

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046285.D
 Acq On : 21 May 2025 10:22
 Operator : JC/MD
 Sample : VX0521MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBL01

Quant Time: May 22 01:45:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	63482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46128	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	61333	51.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	5.379	113	45339	51.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	8.646	98	152832	50.017	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	56671	48.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.700%	

Target Compounds

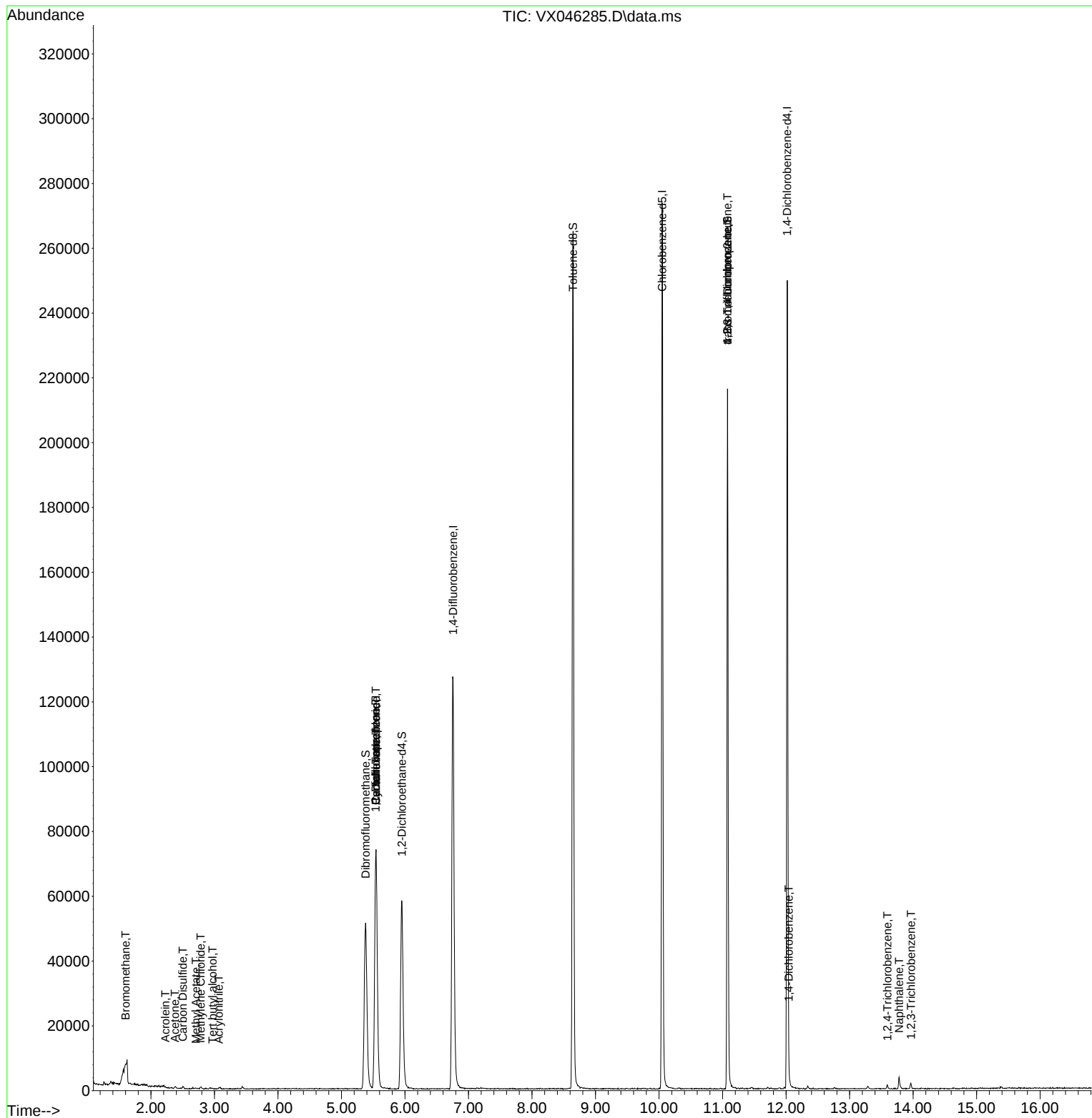
						Qvalue
5) Bromomethane	1.599	94	154	0.379	ug/l	94
11) Tert butyl alcohol	2.971	59	64	0.385	ug/l #	72
13) Acrolein	2.227	56	192	1.015	ug/l #	43
15) Acrylonitrile	3.068	53	200	0.421	ug/l #	81
16) Acetone	2.379	43	619	1.304	ug/l #	75
17) Carbon Disulfide	2.501	76	767	0.430	ug/l #	92
18) Methyl Acetate	2.708	43	342	0.311	ug/l #	55
20) Methylene Chloride	2.782	84	273	0.300	ug/l #	60
31) Cyclohexane	5.543	56	1899	1.346	ug/l #	13
36) 1,1-Dichloropropene	5.537	75	6340	5.345	ug/l #	48
38) Carbon Tetrachloride	5.543	117	7449	5.589	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	33056	29.772	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33056	96.927	ug/l #	1
88) 1,4-Dichlorobenzene	12.042	146	344	0.221	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.597	180	434	0.495	ug/l	78
95) Naphthalene	13.780	128	3166	0.984	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	600	0.663	ug/l	98

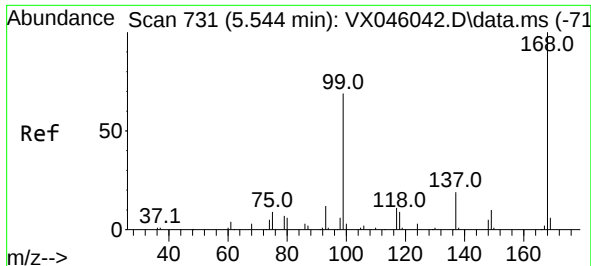
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046285.D
Acq On : 21 May 2025 10:22
Operator : JC/MD
Sample : VX0521MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

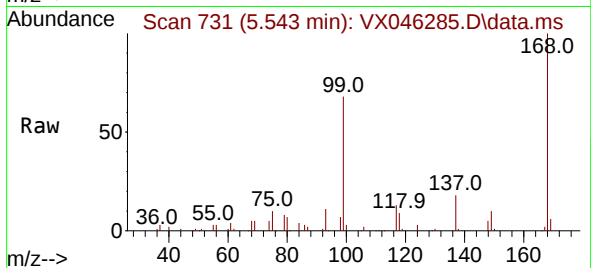
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



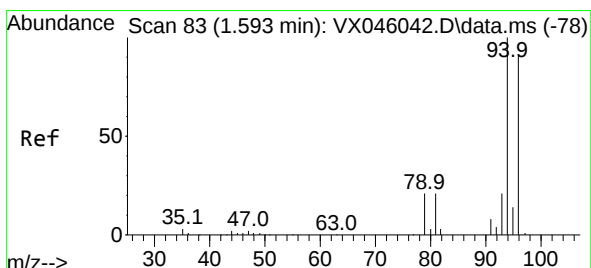
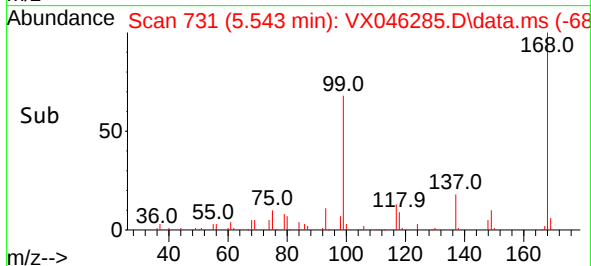
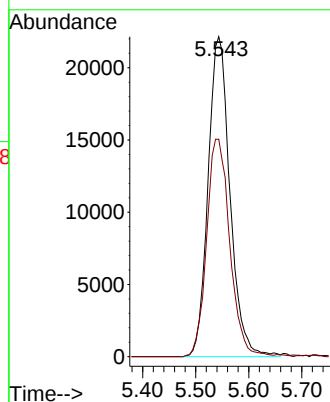


