

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045624.D
 Acq On : 07 Apr 2025 13:19
 Operator : JC/MD
 Sample : Q1741-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-040425

Quant Time: Apr 08 01:35:19 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)

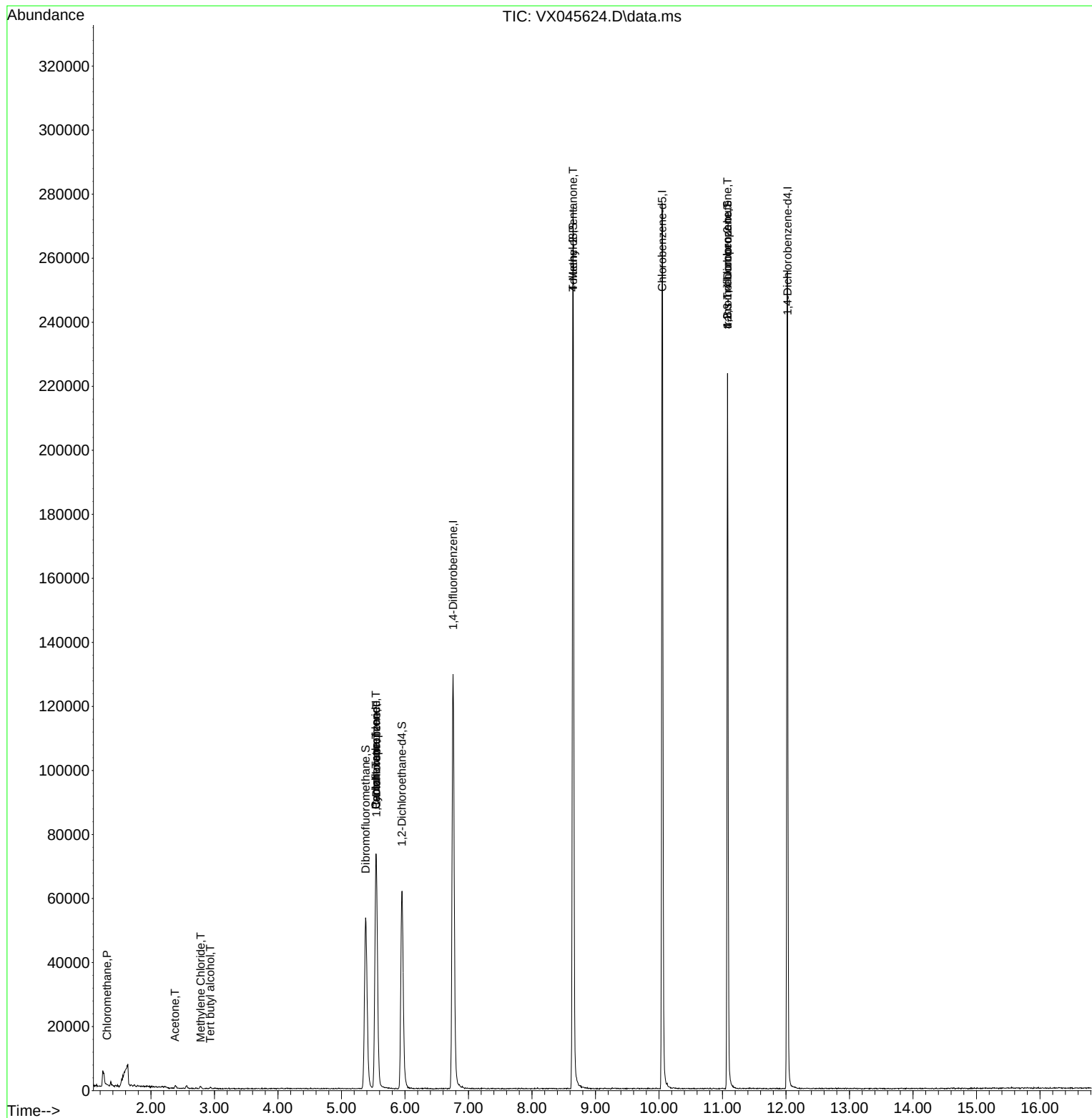
Internal Standards						
1) Pentafluorobenzene	5.544	168	64171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64079	54.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	5.379	113	46415	52.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	155753	50.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.079	95	57166	50.924	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	424	0.430	ug/l #	42
11) Tert butyl alcohol	2.935	59	88	0.558	ug/l #	72
16) Acetone	2.380	43	977	2.027	ug/l #	80
20) Methylene Chloride	2.782	84	296	0.328	ug/l #	79
31) Cyclohexane	5.544	56	2061	1.432	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	6279	5.267	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7458	5.788	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	823	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33277	28.632	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33277	97.172	ug/l #	1

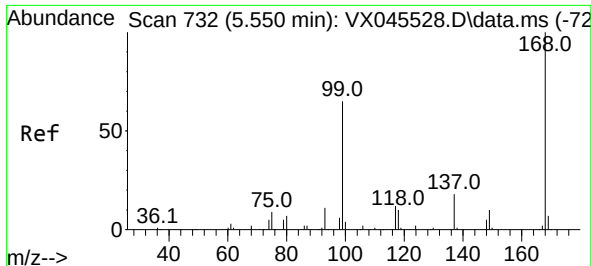
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

