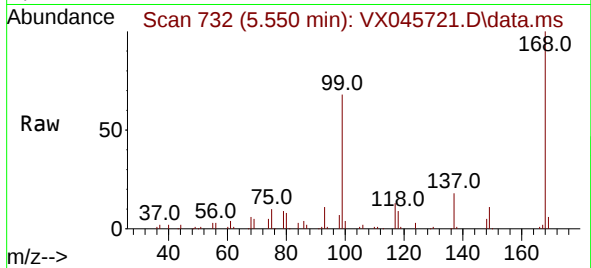




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

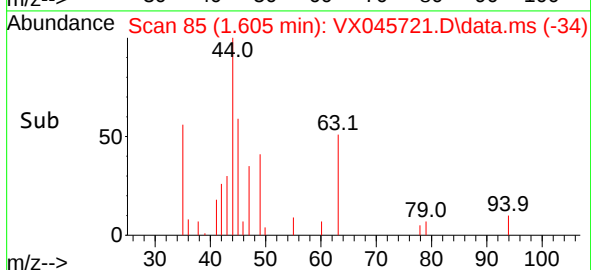
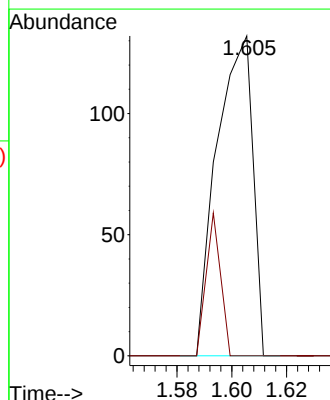
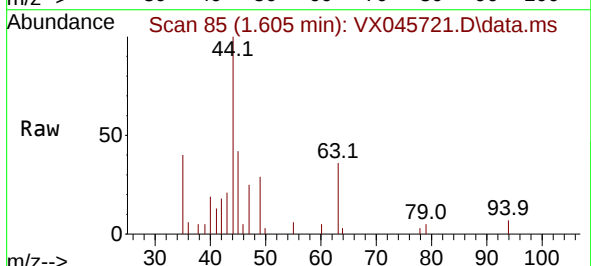
Instrument :
MSVOA_X
ClientSampleId :
TP-4

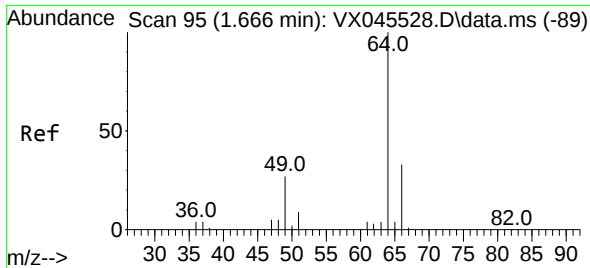
Tgt Ion:168 Resp: 65492
Ion Ratio Lower Upper
168 100
99 68.0 52.3 78.5



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

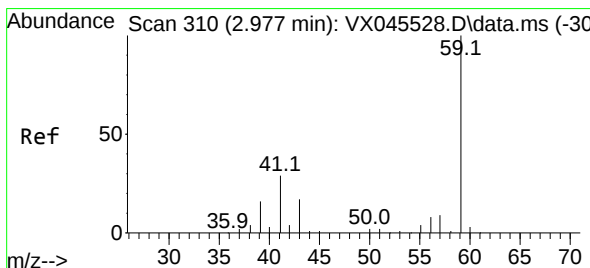
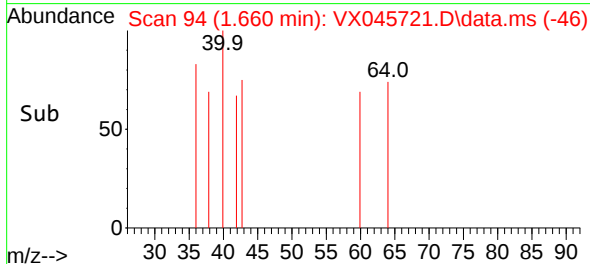
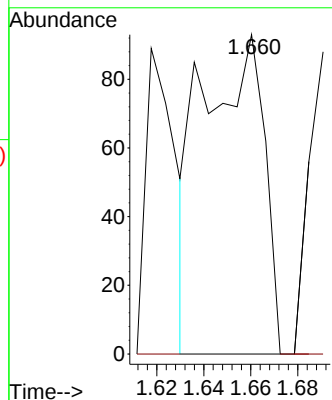
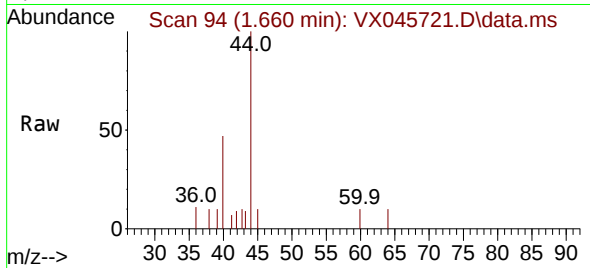




#6
Chloroethane
Concen: 0.340 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

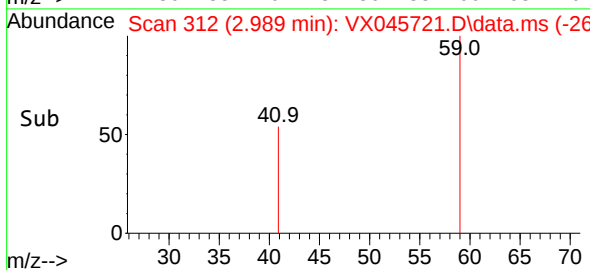
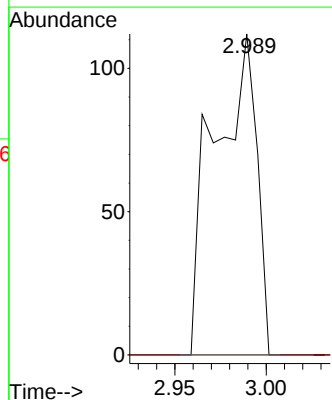
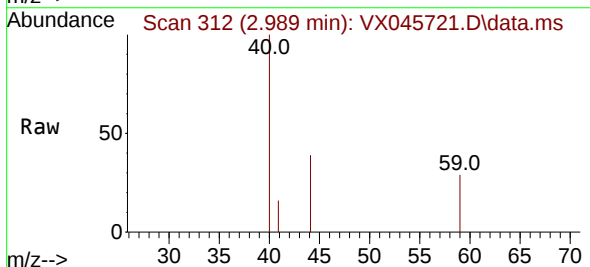
Instrument :
MSVOA_X
ClientSampleId :
TP-4

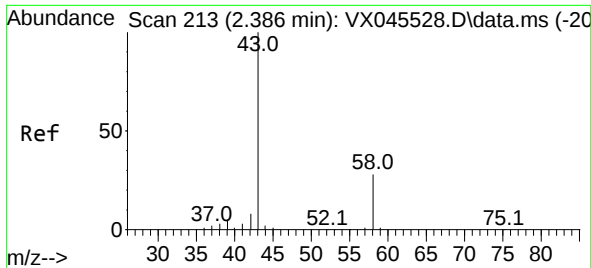
Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 1.118 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

