

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045760.D
 Acq On : 14 Apr 2025 11:55
 Operator : JC/MD
 Sample : Q1790-01
 Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 15 01:27:27 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)

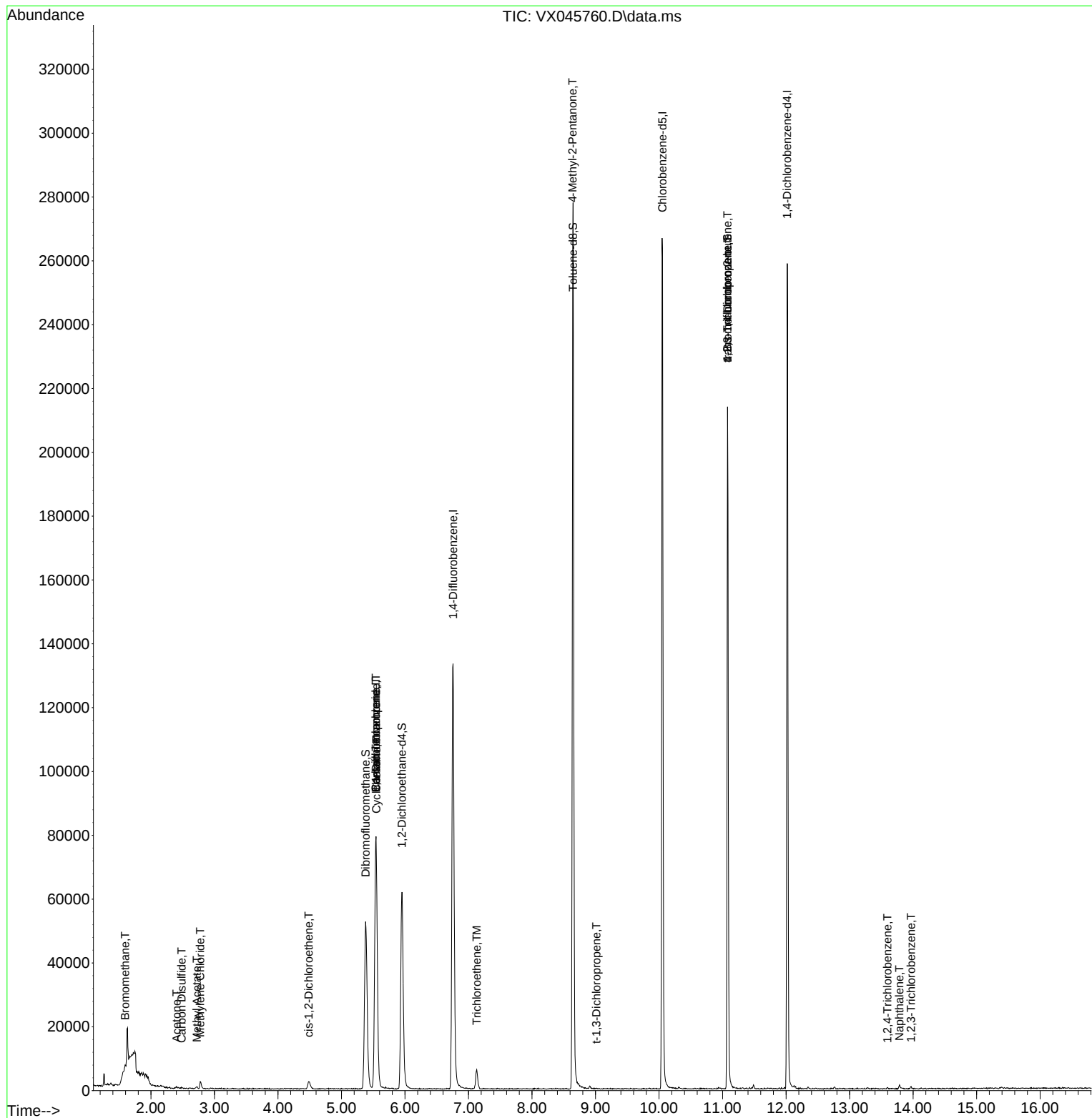
Internal Standards						
1) Pentafluorobenzene	5.544	168	68749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65244	51.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.780%
35) Dibromofluoromethane	5.379	113	45597	49.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.647	98	160774	49.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	57459	48.840	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	230	0.502	ug/l #	66
16) Acetone	2.404	43	558	1.081	ug/l	100
17) Carbon Disulfide	2.483	76	409	0.201	ug/l #	76
18) Methyl Acetate	2.721	43	786	0.661	ug/l #	87
20) Methylene Chloride	2.776	84	1069	1.106	ug/l #	75
27) cis-1,2-Dichloroethene	4.483	96	1549	1.508	ug/l	88
31) Cyclohexane	5.550	56	1990	1.290	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	6826	5.463	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7995	5.921	ug/l #	14
44) Trichloroethene	7.129	130	2250	2.481	ug/l	90
51) 4-Methyl-2-Pentanone	8.641	43	927	0.586	ug/l #	1
53) t-1,3-Dichloropropene	9.012	75	20	2.303	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	34208	28.938	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34208	98.211	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	271	0.300	ug/l #	58
95) Naphthalene	13.786	128	1517	0.451	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.969	180	232	0.245	ug/l #	72

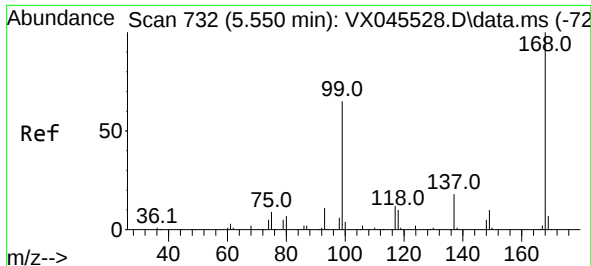
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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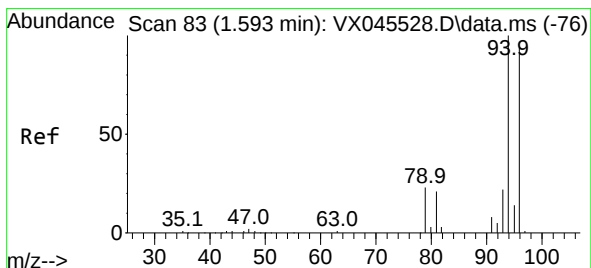
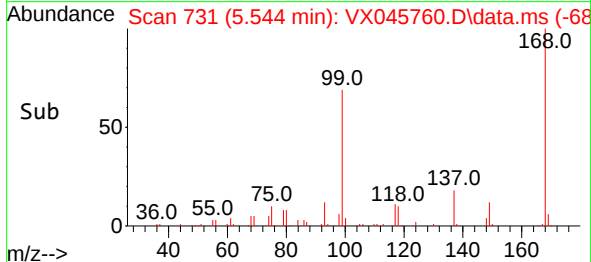
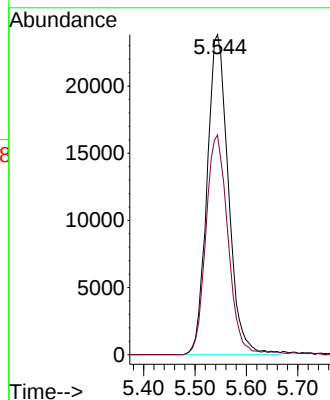
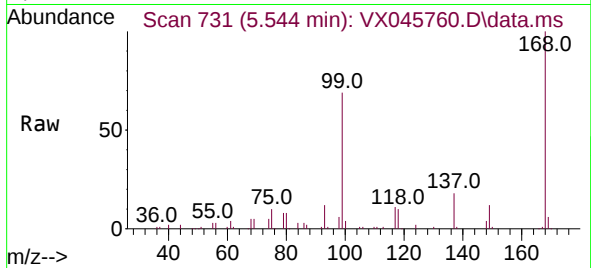




