

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044724.D
 Acq On : 27 Jan 2025 15:18
 Operator : JC/MD
 Sample : PB166212ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:13:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

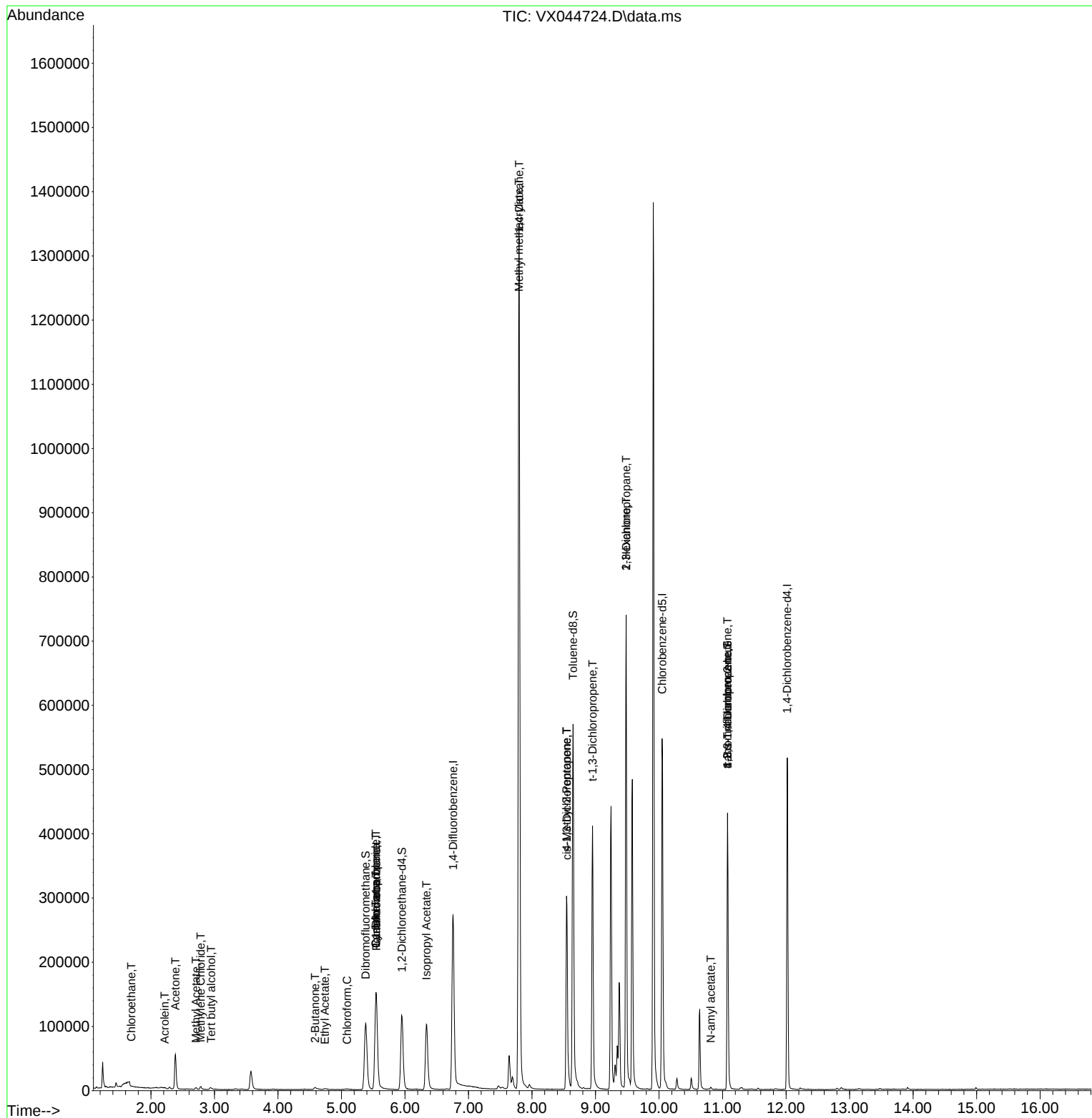
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	149280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	249832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107748	47.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	5.379	113	94468	50.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	8.646	98	355410	54.367	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.740%
62) 4-Bromofluorobenzene	11.079	95	123453	50.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.320%
Target Compounds						
					Qvalue	
6) Chloroethane	1.690	64	386	0.981	ug/l #	41
11) Tert butyl alcohol	2.946	59	1657	3.299	ug/l #	85
13) Acrolein	2.215	56	412	1.743	ug/l #	80
16) Acetone	2.385	43	60152	67.474	ug/l	92
18) Methyl Acetate	2.708	43	3370	1.225	ug/l	99
20) Methylene Chloride	2.782	84	2168	1.044	ug/l	95
25) 2-Butanone	4.586	43	7167	5.407	ug/l	98
30) Chloroform	5.086	83	1492	0.421	ug/l #	69
31) Cyclohexane	5.543	56	3618	1.275	ug/l #	10
36) 1,1-Dichloropropene	5.543	75	12722	4.875	ug/l #	49
37) Ethyl Acetate	4.739	43	3819	1.374	ug/l #	88
38) Carbon Tetrachloride	5.543	117	15181	5.171	ug/l #	16
43) Isopropyl Acetate	6.336	43	152587	29.844	ug/l	99
48) Methyl methacrylate	7.793	41	114039	48.052	ug/l #	42
49) 1,4-Dioxane	7.799	88	191	3.857	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	114849	40.648	ug/l #	50
53) t-1,3-Dichloropropene	8.951	75	879	0.268	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	55789	15.670	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	6873	2.015	ug/l #	42
59) 2-Hexanone	9.482	43	89103	42.865	ug/l #	50
74) N-amyl acetate	10.817	43	1814	0.424	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	60809	23.555	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	60809	53.867	ug/l #	12

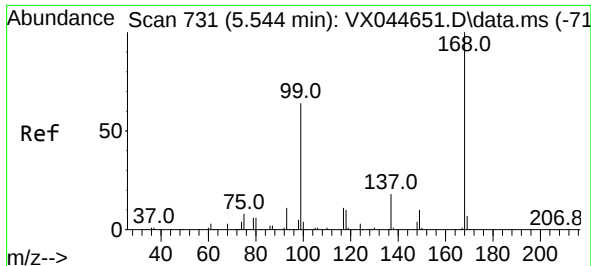
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
Data File : VX044724.D
Acq On : 27 Jan 2025 15:18
Operator : JC/MD
Sample : PB166212ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

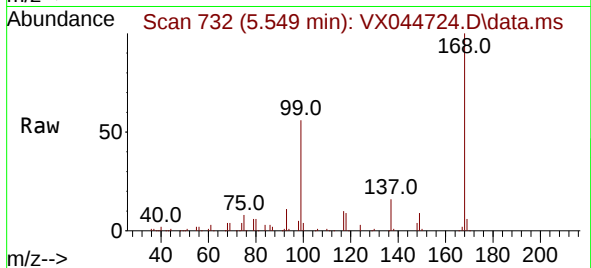
Quant Time: Jan 28 04:13:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



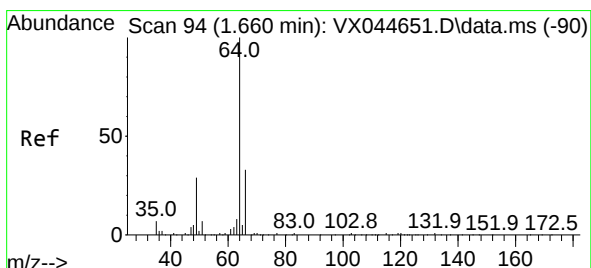
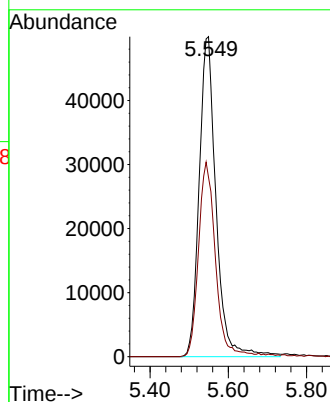
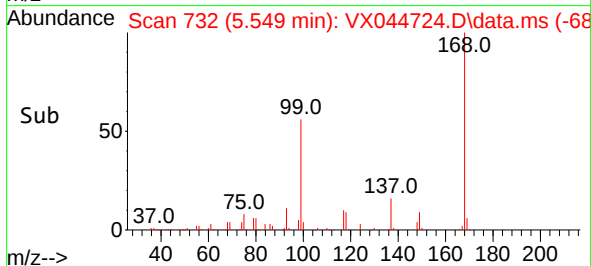


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :

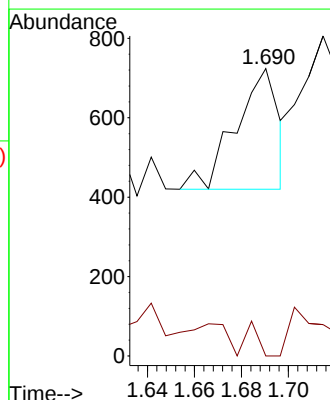
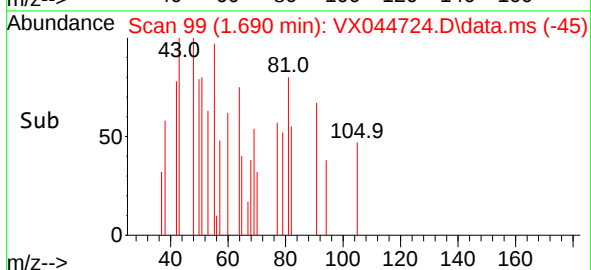
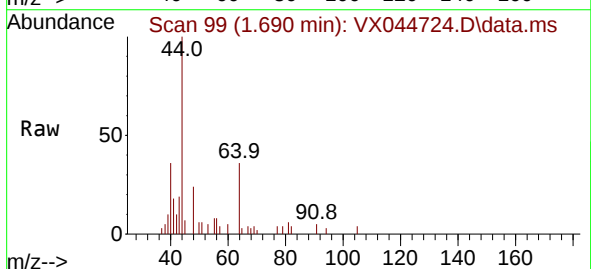


