

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045405.D
 Acq On : 24 Mar 2025 11:19
 Operator : JC/MD
 Sample : VX0324WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

Quant Time: Mar 25 01:29:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

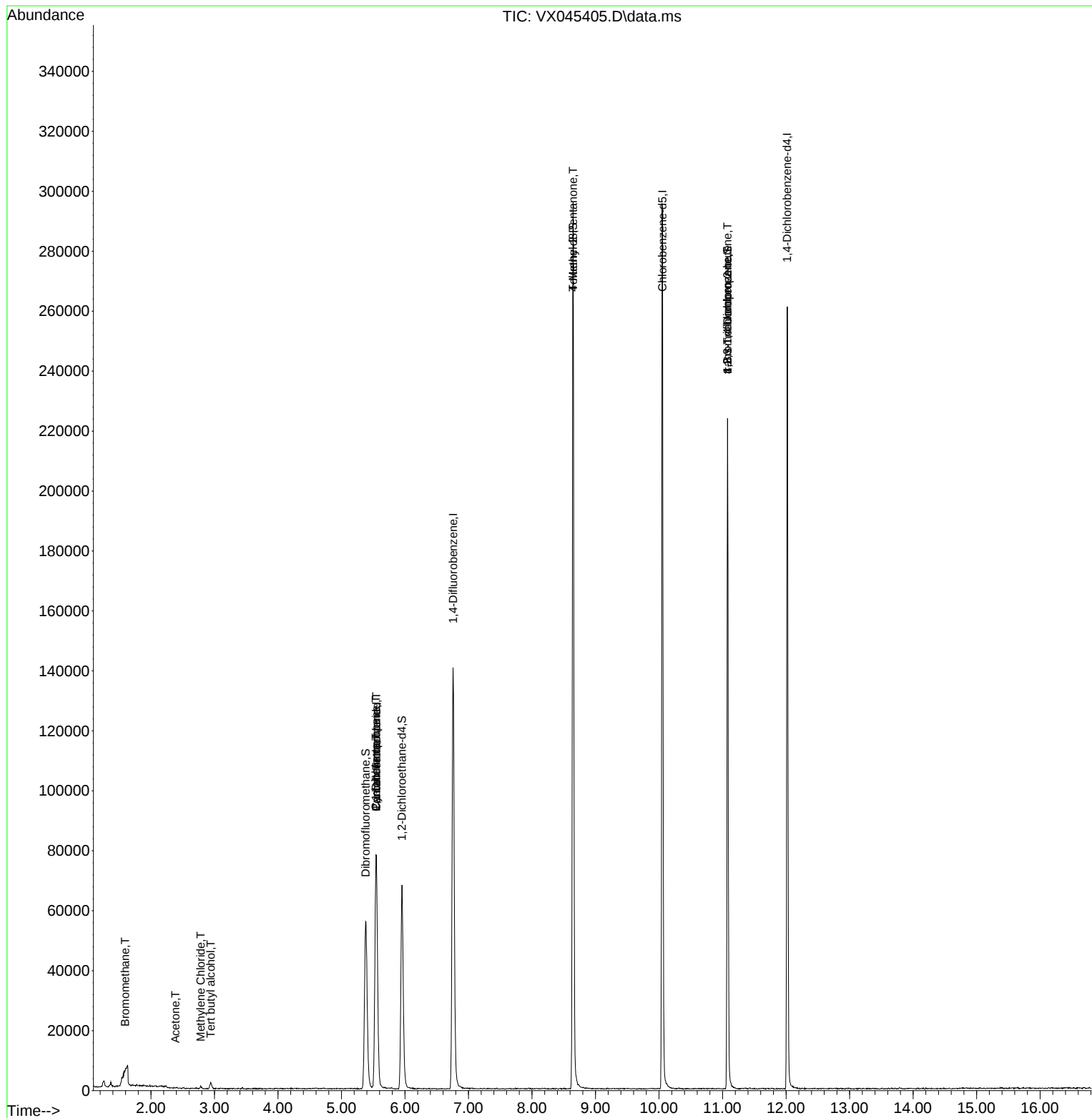
Internal Standards						
1) Pentafluorobenzene	5.550	168	69924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64463	57.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.920%	
35) Dibromofluoromethane	5.379	113	49294	53.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.240%	
50) Toluene-d8	8.647	98	168565	50.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	58097	52.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	206	0.490	ug/l #	68
11) Tert butyl alcohol	2.940	59	1083	5.141	ug/l #	73
16) Acetone	2.386	43	319	0.618	ug/l #	44
20) Methylene Chloride	2.782	84	404	0.395	ug/l #	80
31) Cyclohexane	5.544	56	2173	1.436	ug/l #	60
36) 1,1-Dichloropropene	5.544	75	6598	5.233	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7798	6.092	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	980	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33119	28.793	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33119	98.536	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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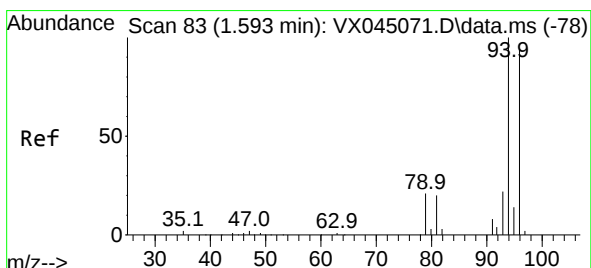
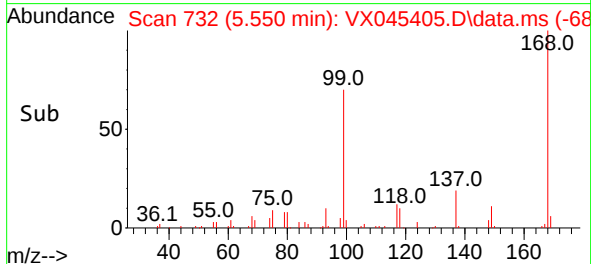
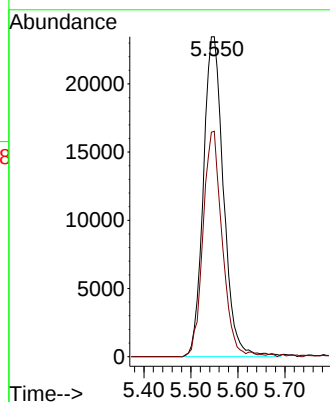
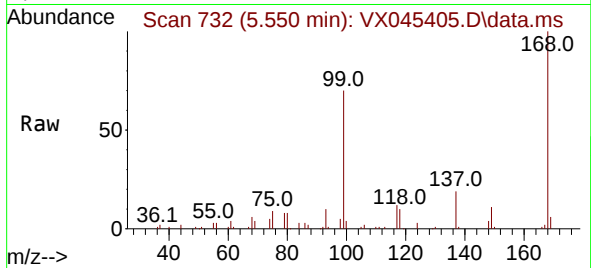