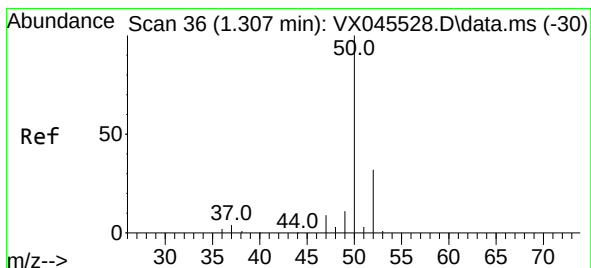
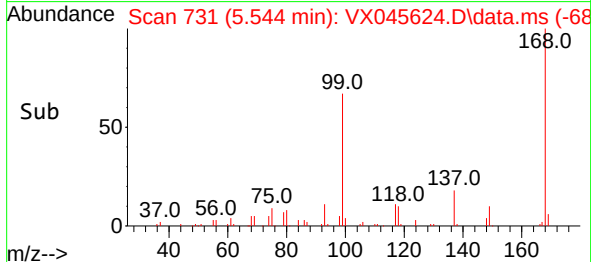
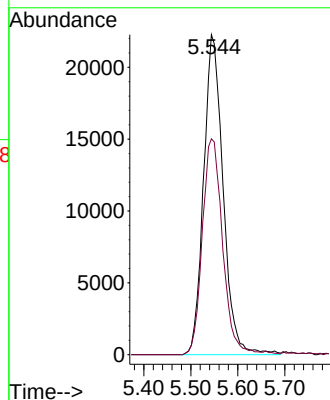
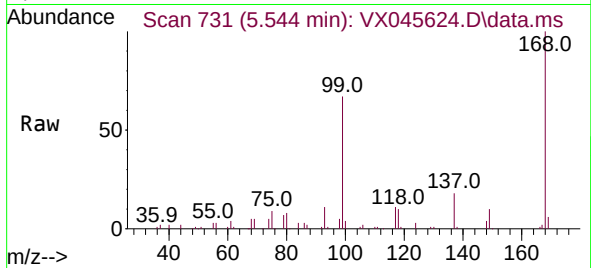




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

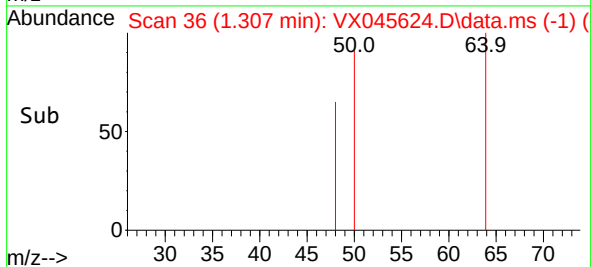
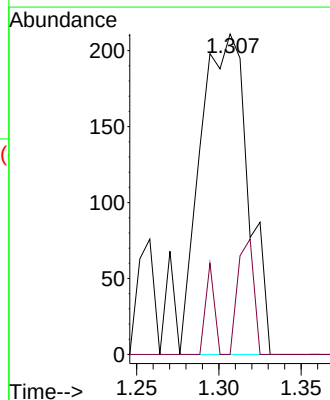
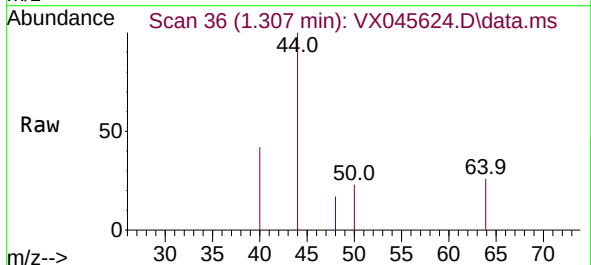
Instrument :
MSVOA_X
ClientSampleId :
TB01-040425

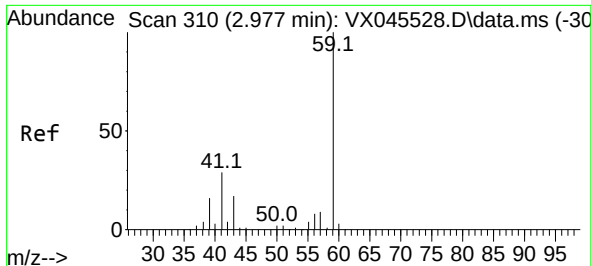
Tgt Ion:168 Resp: 64171
Ion Ratio Lower Upper
168 100
99 67.5 52.3 78.5



#3
Chloromethane
Concen: 0.430 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

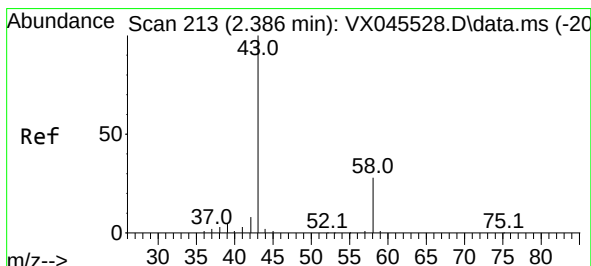
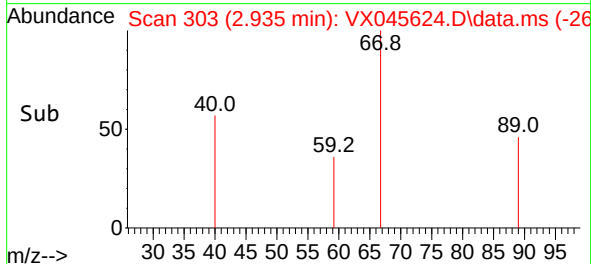
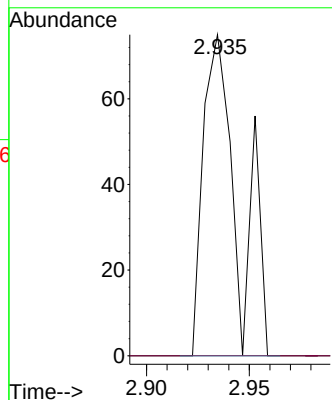
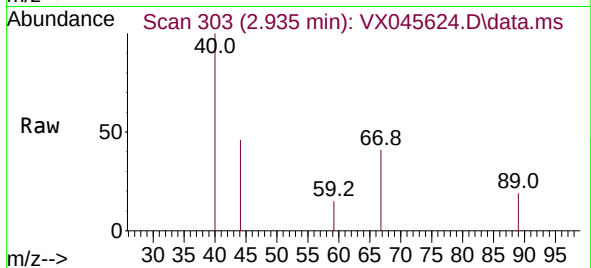