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

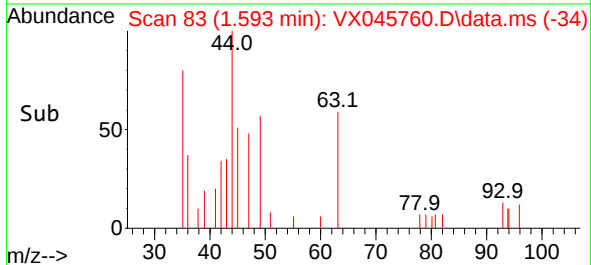
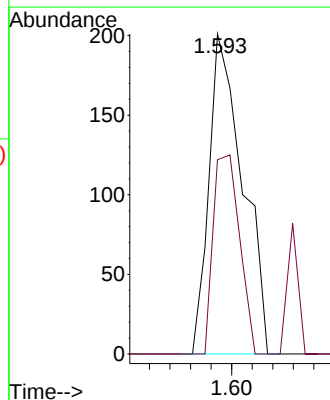
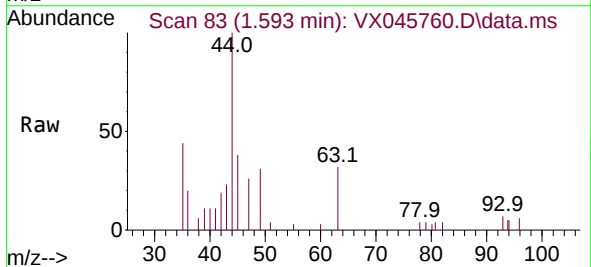
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

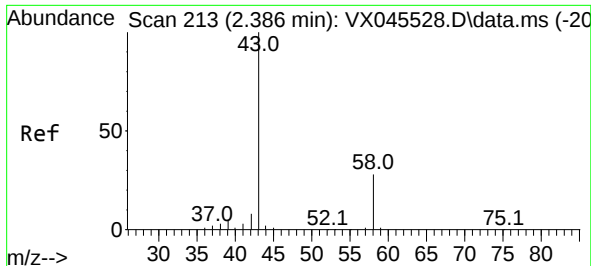
Tgt Ion:168 Resp: 68749
Ion Ratio Lower Upper
168 100
99 68.7 52.3 78.5



#5
Bromomethane
Concen: 0.502 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 60.7 74.8 112.2#

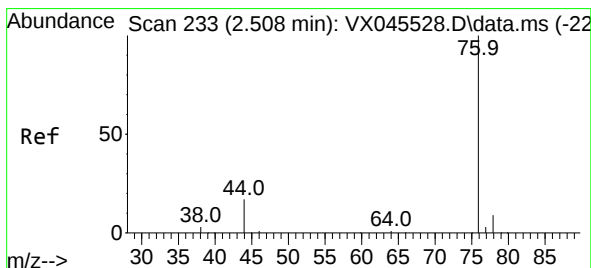
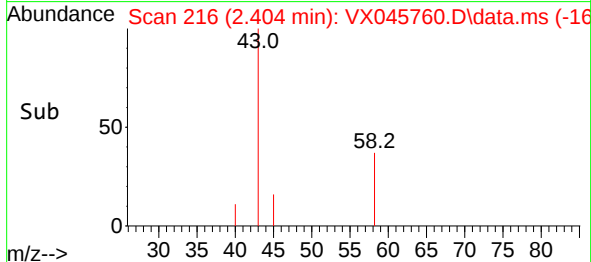
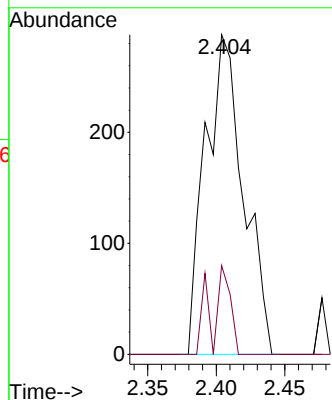
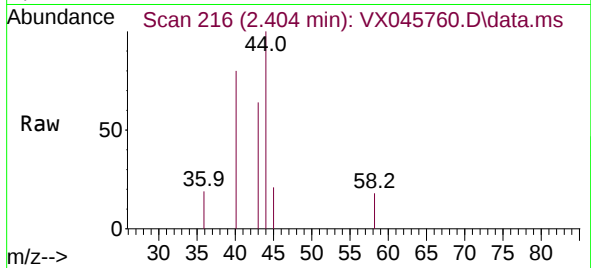




#16
Acetone
Concen: 1.081 ug/l
RT: 2.404 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

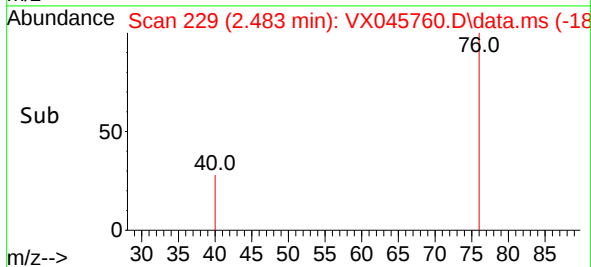
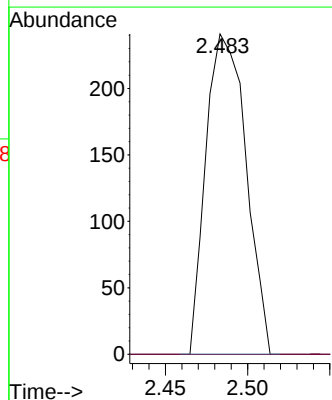
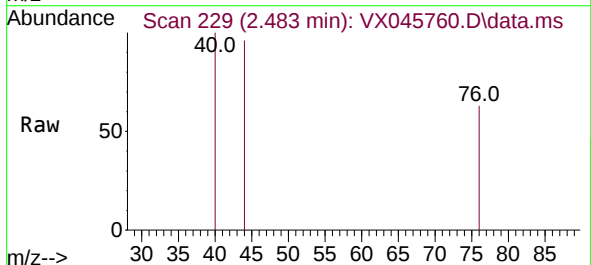
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

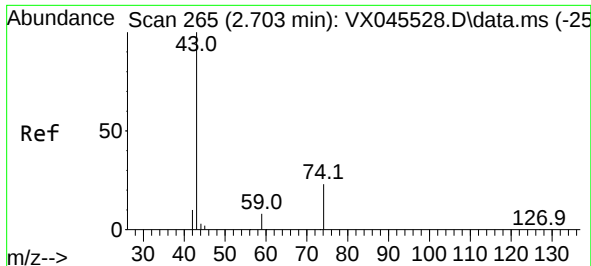
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5



#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.024 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion: 76 Resp: 409
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.661 ug/l