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

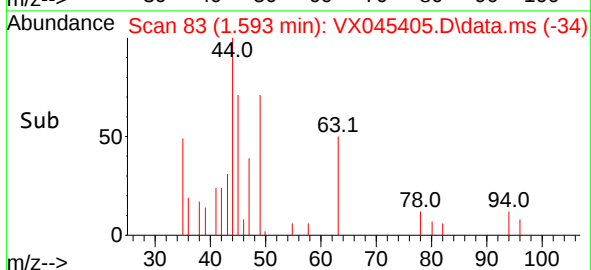
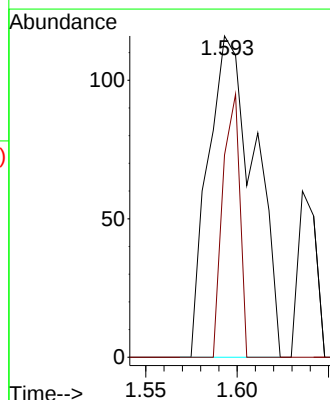
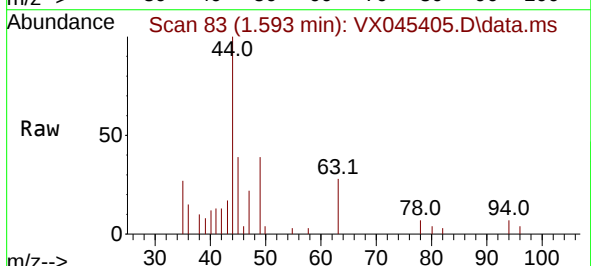
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

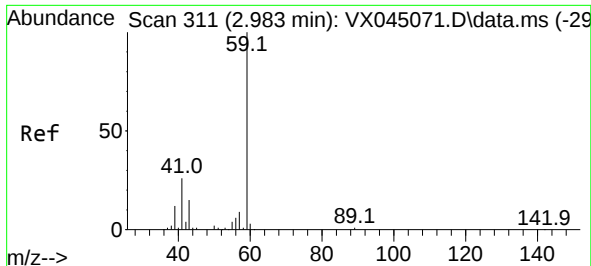
Tgt Ion:168 Resp: 69924
Ion Ratio Lower Upper
168 100
99 70.5 48.2 72.4



#5
Bromomethane
Concen: 0.490 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 62.9 75.0 112.4#

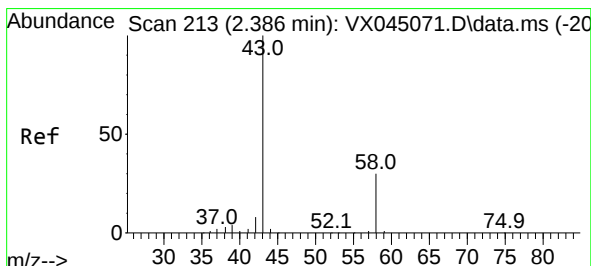
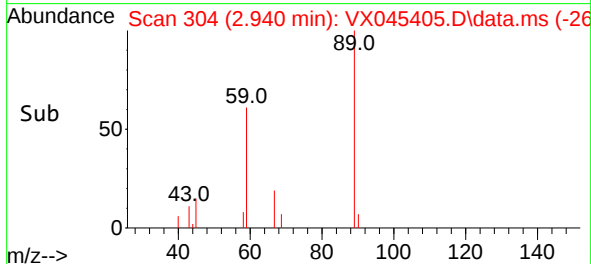
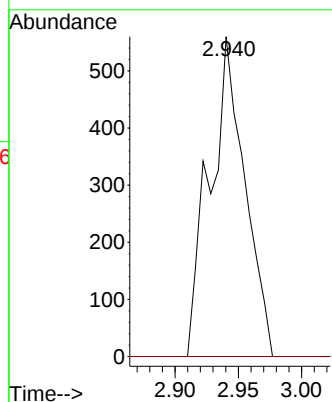
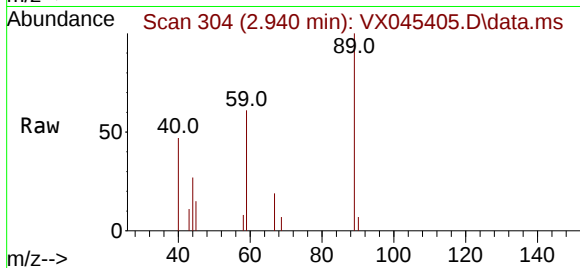