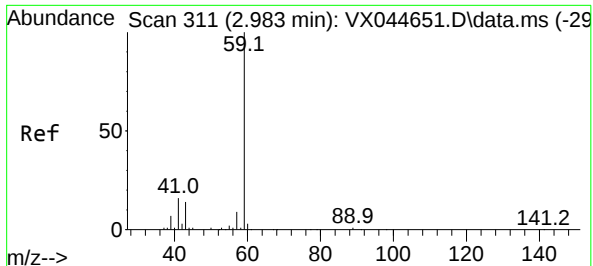
Tgt Ion:168 Resp: 149280
Ion Ratio Lower Upper
168 100
99 56.0 51.1 76.7



#6
Chloroethane
Concen: 0.981 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.030 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 64 Resp: 386
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 3.299 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

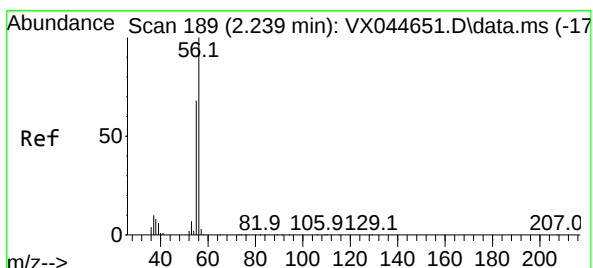
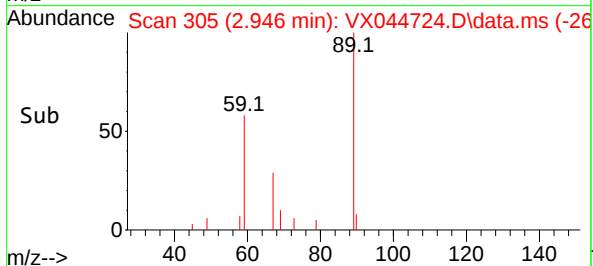
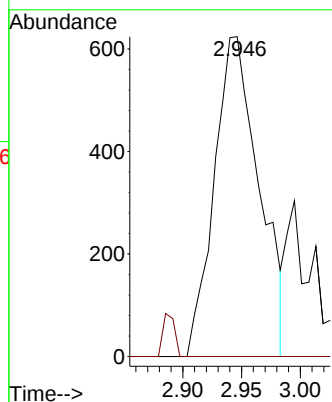
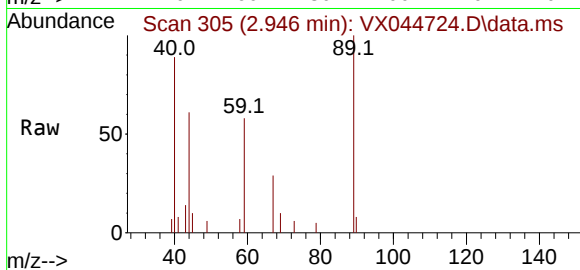
ClientSampleId :

Tgt Ion: 59 Resp: 1657

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



#13

Acrolein

Concen: 1.743 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.025 min

Lab File: VX044724.D

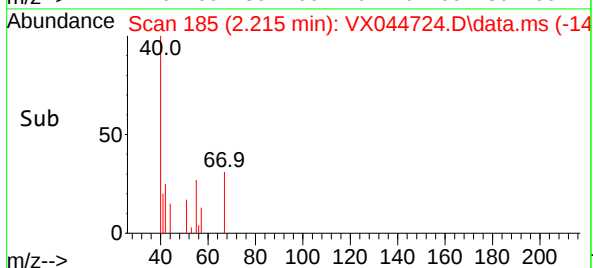
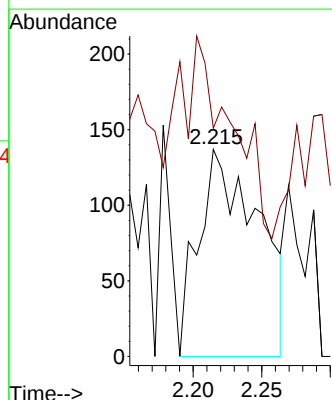
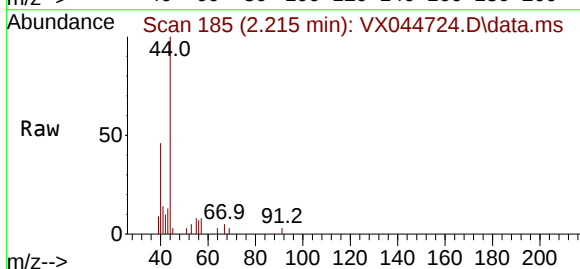
Acq: 27 Jan 2025 15:18

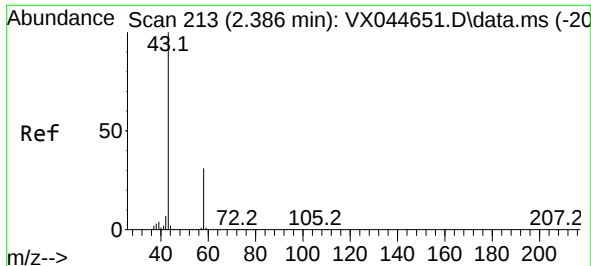
Tgt Ion: 56 Resp: 412

Ion Ratio Lower Upper

56 100

55 85.4 55.1 82.7#

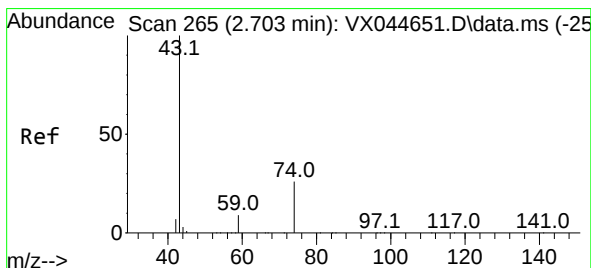
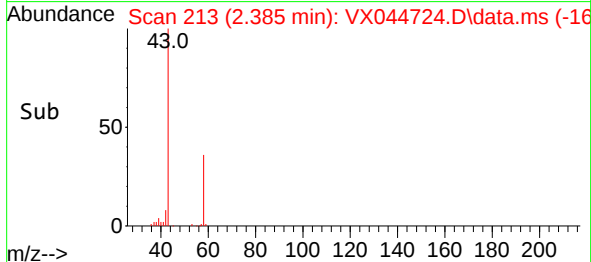
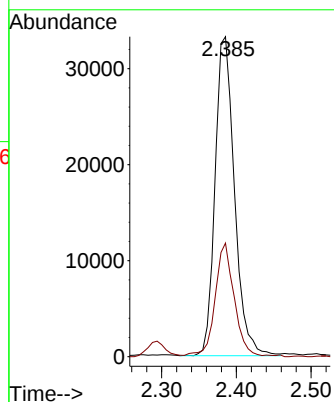
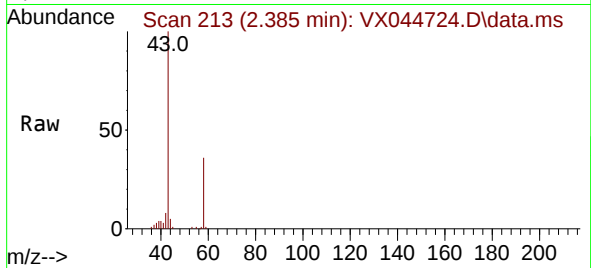




#16
Acetone
Concen: 67.474 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

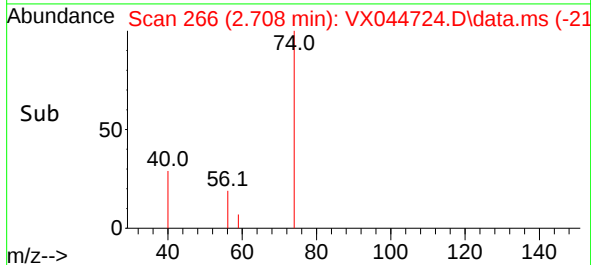
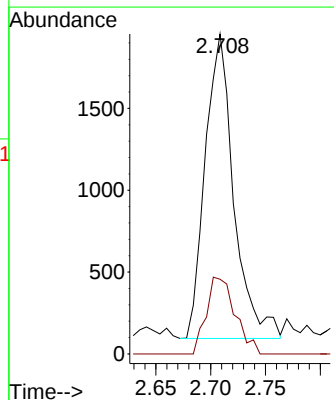
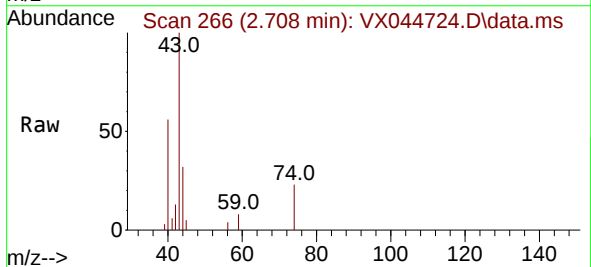
Instrument :
MSVOA_X
ClientSampleId :