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

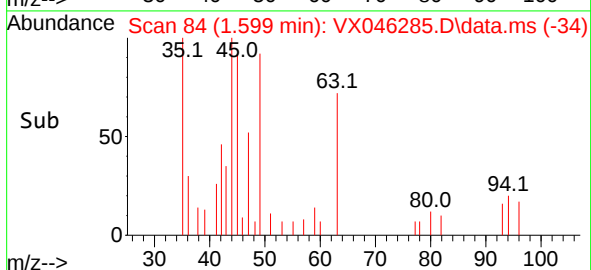
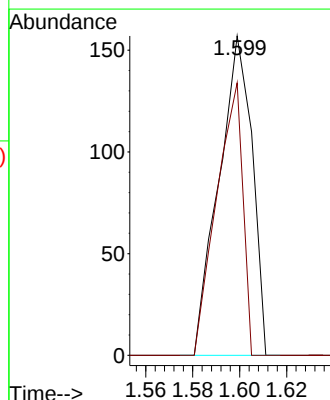
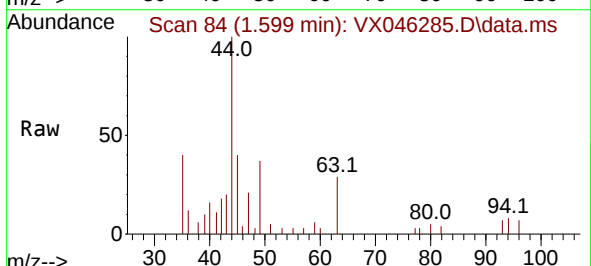


Tgt Ion:168 Resp: 63482
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3



#5
Bromomethane
Concen: 0.379 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 85.4 72.8 109.2

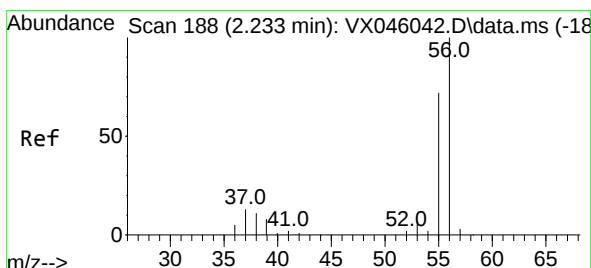
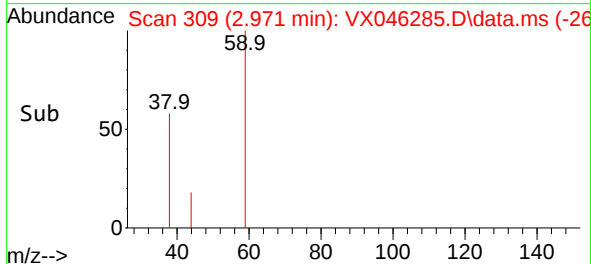
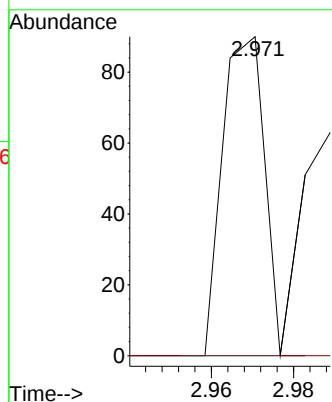
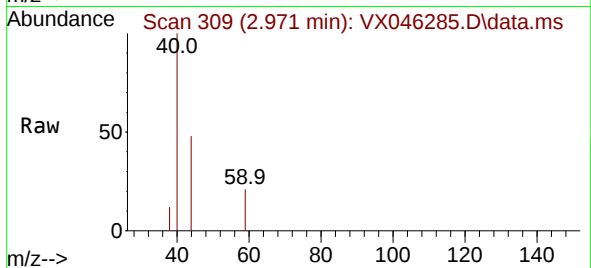




#11
Tert butyl alcohol
Concen: 0.385 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

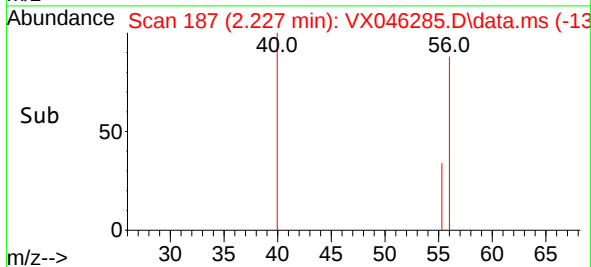
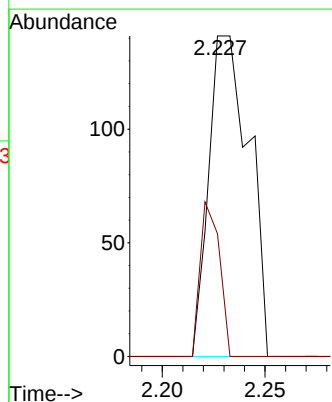
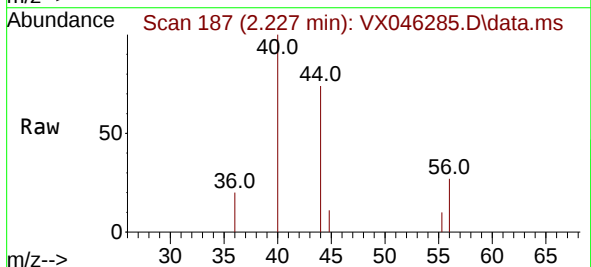
Instrument :
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ClientSampleId :
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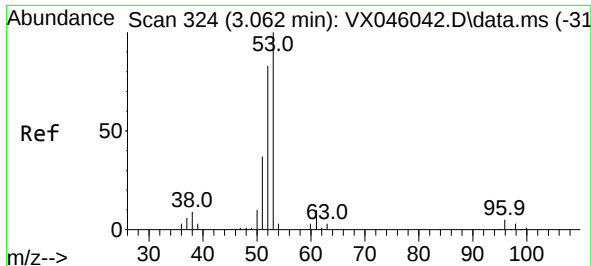
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 1.015 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
55 23.4 56.2 84.4#