#11
Tert butyl alcohol
Concen: 5.141 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

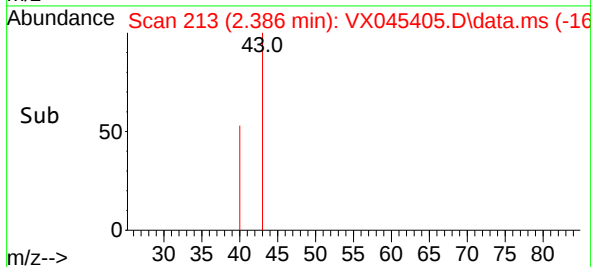
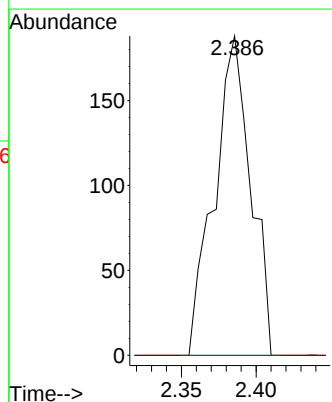
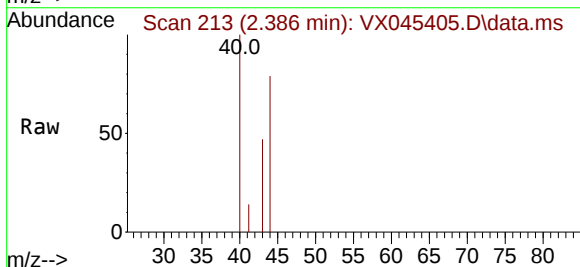
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

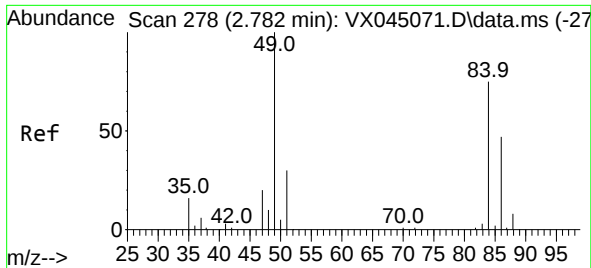
Tgt Ion: 59 Resp: 1083
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.618 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

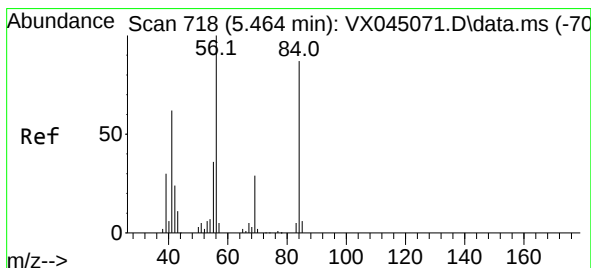
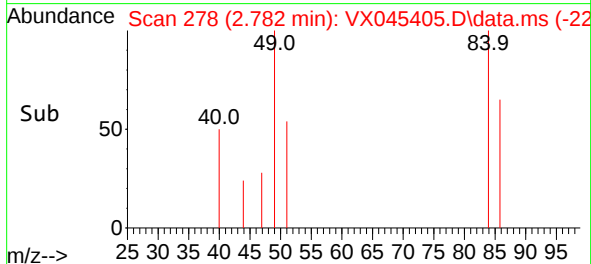
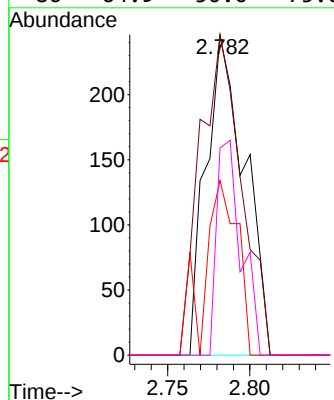
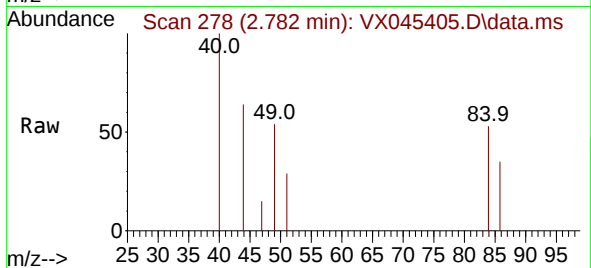




#20
Methylene Chloride
Concen: 0.395 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

