

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045748.D
 Acq On : 11 Apr 2025 17:47
 Operator : JC/MD
 Sample : Q1790-01 20X
 Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025

Quant Time: Apr 11 23:07:01 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)

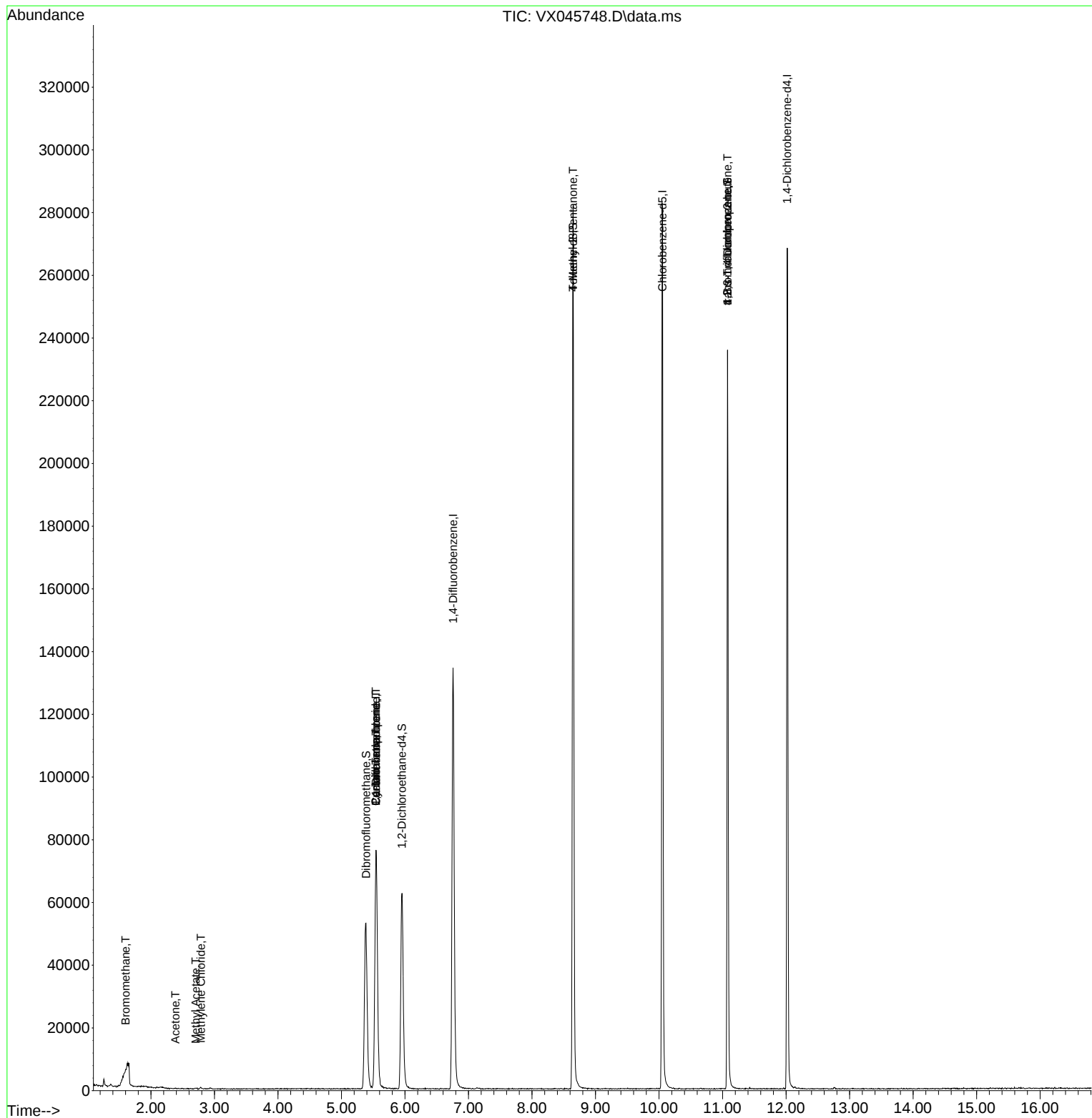
Internal Standards						
1) Pentafluorobenzene	5.543	168	64435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	129259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66310	56.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.540%	
35) Dibromofluoromethane	5.385	113	46613	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	8.646	98	159816	49.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	60010	51.468	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	91	0.212	ug/l #	3
16) Acetone	2.385	43	210	0.434	ug/l #	47
18) Methyl Acetate	2.702	43	344	0.309	ug/l #	54
20) Methylene Chloride	2.788	84	189	0.209	ug/l #	63
31) Cyclohexane	5.543	56	2061	1.426	ug/l #	36
36) 1,1-Dichloropropene	5.543	75	6519	5.265	ug/l #	51
38) Carbon Tetrachloride	5.543	117	7628	5.700	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	965	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34902	28.938	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34902	98.211	ug/l #	1

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

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Sample : Q1790-01 20X
Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

Quant Time: Apr 11 23:07:01 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