RT: 2.721 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

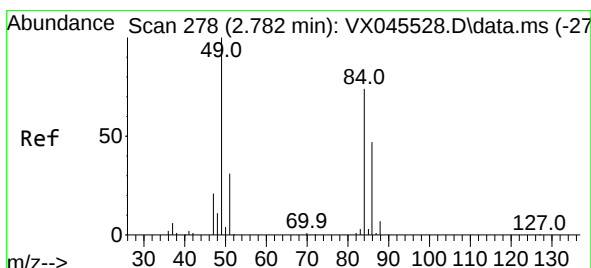
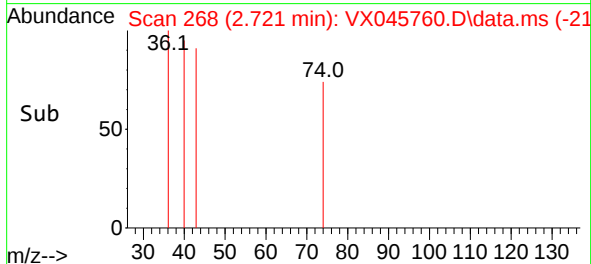
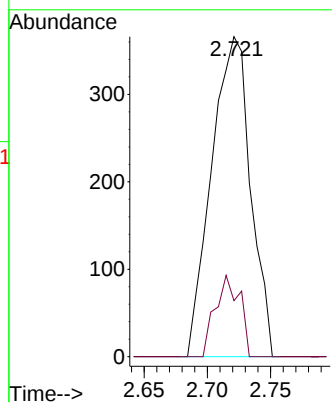
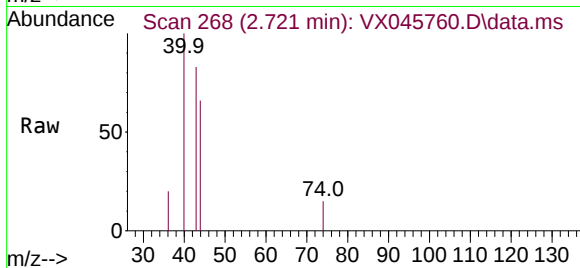
S-872-G1-SO-20.0-20.5-041025

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

74 15.8 17.5 26.3#



#20

Methylene Chloride

Concen: 1.106 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

Tgt Ion: 84 Resp: 1069

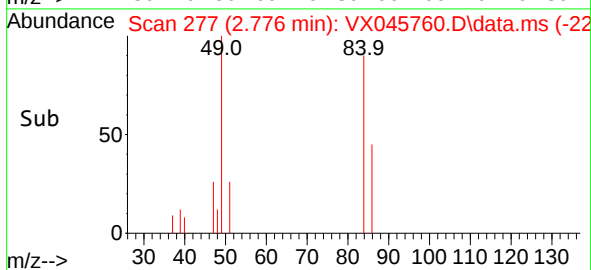
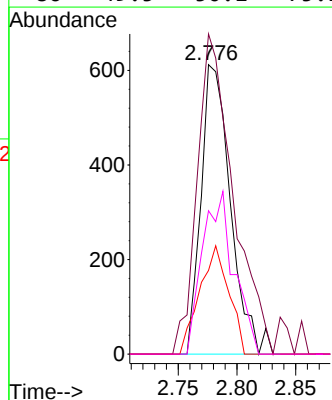
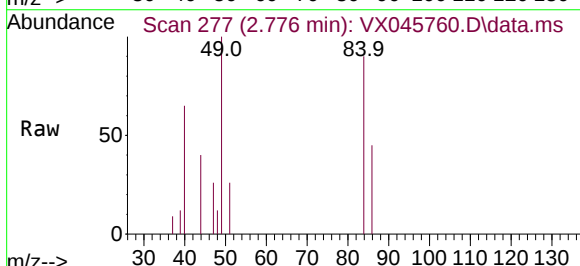
Ion Ratio Lower Upper

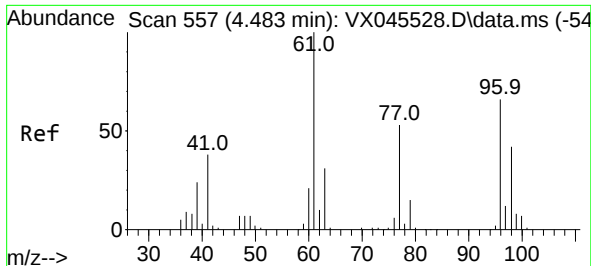
84 100

49 99.2 107.5 161.3#

51 28.9 33.0 49.6#

86 49.5 50.1 75.1#





#27

cis-1,2-Dichloroethene

Concen: 1.508 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

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

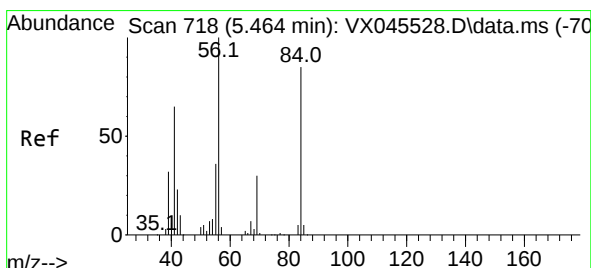
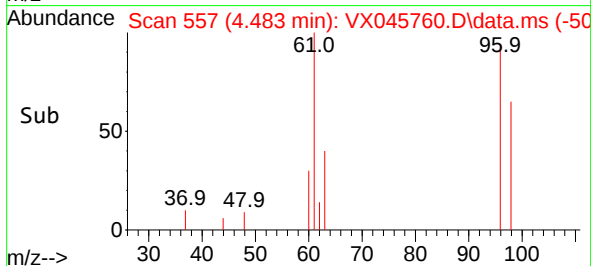
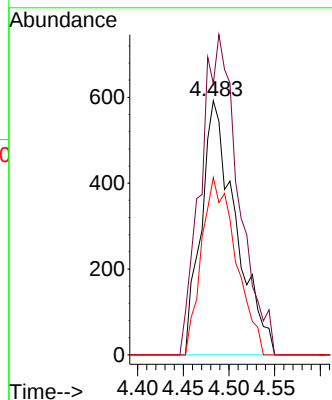
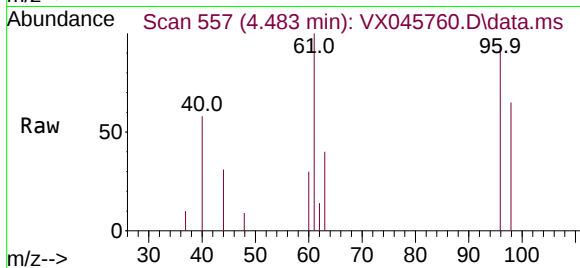
Tgt Ion: 96 Resp: 1549

Ion Ratio Lower Upper

96 100

61 139.5 0.0 313.2

98 69.8 0.0 126.4



#31

Cyclohexane

Concen: 1.290 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

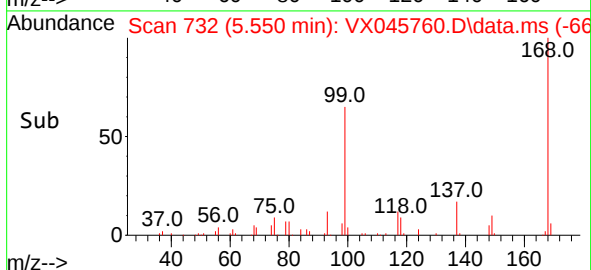
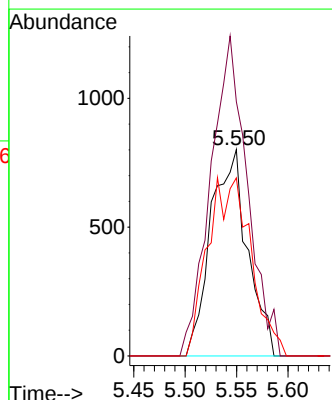
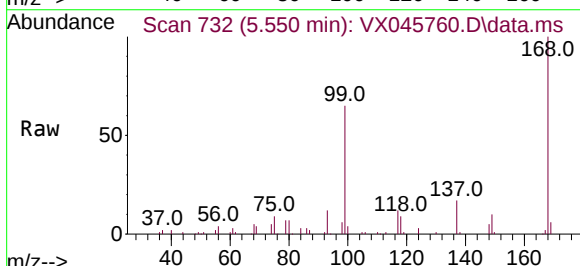
Tgt Ion: 56 Resp: 1990