#11
Tert butyl alcohol
Concen: 0.558 ug/l
RT: 2.935 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

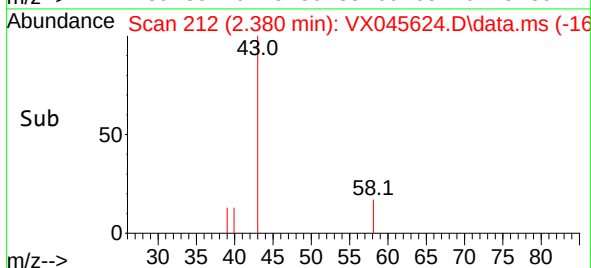
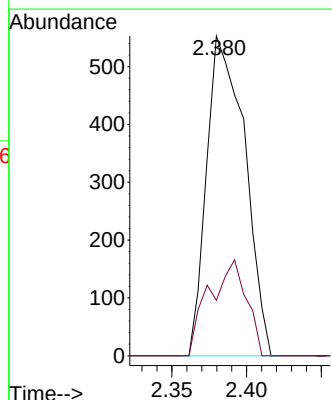
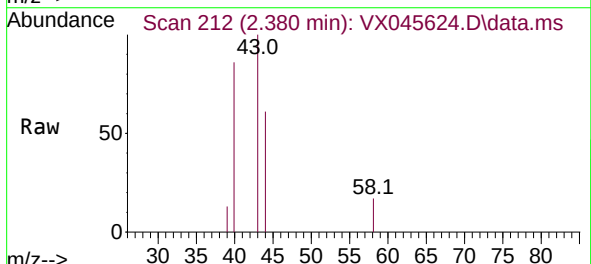
Instrument :
MSVOA_X
ClientSampleId :
TB01-040425

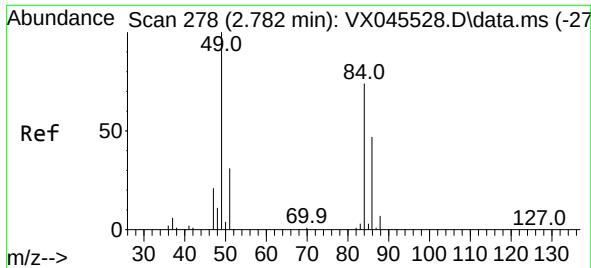
Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.027 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 17.4 22.3 33.5#

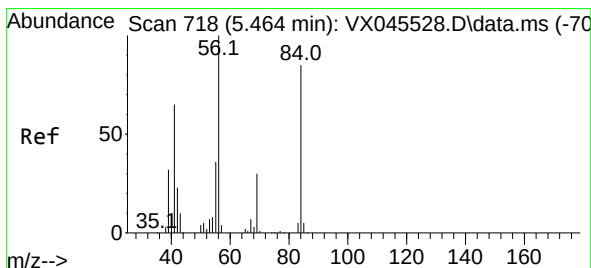
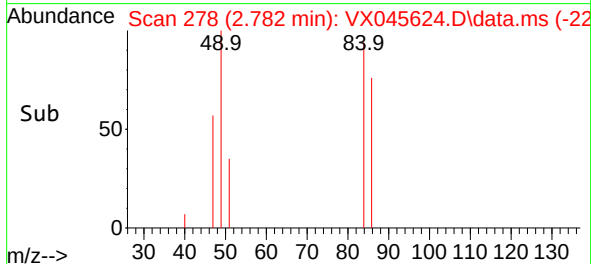
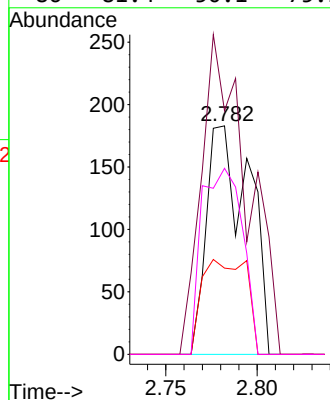
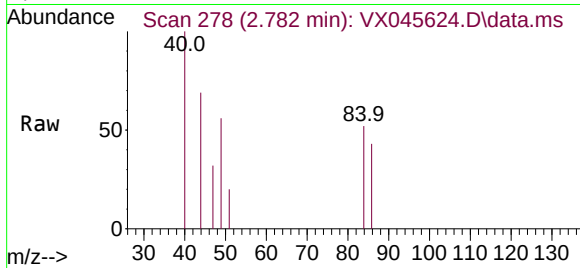