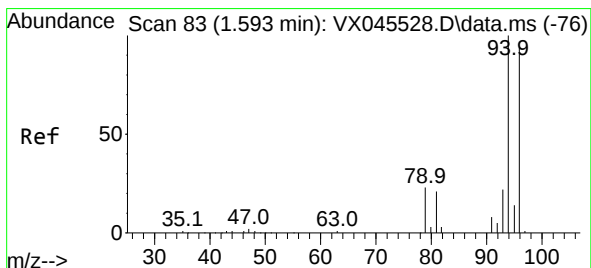
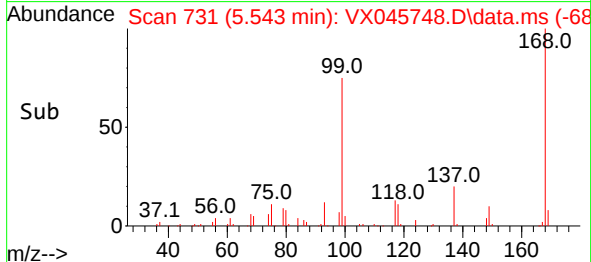
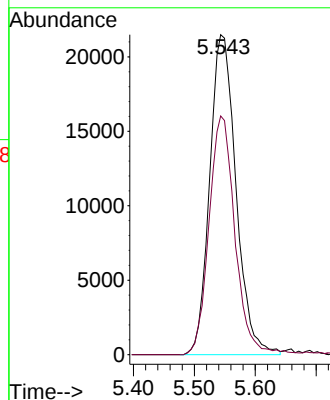
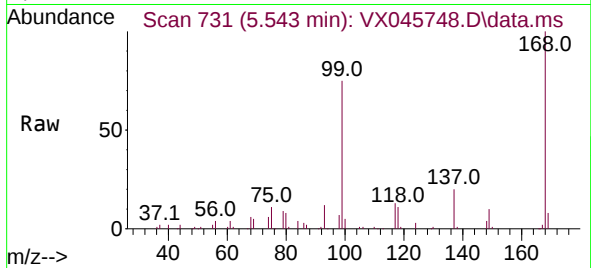




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

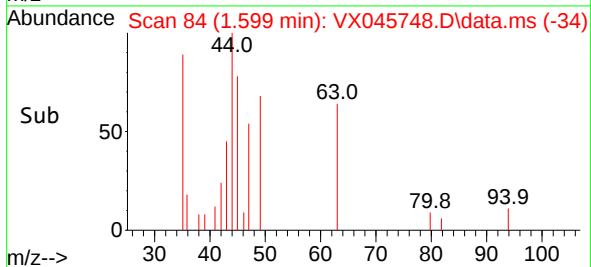
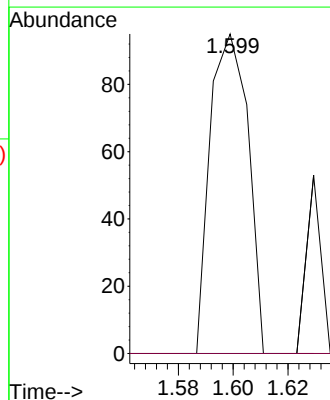
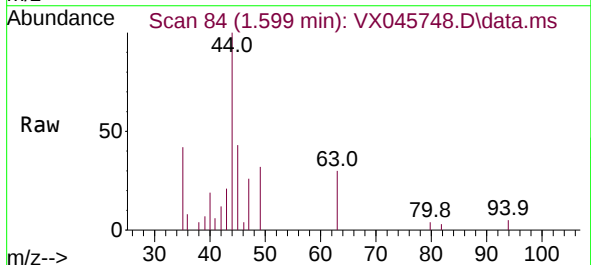
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

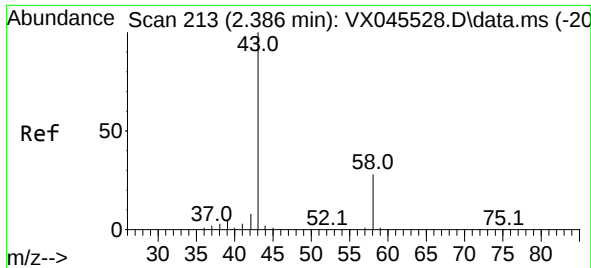
Tgt Ion:168 Resp: 64435
Ion Ratio Lower Upper
168 100
99 74.6 52.3 78.5



#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

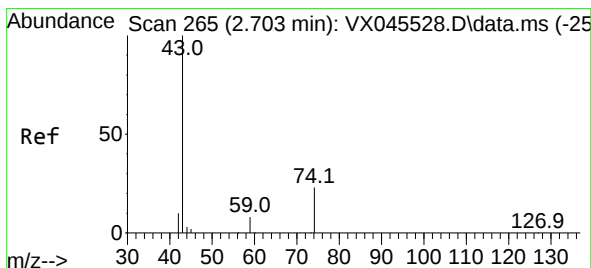
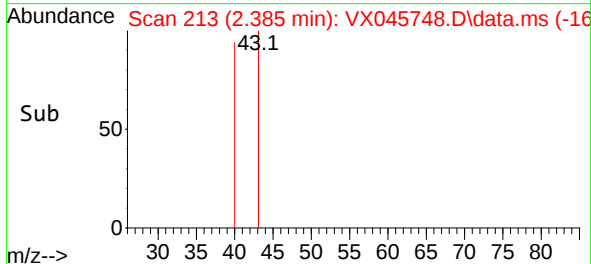
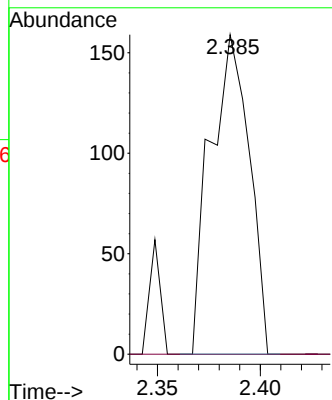
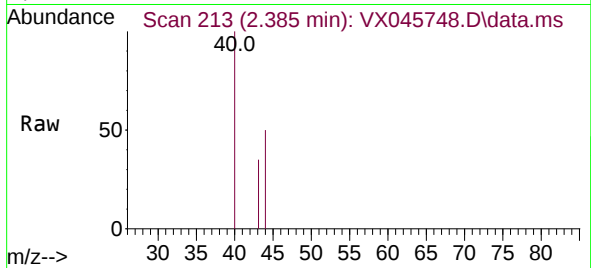




