

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044729.D
 Acq On : 27 Jan 2025 17:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:15:55 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)

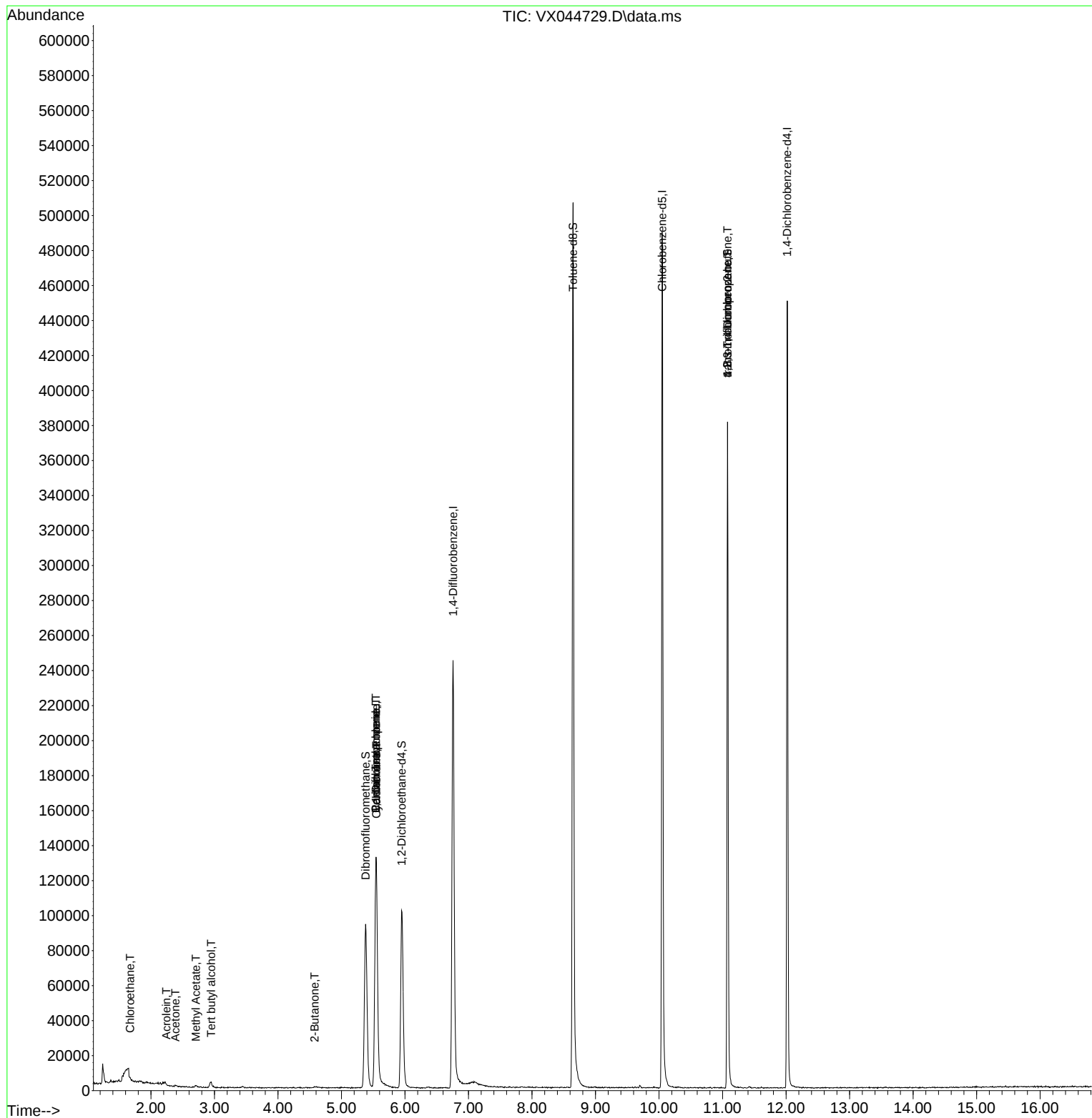
Internal Standards						
1) Pentafluorobenzene	5.544	168	131289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97095	48.996	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	5.379	113	84655	50.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	325334	55.768	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.540%
62) 4-Bromofluorobenzene	11.079	95	108637	49.954	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.900%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	312	0.901	ug/l #	80
11) Tert butyl alcohol	2.947	59	1717	3.886	ug/l #	93
13) Acrolein	2.239	56	202	0.972	ug/l #	1
16) Acetone	2.386	43	648	0.826	ug/l #	66
18) Methyl Acetate	2.709	43	1672	0.691	ug/l	94
25) 2-Butanone	4.574	43	388	0.333	ug/l #	48
31) Cyclohexane	5.550	56	3029	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11010	4.727	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13520	5.161	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	54381	24.582	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	54381	56.216	ug/l #	12

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

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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