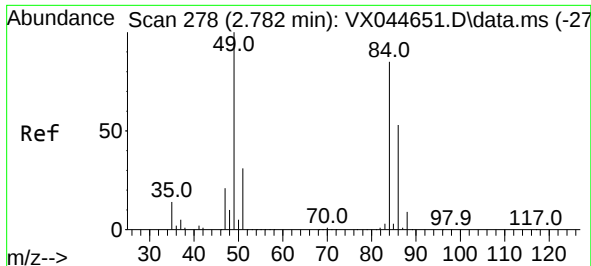
Tgt Ion: 43 Resp: 60152
Ion Ratio Lower Upper
43 100
58 35.2 24.6 37.0



#18
Methyl Acetate
Concen: 1.225 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 43 Resp: 3370
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.8





#20

Methylene Chloride

Concen: 1.044 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

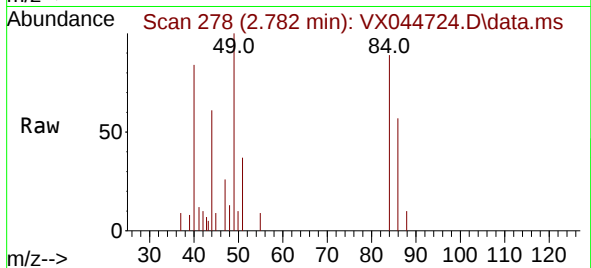
Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2168

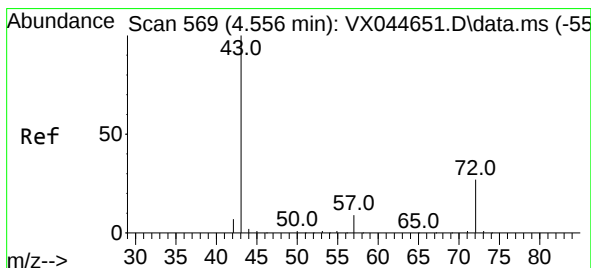
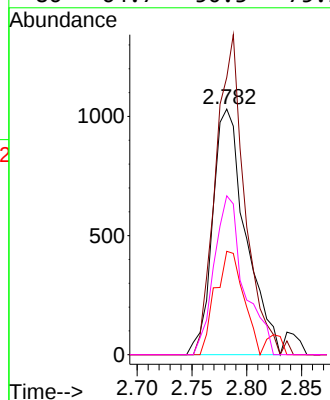
Ion Ratio Lower Upper

84 100

49 112.9 94.2 141.4

51 42.1 28.8 43.2

86 64.7 50.3 75.5



#25

2-Butanone

Concen: 5.407 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.030 min

Lab File: VX044724.D

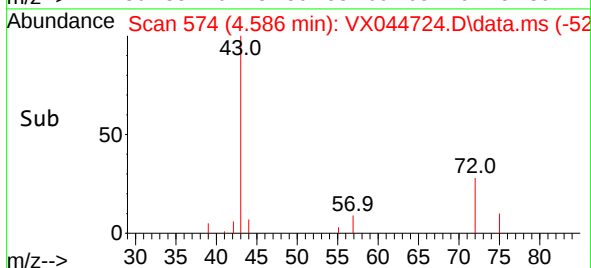
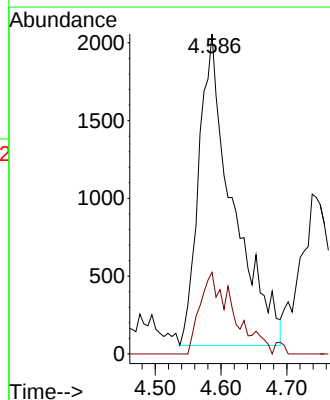
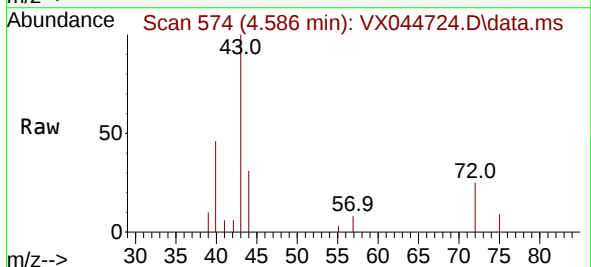
Acq: 27 Jan 2025 15:18

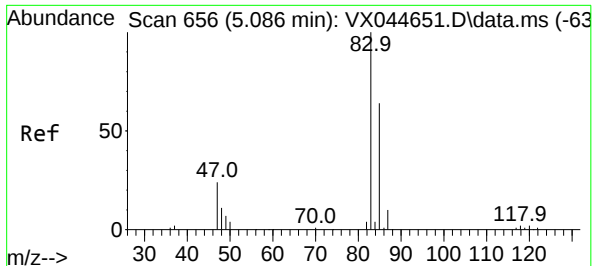
Tgt Ion: 43 Resp: 7167

Ion Ratio Lower Upper

43 100

72 26.2 21.7 32.5





#30

Chloroform

Concen: 0.421 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

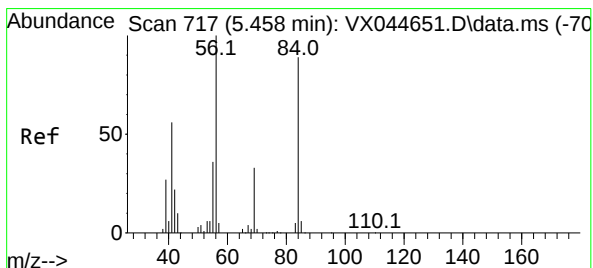
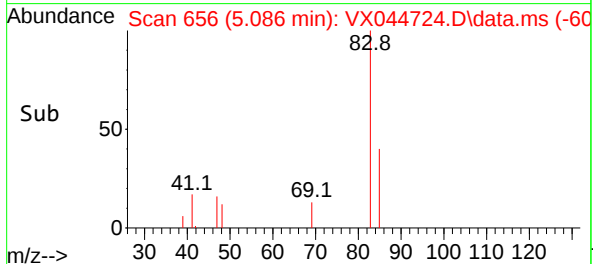
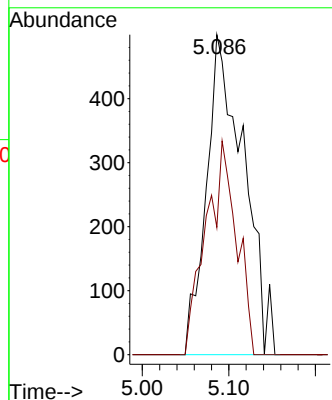
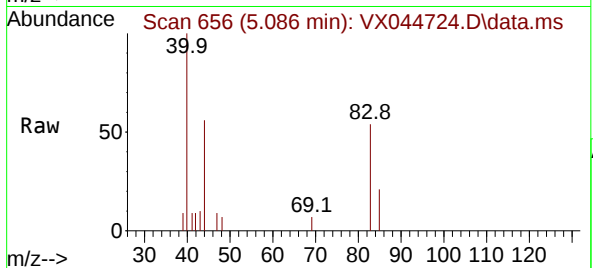
ClientSampleId :

Tgt Ion: 83 Resp: 1492

Ion Ratio Lower Upper

83 100

85 39.8 51.2 76.8#



#31

Cyclohexane

Concen: 1.275 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

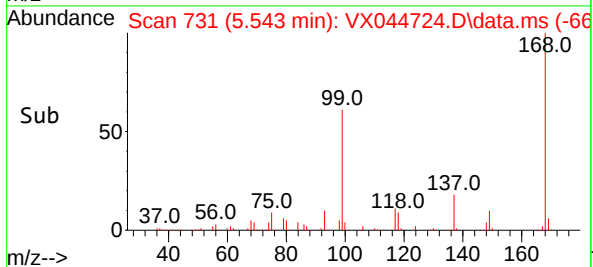
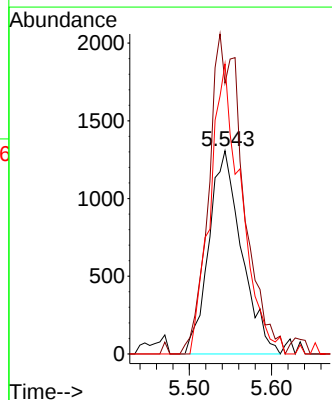
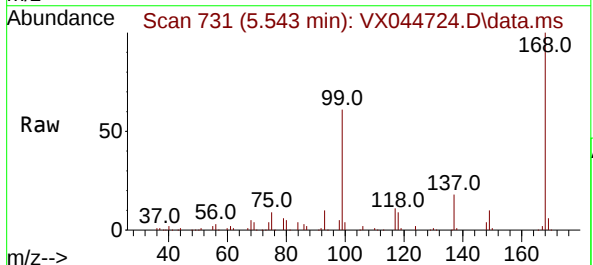
Tgt Ion: 56 Resp: 3618