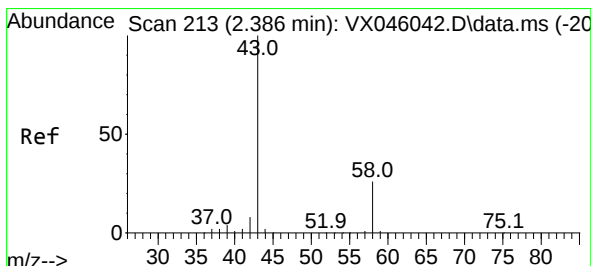
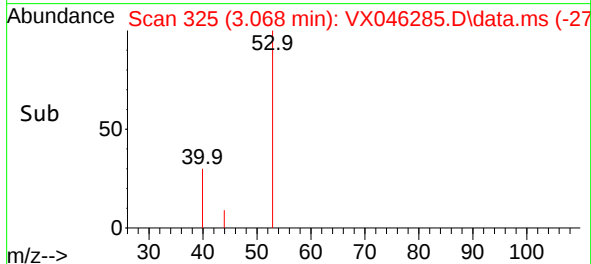
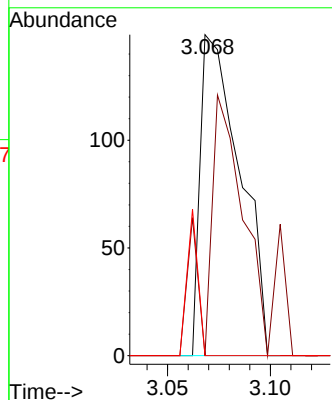
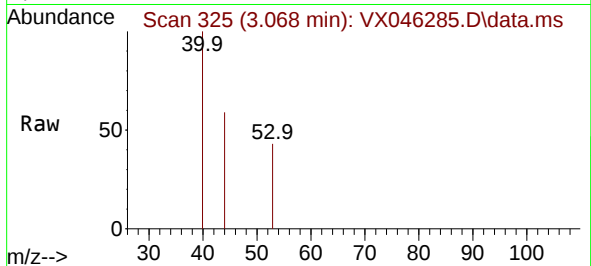




#15
Acrylonitrile
Concen: 0.421 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

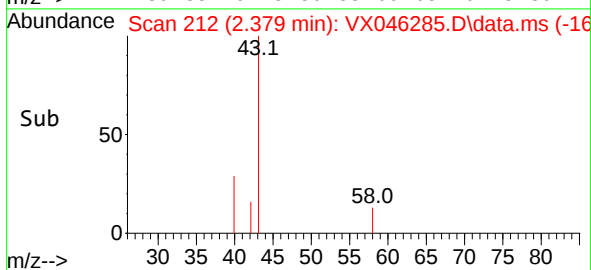
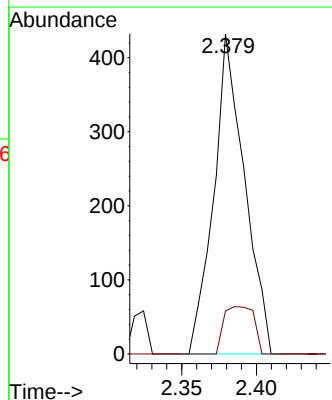
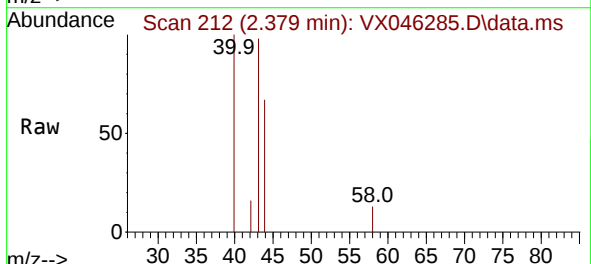
Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

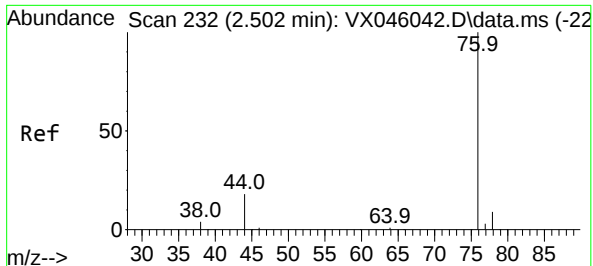
Tgt Ion: 53 Resp: 200
Ion Ratio Lower Upper
53 100
52 73.5 65.3 97.9
51 12.5 29.8 44.8#



#16
Acetone
Concen: 1.304 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 13.4 21.2 31.8#

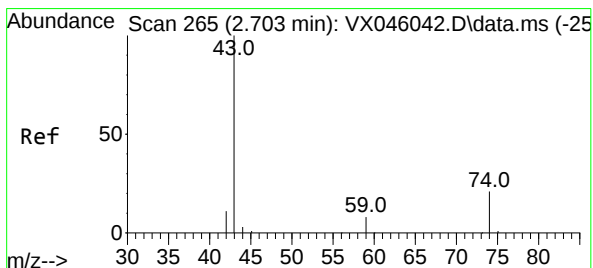
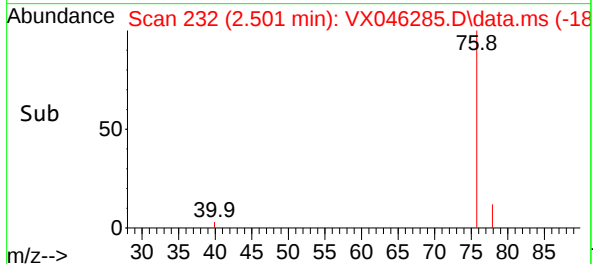
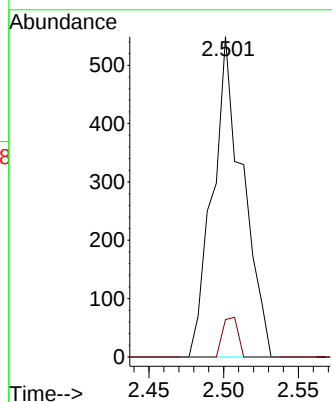
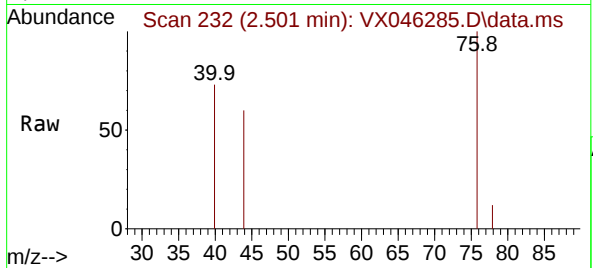




#17
Carbon Disulfide
Concen: 0.430 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

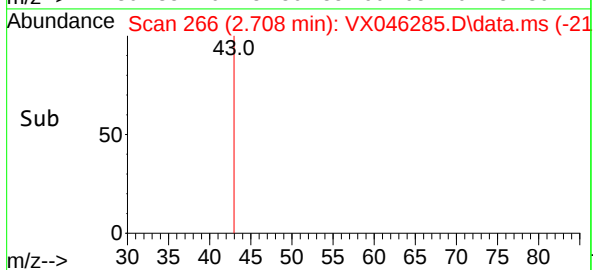
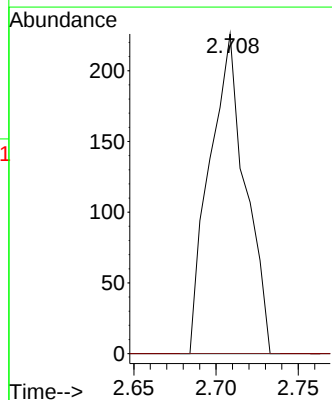
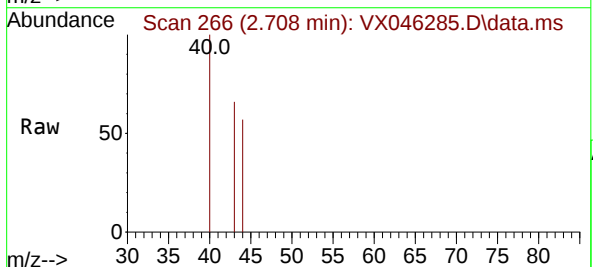
Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