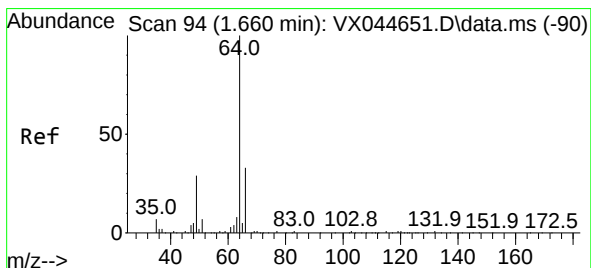
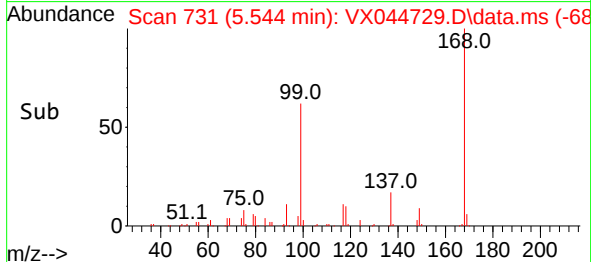
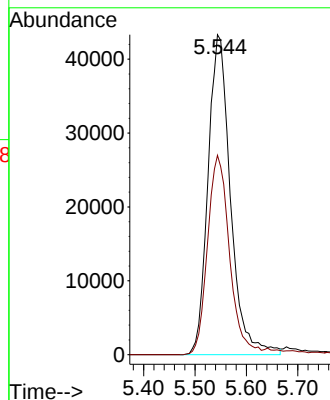
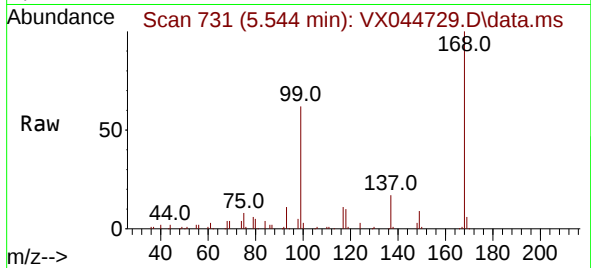




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

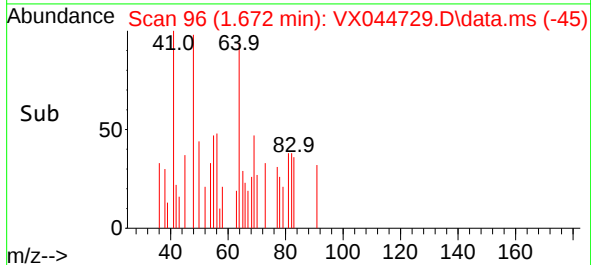
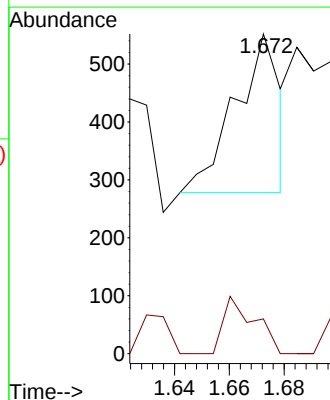
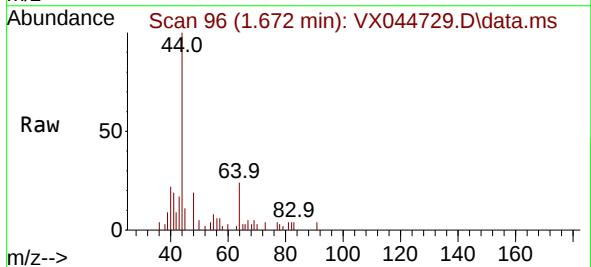
Instrument :
MSVOA_X
ClientSampleId :

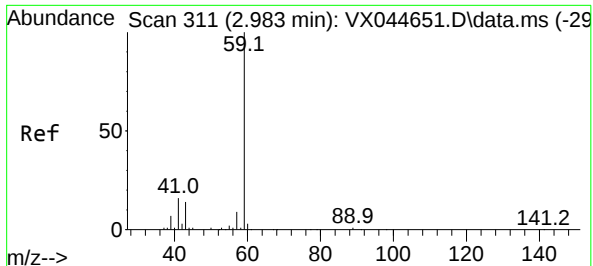
Tgt Ion:168 Resp: 131289
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#6
Chloroethane
Concen: 0.901 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 21.9 26.6 39.8#





#11

Tert butyl alcohol

Concen: 3.886 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

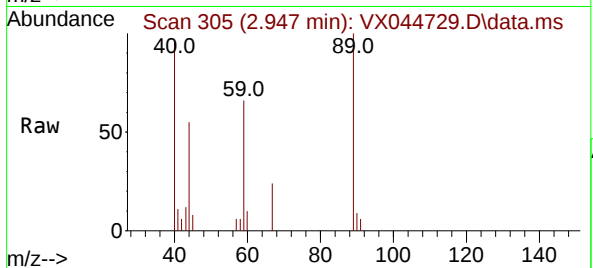
Lab File: VX044729.D

Acq: 27 Jan 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

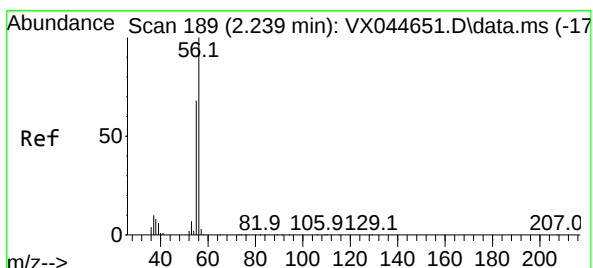
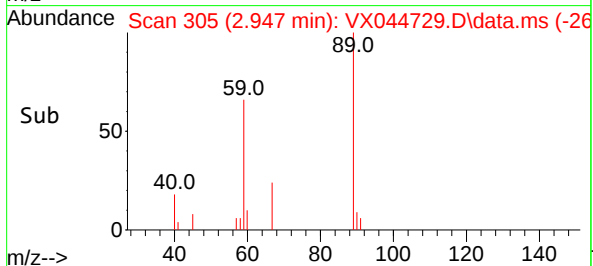
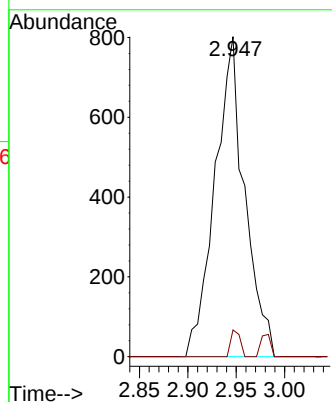