#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

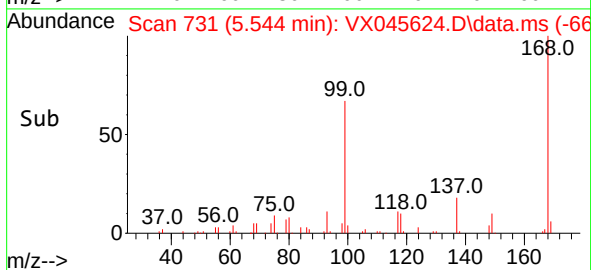
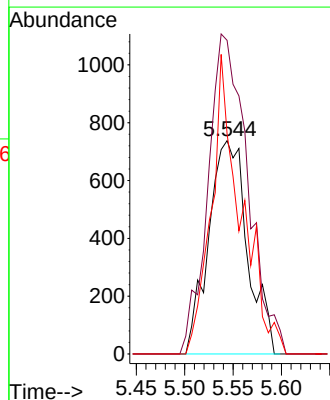
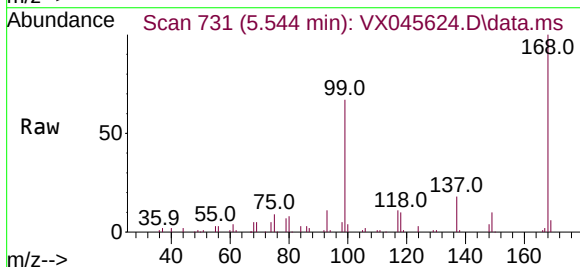
Instrument :
MSVOA_X
ClientSampleId :
TB01-040425

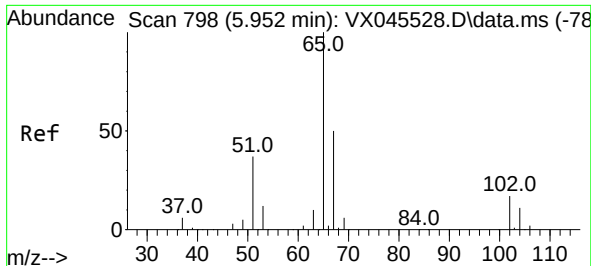
Tgt Ion:	84	Resp:	296
Ion	Ratio	Lower	Upper
84	100		
49	106.6	107.5	161.3#
51	37.7	33.0	49.6
86	81.4	50.1	75.1#



#31
Cyclohexane
Concen: 1.432 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion:	56	Resp:	2061
Ion	Ratio	Lower	Upper
56	100		
69	147.0	23.6	35.4#
84	103.1	67.7	101.5#

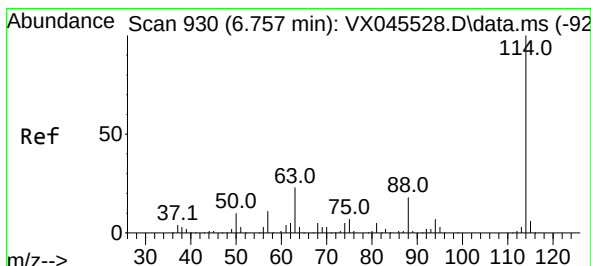
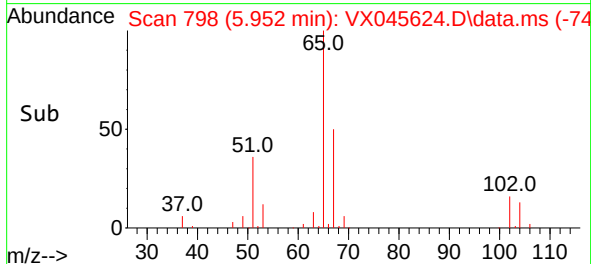
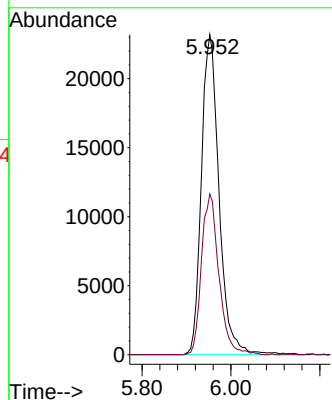
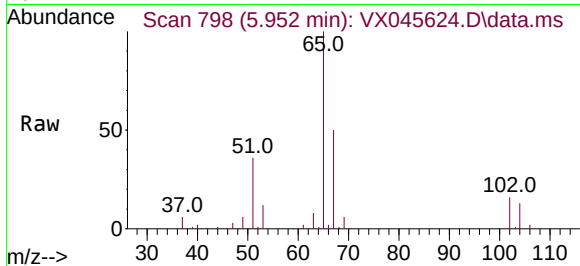




#33
 1,2-Dichloroethane-d4
 Concen: 54.604 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045624.D
 Acq: 07 Apr 2025 13:19