#16
Acetone
Concen: 0.434 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

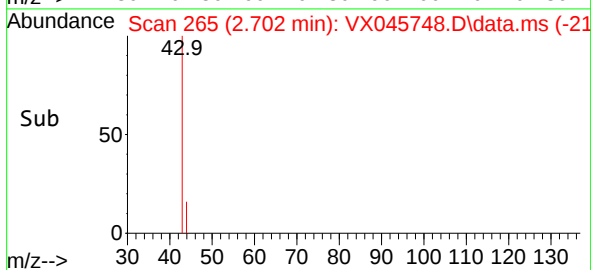
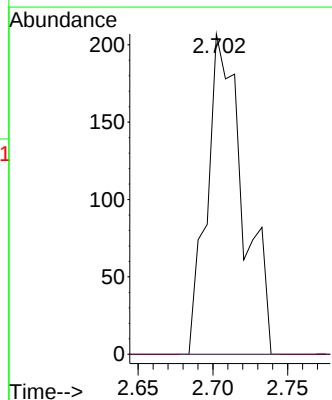
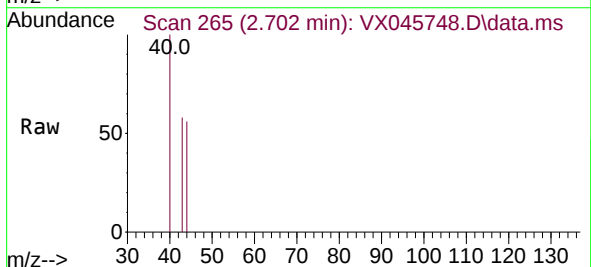
Instrument : MSVOA_X
ClientSampleId : S-872-G1-SO-20.0-20.5-041025

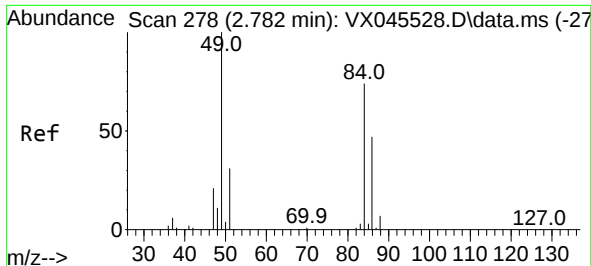
Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

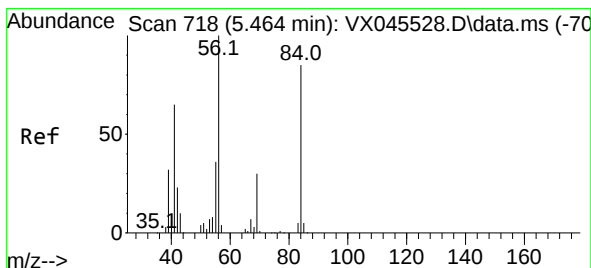
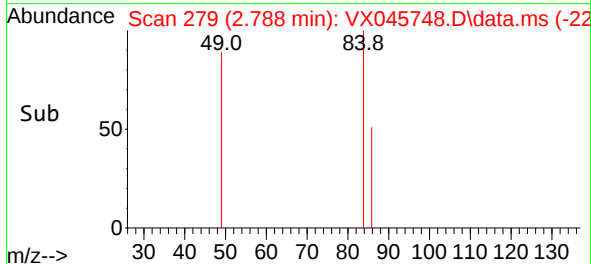
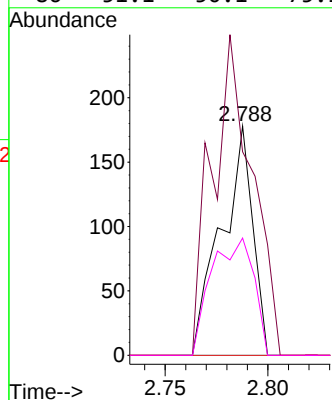
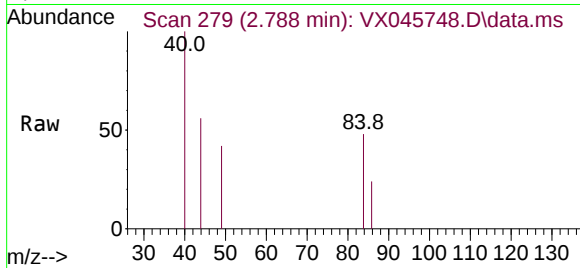