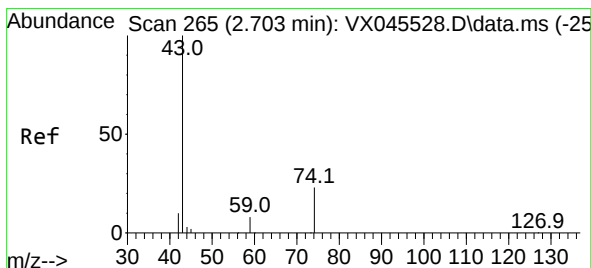
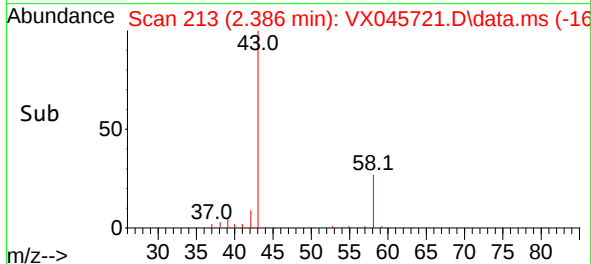
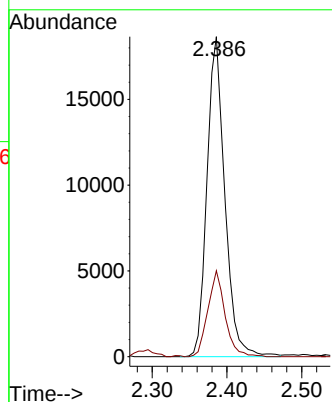
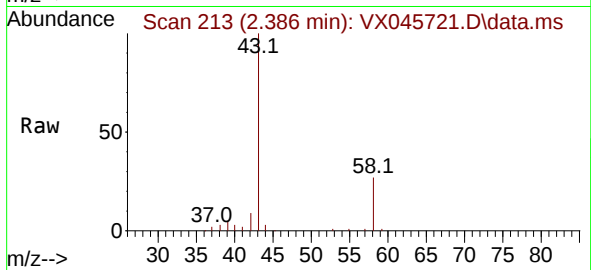




#16
Acetone
Concen: 62.859 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

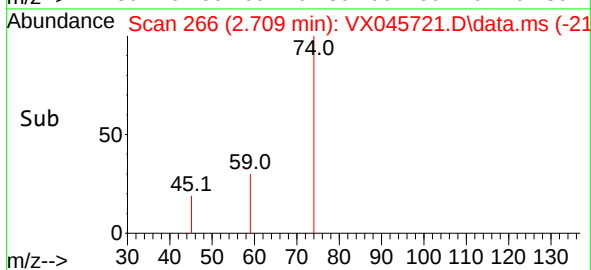
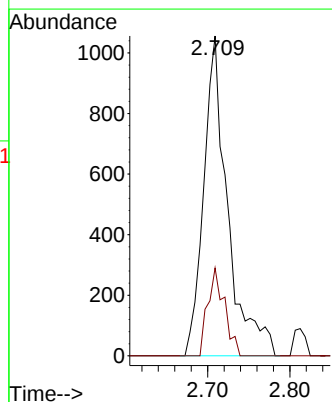
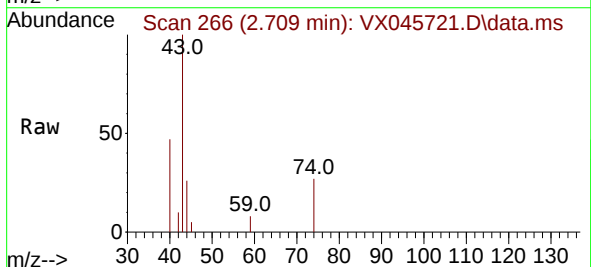
Instrument :
MSVOA_X
ClientSampleId :
TP-4

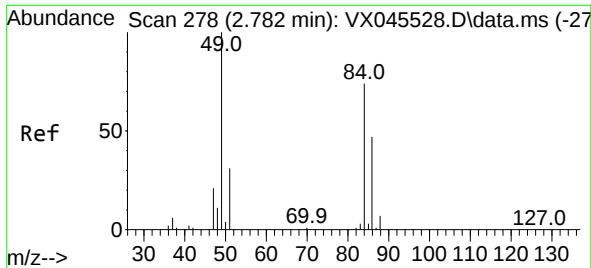
Tgt Ion: 43 Resp: 30914
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5



#18
Methyl Acetate
Concen: 1.891 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
74 19.2 17.5 26.3

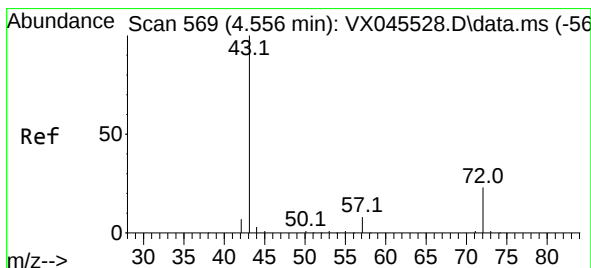
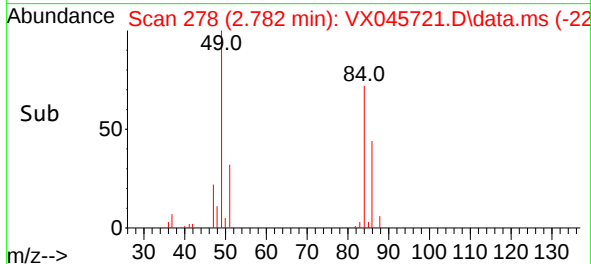
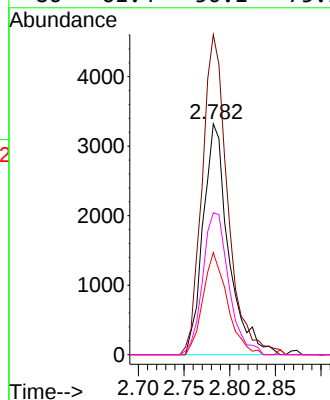
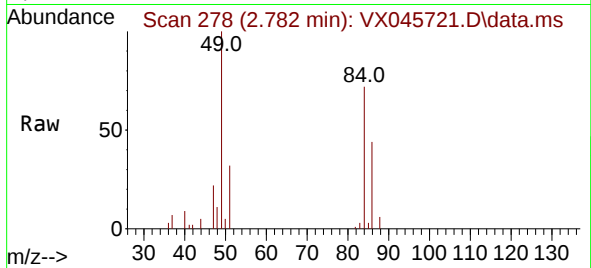




#20
Methylene Chloride
Concen: 6.974 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

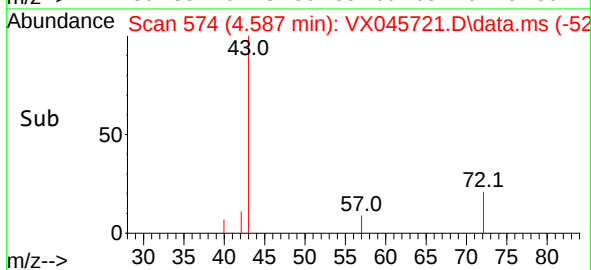
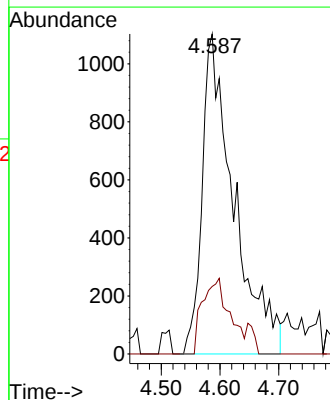
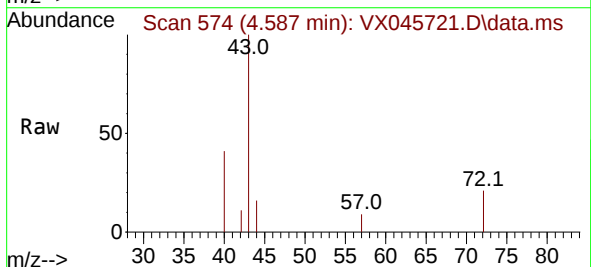
Instrument :
MSVOA_X
ClientSampleId :
TP-4