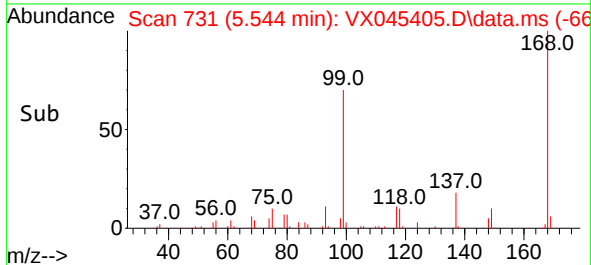
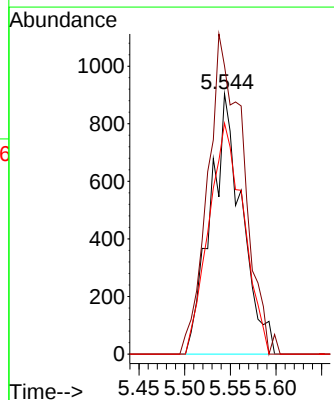
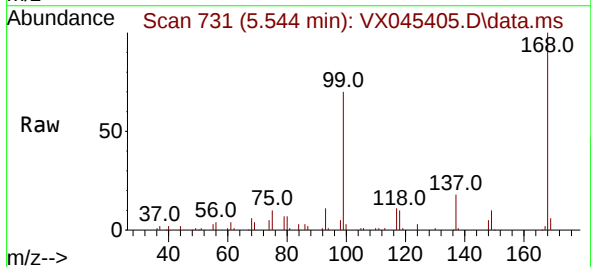
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

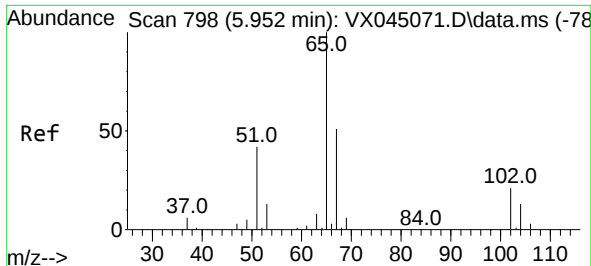
Tgt Ion:	84	Resp:	404
Ion	Ratio	Lower	Upper
84	100		
49	100.4	106.5	159.7#
51	54.7	32.1	48.1#
86	64.9	50.0	75.0



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion:	56	Resp:	2173
Ion	Ratio	Lower	Upper
56	100		
69	110.7	23.4	35.2#
84	88.7	69.4	104.2

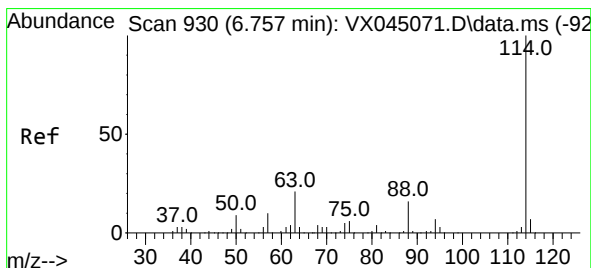
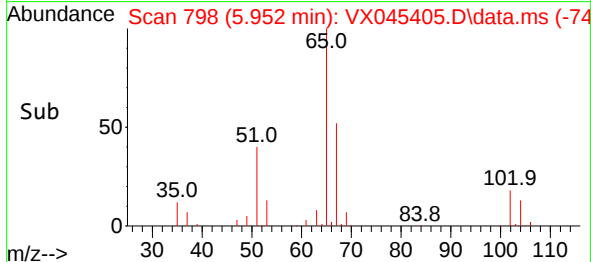
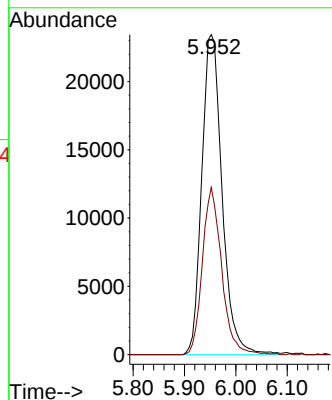
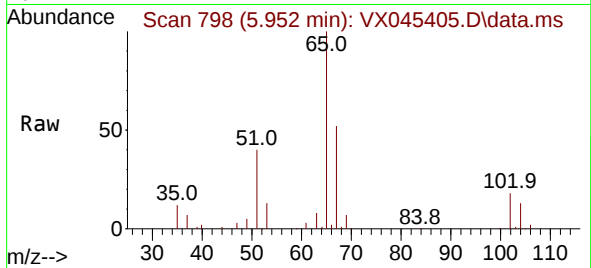




#33
 1,2-Dichloroethane-d4
 Concen: 57.958 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045405.D
 Acq: 24 Mar 2025 11:19

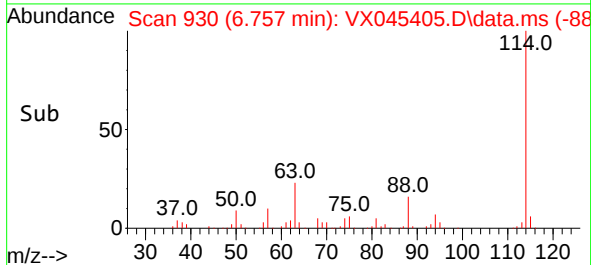
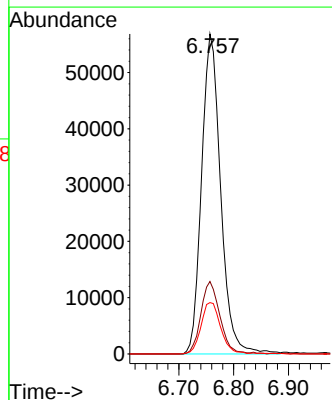
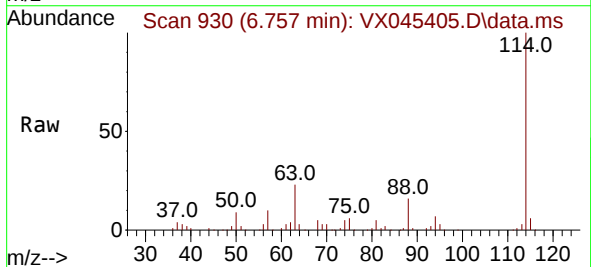
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