#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

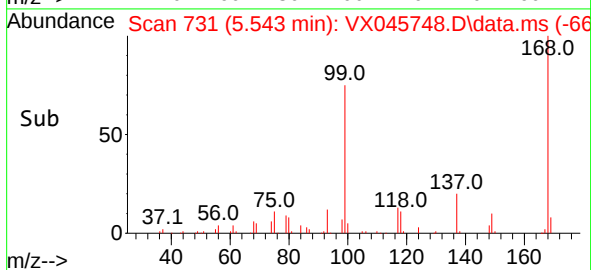
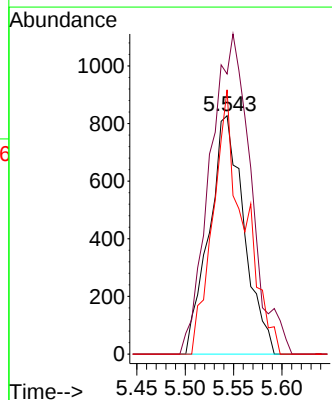
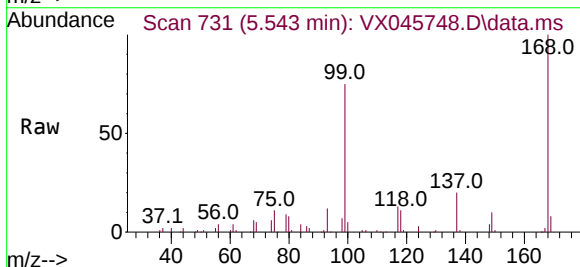
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

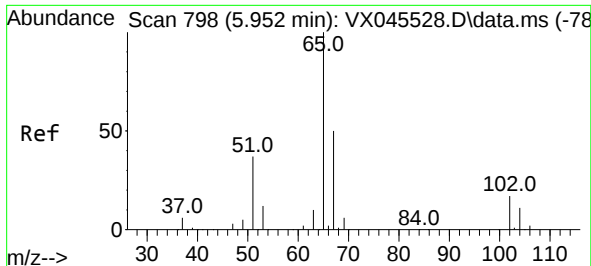
Tgt Ion:	84	Resp:	189
Ion	Ratio	Lower	Upper
84	100		
49	88.8	107.5	161.3#
51	0.0	33.0	49.6#
86	51.1	50.1	75.1



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion:	56	Resp:	2061
Ion	Ratio	Lower	Upper
56	100		
69	117.5	23.6	35.4#
84	110.9	67.7	101.5#





#33

1,2-Dichloroethane-d4

Concen: 56.274 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045748.D

Acq: 11 Apr 2025 17:47

Instrument :

MSVOA_X

ClientSampleId :

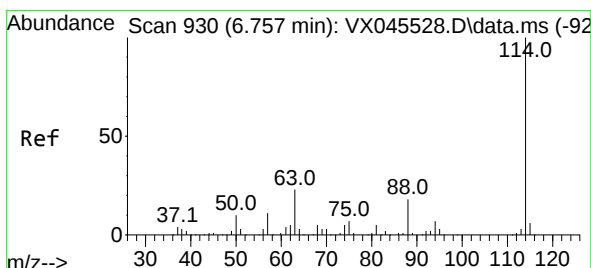
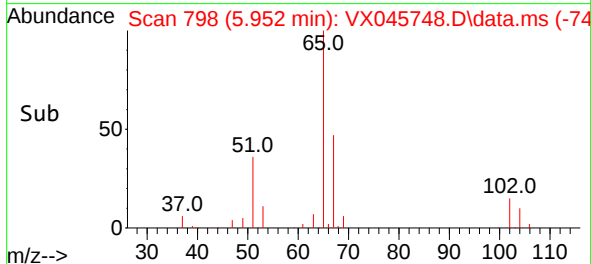
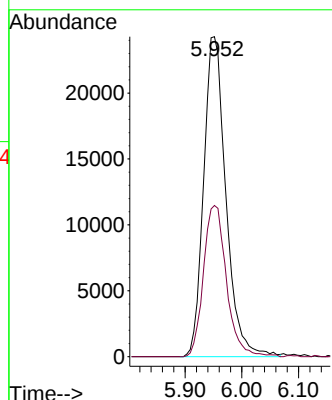
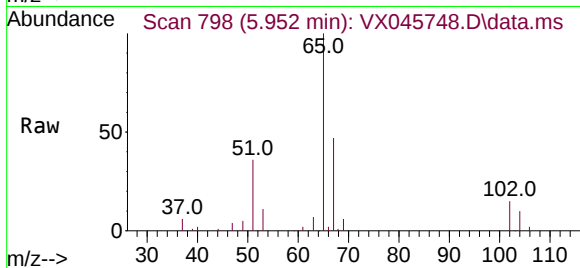
S-872-G1-SO-20.0-20.5-041025