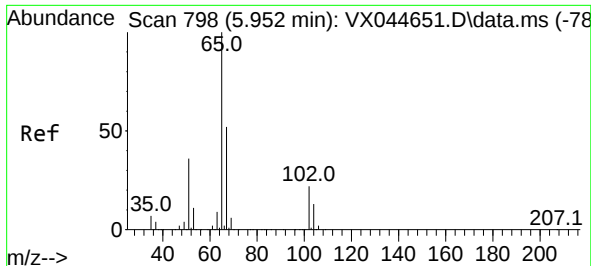
Ion Ratio Lower Upper

56 100

69 133.3 26.8 40.2#

84 142.8 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 47.819 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

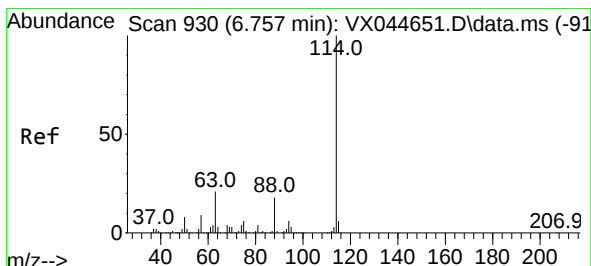
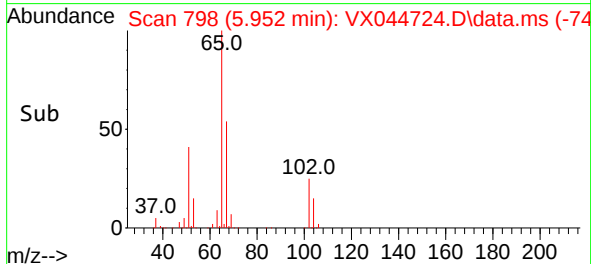
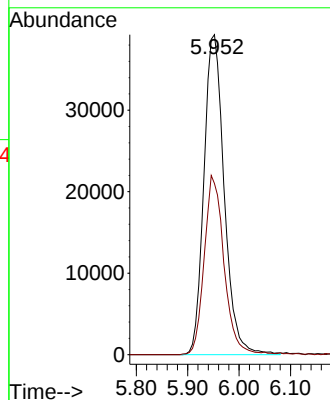
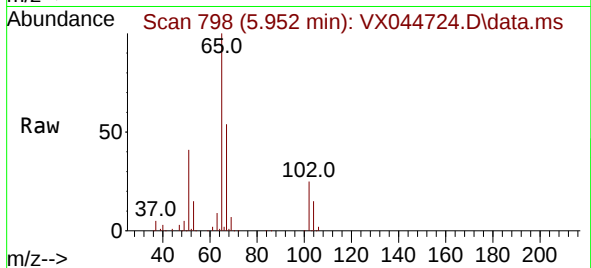
ClientSampleId :

Tgt Ion: 65 Resp: 107748

Ion Ratio Lower Upper

65 100

67 54.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

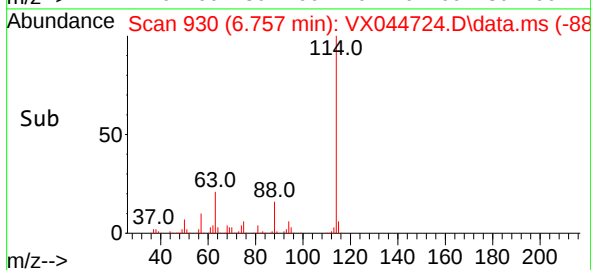
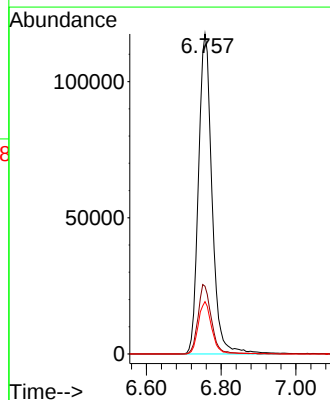
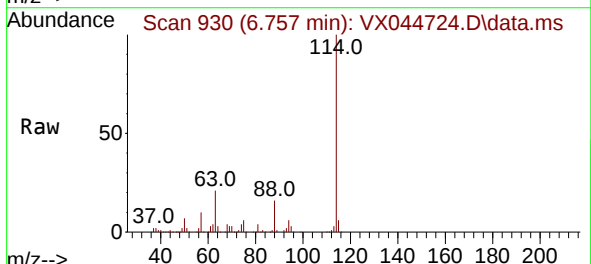
Tgt Ion: 114 Resp: 295118

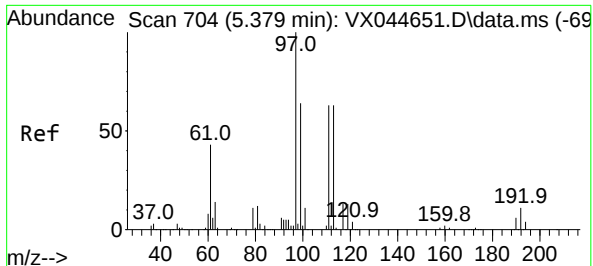
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

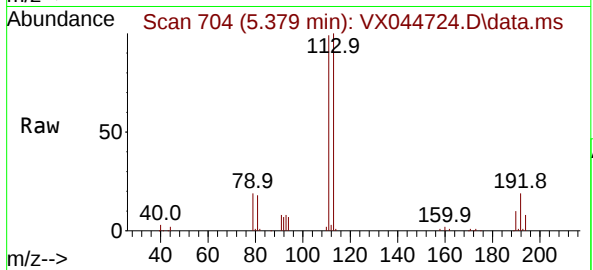
Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :



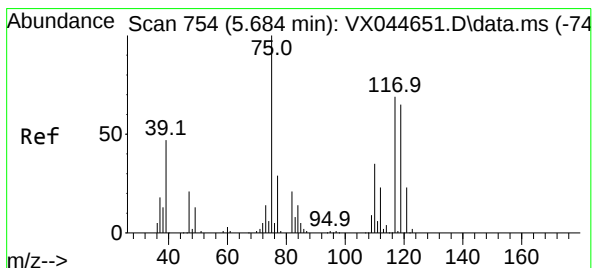
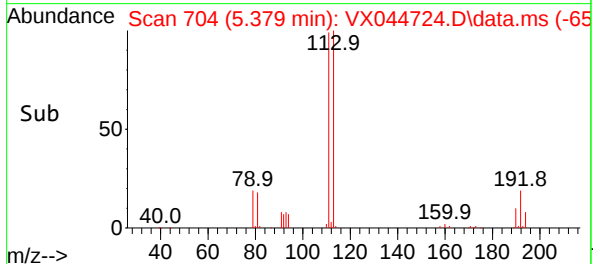
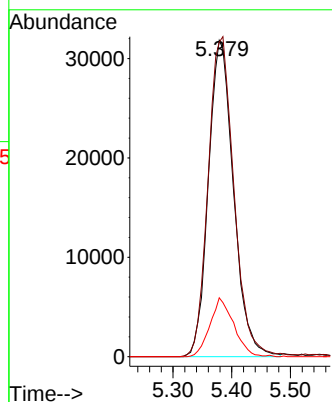
Tgt Ion:113 Resp: 94468

Ion Ratio Lower Upper

113 100

111 104.0 81.6 122.4

192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

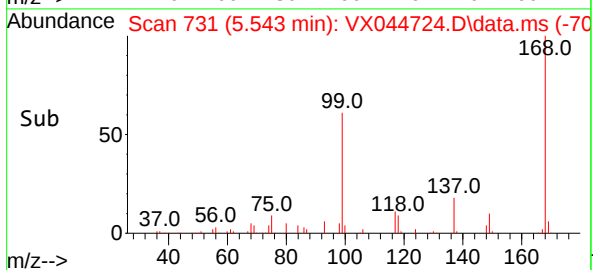
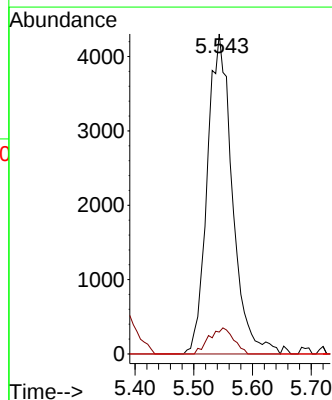
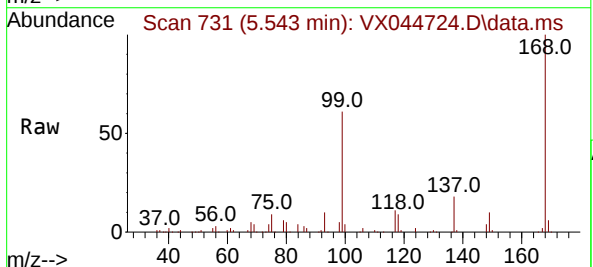
Tgt Ion: 75 Resp: 12722

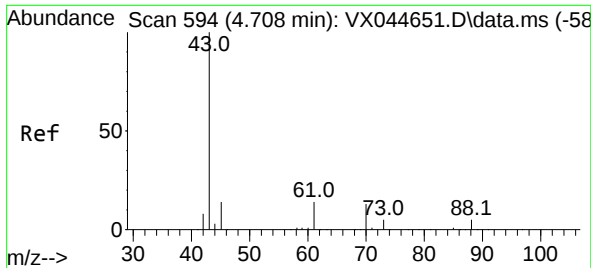
Ion Ratio Lower Upper

75 100

110 8.0 17.9 53.8#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 1.374 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.030 min