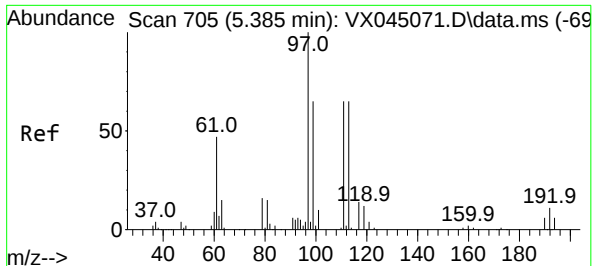
Tgt Ion: 65 Resp: 64463
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045405.D
 Acq: 24 Mar 2025 11:19

Tgt Ion: 114 Resp: 137486
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.619 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBL01

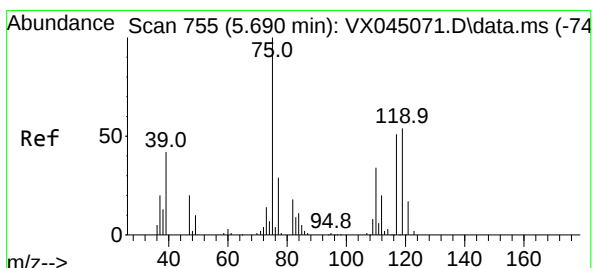
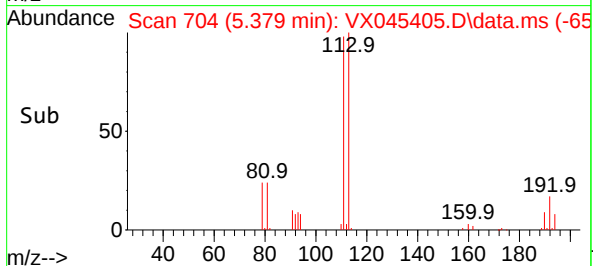
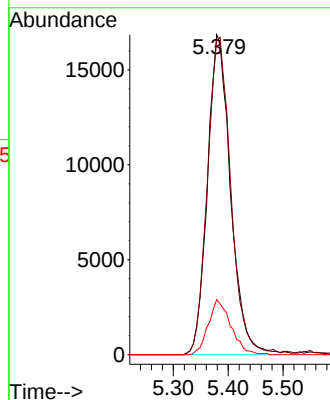
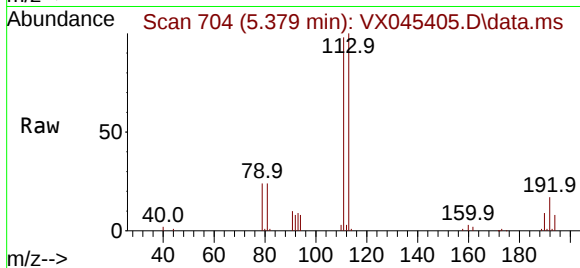
Tgt Ion:113 Resp: 49294

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.233 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

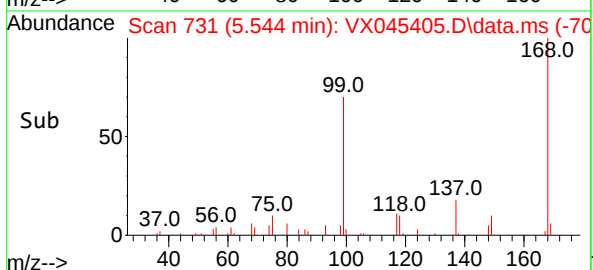
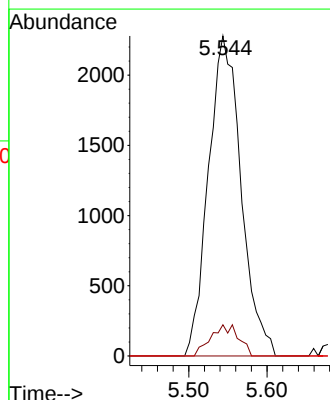
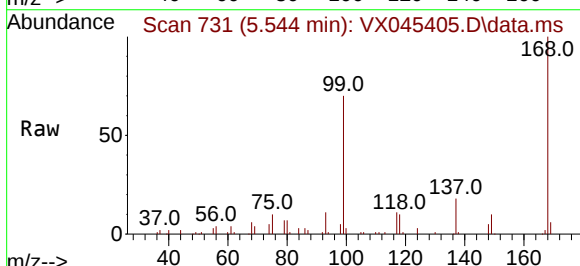
Tgt Ion: 75 Resp: 6598