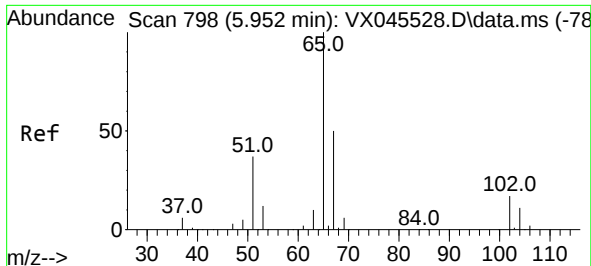
Ion Ratio Lower Upper

56 100

69 123.2 23.6 35.4#

84 86.3 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 51.895 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

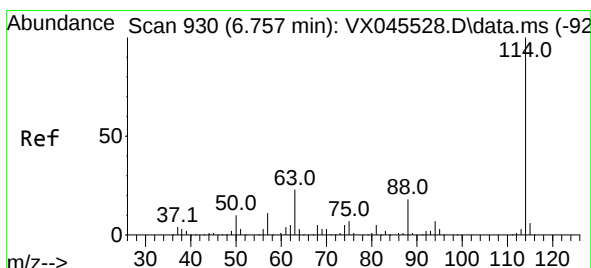
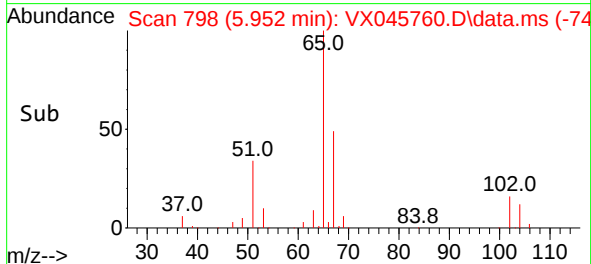
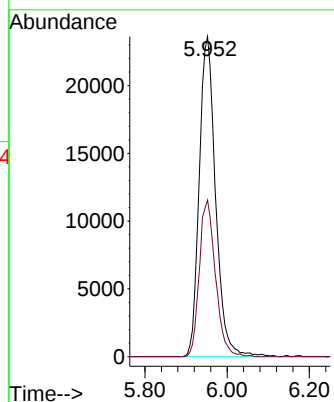
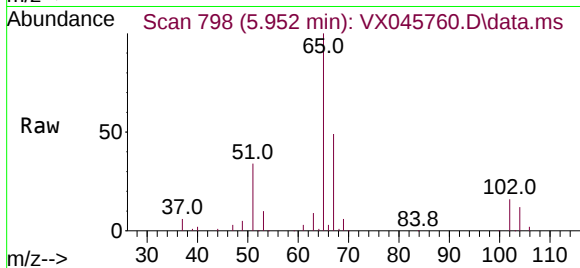
S-872-G1-SO-20.0-20.5-041025

Tgt Ion: 65 Resp: 65244

Ion Ratio Lower Upper

65 100

67 48.3 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: VX045760.D

Acq: 14 Apr 2025 11:55

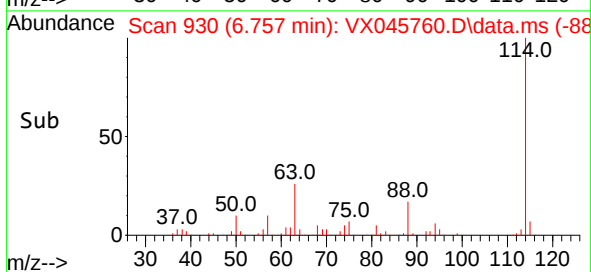
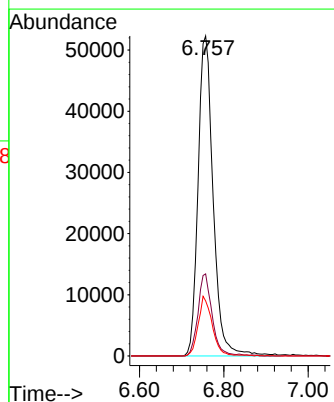
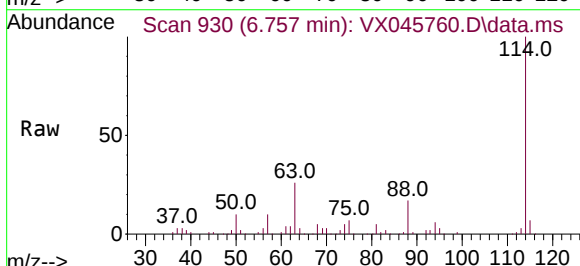
Tgt Ion: 114 Resp: 130423

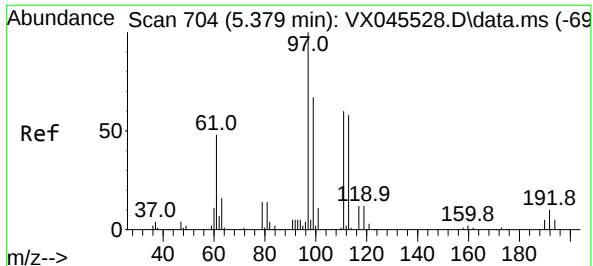
Ion Ratio Lower Upper

114 100

63 25.7 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.275 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045760.D

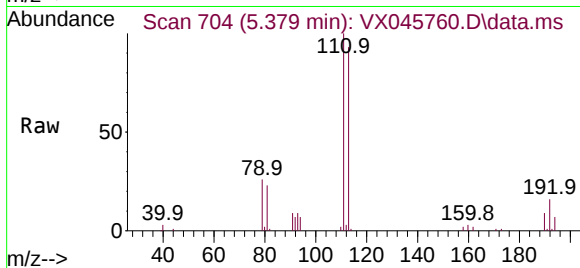
Acq: 14 Apr 2025 11:55

Instrument :

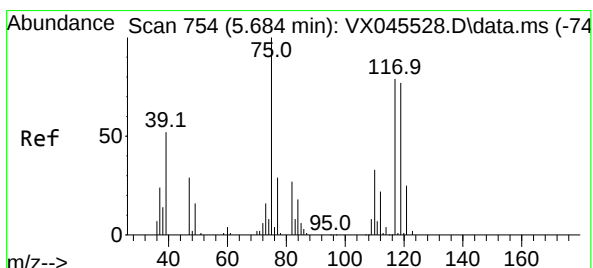
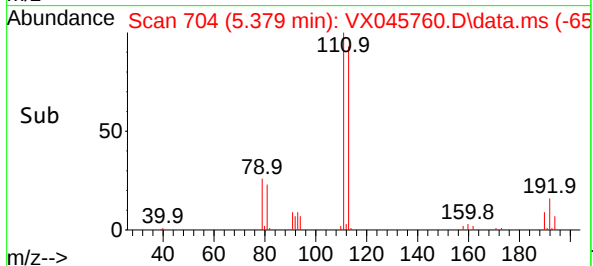
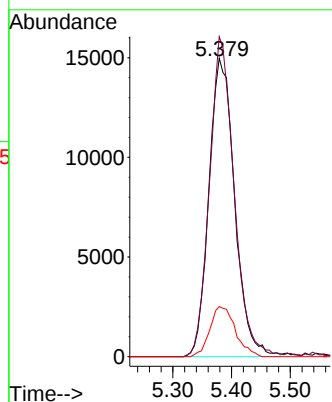
MSVOA_X