Tgt Ion: 59 Resp: 1717

Ion Ratio Lower Upper

59 100

57 2.6 3.9 5.9#



#13

Acrolein

Concen: 0.972 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX044729.D

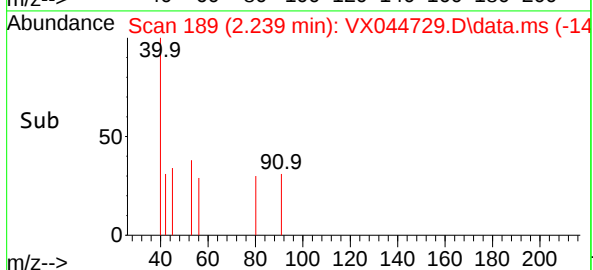
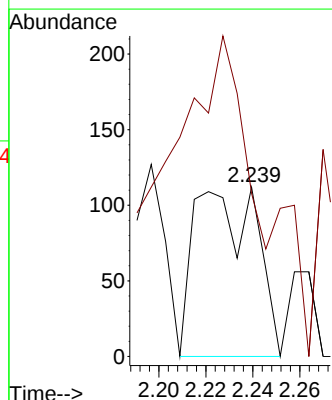
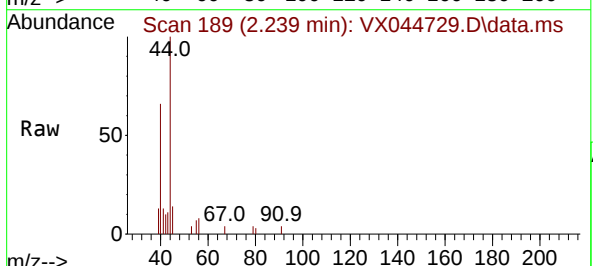
Acq: 27 Jan 2025 17:14

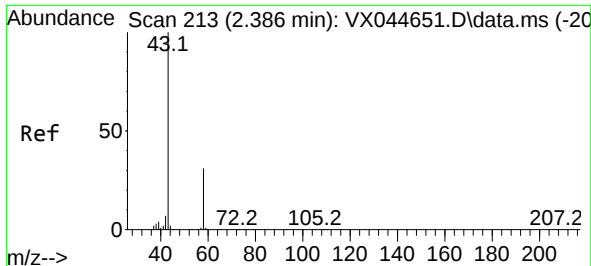
Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

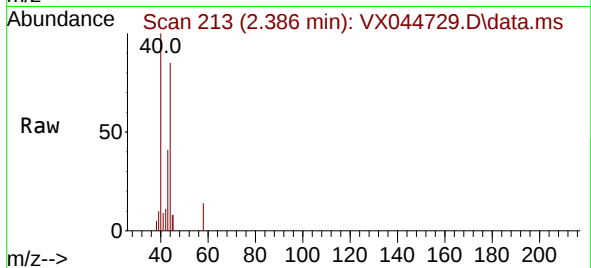
55 323.3 55.1 82.7#



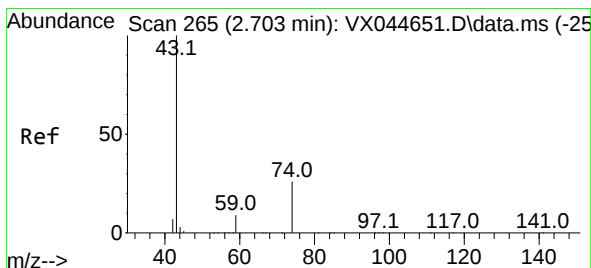
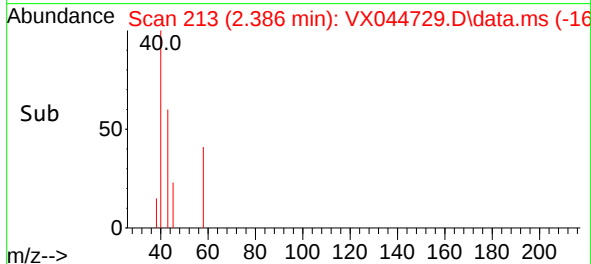
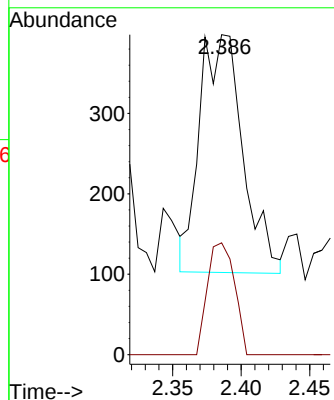


#16
Acetone
Concen: 0.826 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :

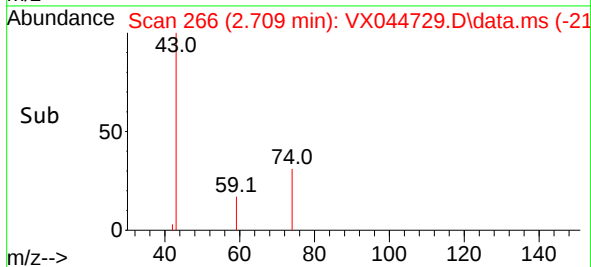
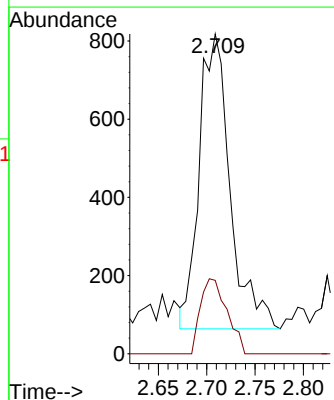
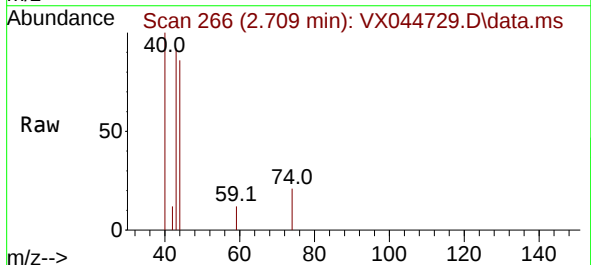