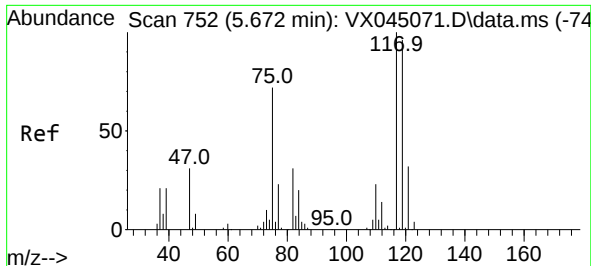
Ion Ratio Lower Upper

75 100

110 8.3 16.9 50.6#

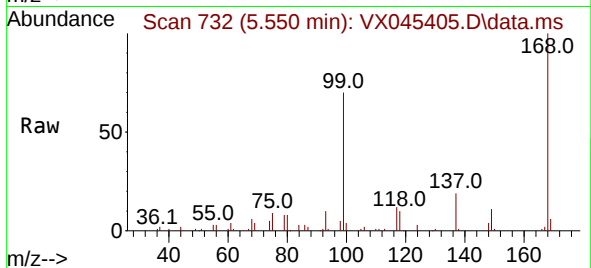
77 0.0 24.5 36.7#



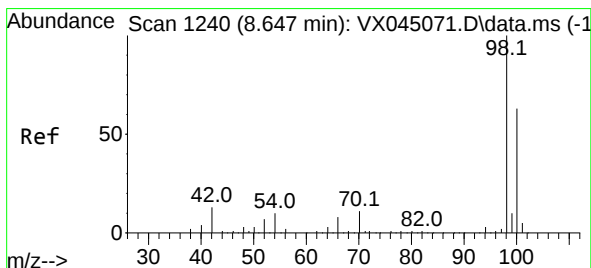
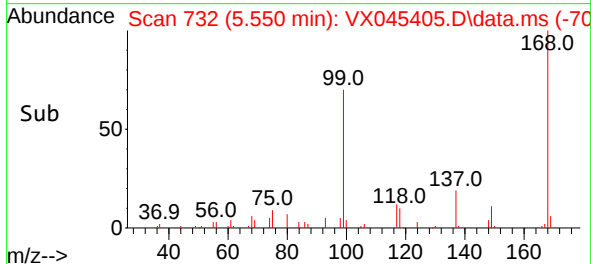
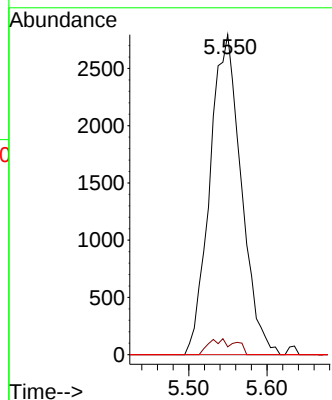


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

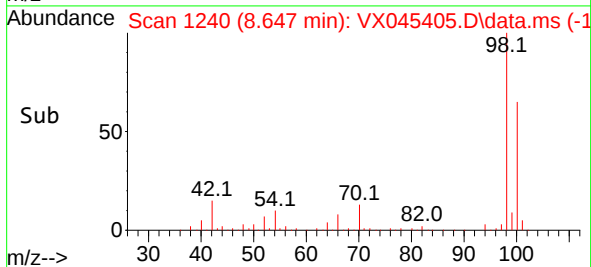
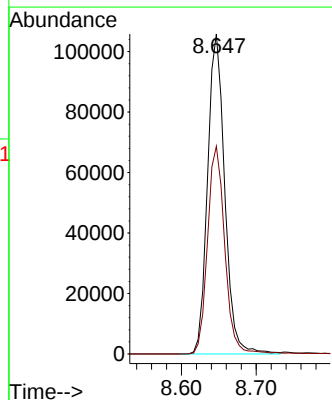
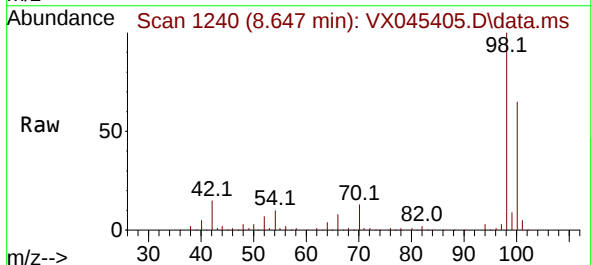


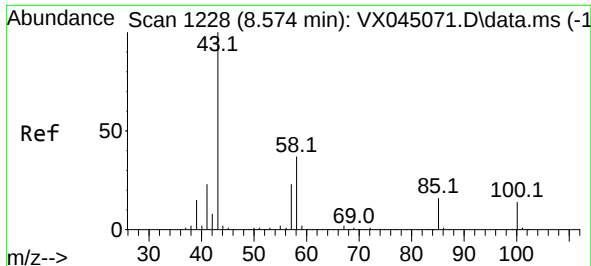
Tgt Ion:117 Resp: 7798
Ion Ratio Lower Upper
117 100
119 2.4 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.576 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 98 Resp: 168565
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