ClientSampleId :

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



Tgt Ion:	113	Resp:	45597
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	16.6	13.8	20.6



#36

1,1-Dichloropropene

Concen: 5.463 ug/l

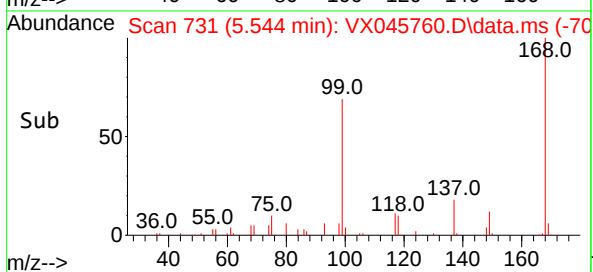
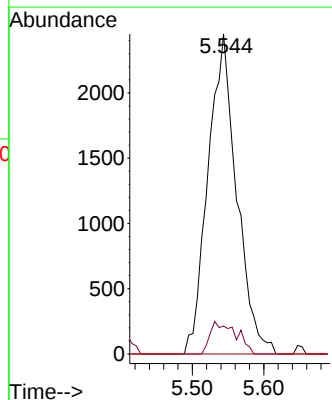
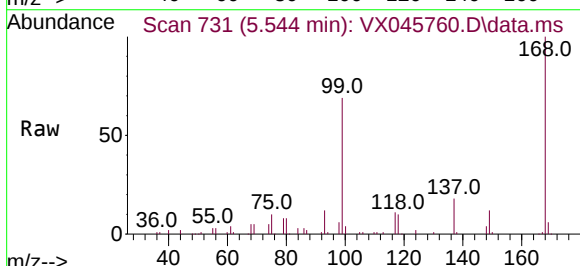
RT: 5.544 min Scan# 731

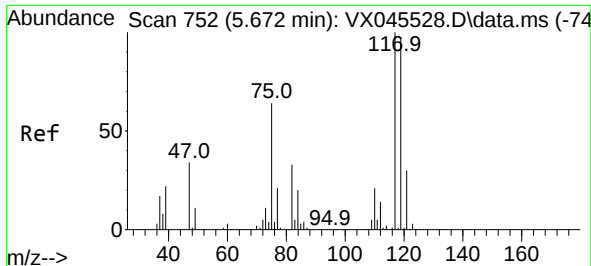
Delta R.T. -0.140 min

Lab File: VX045760.D

Acq: 14 Apr 2025 11:55

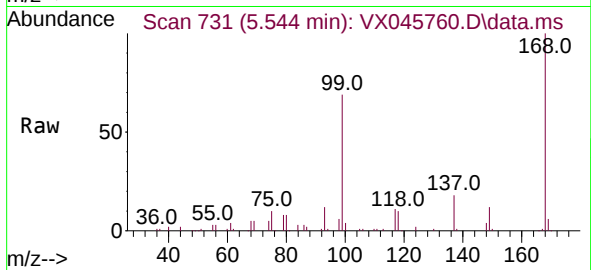
Tgt Ion:	75	Resp:	6826
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.9	50.6#
77	0.0	25.0	37.4#



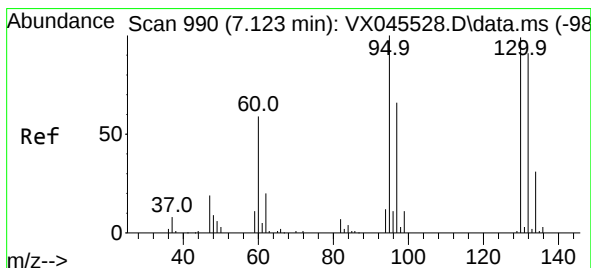
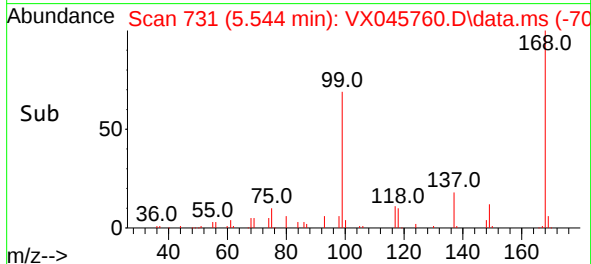
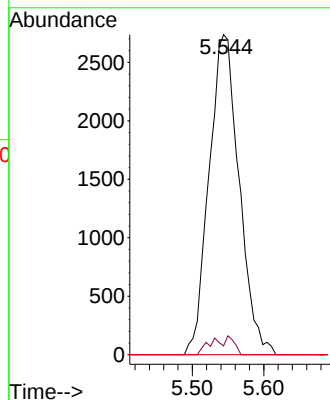


#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

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

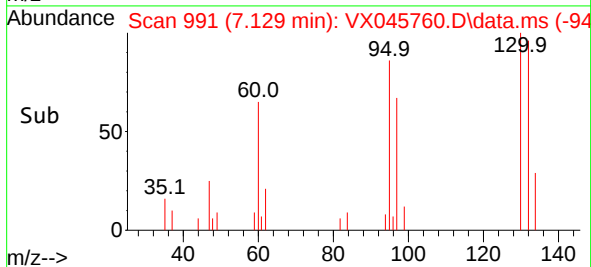
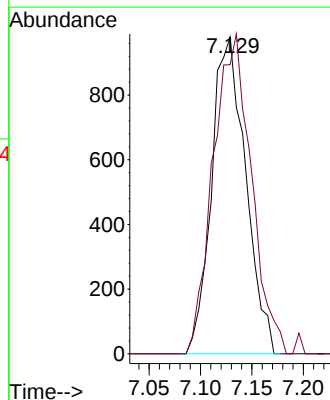
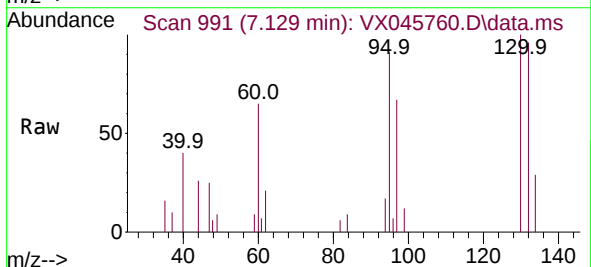


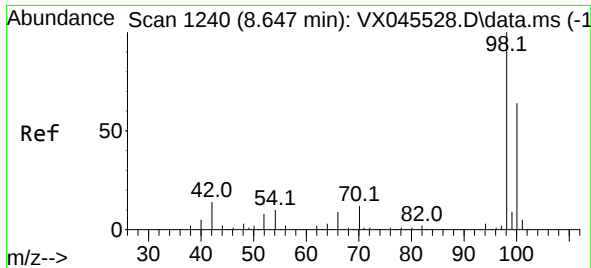
Tgt Ion:117 Resp: 7995
Ion Ratio Lower Upper
117 100
119 2.8 76.9 115.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 2.481 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion:130 Resp: 2250
Ion Ratio Lower Upper
130 100
95 91.2 0.0 202.0