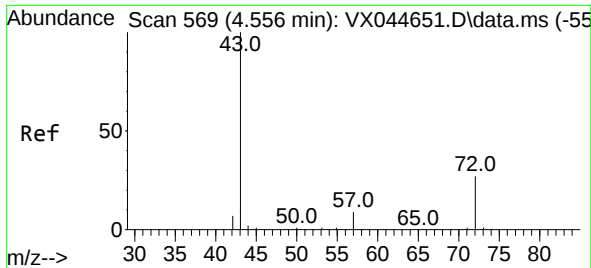
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 49.6 24.6 37.0#



#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
74 21.9 19.8 29.8

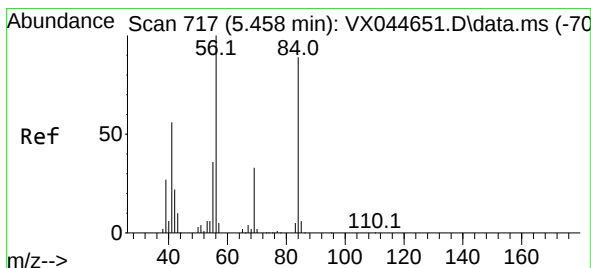
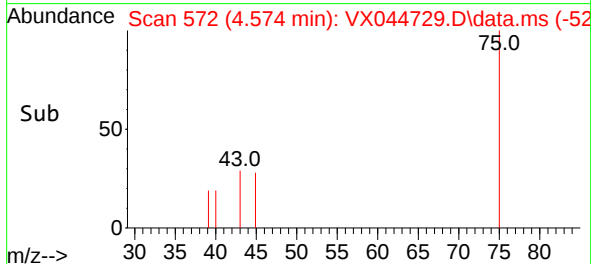
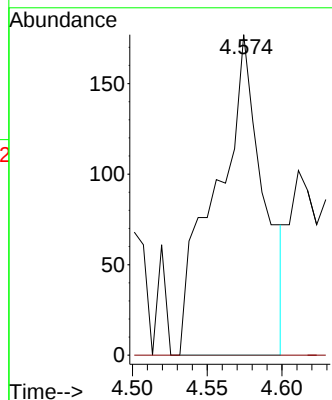
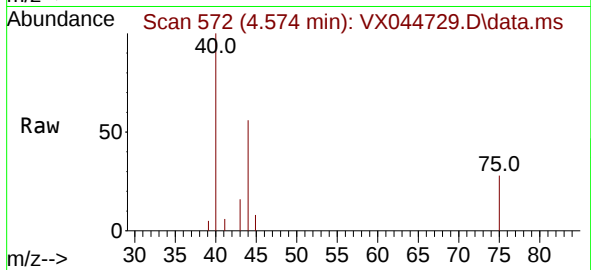




#25
2-Butanone
Concen: 0.333 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

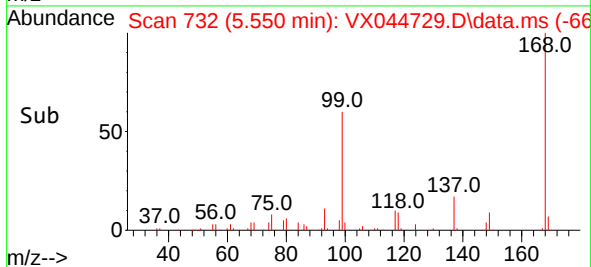
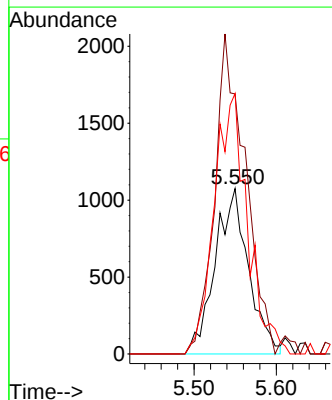
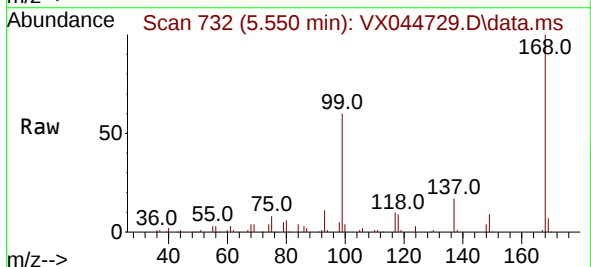
Instrument :
MSVOA_X
ClientSampleId :

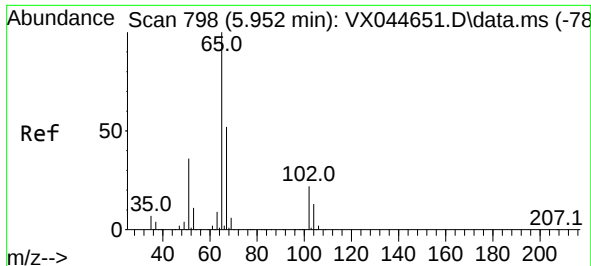
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.092 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion: 56 Resp: 3029
Ion Ratio Lower Upper
56 100
69 157.1 26.8 40.2#
84 157.3 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 48.996 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044729.D

Acq: 27 Jan 2025 17:14

Instrument :