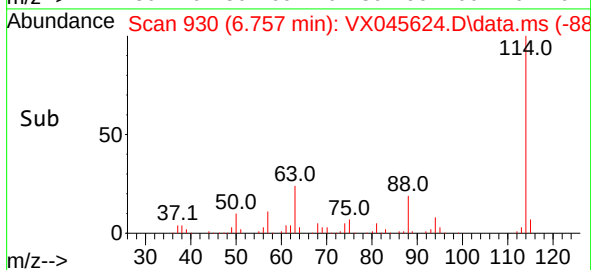
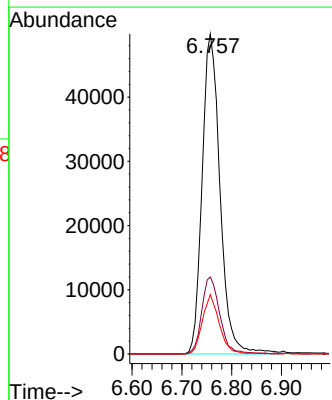
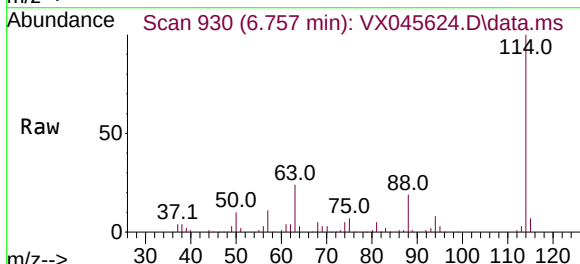
Instrument :
 MSVOA_X
 ClientSampleId :
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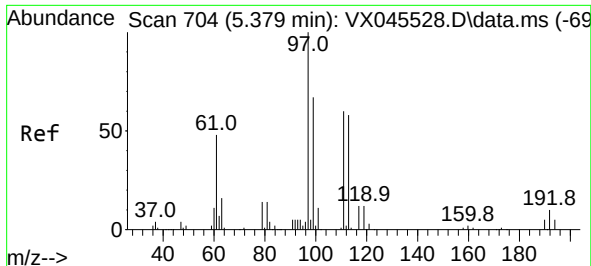
Tgt Ion: 65 Resp: 64079
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045624.D
 Acq: 07 Apr 2025 13:19

Tgt Ion: 114 Resp: 124449
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.8
 88 18.6 0.0 35.4

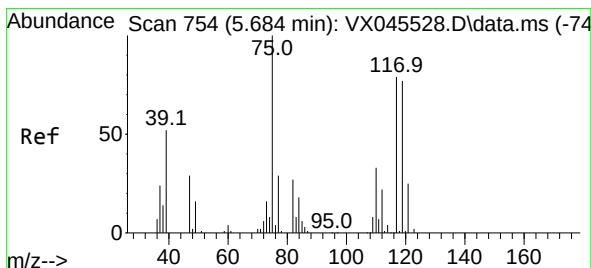
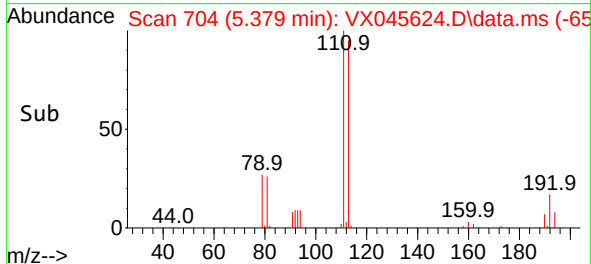
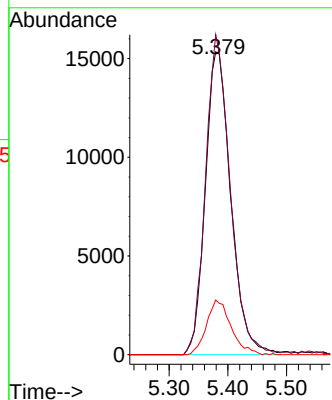
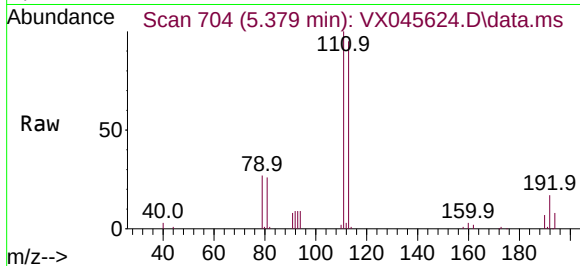




#35
Dibromofluoromethane
Concen: 52.567 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

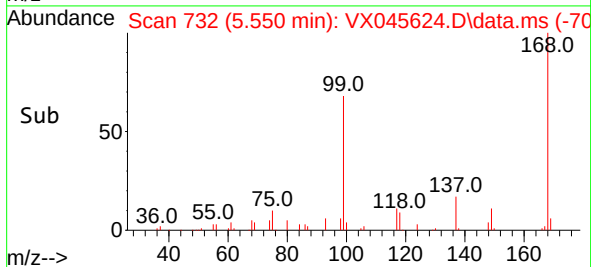
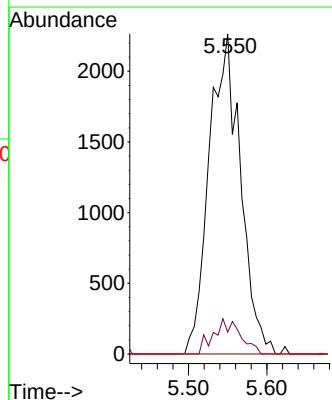
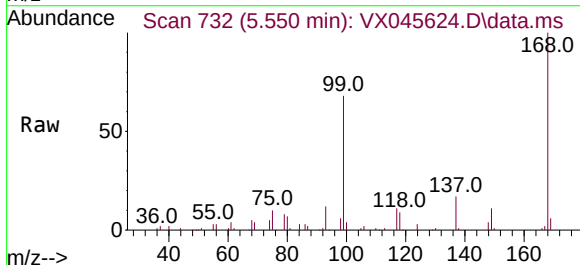
Instrument :
MSVOA_X
ClientSampleId :
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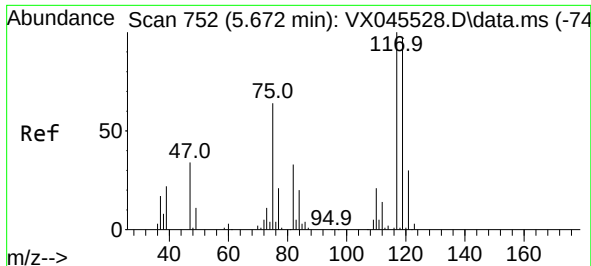
Tgt Ion:	113	Resp:	46415
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.3	13.8	20.6