Tgt Ion: 65 Resp: 66310

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045748.D

Acq: 11 Apr 2025 17:47

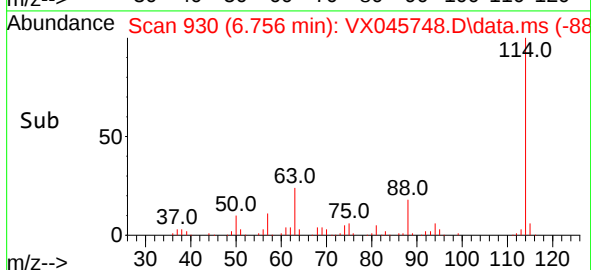
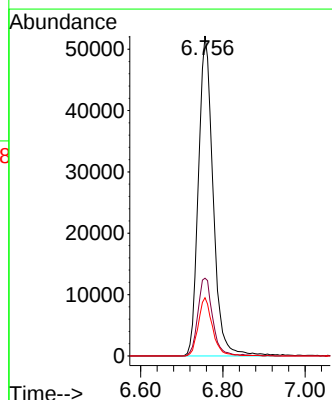
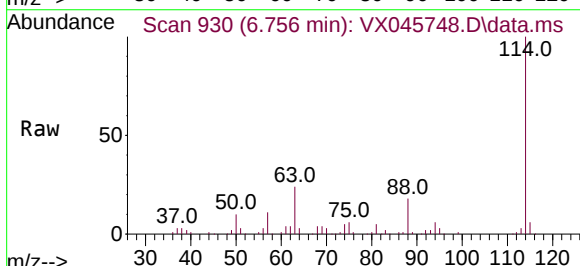
Tgt Ion: 114 Resp: 129259

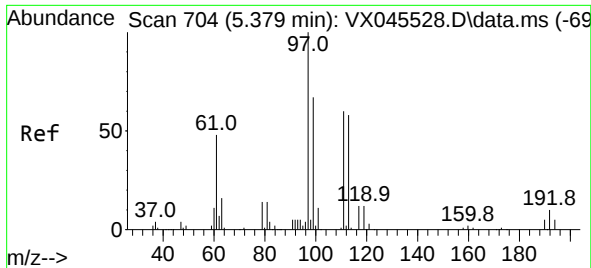
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 18.2 0.0 35.4

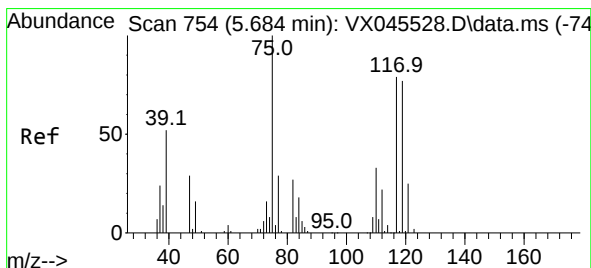
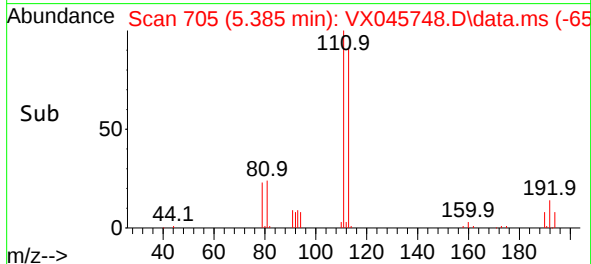
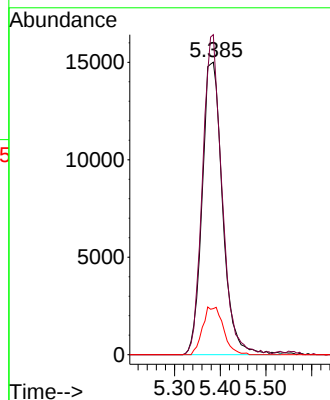
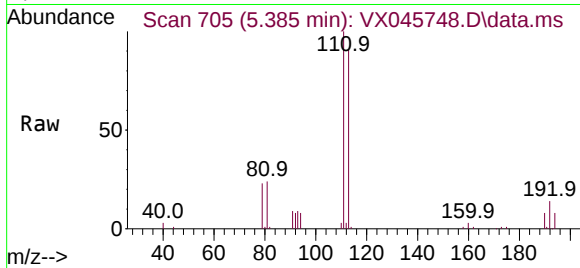




#35
Dibromofluoromethane
Concen: 50.827 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

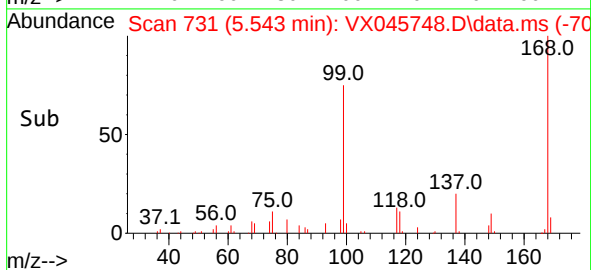
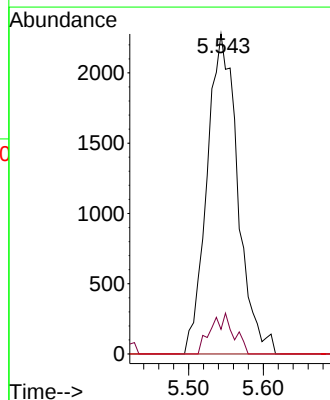
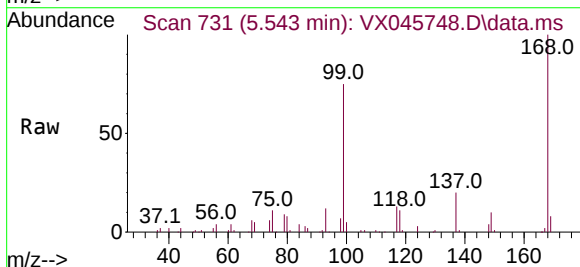
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