MSVOA_X

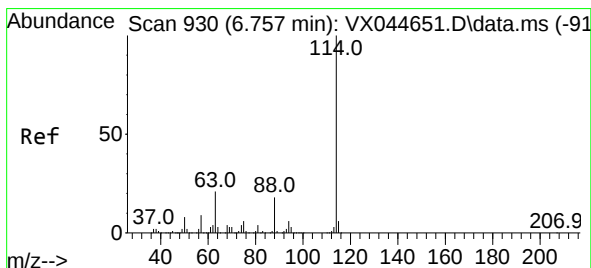
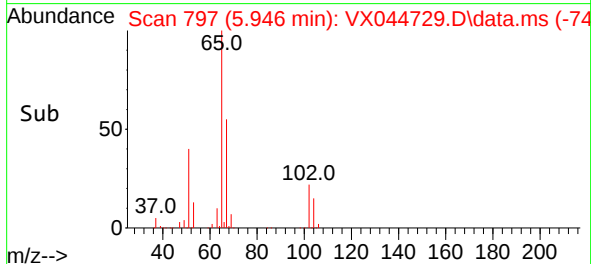
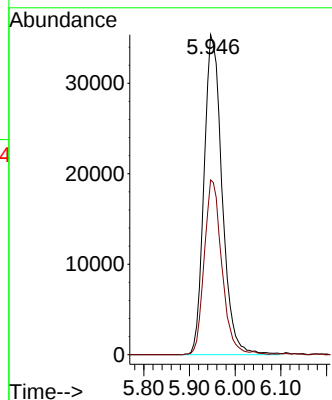
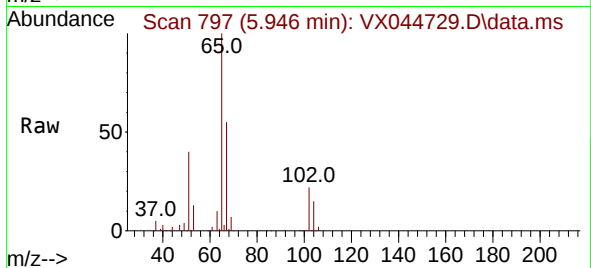
ClientSampleId :

Tgt Ion: 65 Resp: 97095

Ion Ratio Lower Upper

65 100

67 53.3 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: VX044729.D

Acq: 27 Jan 2025 17:14

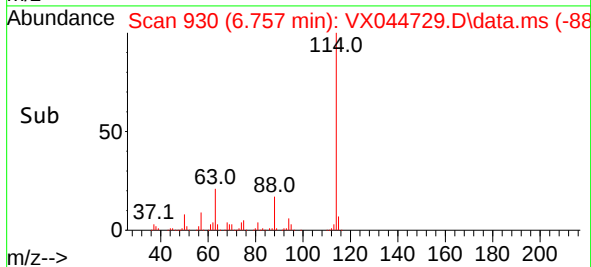
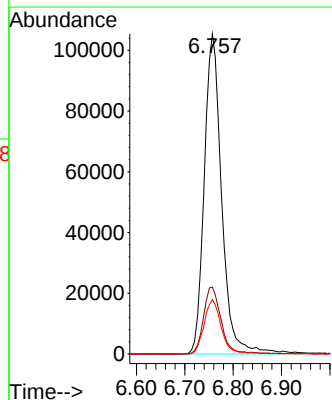
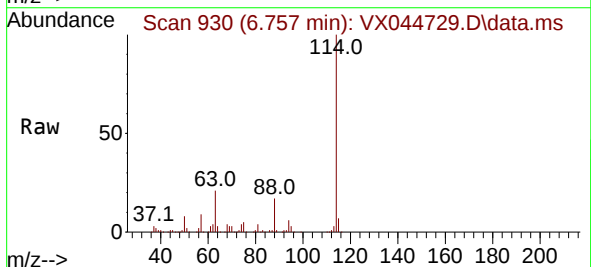
Tgt Ion: 114 Resp: 263361

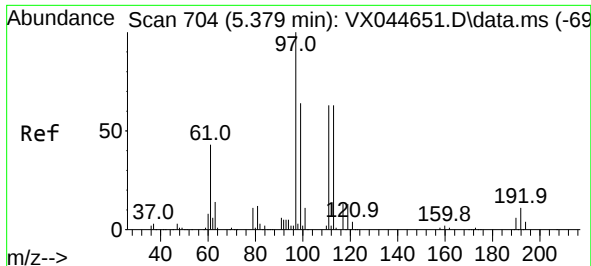
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

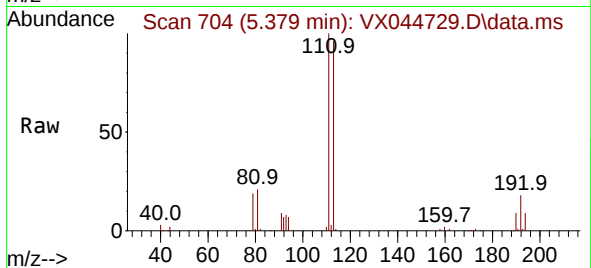
88 17.0 0.0 35.4



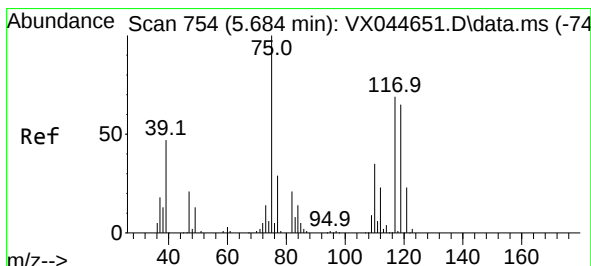
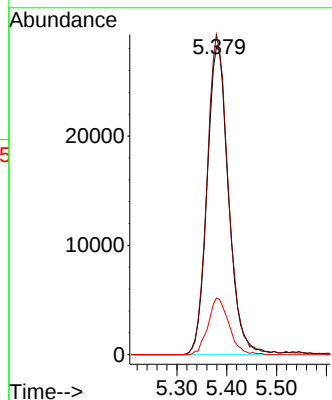
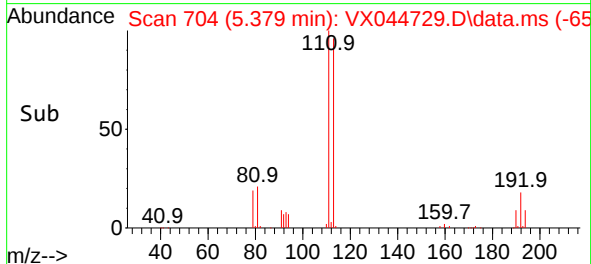