#36
1,1-Dichloropropene
Concen: 5.267 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

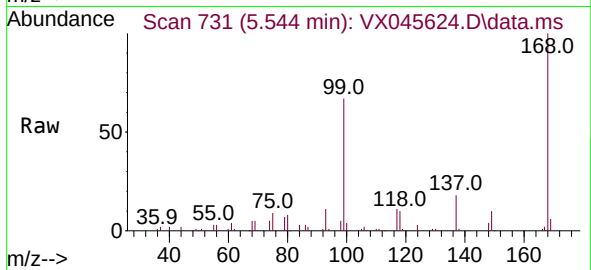
Tgt Ion:	75	Resp:	6279
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.0	25.0	37.4#



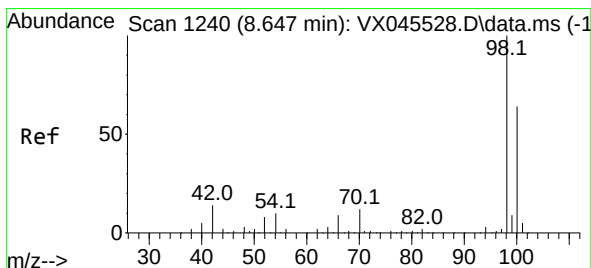
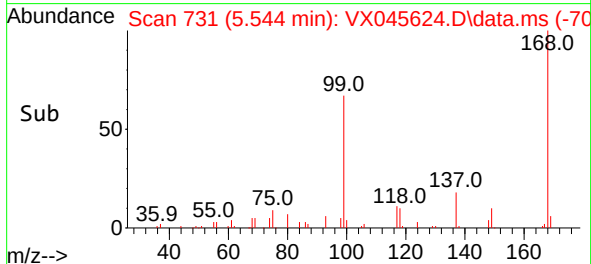
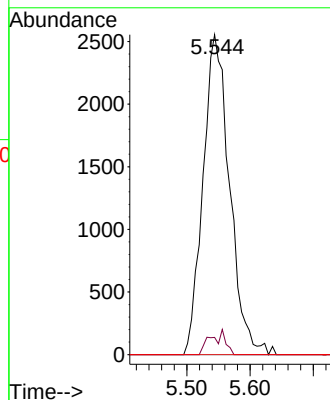


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Instrument :
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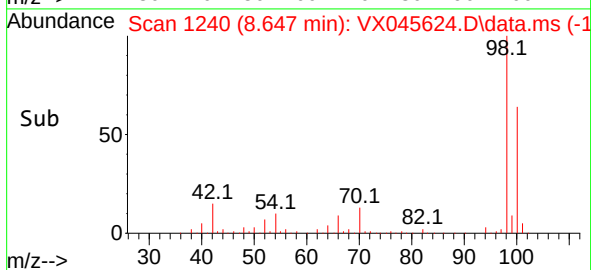
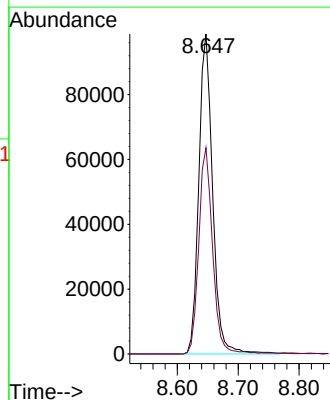
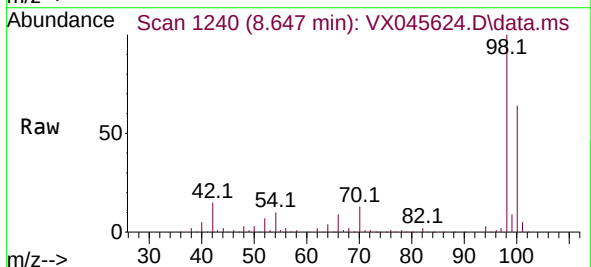


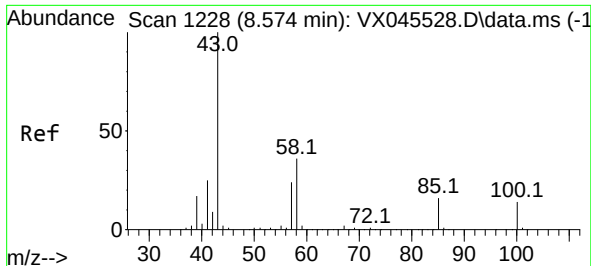
Tgt Ion:117 Resp: 7458
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion: 98 Resp: 155753
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