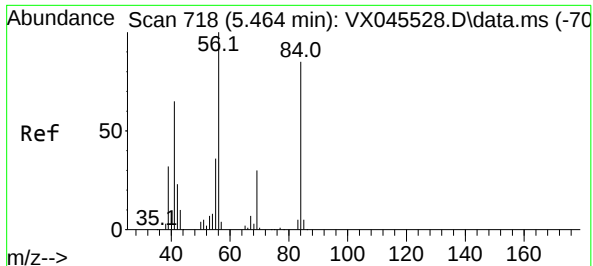
Tgt Ion:	84	Resp:	6421
Ion	Ratio	Lower	Upper
84	100		
49	138.5	107.5	161.3
51	44.2	33.0	49.6
86	61.4	50.1	75.1



#25
2-Butanone
Concen: 5.736 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion:	43	Resp:	4129
Ion	Ratio	Lower	Upper
43	100		
72	21.1	18.6	28.0

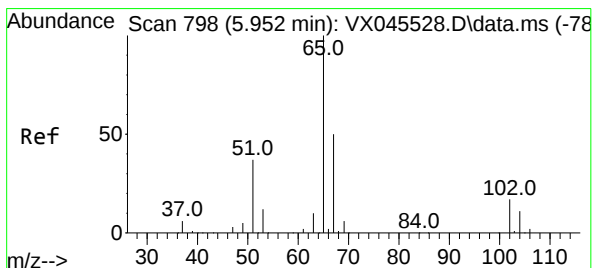
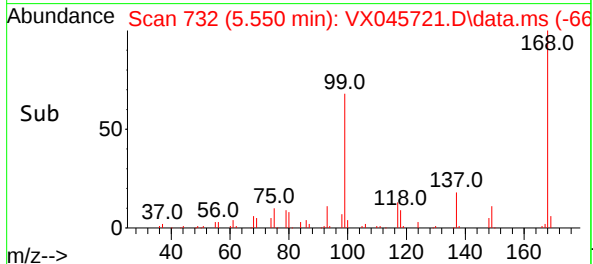
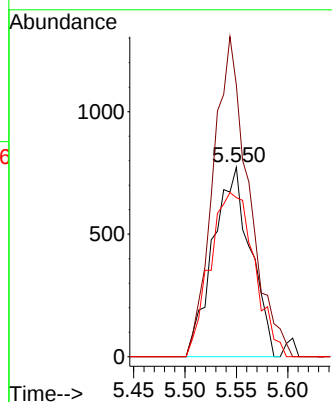
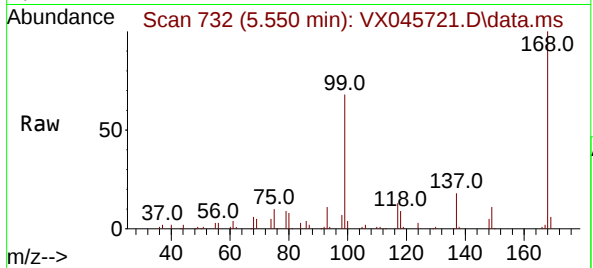




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

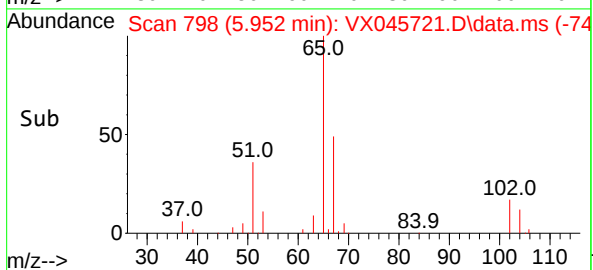
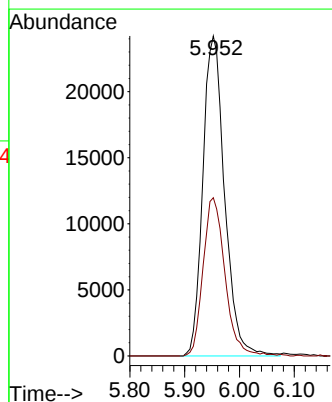
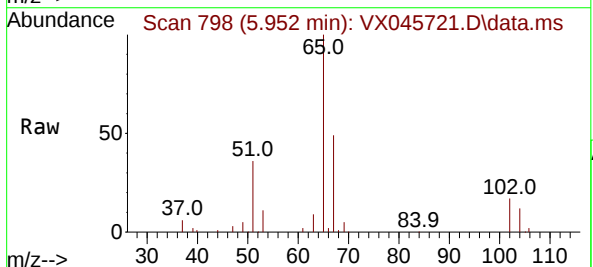
Instrument :
MSVOA_X
ClientSampleId :
TP-4

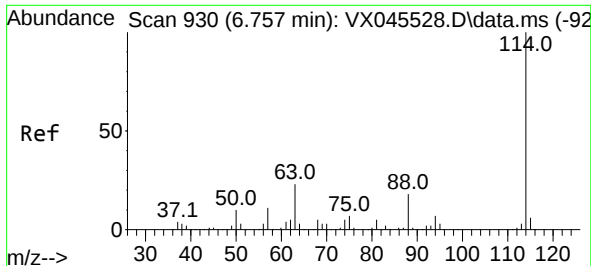
Tgt Ion: 56 Resp: 1963
Ion Ratio Lower Upper
56 100
69 143.3 23.6 35.4#
84 84.0 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.811 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 65 Resp: 66844
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

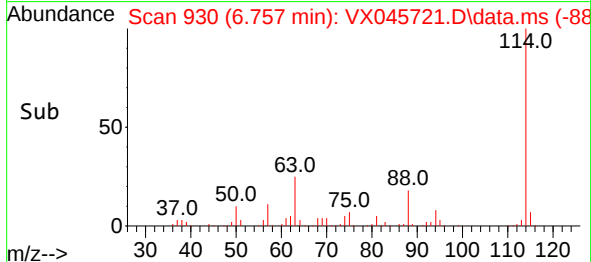
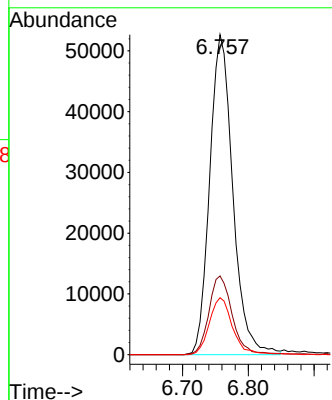
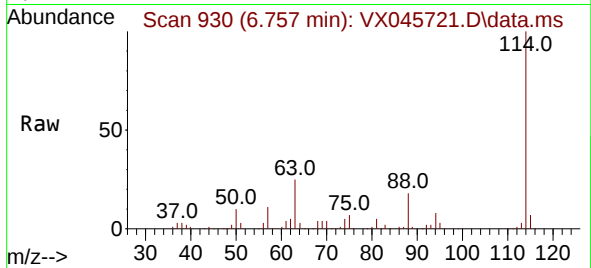