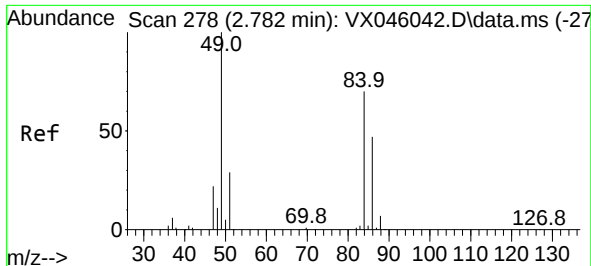
Tgt Ion: 76 Resp: 767
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.4#



#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

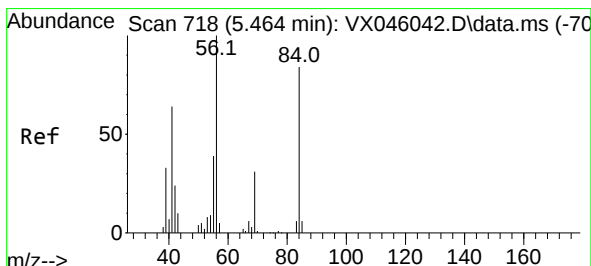
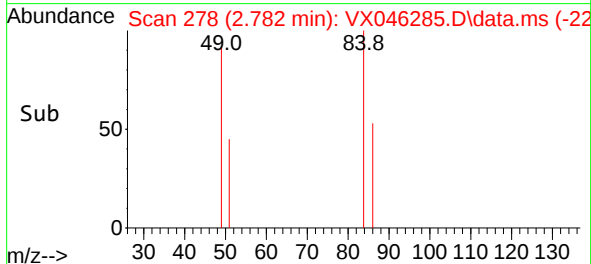
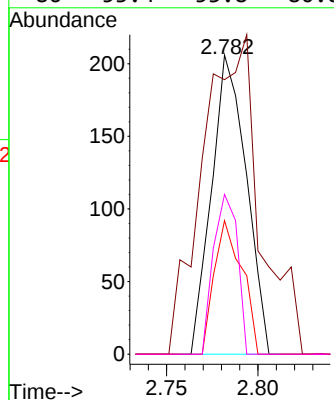
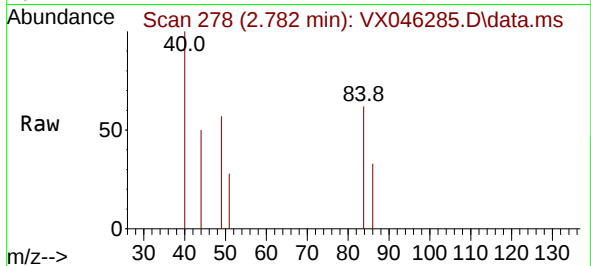




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

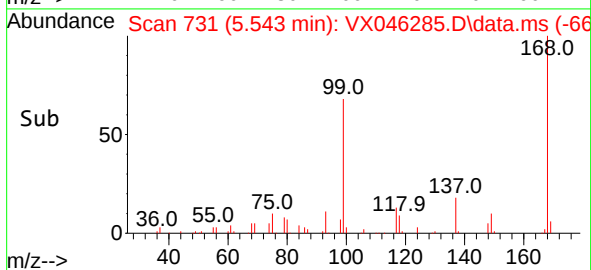
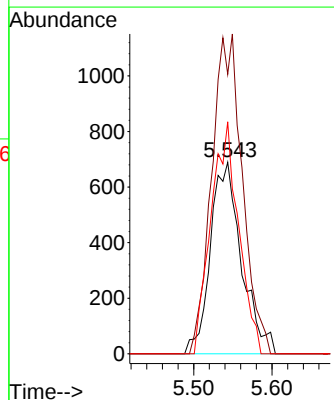
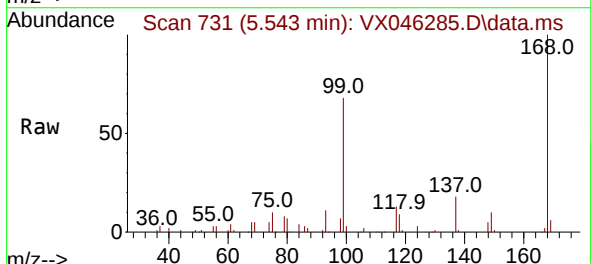
Instrument :
MSVOA_X
ClientSampleId :
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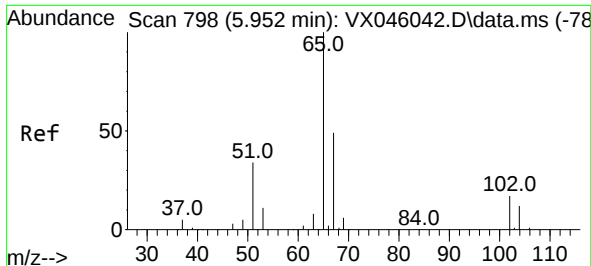
Tgt Ion: 84 Resp: 273
Ion Ratio Lower Upper
84 100
49 67.0 113.9 170.9#
51 44.7 33.5 50.3
86 53.4 53.8 80.8#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 56 Resp: 1899
Ion Ratio Lower Upper
56 100
69 146.0 24.4 36.6#
84 121.2 66.9 100.3#

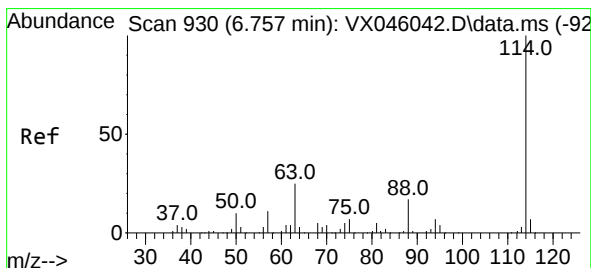
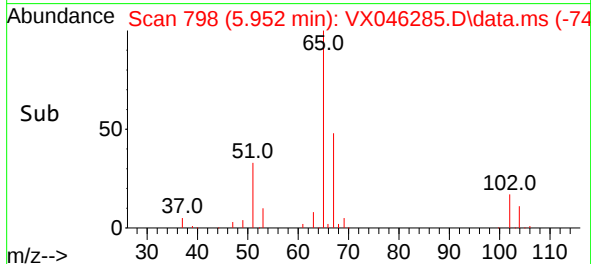
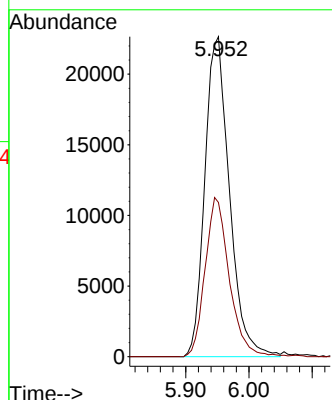
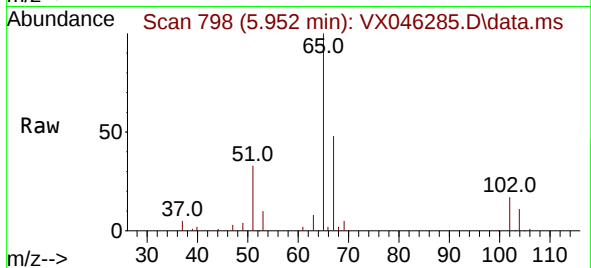