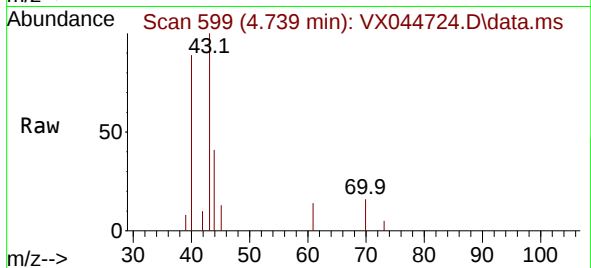
Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

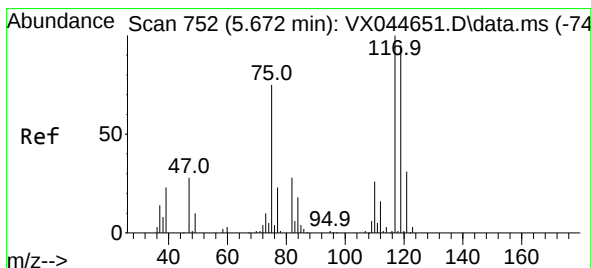
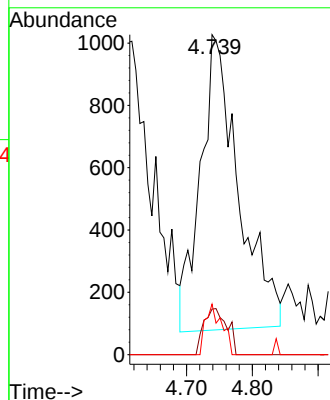
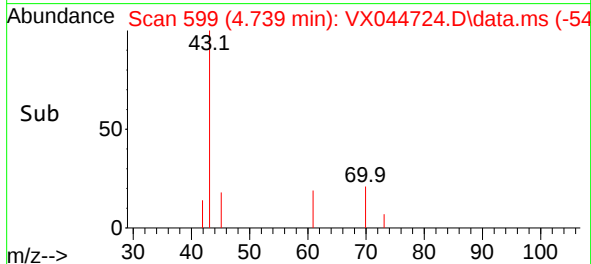
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	3819
Ion	Ratio	Lower	Upper
43	100		
61	9.6	10.9	16.3#
70	7.4	10.1	15.1#



#38

Carbon Tetrachloride

Concen: 5.171 ug/l

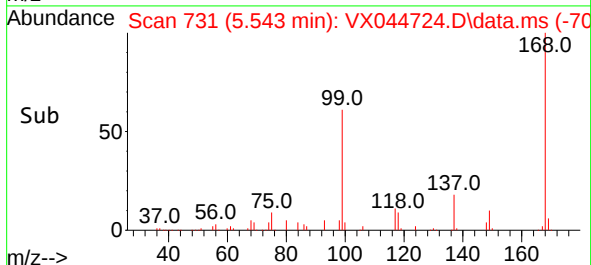
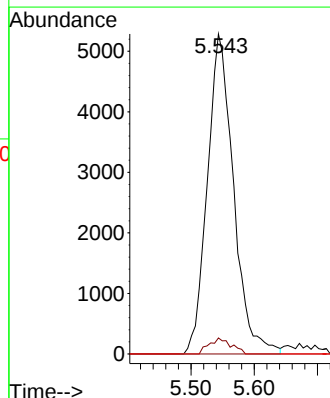
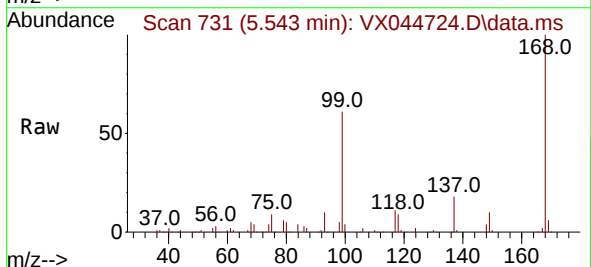
RT: 5.543 min Scan# 731

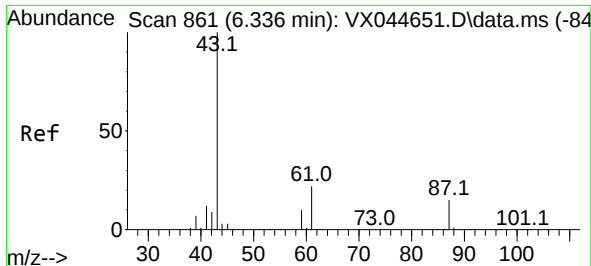
Delta R.T. -0.128 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Tgt Ion:	117	Resp:	15181
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.6	36.8#

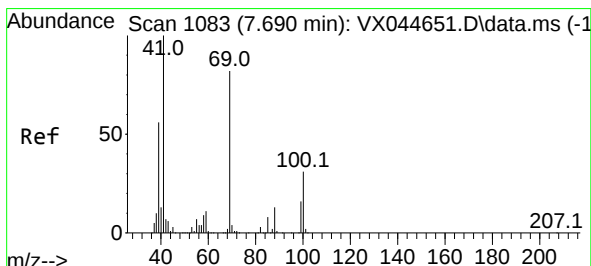
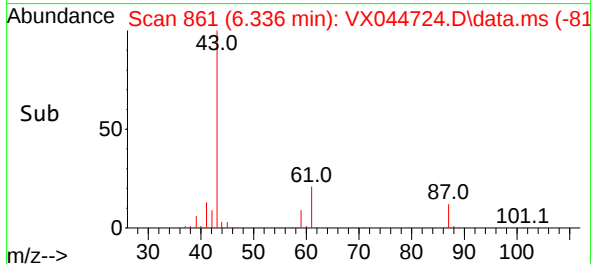
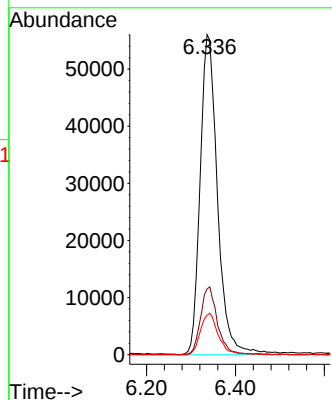
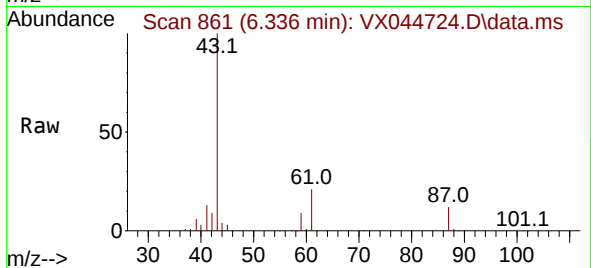




#43
Isopropyl Acetate
Concen: 29.844 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

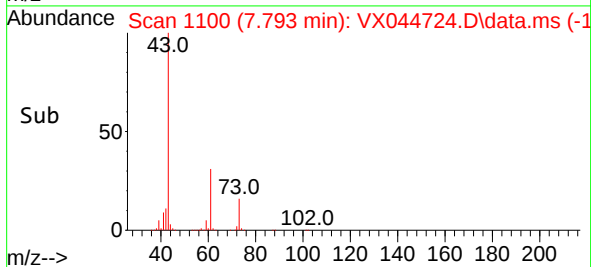
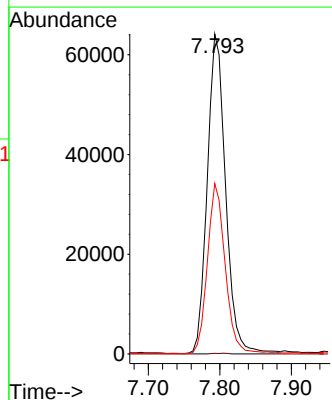
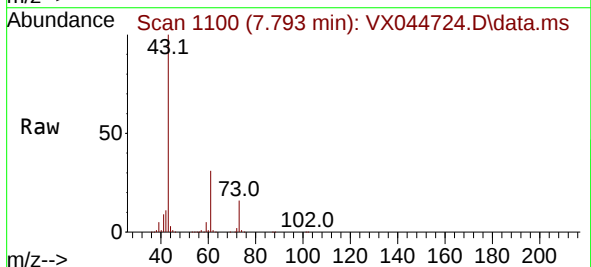
Instrument :
MSVOA_X
ClientSampleId :

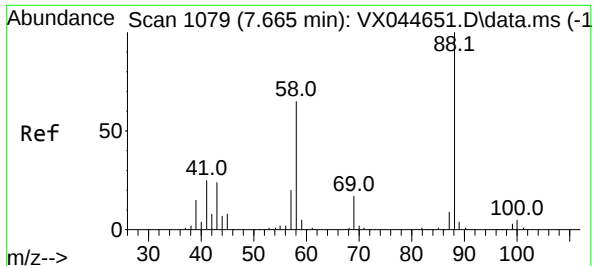
Tgt Ion: 43 Resp: 152587
Ion Ratio Lower Upper
43 100
61 20.4 16.6 24.8
87 13.2 11.0 16.6



#48
Methyl methacrylate
Concen: 48.052 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 41 Resp: 114039
Ion Ratio Lower Upper
41 100
69 0.2 66.8 100.2#
39 52.3 47.4 71.0