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

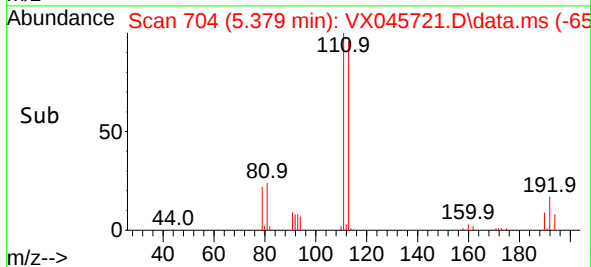
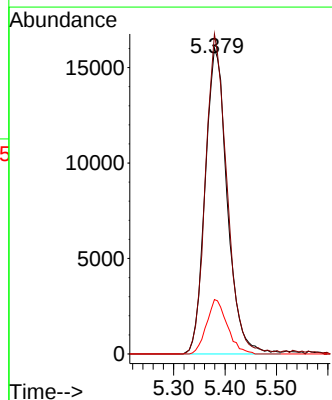
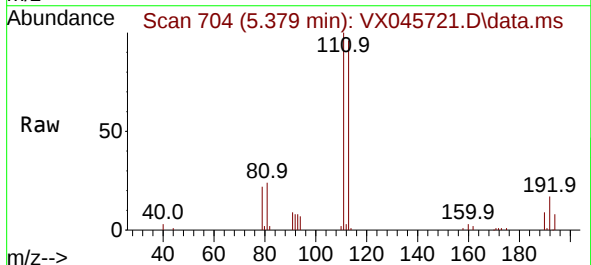
Instrument :
MSVOA_X
ClientSampleId :
TP-4

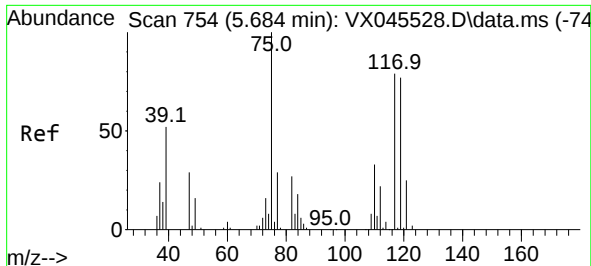
Tgt Ion:114 Resp: 128916
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.347 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion:113 Resp: 47880
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 16.7 13.8 20.6

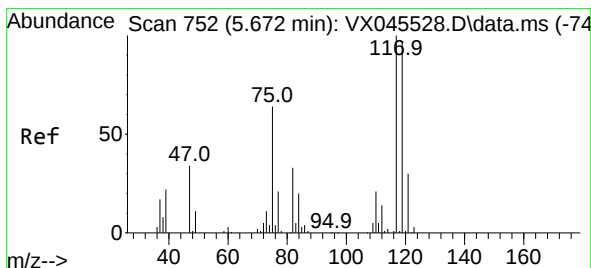
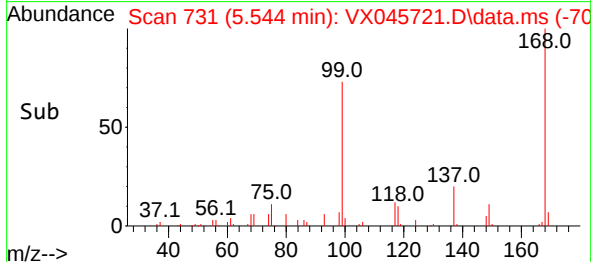
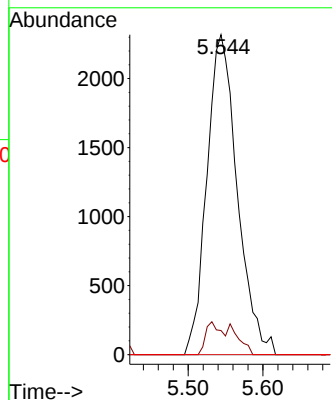
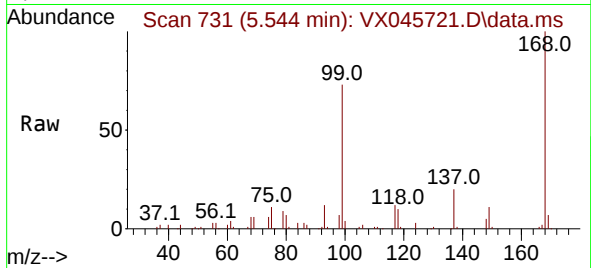




#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

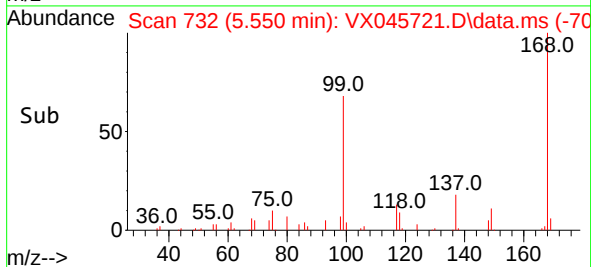
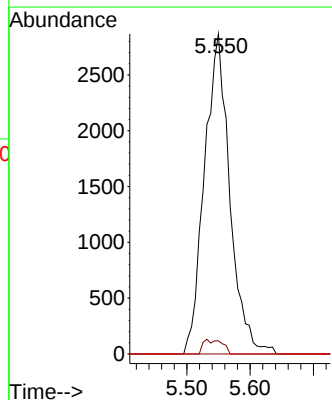
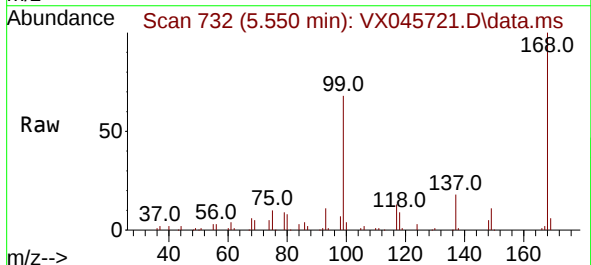
Instrument :
MSVOA_X
ClientSampleId :
TP-4

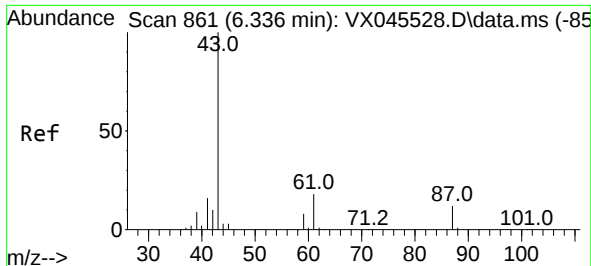
Tgt Ion: 75 Resp: 6552
Ion Ratio Lower Upper
75 100
110 5.5 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 117 Resp: 7991
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 24.2 36.2#