#33
 1,2-Dichloroethane-d4
 Concen: 51.823 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

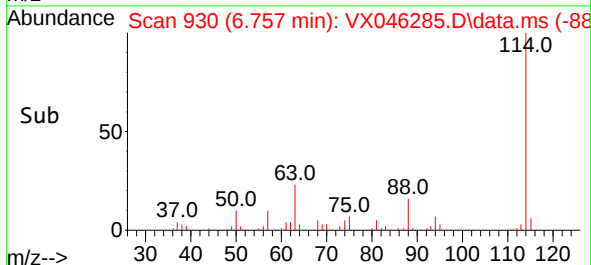
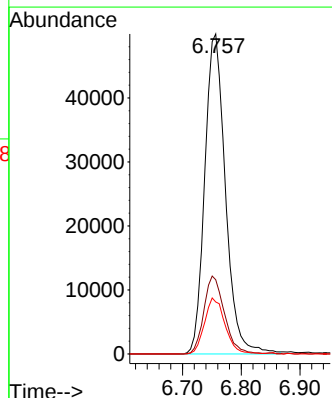
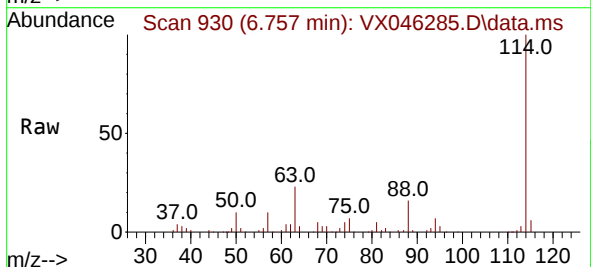
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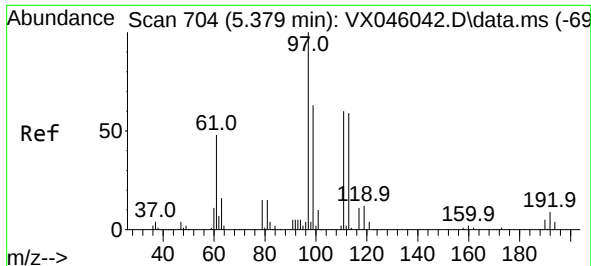
Tgt Ion: 65 Resp: 61333
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

Tgt Ion: 114 Resp: 122597
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 49.2
 88 16.3 0.0 33.6

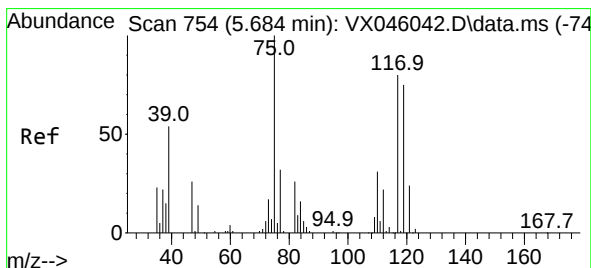
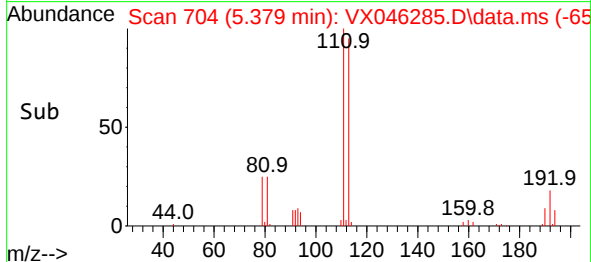
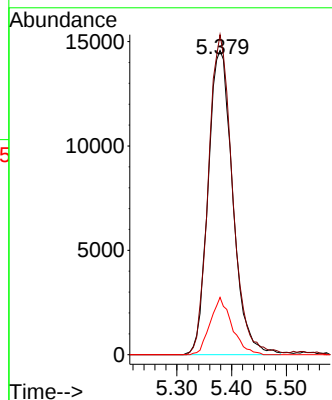
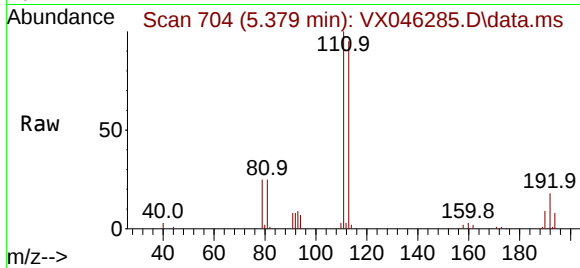




#35
Dibromofluoromethane
Concen: 51.357 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

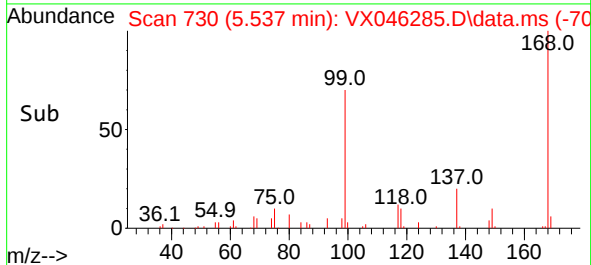
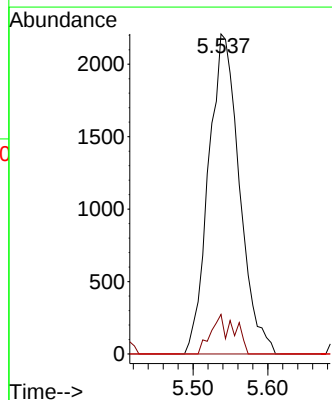
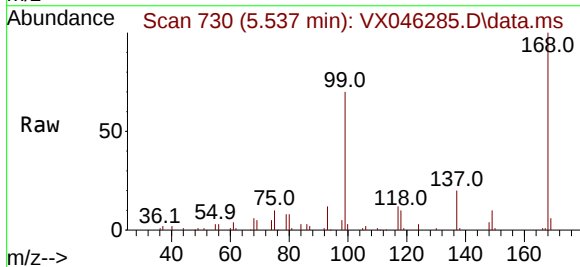
Instrument :
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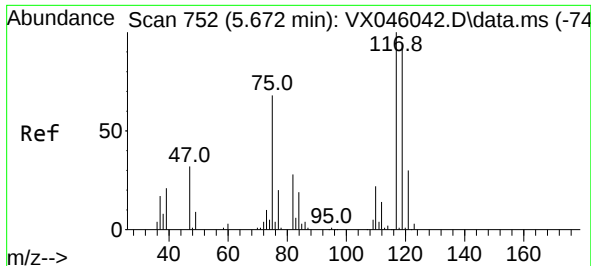
Tgt Ion:113 Resp: 45339
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

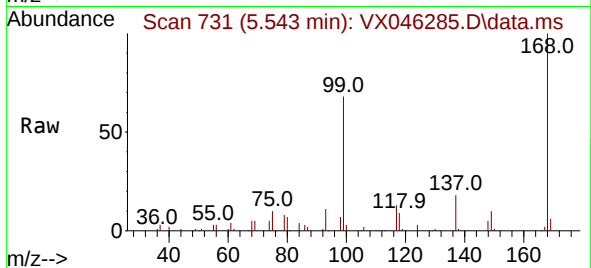
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Ion Ratio Lower Upper
75 100
110 5.4 16.3 48.9#
77 0.0 24.3 36.5#