#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

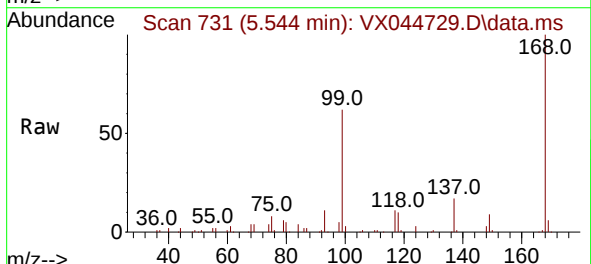
Instrument :
MSVOA_X
ClientSampleId :



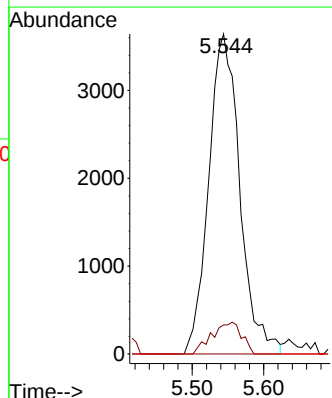
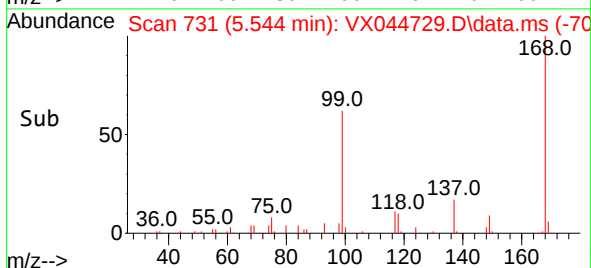
Tgt Ion:113 Resp: 84655
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 17.9 14.4 21.6

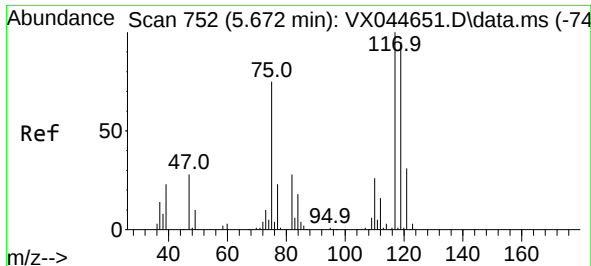


#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14



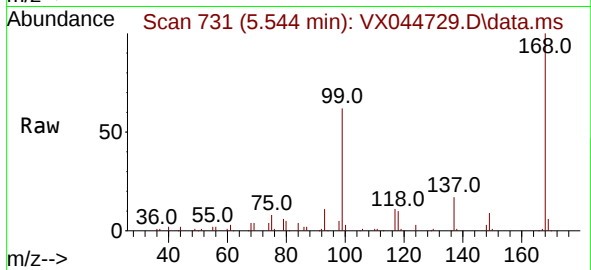
Tgt Ion: 75 Resp: 11010
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.8#
77 0.0 24.5 36.7#



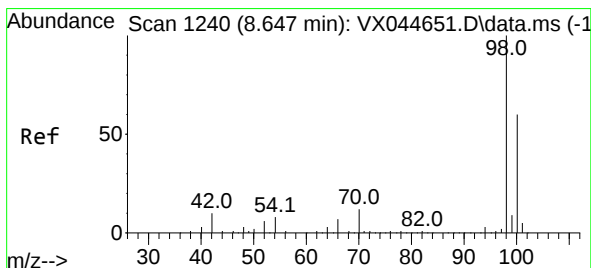
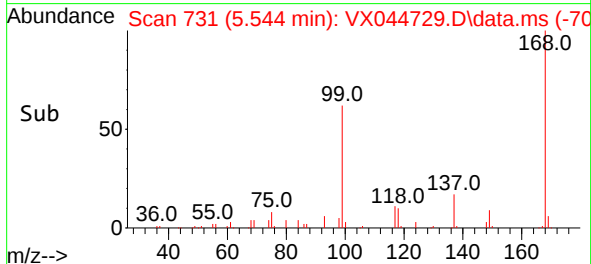
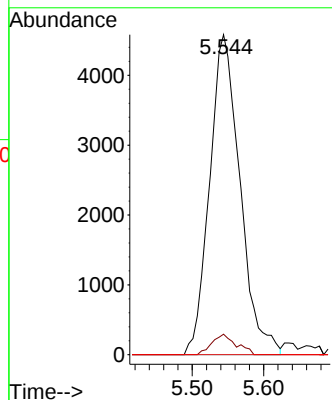


#38
Carbon Tetrachloride
Concen: 5.161 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :

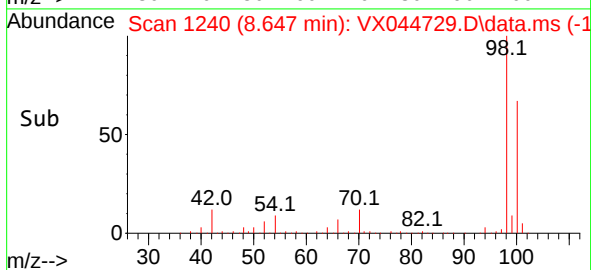
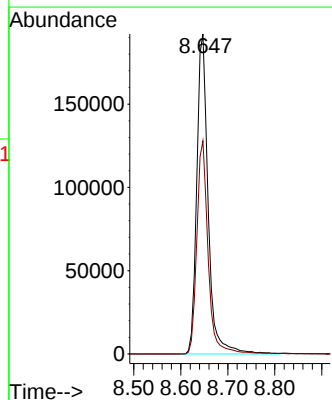
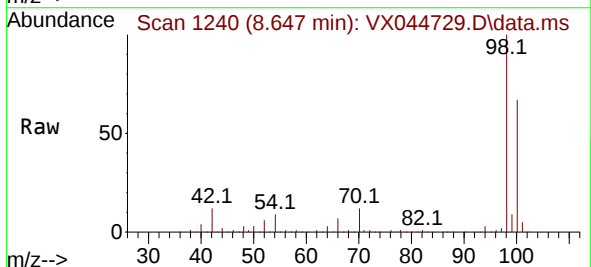


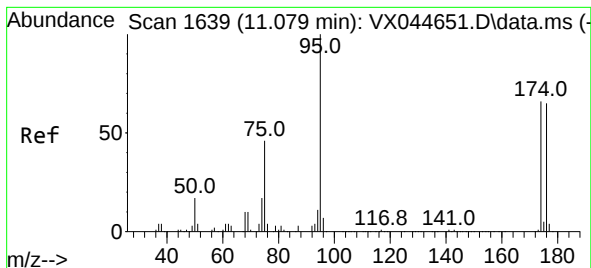
Tgt Ion:117 Resp: 13520
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 55.768 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion: 98 Resp: 325334
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

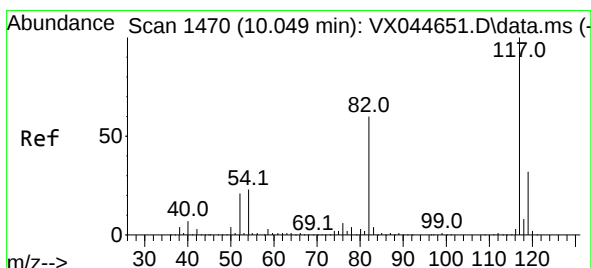
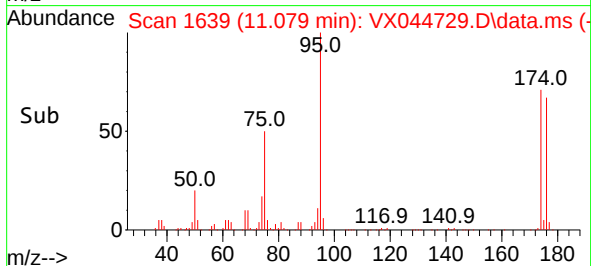
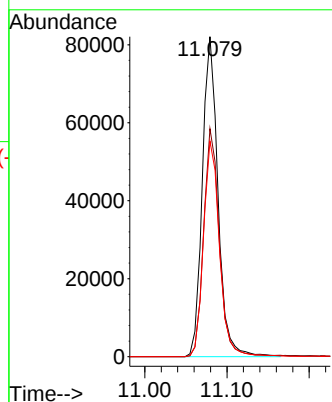
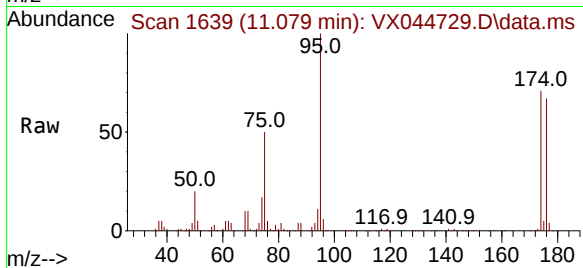




#62
4-Bromofluorobenzene
Concen: 49.954 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

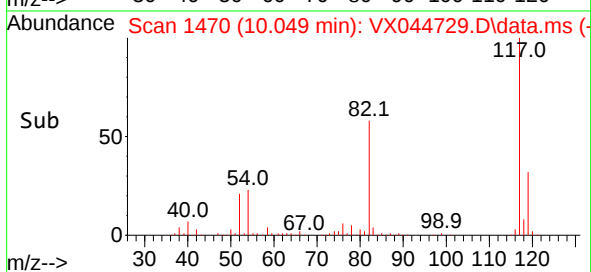
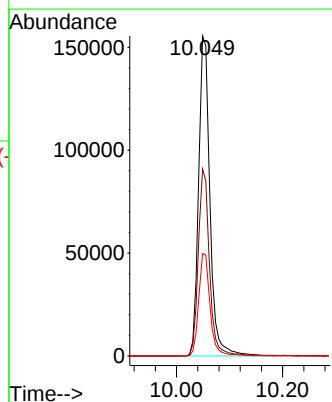
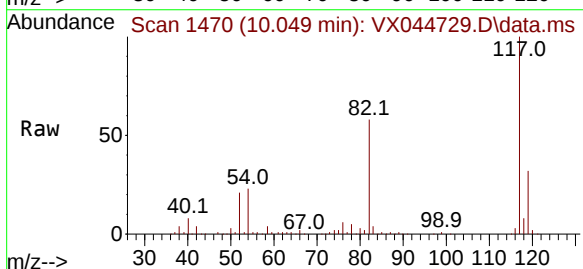
Instrument :
MSVOA_X
ClientSampleId :