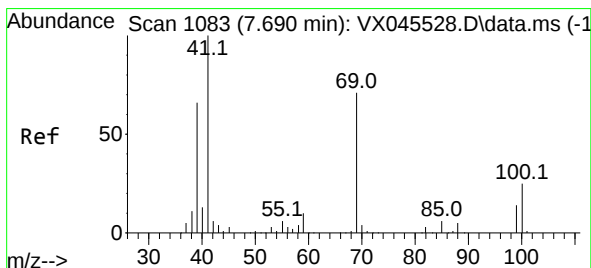
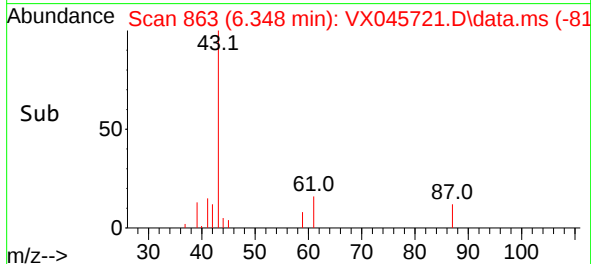
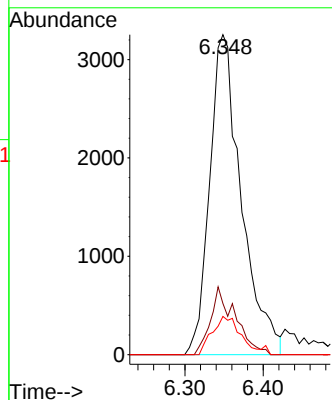
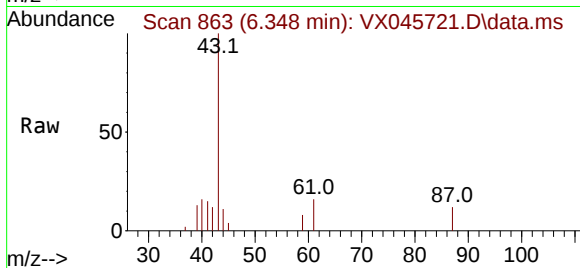




#43
Isopropyl Acetate
Concen: 3.871 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

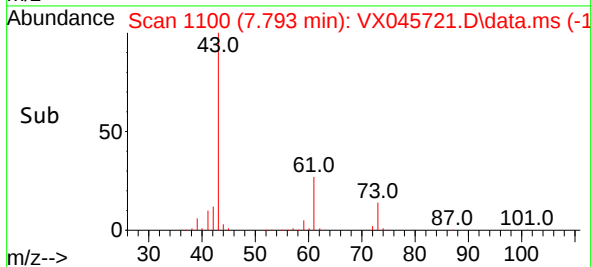
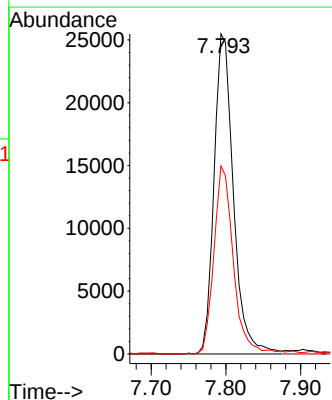
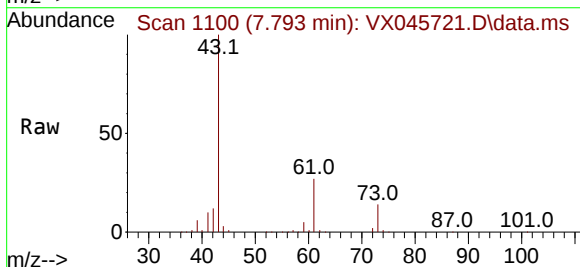
Instrument :
MSVOA_X
ClientSampleId :
TP-4

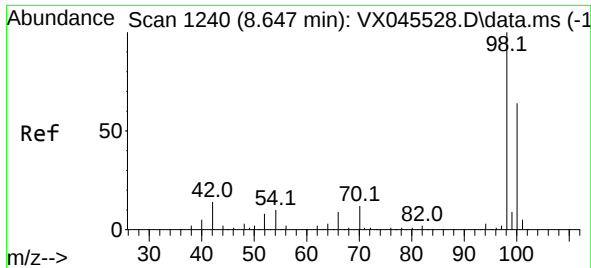
Tgt Ion: 43 Resp: 9131
Ion Ratio Lower Upper
43 100
61 16.7 14.1 21.1
87 11.1 9.2 13.8



#48
Methyl methacrylate
Concen: 37.621 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 41 Resp: 45818
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 59.1 53.6 80.4

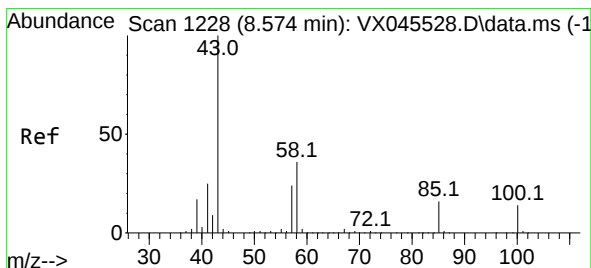
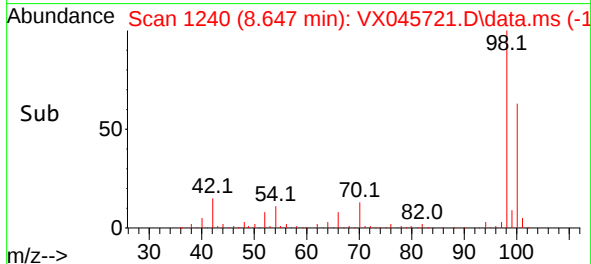
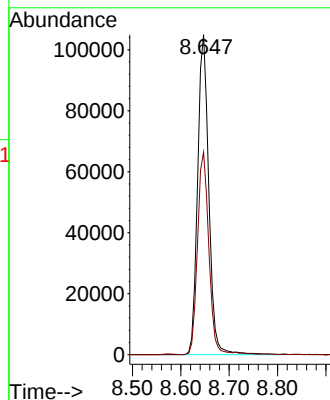
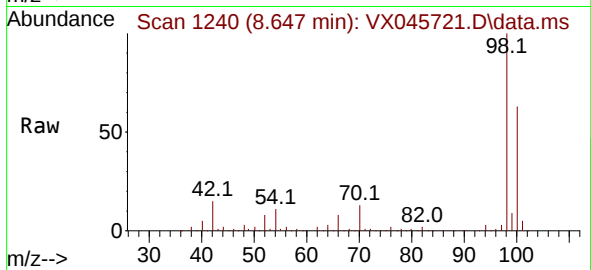




#50
Toluene-d8
Concen: 52.633 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

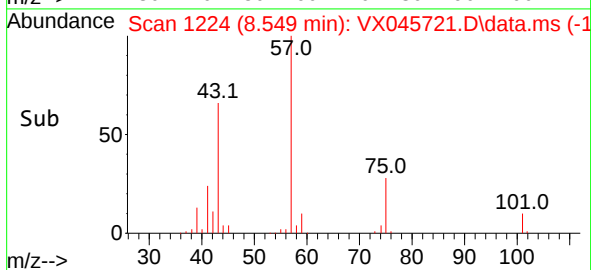
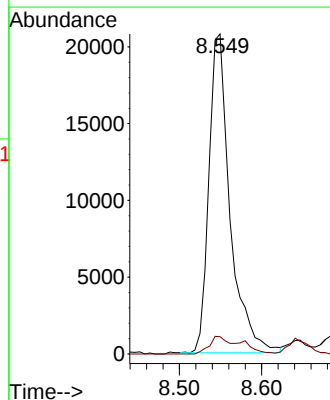
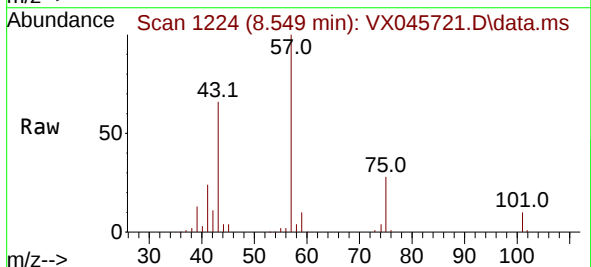
Instrument :
MSVOA_X
ClientSampleId :
TP-4