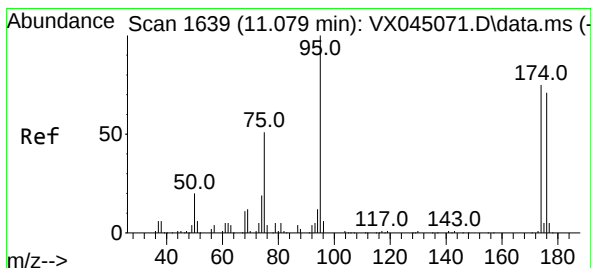
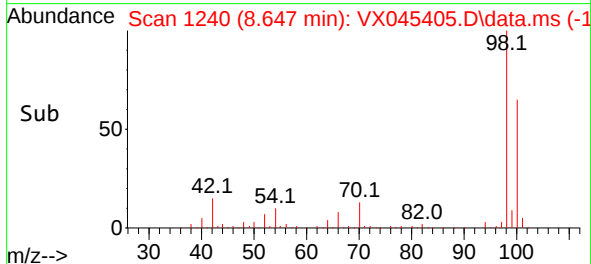
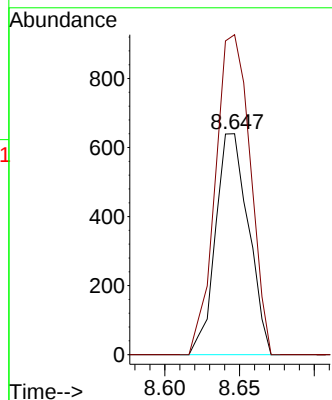
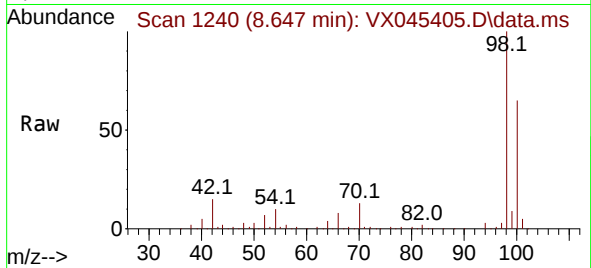




#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

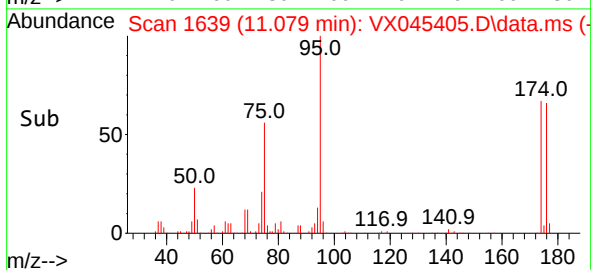
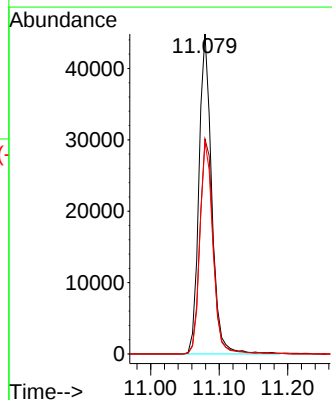
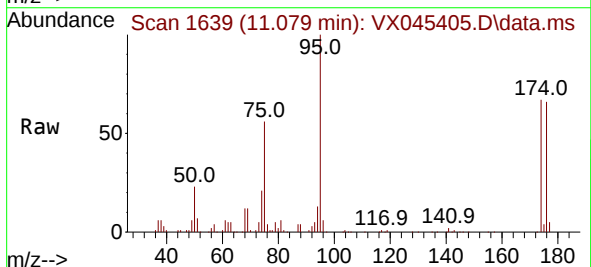
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

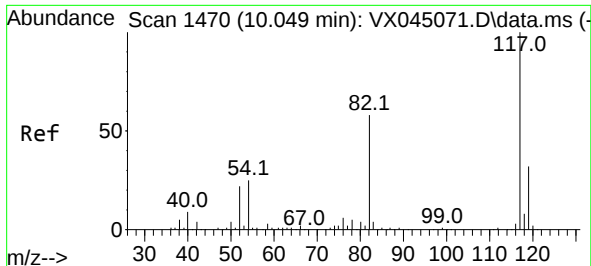
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 153.5 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 95 Resp: 58097
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 67.8 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBL01

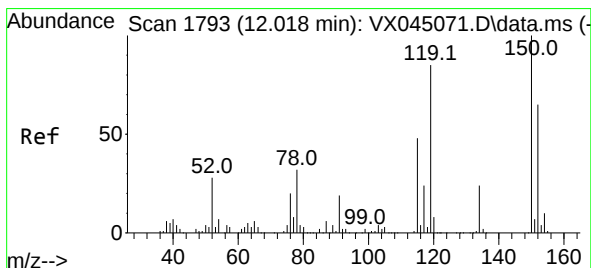
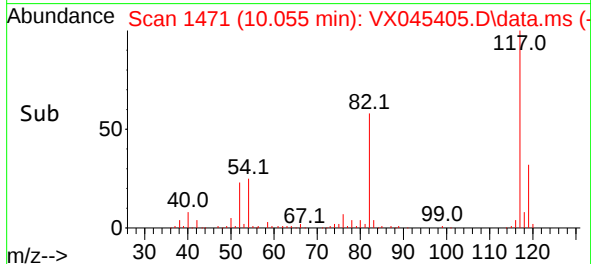
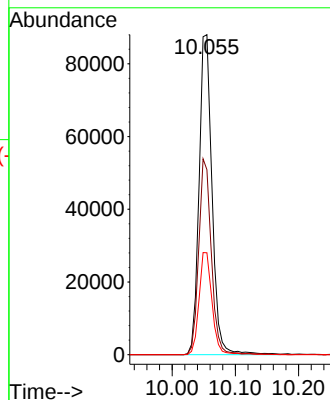
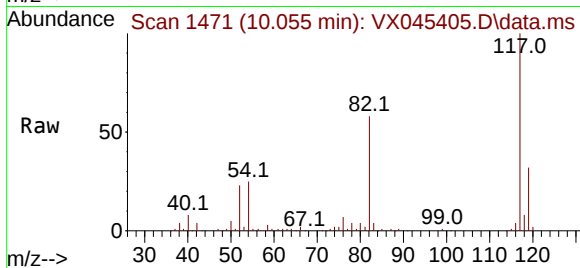
Tgt Ion:117 Resp: 126117