#49

1,4-Dioxane

Concen: 3.857 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

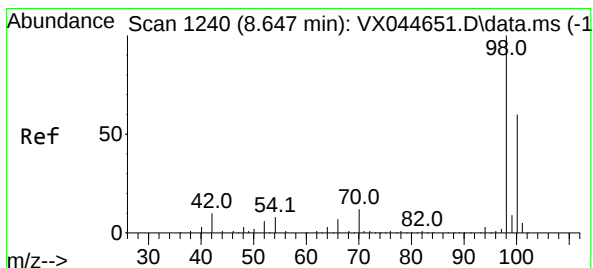
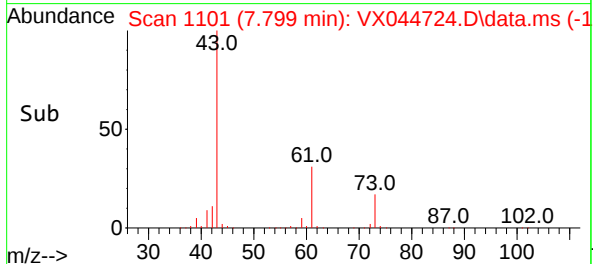
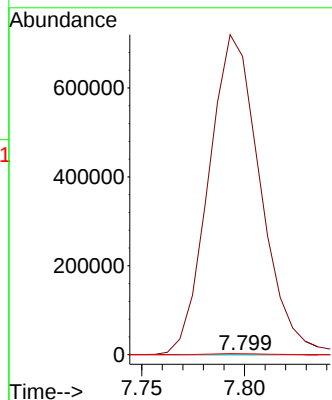
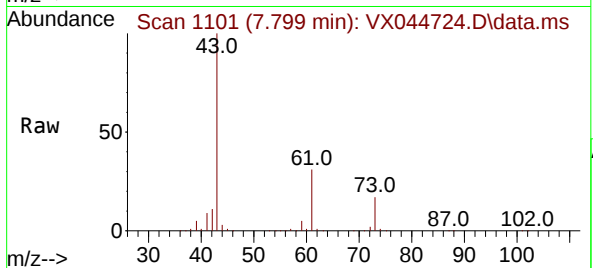
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88 Resp: 191

Ion	Ratio	Lower	Upper
88	100		
43	671486.4	27.0	40.4#
58	2514.1	55.8	83.8#



#50

Toluene-d8

Concen: 54.367 ug/l

RT: 8.646 min Scan# 1240

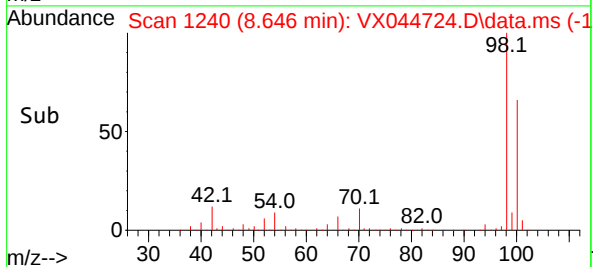
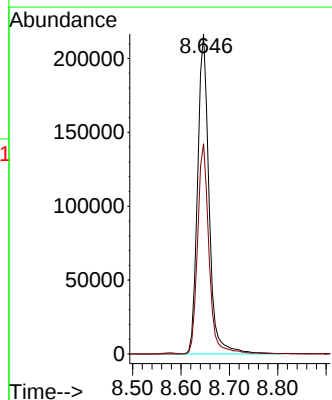
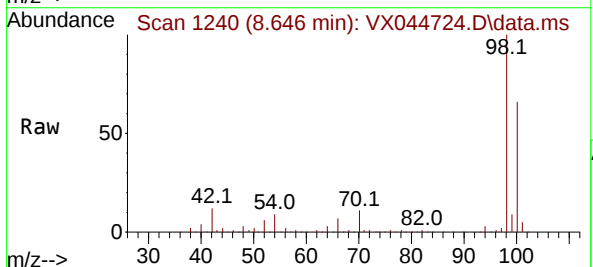
Delta R.T. -0.000 min

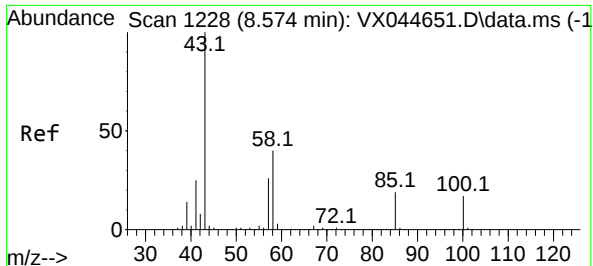
Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Tgt Ion: 98 Resp: 355410

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.2	79.8

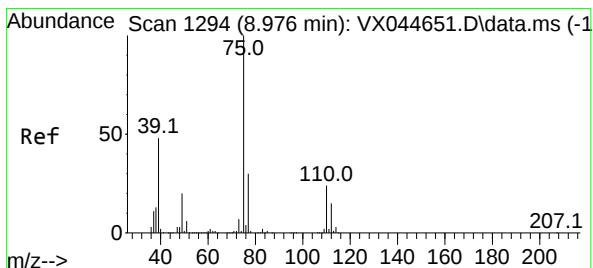
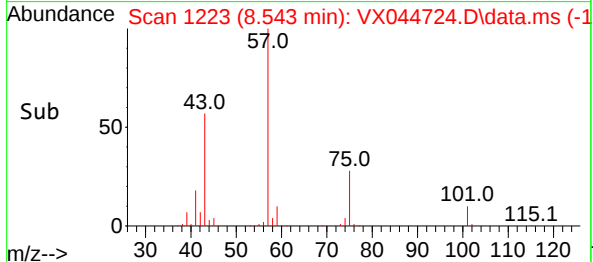
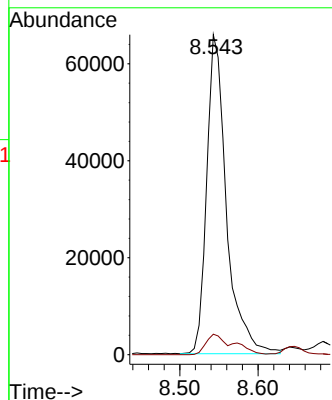
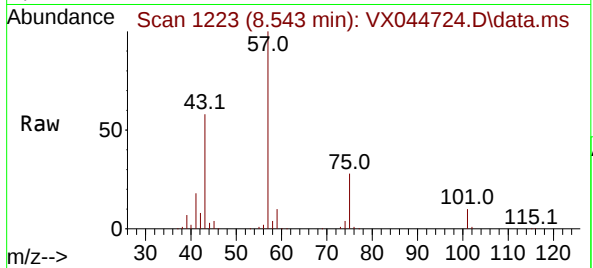




#51
4-Methyl-2-Pentanone
Concen: 40.648 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

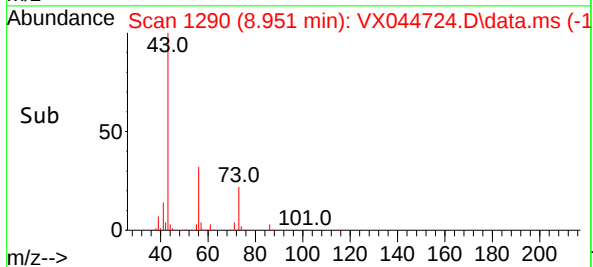
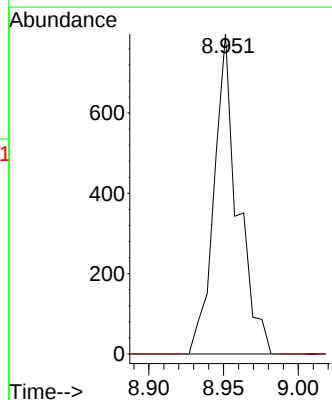
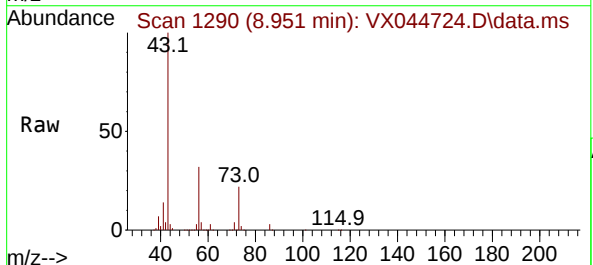
Instrument :
MSVOA_X
ClientSampleId :

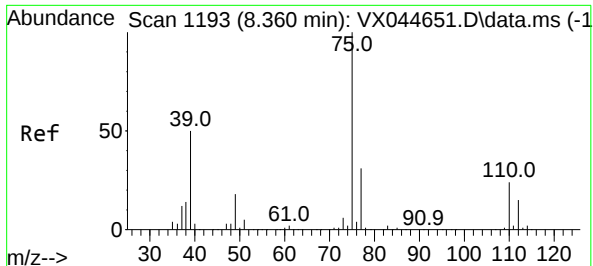
Tgt Ion: 43 Resp: 114849
Ion Ratio Lower Upper
43 100
58 8.9 31.9 47.9#



#53
t-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

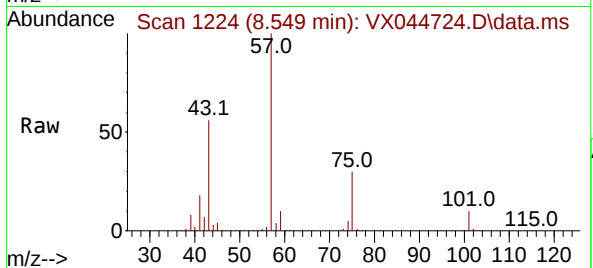
Tgt Ion: 75 Resp: 879
Ion Ratio Lower Upper
75 100
77 0.0 24.4 36.6#