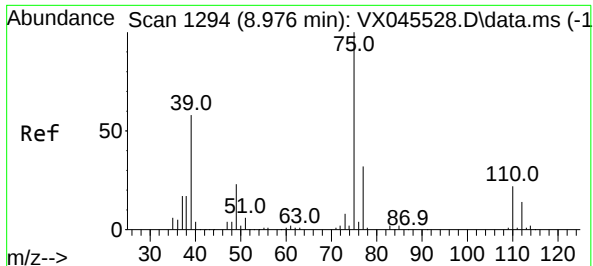
Tgt Ion: 98 Resp: 168032
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 23.710 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 43 Resp: 37075
Ion Ratio Lower Upper
43 100
58 5.5 28.5 42.7#





#53

t-1,3-Dichloropropene

Concen: 2.416 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX045721.D

Acq: 11 Apr 2025 07:05

Instrument :

MSVOA_X

ClientSampleId :

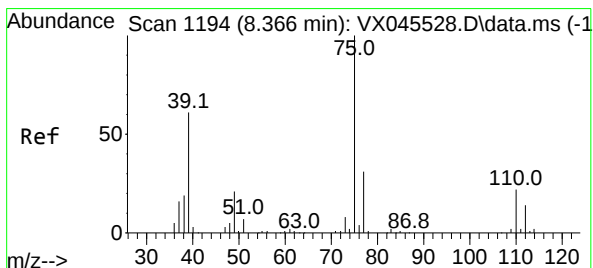
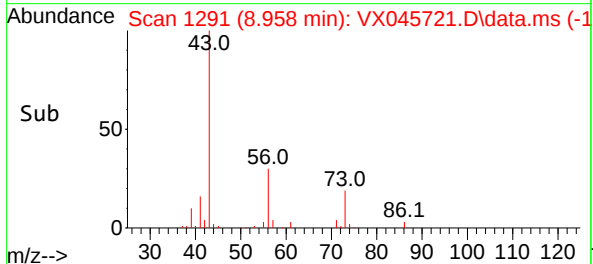
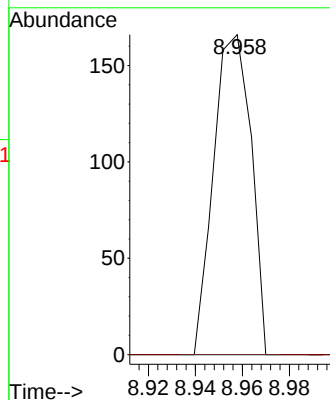
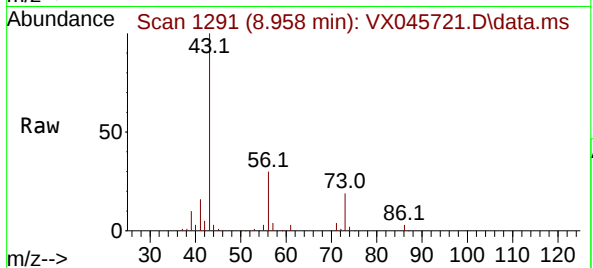
TP-4

Tgt Ion: 75 Resp: 184

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 10.641 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX045721.D

Acq: 11 Apr 2025 07:05

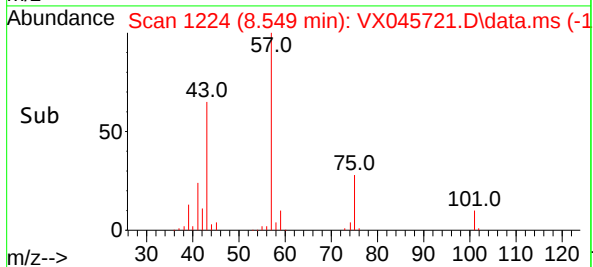
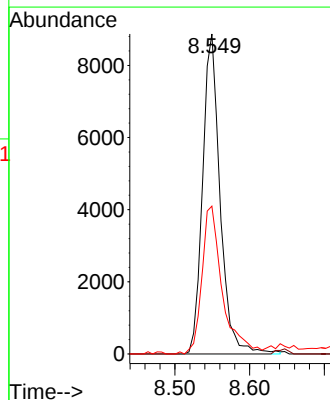
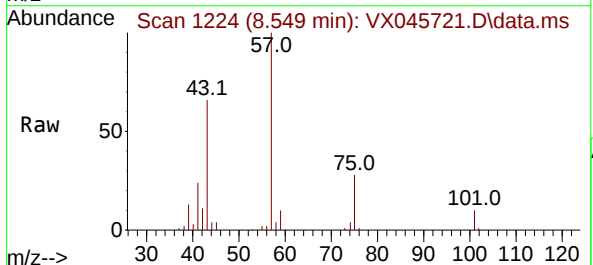
Tgt Ion: 75 Resp: 14426

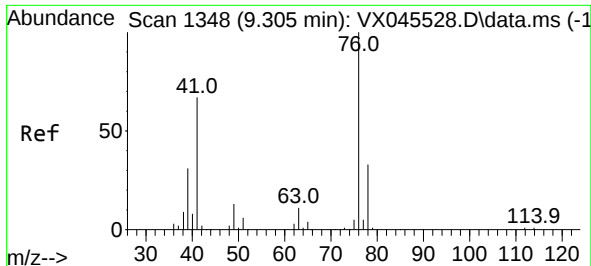
Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#

39 45.6 48.4 72.6#

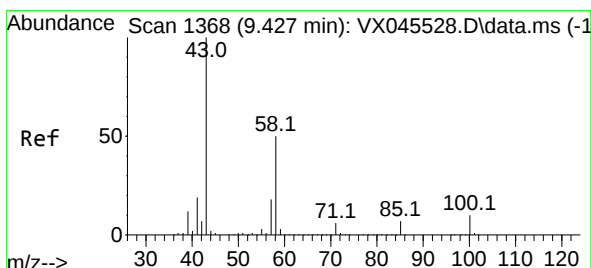
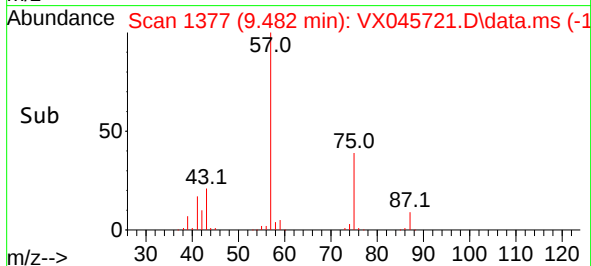
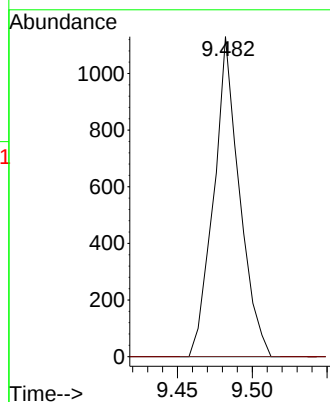
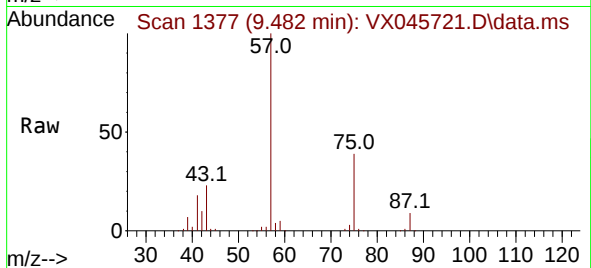