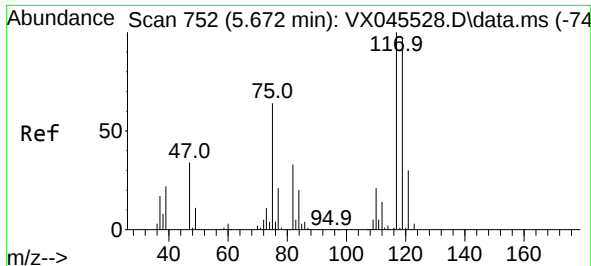
Tgt Ion:	113	Resp:	46613
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.6
192	16.6	13.8	20.6



#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

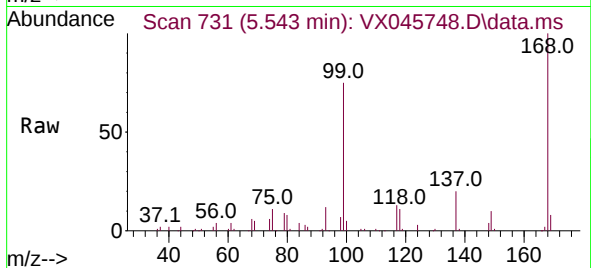
Tgt Ion:	75	Resp:	6519
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.9	50.6#
77	0.0	25.0	37.4#



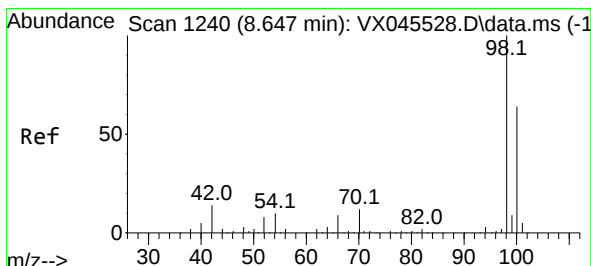
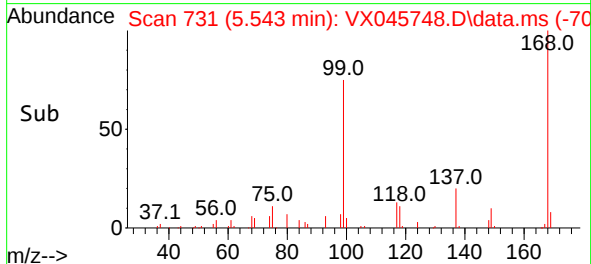
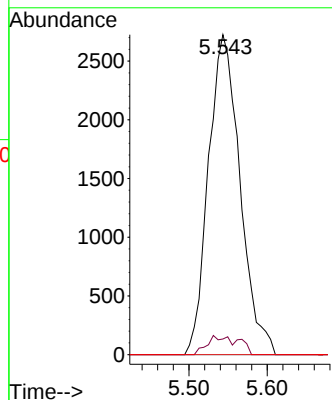


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

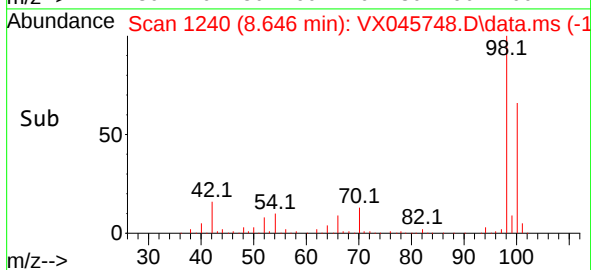
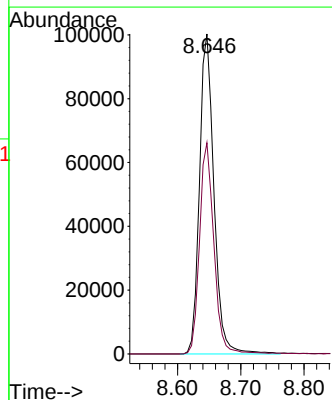
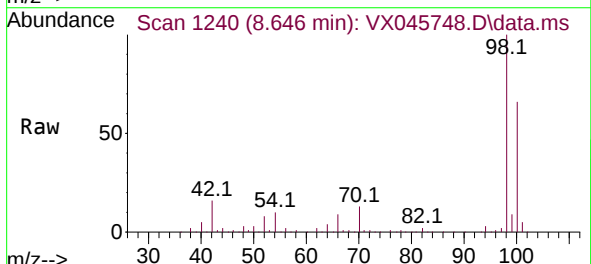


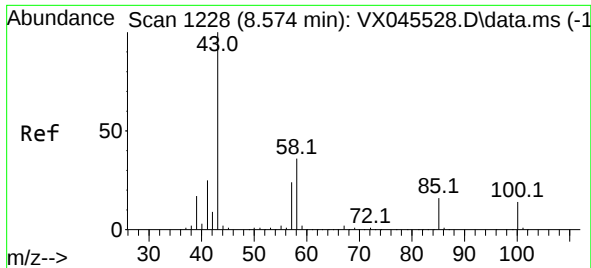
Tgt Ion:117 Resp: 7628
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.927 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion: 98 Resp: 159816
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