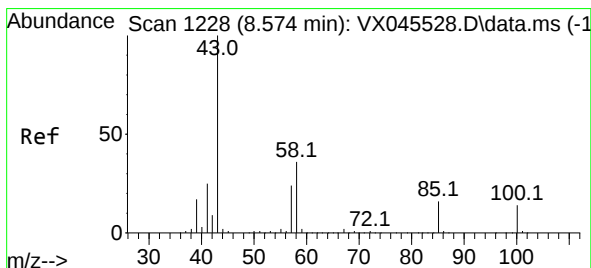
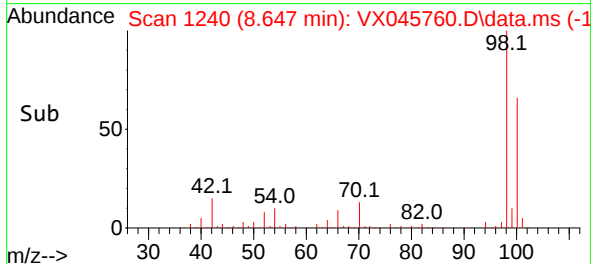
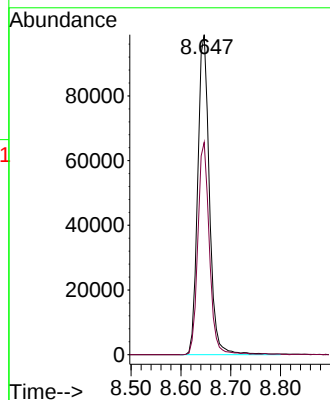
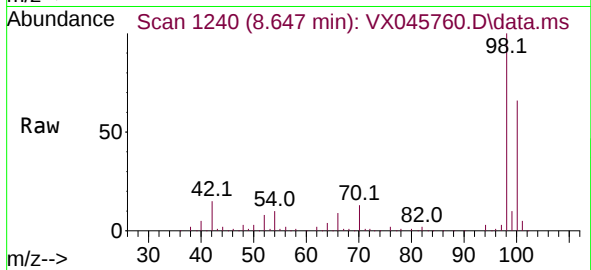




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

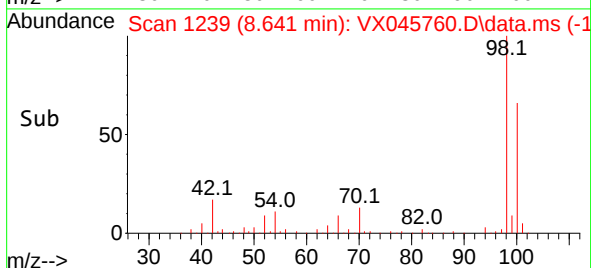
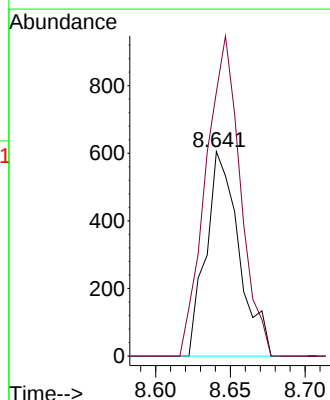
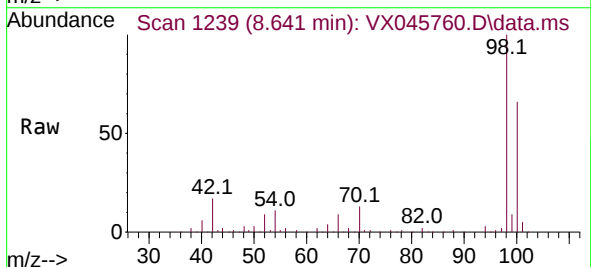
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

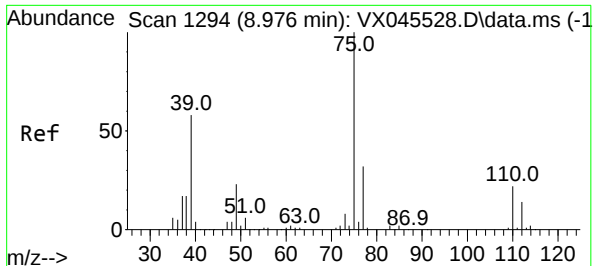
Tgt Ion: 98 Resp: 160774
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 164.2 28.5 42.7#

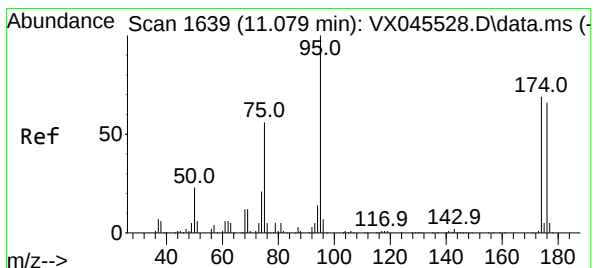
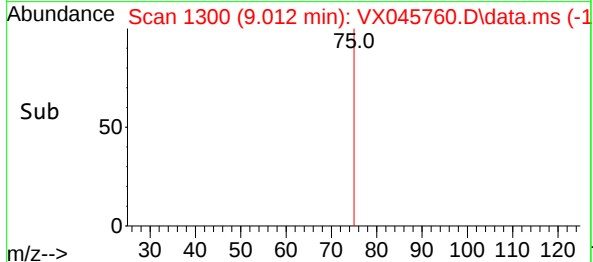
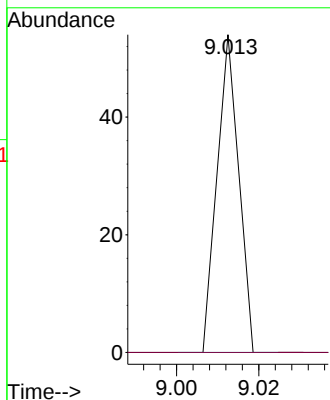
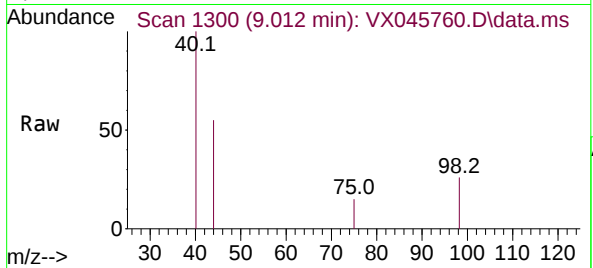




#53
t-1,3-Dichloropropene
Concen: 2.303 ug/l
RT: 9.012 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

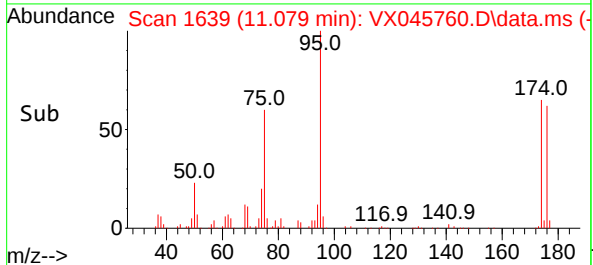
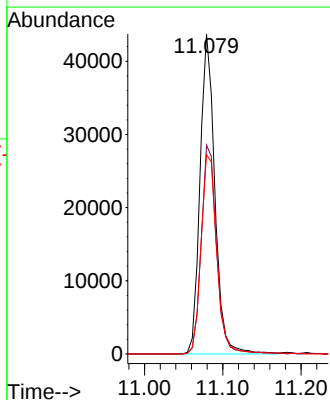
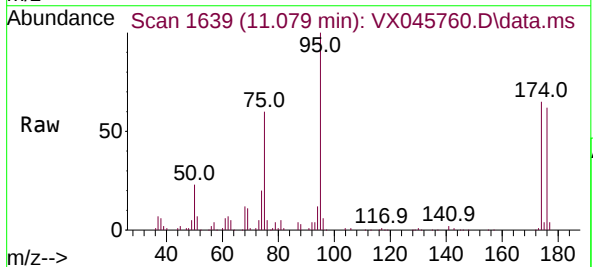
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