Ion Ratio Lower Upper

117 100

82 57.8 46.3 69.5

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

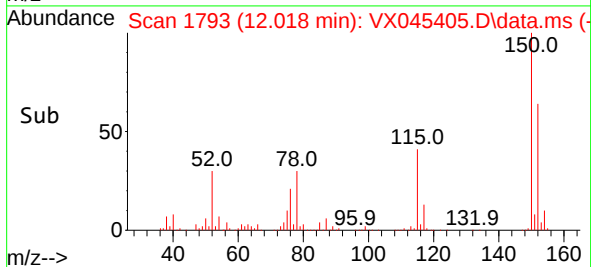
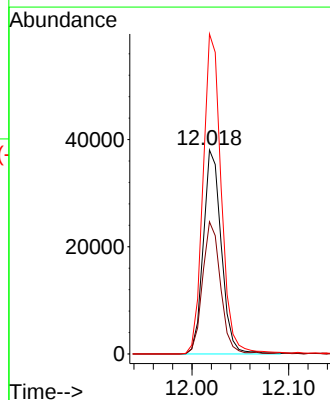
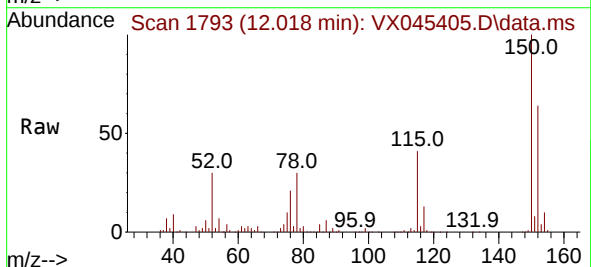
Tgt Ion:152 Resp: 49419

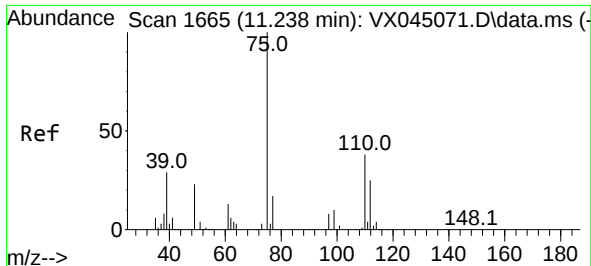
Ion Ratio Lower Upper

152 100

115 64.6 44.2 132.6

150 158.7 0.0 349.0

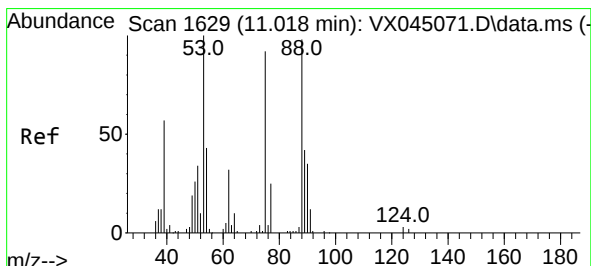
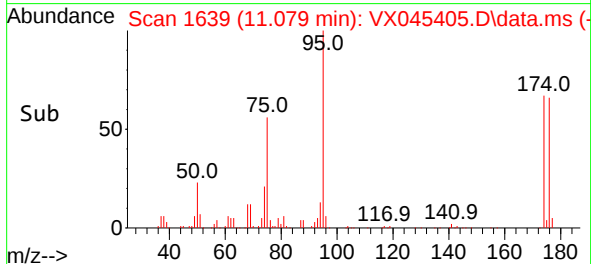
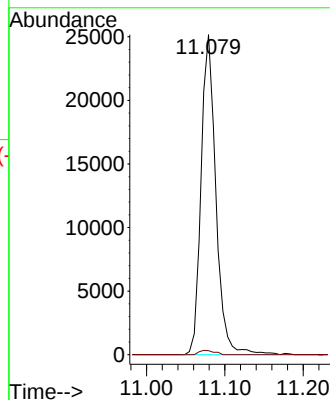
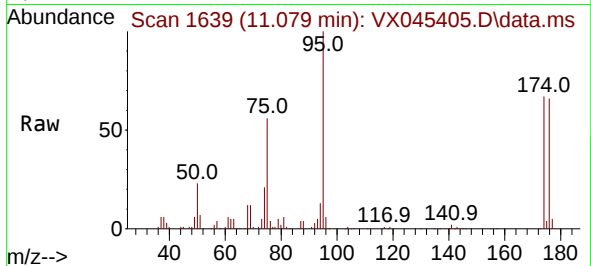




#76
1,2,3-Trichloropropane
Concen: 28.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

Tgt Ion: 75 Resp: 33119
Ion Ratio Lower Upper
75 100
77 1.4 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 75 Resp: 33119
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