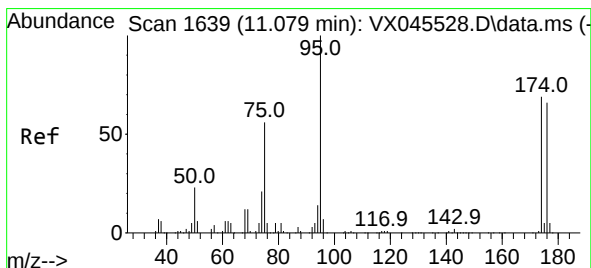
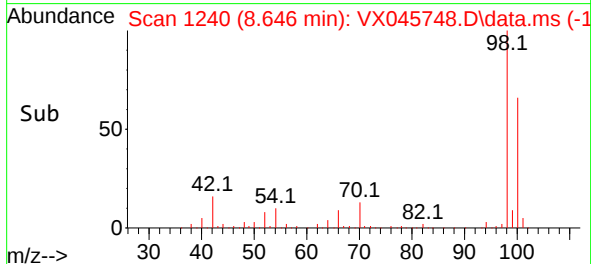
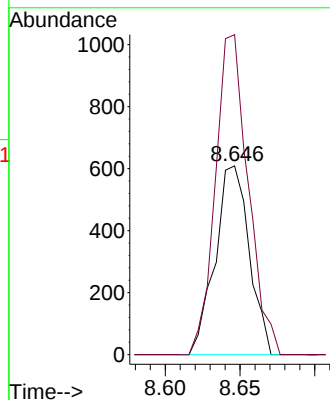
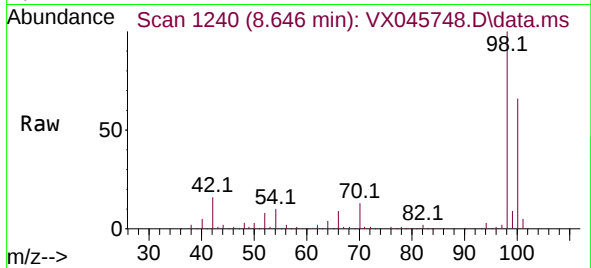




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

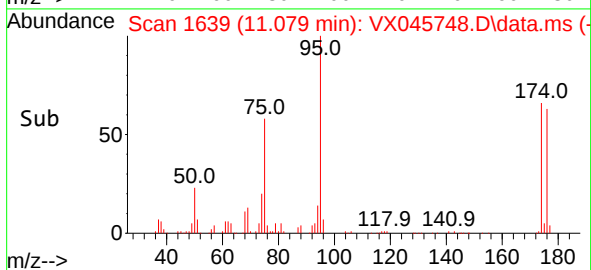
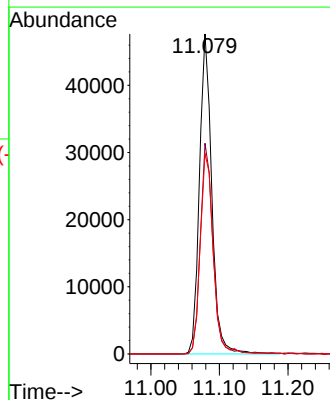
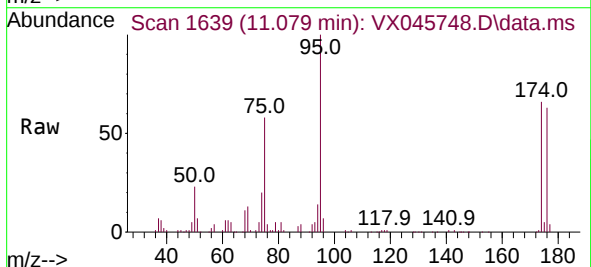
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

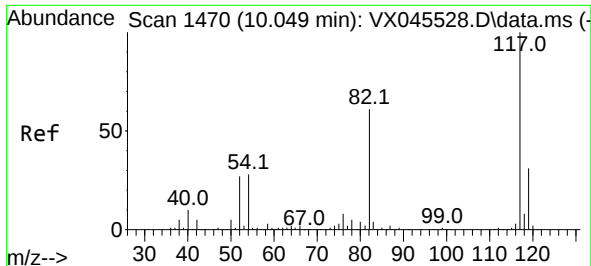
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 162.9 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion: 95 Resp: 60010
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 66.0 0.0 131.4

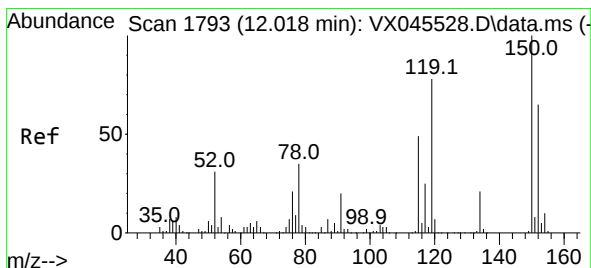
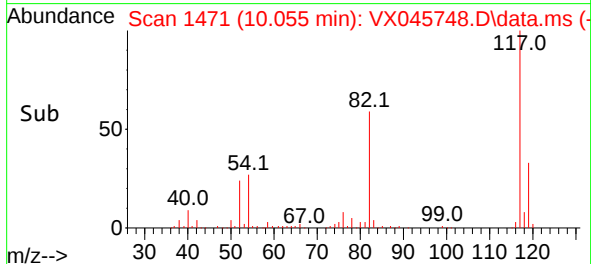
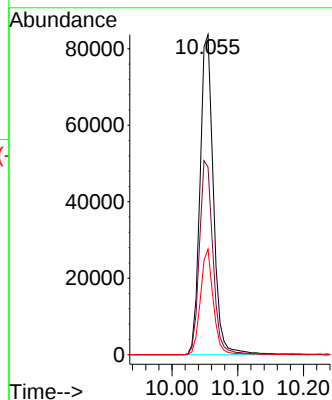
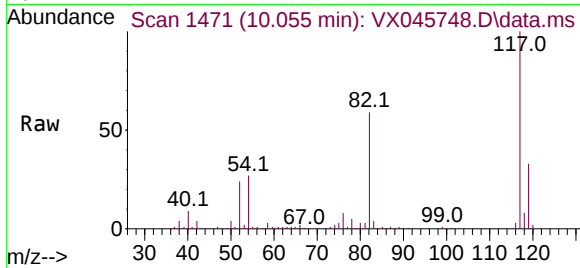