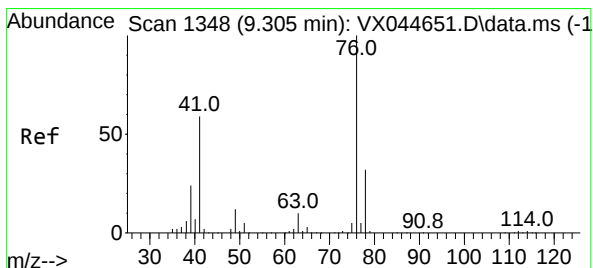
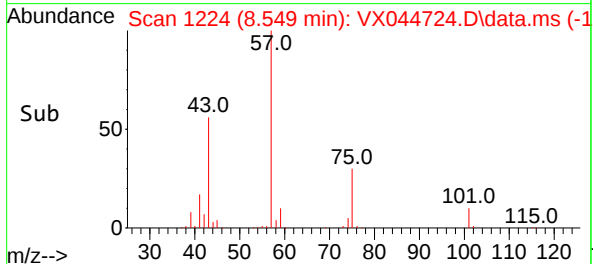
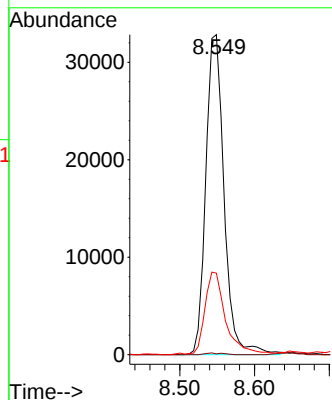


#54
 cis-1,3-Dichloropropene
 Concen: 15.670 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX044724.D
 Acq: 27 Jan 2025 15:18

Instrument :
 MSVOA_X
 ClientSampleId :

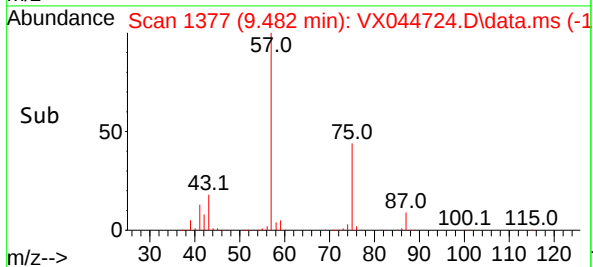
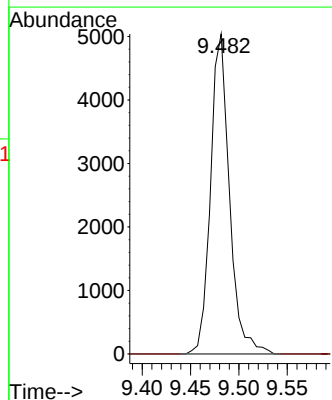
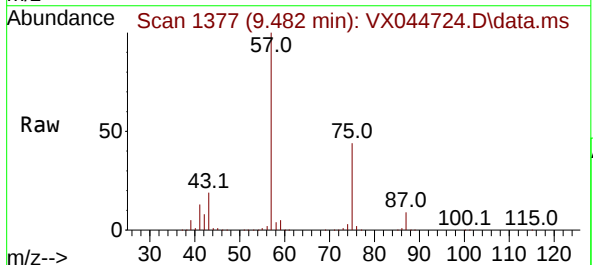


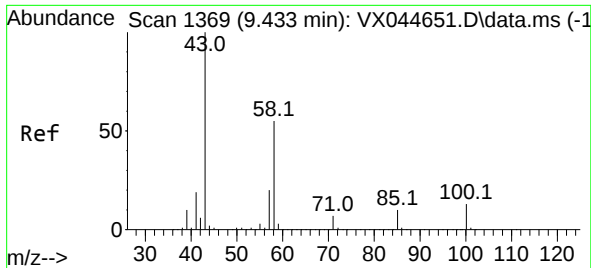
Tgt Ion: 75 Resp: 55789
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.1 37.7#
 39 25.0 40.3 60.5#



#57
 1,3-Dichloropropane
 Concen: 2.015 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX044724.D
 Acq: 27 Jan 2025 15:18

Tgt Ion: 76 Resp: 6873
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

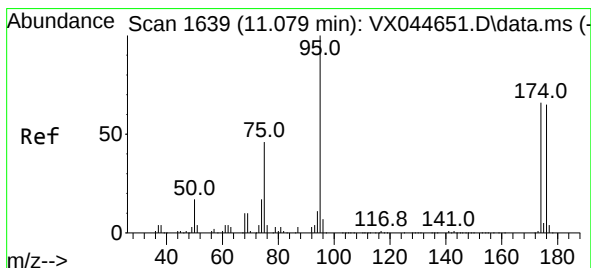
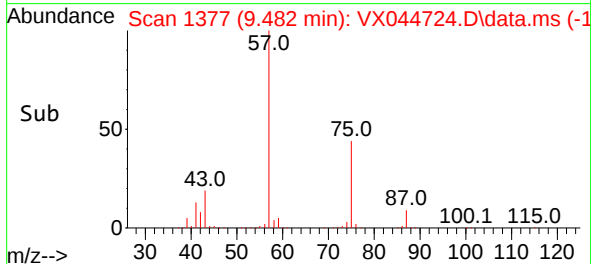
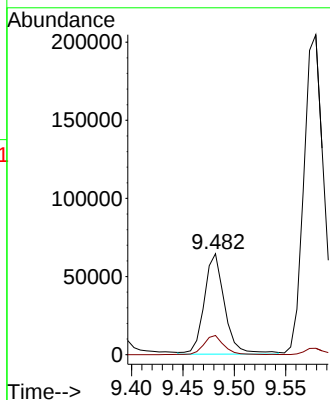
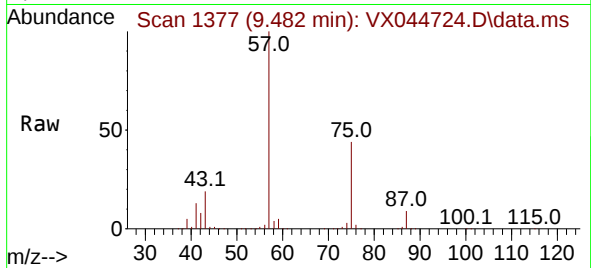




#59
2-Hexanone
Concen: 42.865 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

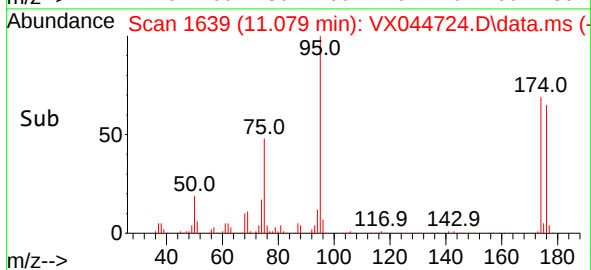
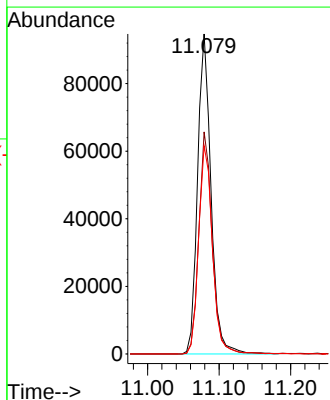
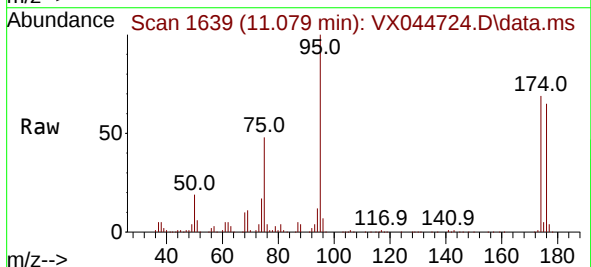
Instrument :
MSVOA_X
ClientSampleId :

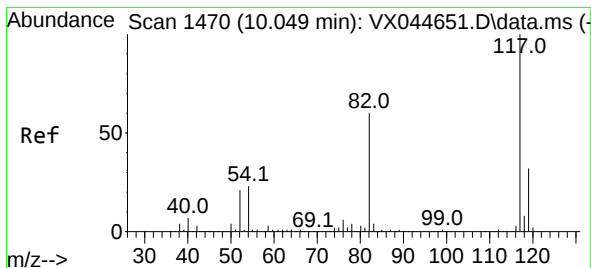
Tgt Ion: 43 Resp: 89103
Ion Ratio Lower Upper
43 100
58 19.3 27.8 83.3#



#62
4-Bromofluorobenzene
Concen: 50.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 95 Resp: 123453
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.0
176 67.1 0.0 129.4