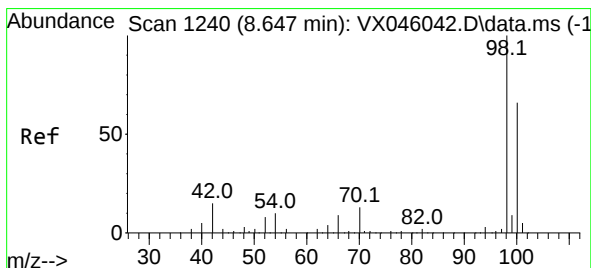
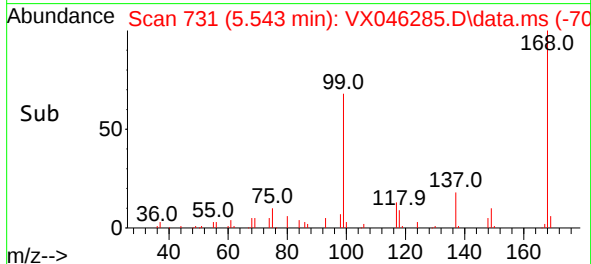
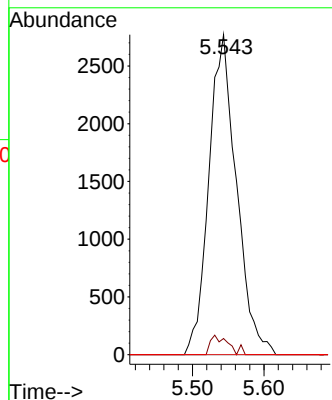


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

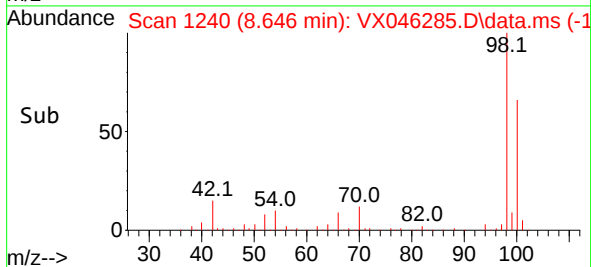
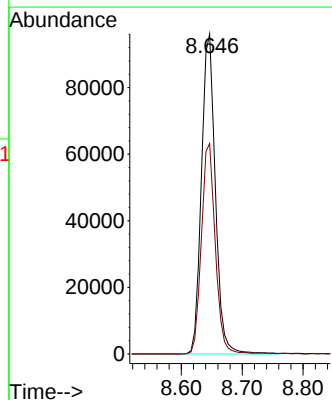
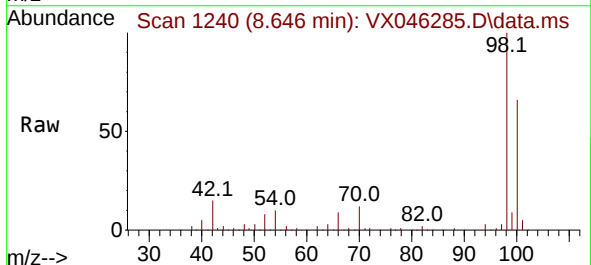


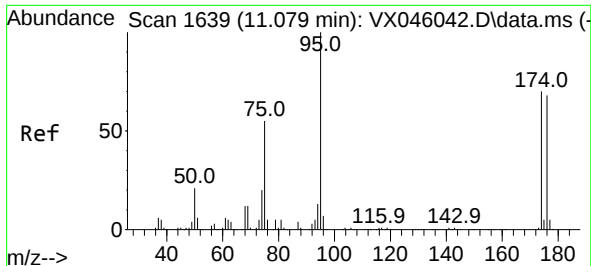
Tgt Ion:117 Resp: 7449
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.017 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 98 Resp: 152832
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

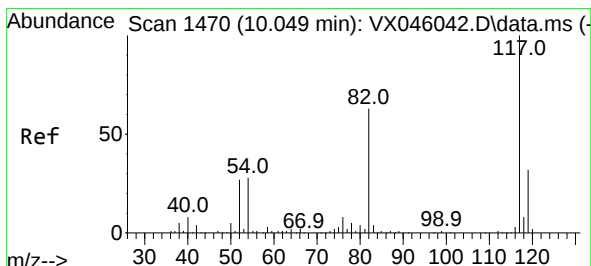
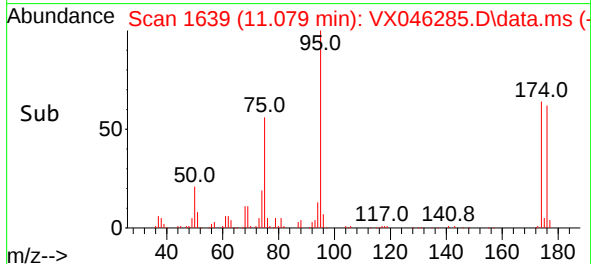
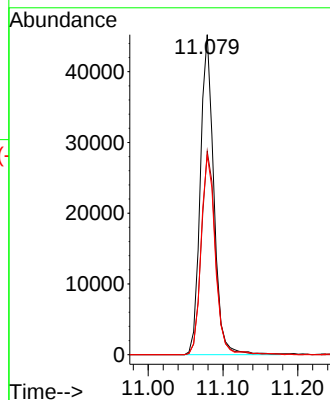
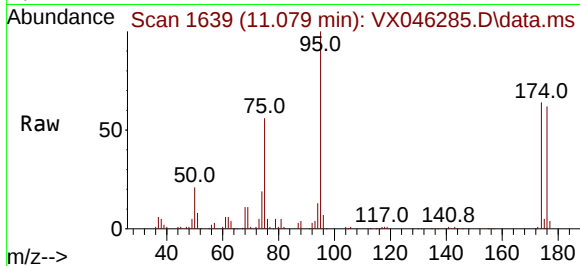




#62
4-Bromofluorobenzene
Concen: 48.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

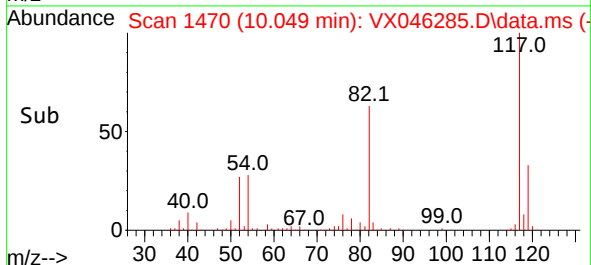
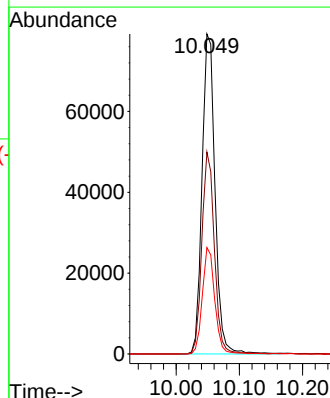
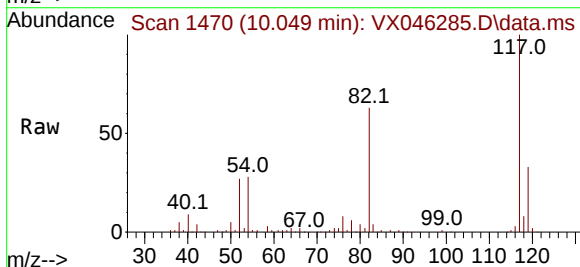
Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