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

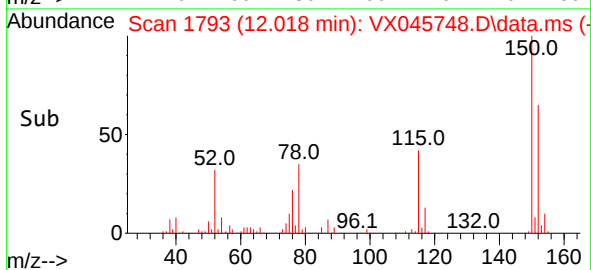
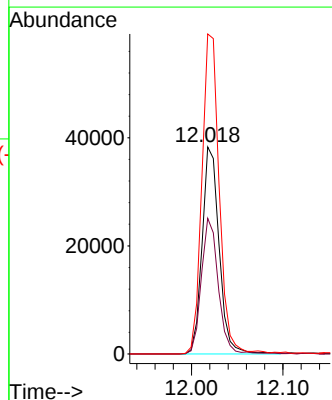
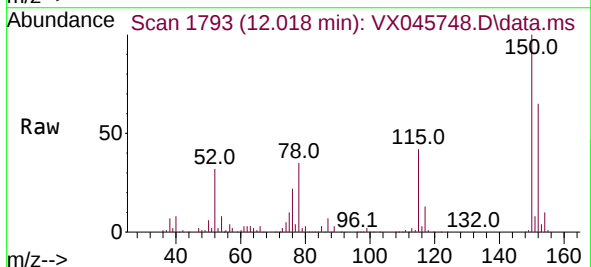
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

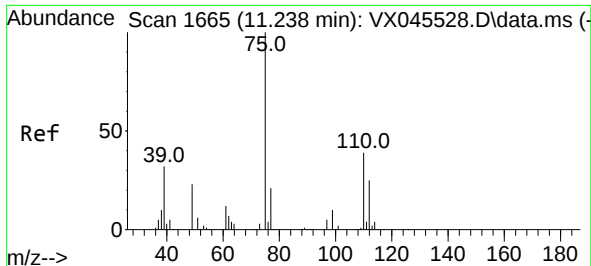
Tgt Ion:117 Resp: 118602
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion:152 Resp: 49446
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 157.5 0.0 349.4

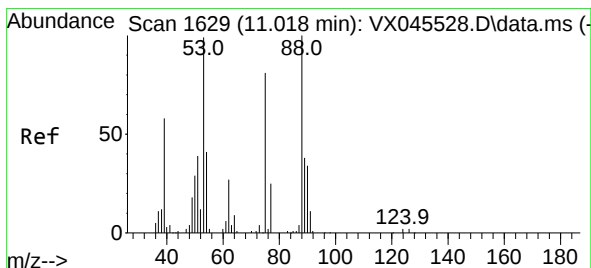
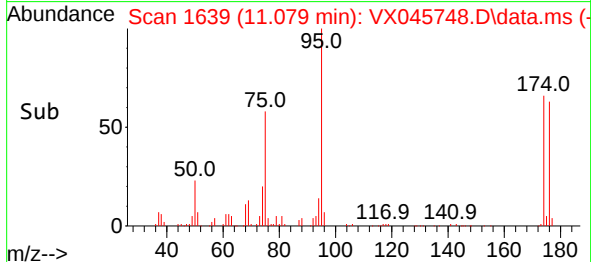
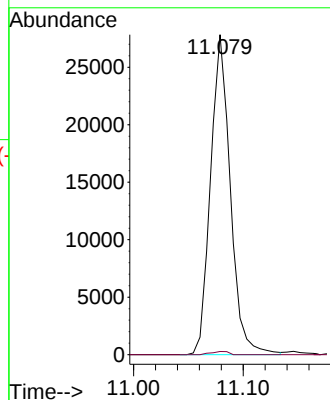
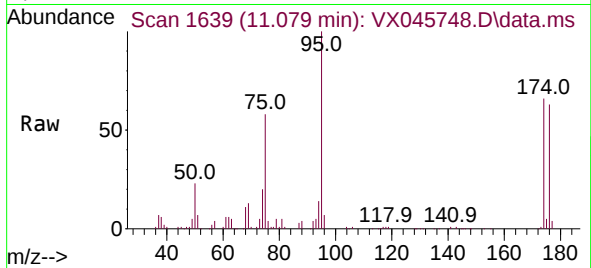




#76
1,2,3-Trichloropropane
Concen: 28.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

Tgt Ion: 75 Resp: 34902
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045748.D
Acq: 11 Apr 2025 17:47

Tgt Ion: 75 Resp: 34902
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