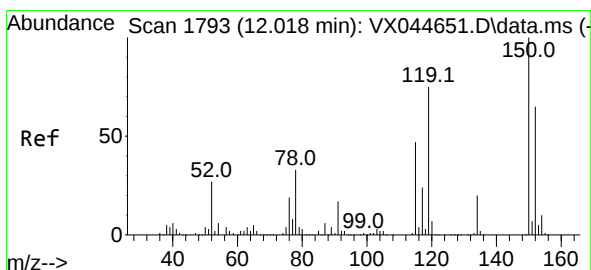
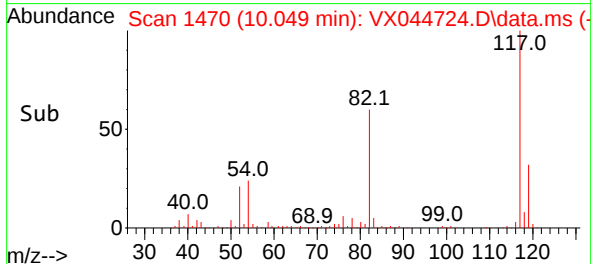
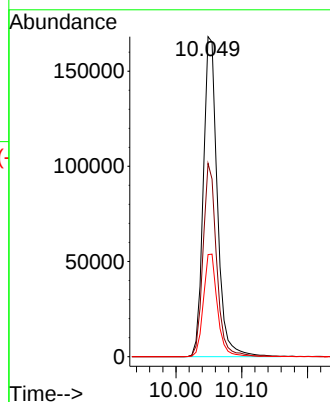
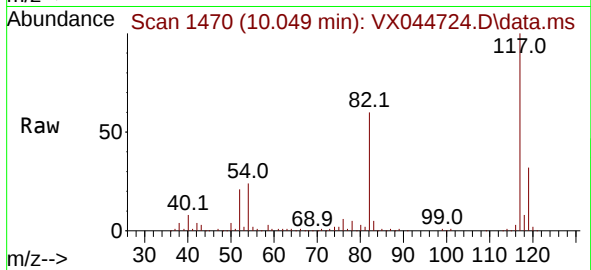




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

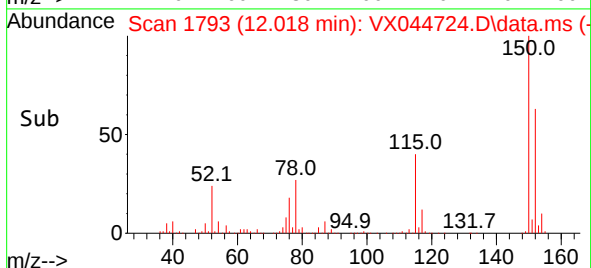
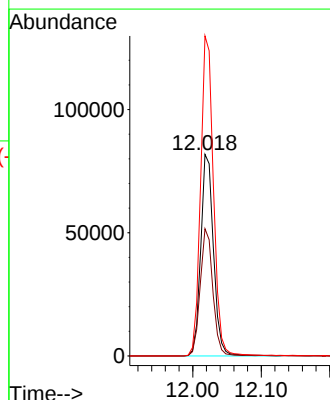
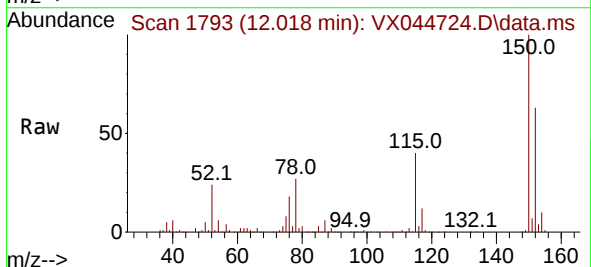
Instrument :
MSVOA_X
ClientSampleId :

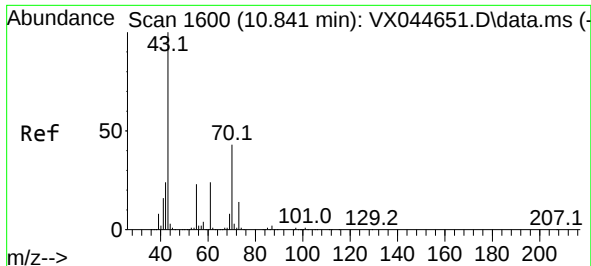
Tgt Ion:117 Resp: 249832
Ion Ratio Lower Upper
117 100
82 60.4 47.6 71.4
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

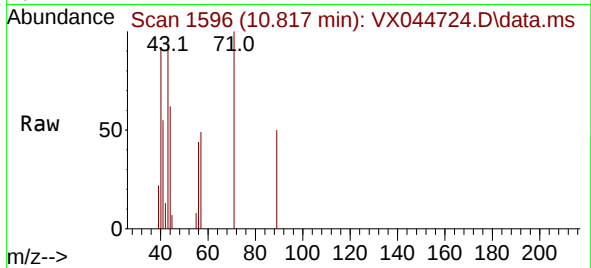
Tgt Ion:152 Resp: 106375
Ion Ratio Lower Upper
152 100
115 62.7 43.8 131.4
150 159.6 0.0 347.8



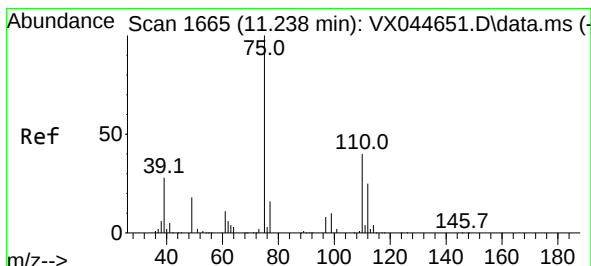
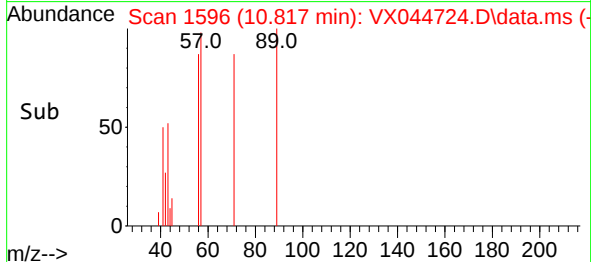
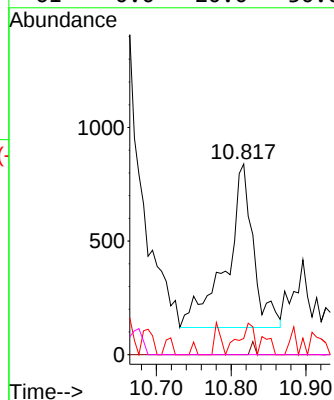


#74
N-amy1 acetate
Concen: 0.424 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.025 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :

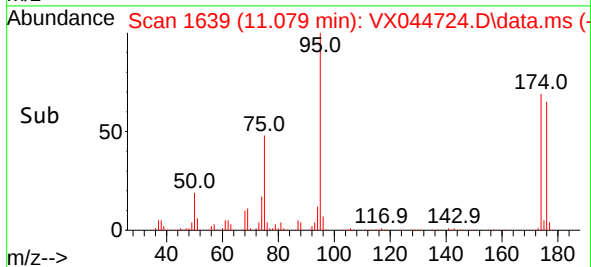
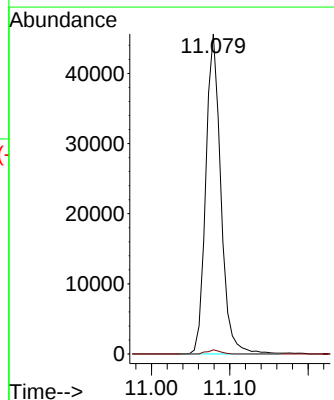
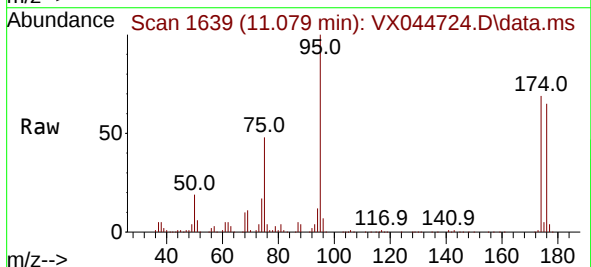


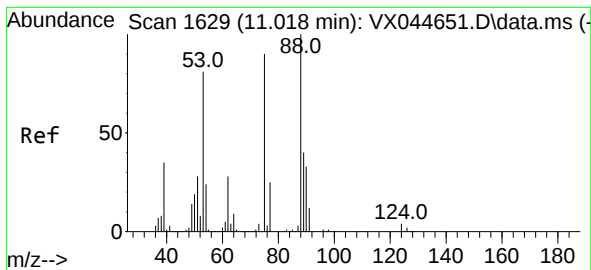
Tgt Ion: 43	Resp: 1814
Ion Ratio	Lower Upper
43	100
70	0.0 35.2 52.8#
55	10.4 19.0 28.4#
61	0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 23.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

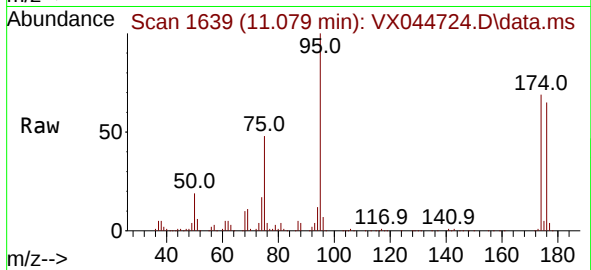
Tgt Ion: 75	Resp: 60809
Ion Ratio	Lower Upper
75	100
77	1.1 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.867 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 60809
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