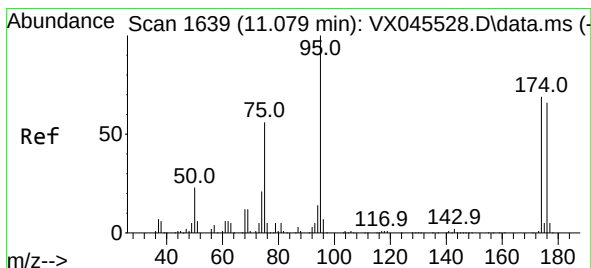
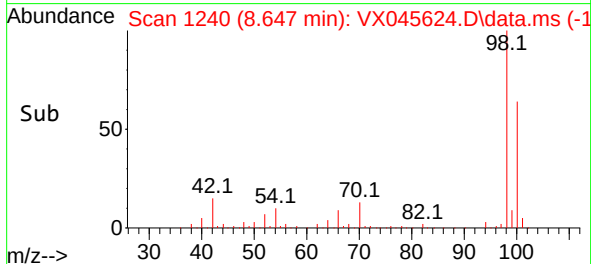
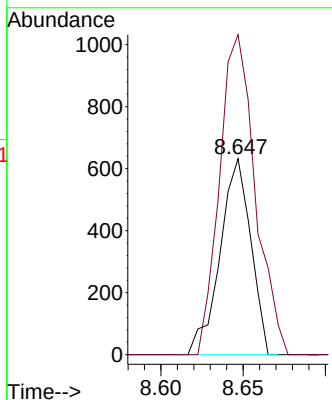
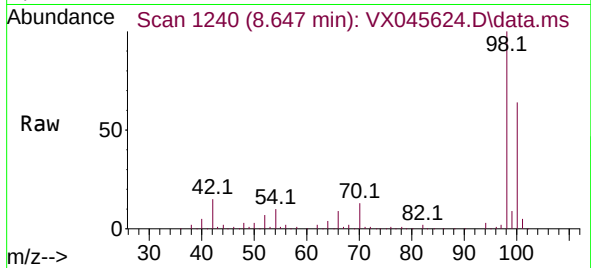




#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

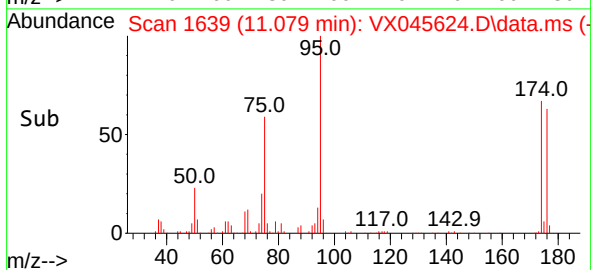
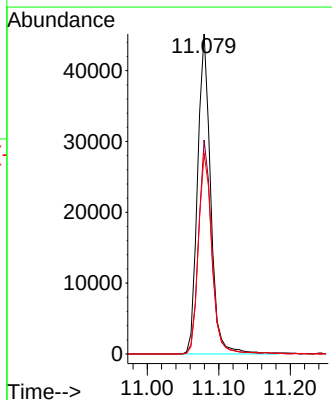
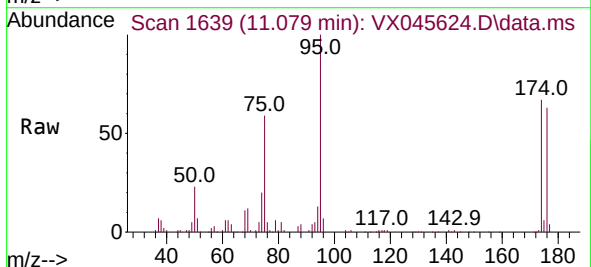
Instrument :
MSVOA_X
ClientSampleId :
TB01-040425

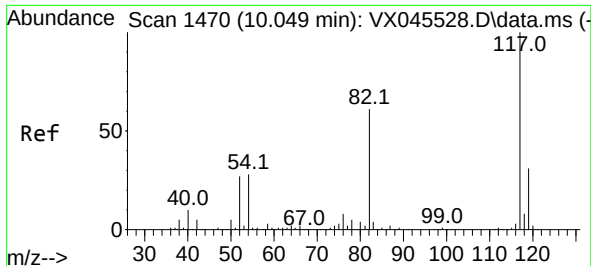
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 189.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 50.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion: 95 Resp: 57166
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 65.2 0.0 131.4

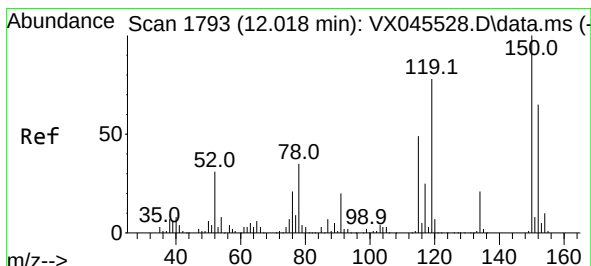
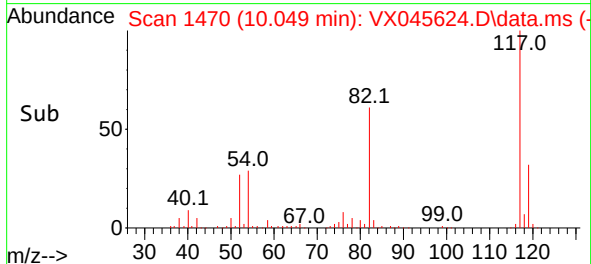
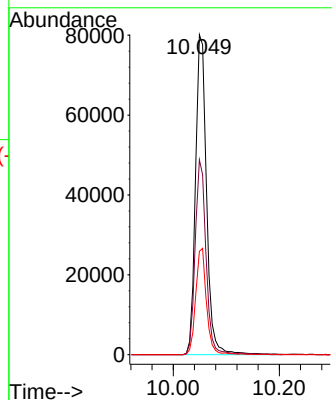
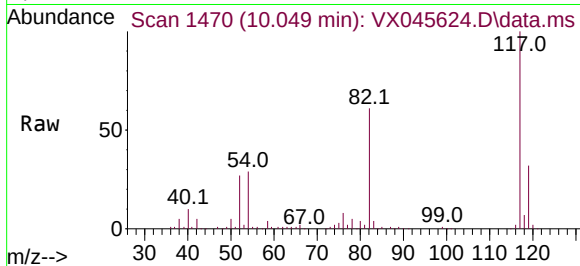