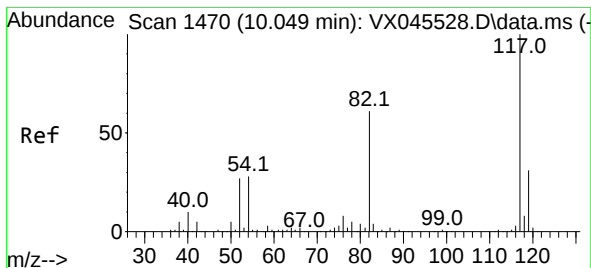
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 48.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion: 95 Resp: 57459
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 66.6 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: VX045760.D

Acq: 14 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

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

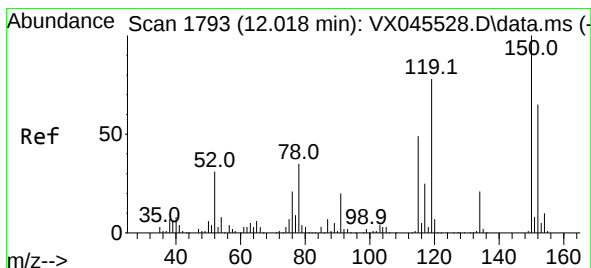
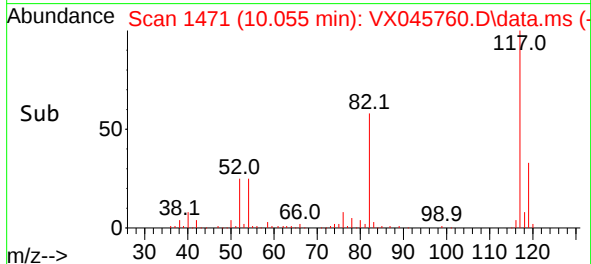
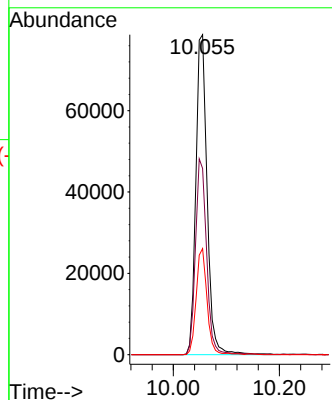
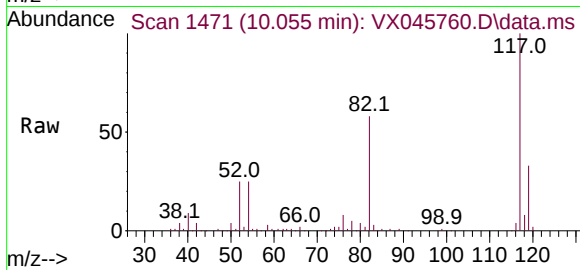
Tgt Ion:117 Resp: 115868

Ion Ratio Lower Upper

117 100

82 58.2 49.2 73.8

119 33.2 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: VX045760.D

Acq: 14 Apr 2025 11:55

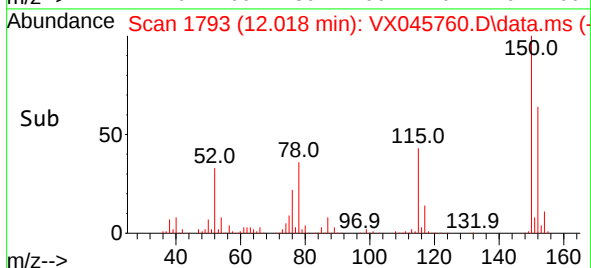
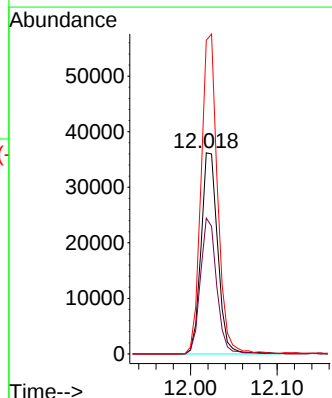
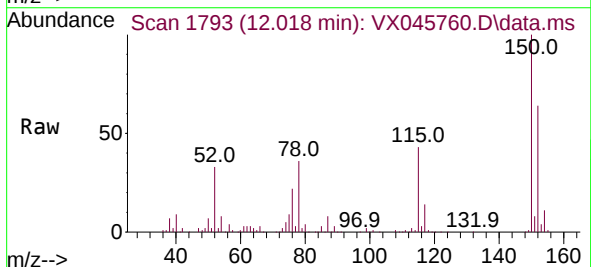
Tgt Ion:152 Resp: 48463

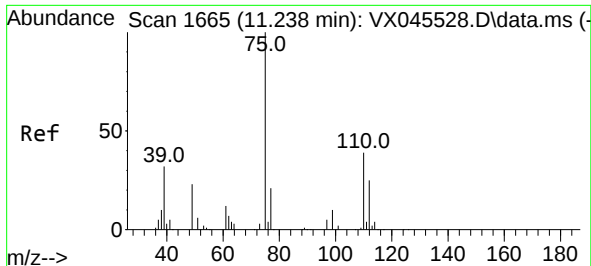
Ion Ratio Lower Upper

152 100

115 65.8 46.9 140.7

150 157.1 0.0 349.4

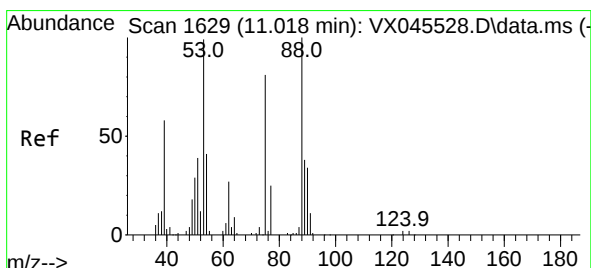
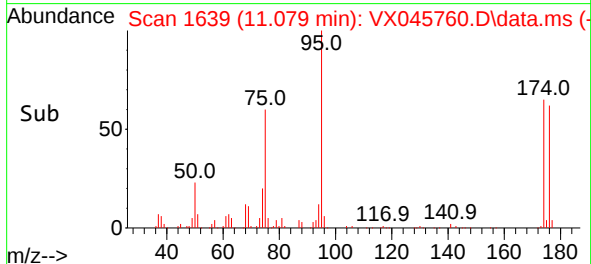
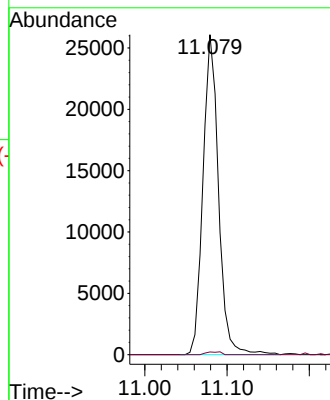
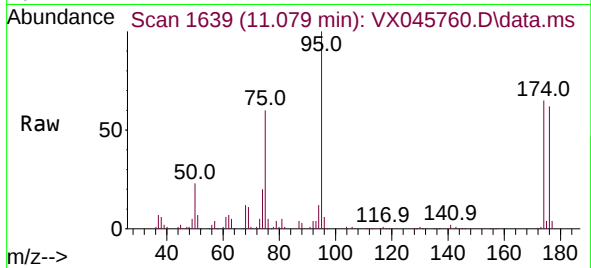




#76
1,2,3-Trichloropropane
Concen: 28.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