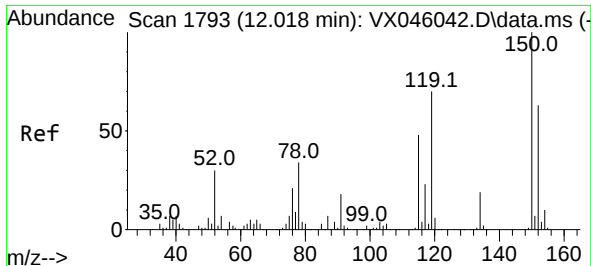
Tgt Ion: 95 Resp: 56671
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 65.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

Tgt Ion: 117 Resp: 113349
Ion Ratio Lower Upper
117 100
82 63.1 50.6 76.0
119 33.2 25.8 38.6

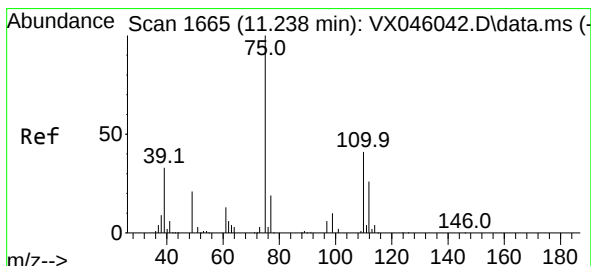
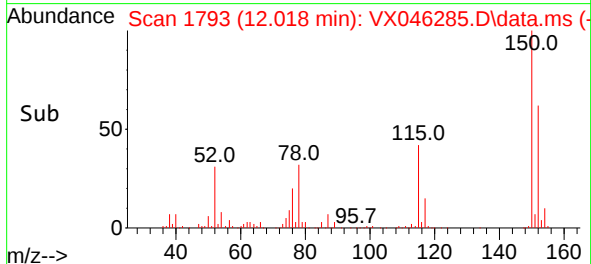
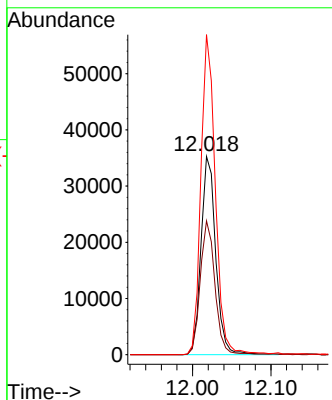
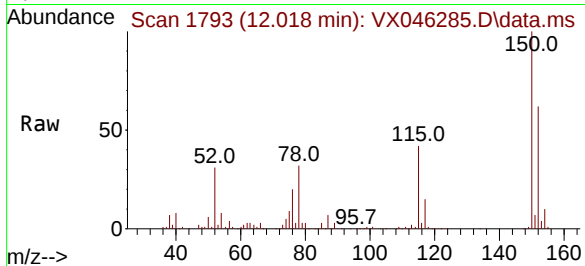




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

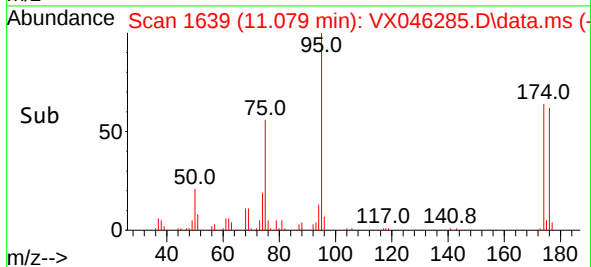
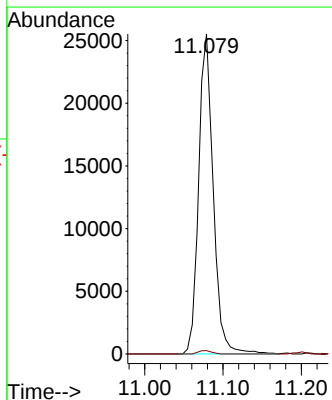
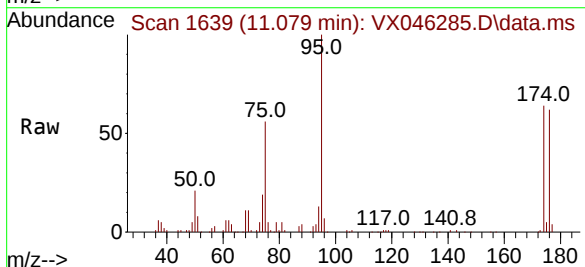
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBL01

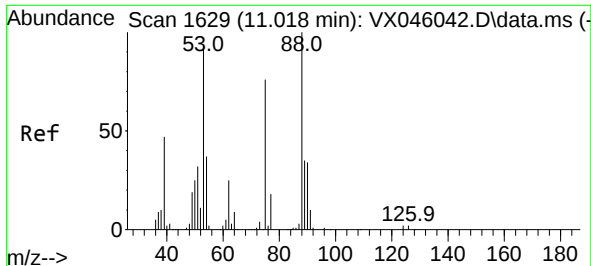
Tgt Ion:152 Resp: 46128
 Ion Ratio Lower Upper
 152 100
 115 67.3 46.9 140.7
 150 158.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.772 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

Tgt Ion: 75 Resp: 33056
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#

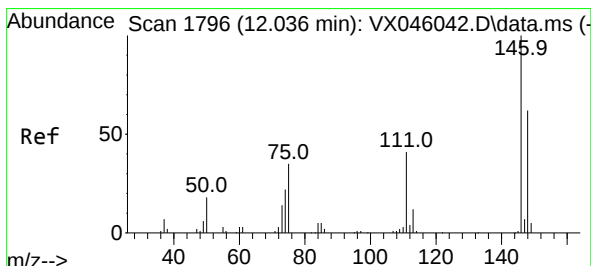
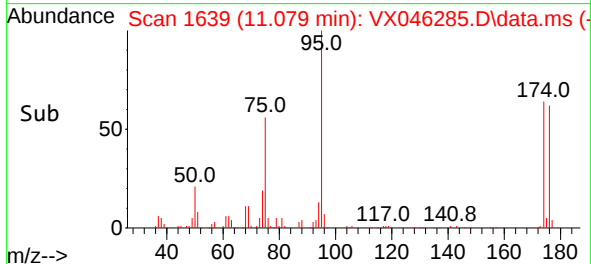
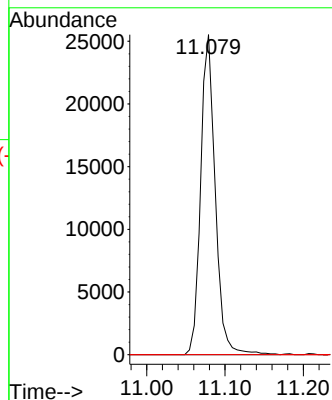
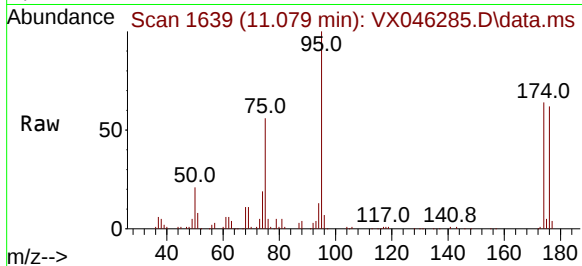




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.927 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