#57
1,3-Dichloropropane
Concen: 0.854 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

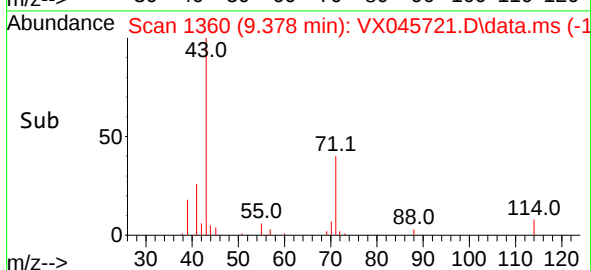
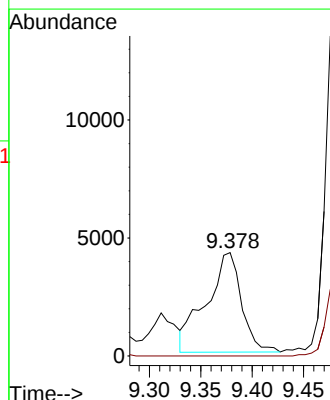
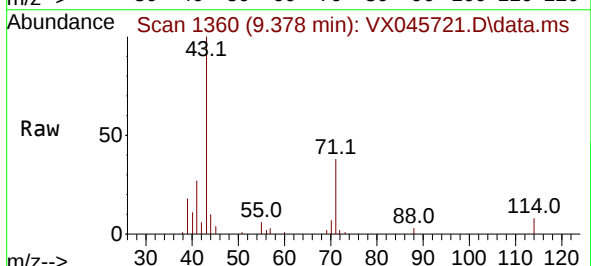
Instrument :
MSVOA_X
ClientSampleId :
TP-4

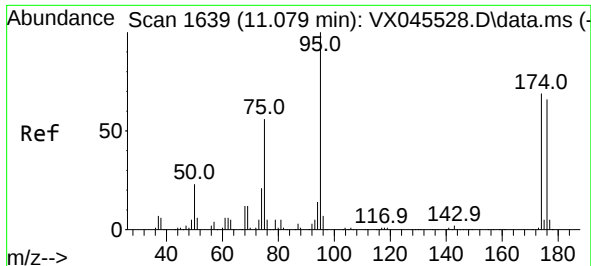
Tgt Ion: 76 Resp: 1353
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 8.654 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 43 Resp: 10021
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

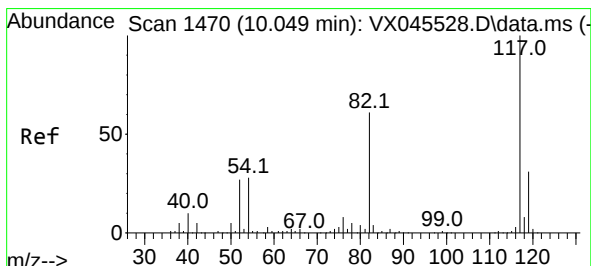
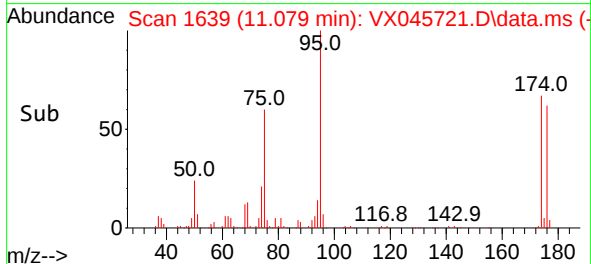
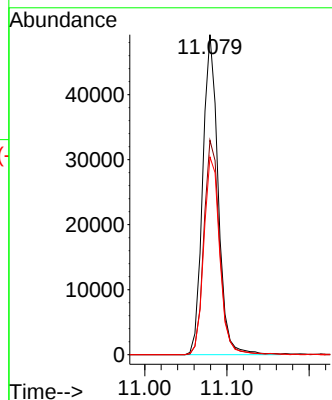
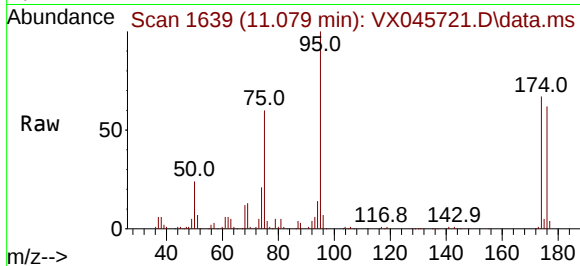




#62
4-Bromofluorobenzene
Concen: 55.061 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

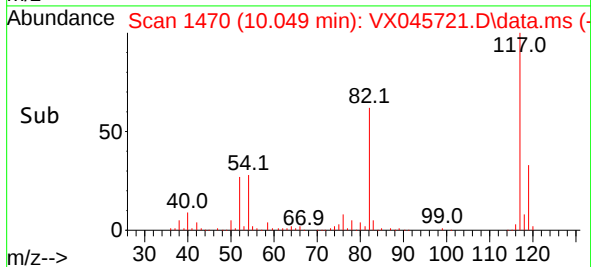
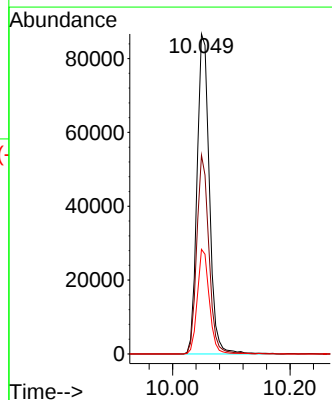
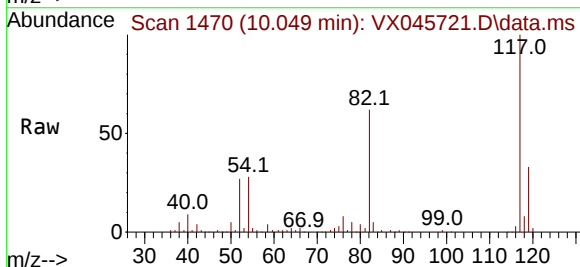
Instrument :
MSVOA_X
ClientSampleId :
TP-4

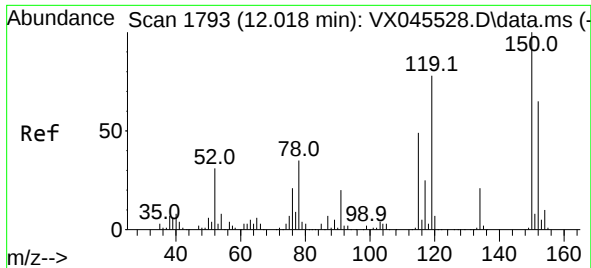
Tgt Ion: 95 Resp: 64029
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045721.D
Acq: 11 Apr 2025 07:05