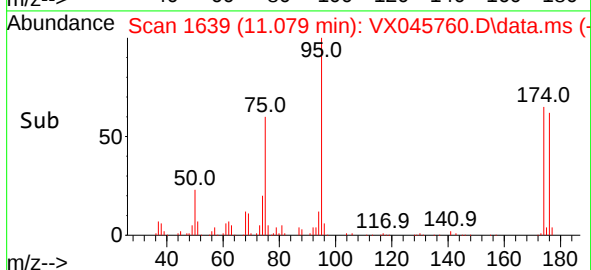
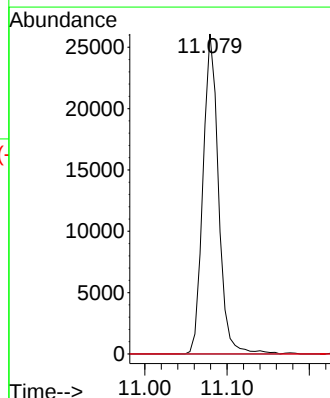
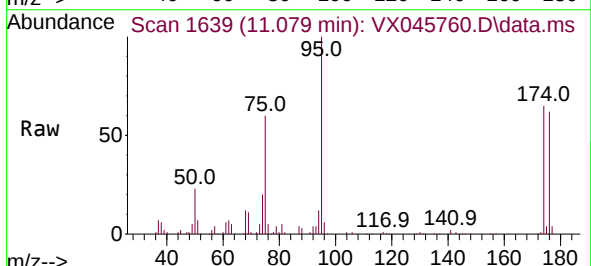
Instrument : MSVOA_X
ClientSampleId : S-872-G1-SO-20.0-20.5-041025

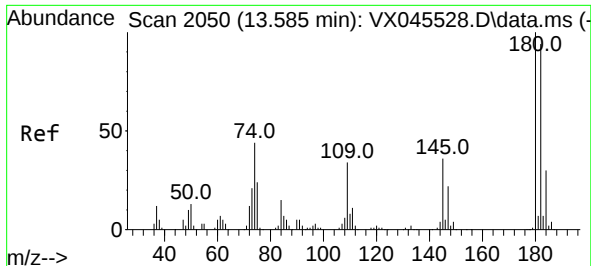
Tgt Ion: 75 Resp: 34208
Ion Ratio Lower Upper
75 100
77 0.8 20.0 59.9#



#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: VX045760.D
Acq: 14 Apr 2025 11:55

Tgt Ion: 75 Resp: 34208
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

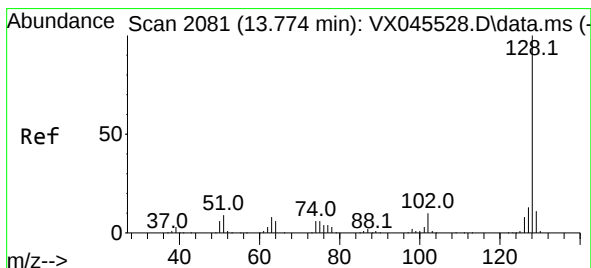
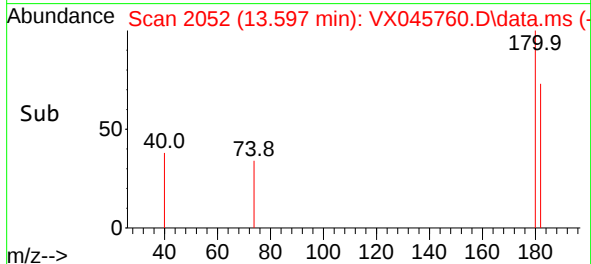
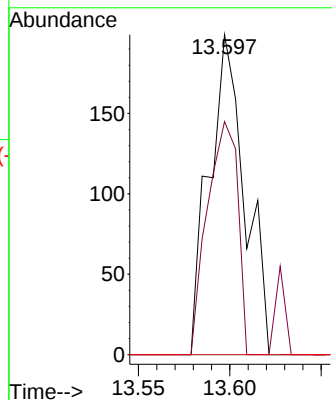
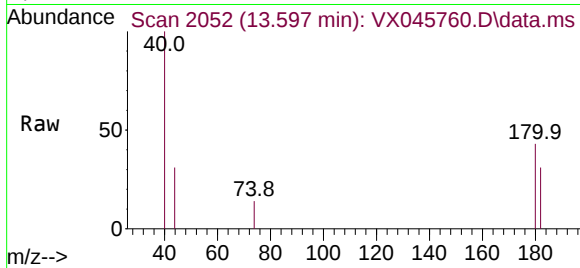




#93
1,2,4-Trichlorobenzene
Concen: 0.300 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

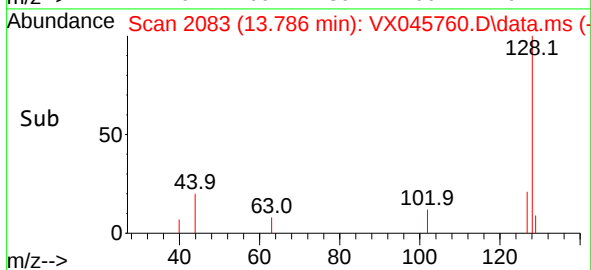
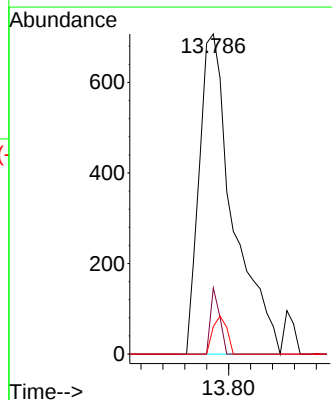
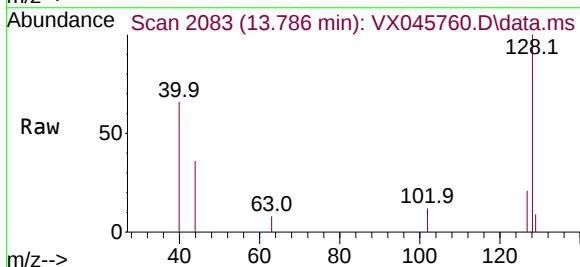
Instrument :
MSVOA_X
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

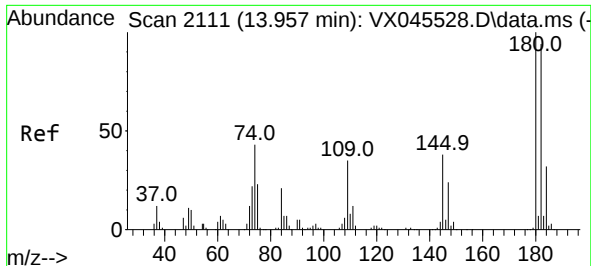
Tgt Ion:180 Resp: 271
Ion Ratio Lower Upper
180 100
182 61.6 47.9 143.6
145 0.0 17.9 53.8#



#95
Naphthalene
Concen: 0.451 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX045760.D
Acq: 14 Apr 2025 11:55

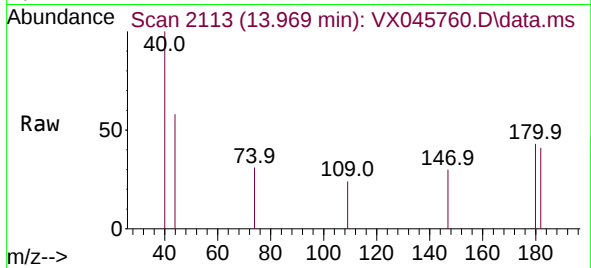
Tgt Ion:128 Resp: 1517
Ion Ratio Lower Upper
128 100
127 5.5 10.3 15.5#
129 4.9 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.245 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX045760.D
 Acq: 14 Apr 2025 11:55

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



Tgt Ion:180 Resp: 232
 Ion Ratio Lower Upper
 180 100
 182 108.6 47.3 141.8
 145 0.0 18.2 54.6#