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

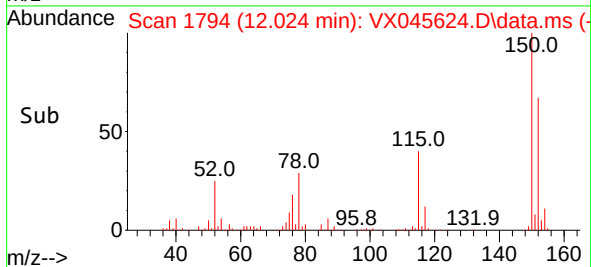
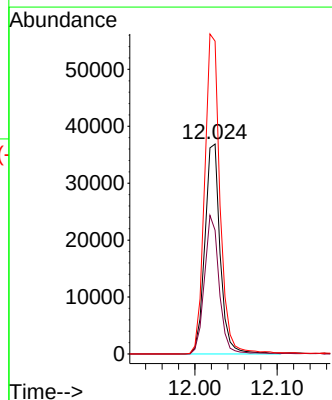
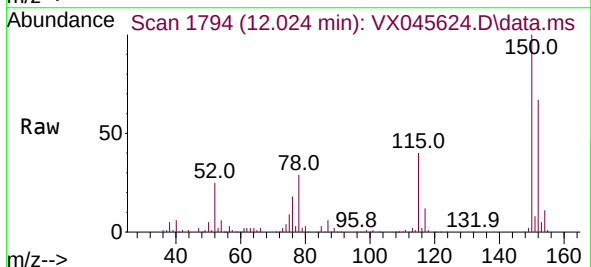
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MSVOA_X
ClientSampleId :
TB01-040425

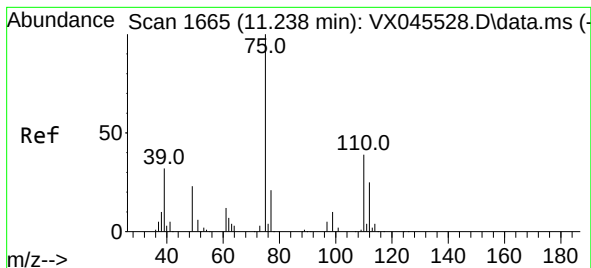
Tgt Ion:117 Resp: 116015
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045624.D
Acq: 07 Apr 2025 13:19

Tgt Ion:152 Resp: 47648
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 154.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045624.D

Acq: 07 Apr 2025 13:19

Instrument :

MSVOA_X

ClientSampleId :

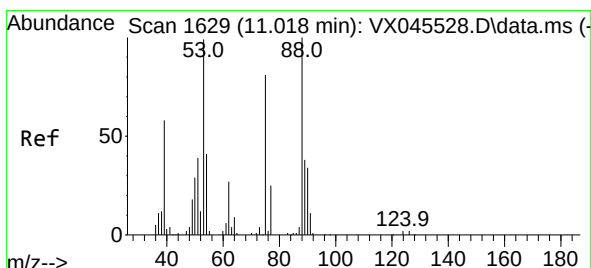
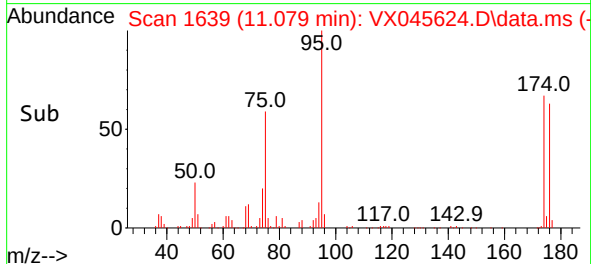
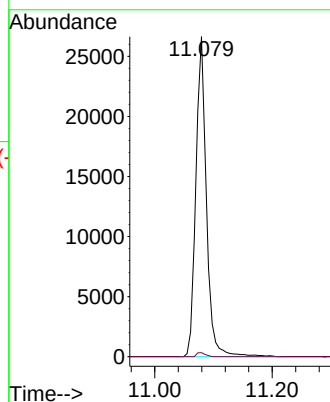
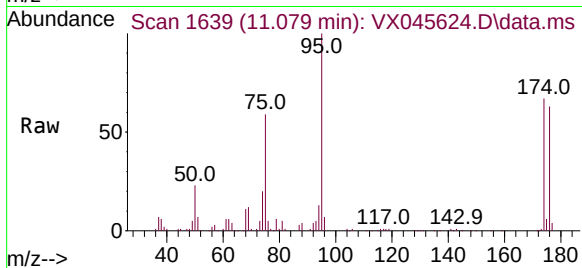
TB01-040425

Tgt Ion: 75 Resp: 33277

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.172 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045624.D

Acq: 07 Apr 2025 13:19

Tgt Ion: 75 Resp: 33277

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