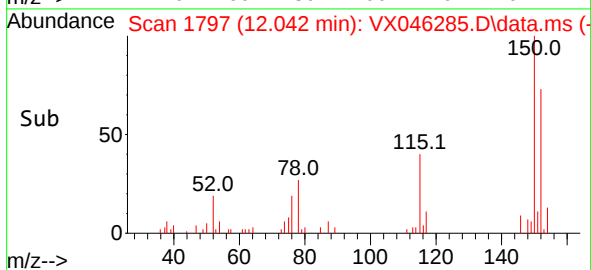
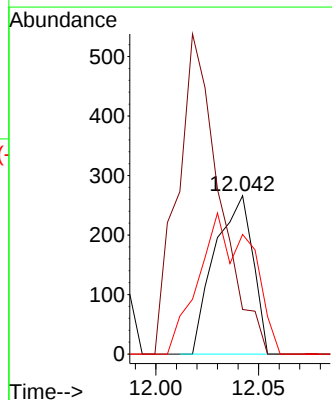
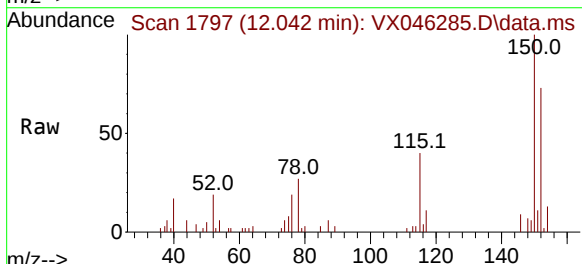
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBL01

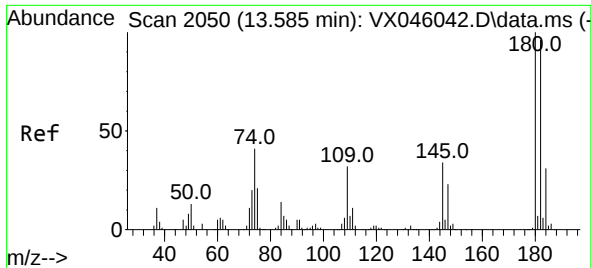
Tgt Ion: 75 Resp: 33056
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#88
 1,4-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

Tgt Ion:146 Resp: 344
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.3 63.9#
 148 121.8 31.9 95.5#

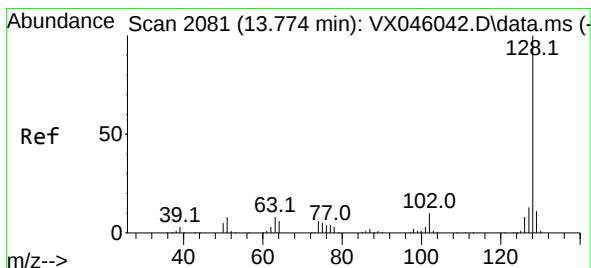
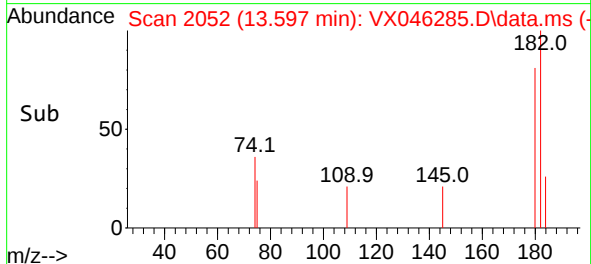
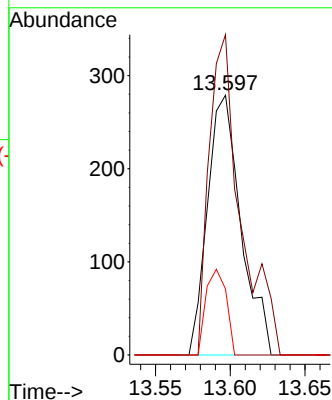
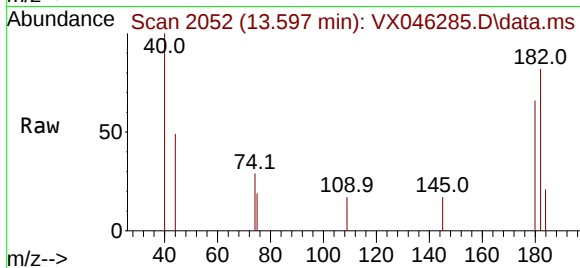




#93
1,2,4-Trichlorobenzene
Concen: 0.495 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

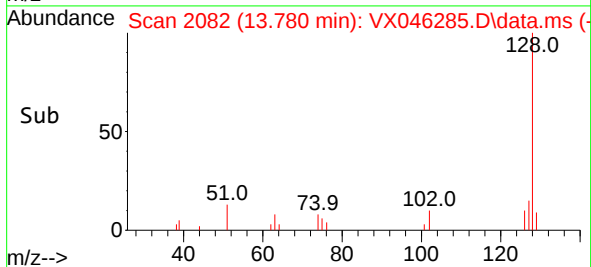
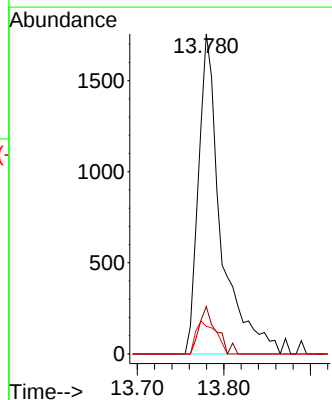
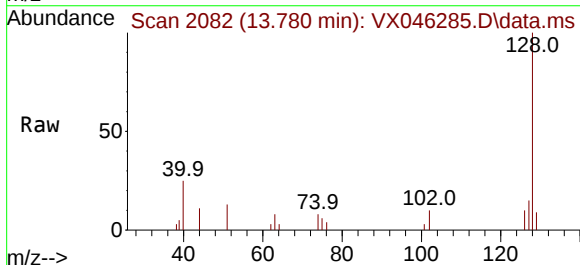
Instrument :
MSVOA_X
ClientSampleId :
VX0521MBL01

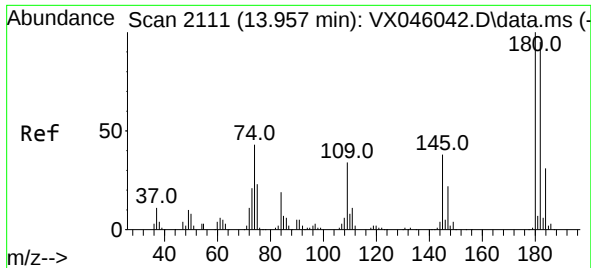
Tgt Ion:180 Resp: 434
Ion Ratio Lower Upper
180 100
182 116.1 47.9 143.8
145 20.0 17.1 51.2



#95
Naphthalene
Concen: 0.984 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046285.D
Acq: 21 May 2025 10:22

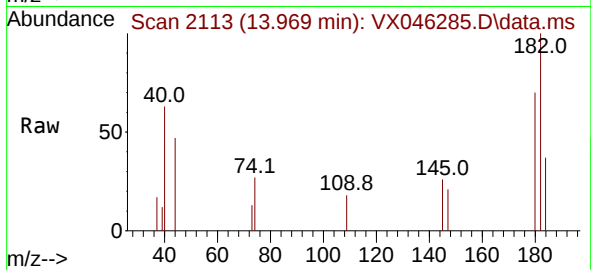
Tgt Ion:128 Resp: 3166
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 9.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.663 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX046285.D
 Acq: 21 May 2025 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBL01



Tgt Ion:180	Resp:	600	
Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.8	143.3
145	36.2	18.1	54.3