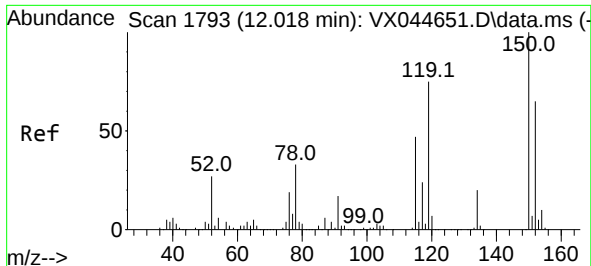
Tgt Ion: 95 Resp: 108637
Ion Ratio Lower Upper
95 100
174 71.6 0.0 133.0
176 68.9 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

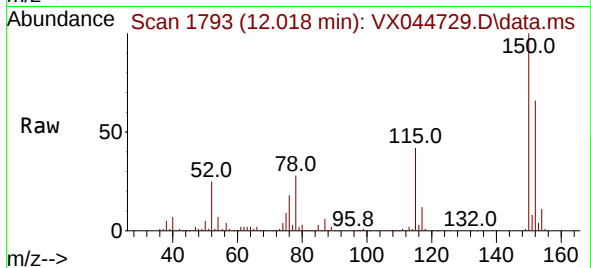
Tgt Ion: 117 Resp: 231694
Ion Ratio Lower Upper
117 100
82 58.4 47.6 71.4
119 32.0 25.4 38.2



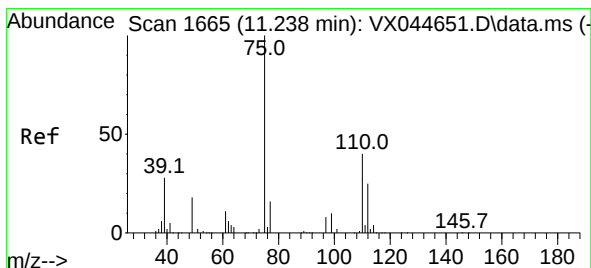
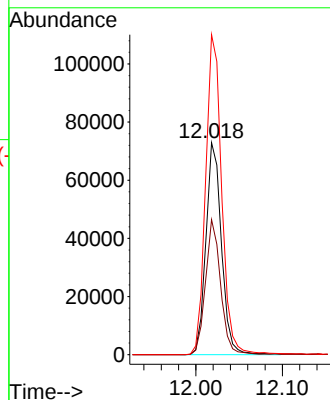
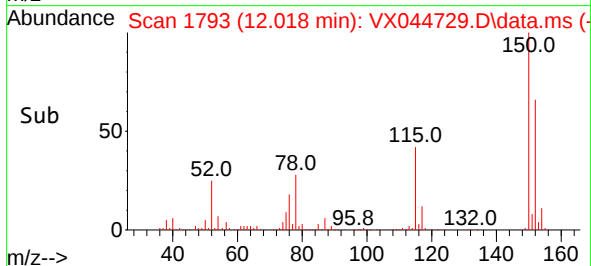


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :

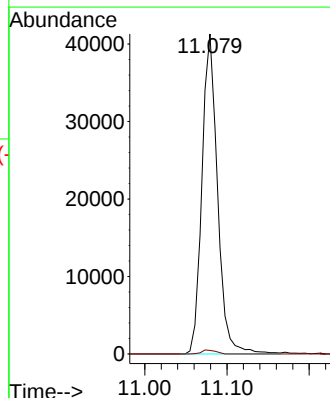
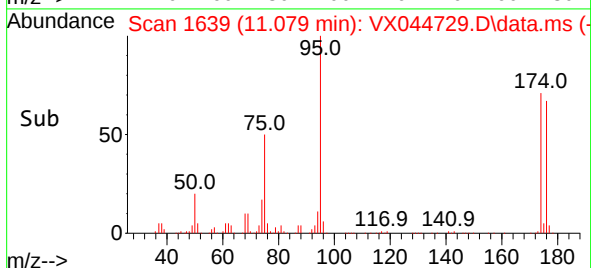
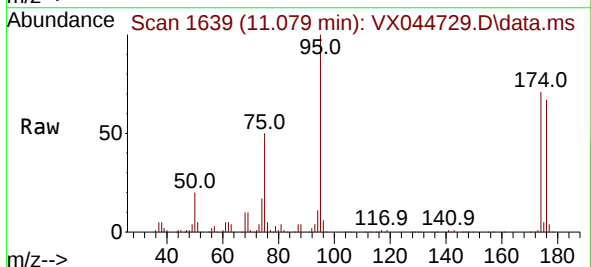


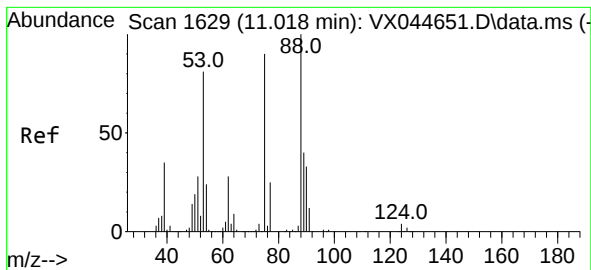
Tgt Ion:152 Resp: 91155
Ion Ratio Lower Upper
152 100
115 62.0 43.8 131.4
150 156.2 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 24.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

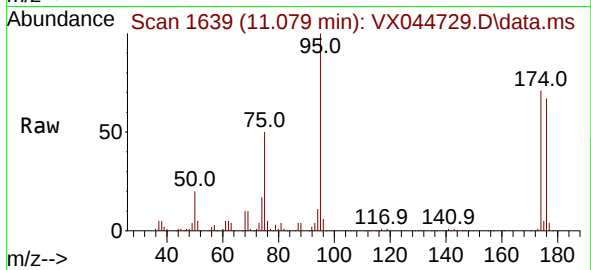
Tgt Ion: 75 Resp: 54381
Ion Ratio Lower Upper
75 100
77 1.1 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.216 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 54381
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