Tgt Ion: 117 Resp: 125958
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 32.7 25.1 37.7

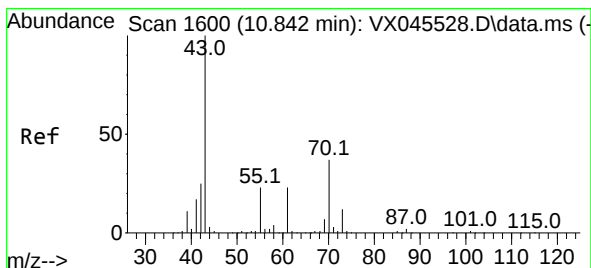
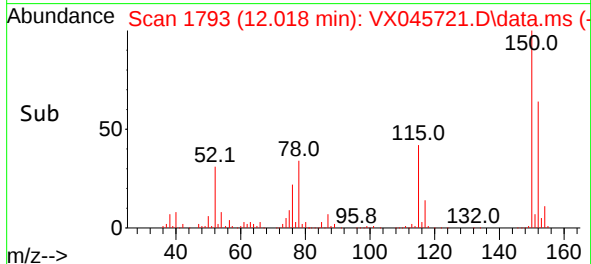
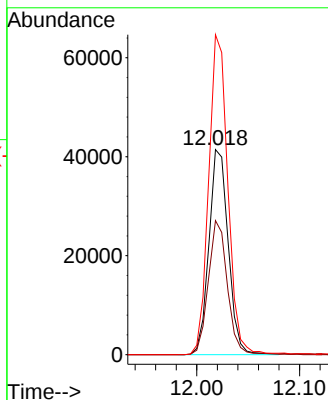
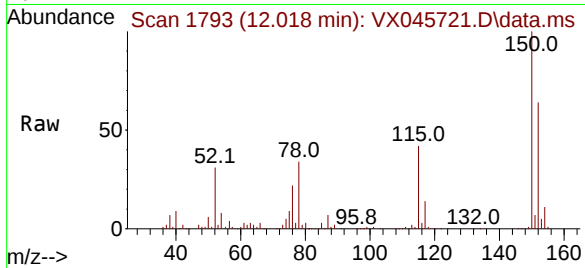




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045721.D
 Acq: 11 Apr 2025 07:05

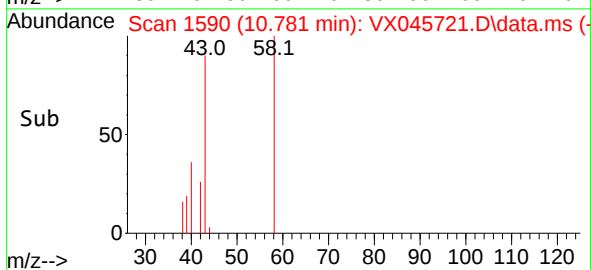
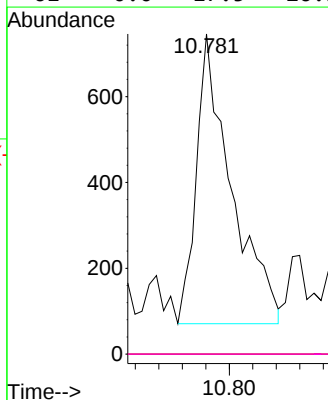
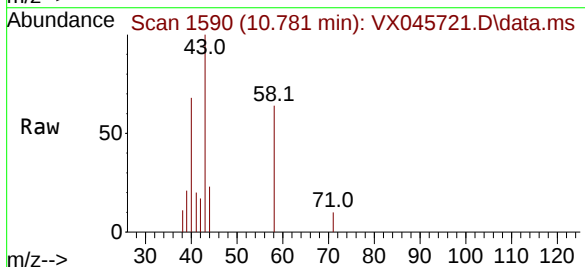
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

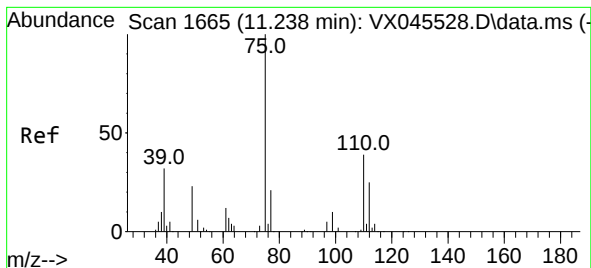
Tgt Ion:152 Resp: 54111
 Ion Ratio Lower Upper
 152 100
 115 64.5 46.9 140.7
 150 155.1 0.0 349.4



#74
 N-ethyl acetate
 Concen: 0.669 ug/l
 RT: 10.781 min Scan# 1590
 Delta R.T. -0.061 min
 Lab File: VX045721.D
 Acq: 11 Apr 2025 07:05

Tgt Ion: 43 Resp: 1388
 Ion Ratio Lower Upper
 43 100
 70 0.0 30.1 45.1#
 55 0.0 18.3 27.5#
 61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 28.566 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX045721.D

Acq: 11 Apr 2025 07:05

Instrument :

MSVOA_X

ClientSampleId :

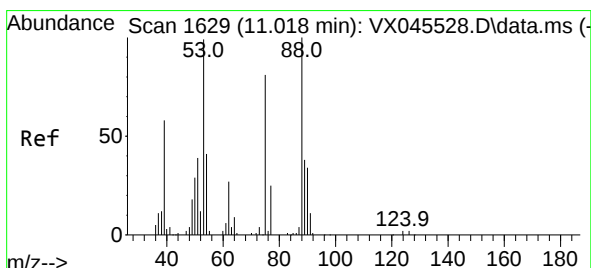
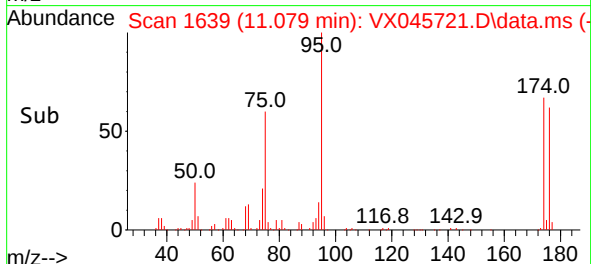
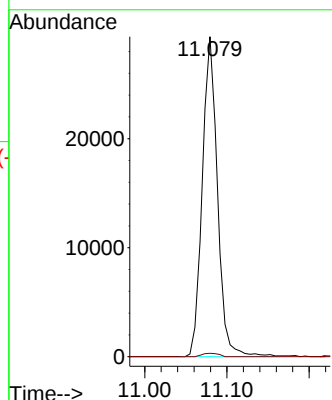
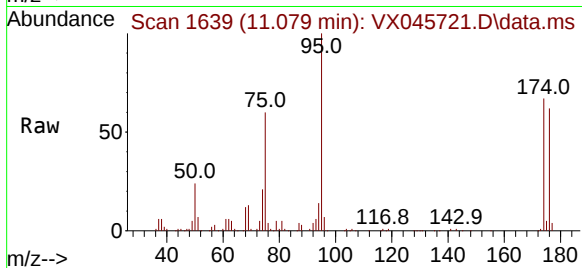
TP-4

Tgt Ion: 75 Resp: 37704

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.949 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045721.D

Acq: 11 Apr 2025 07:05

Tgt Ion: 75 Resp: 37704

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

