

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045870.D
 Acq On : 21 Apr 2025 10:56
 Operator : JC/MD
 Sample : Q1841-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-LIQUIDS

Quant Time: Apr 22 01:23:46 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)

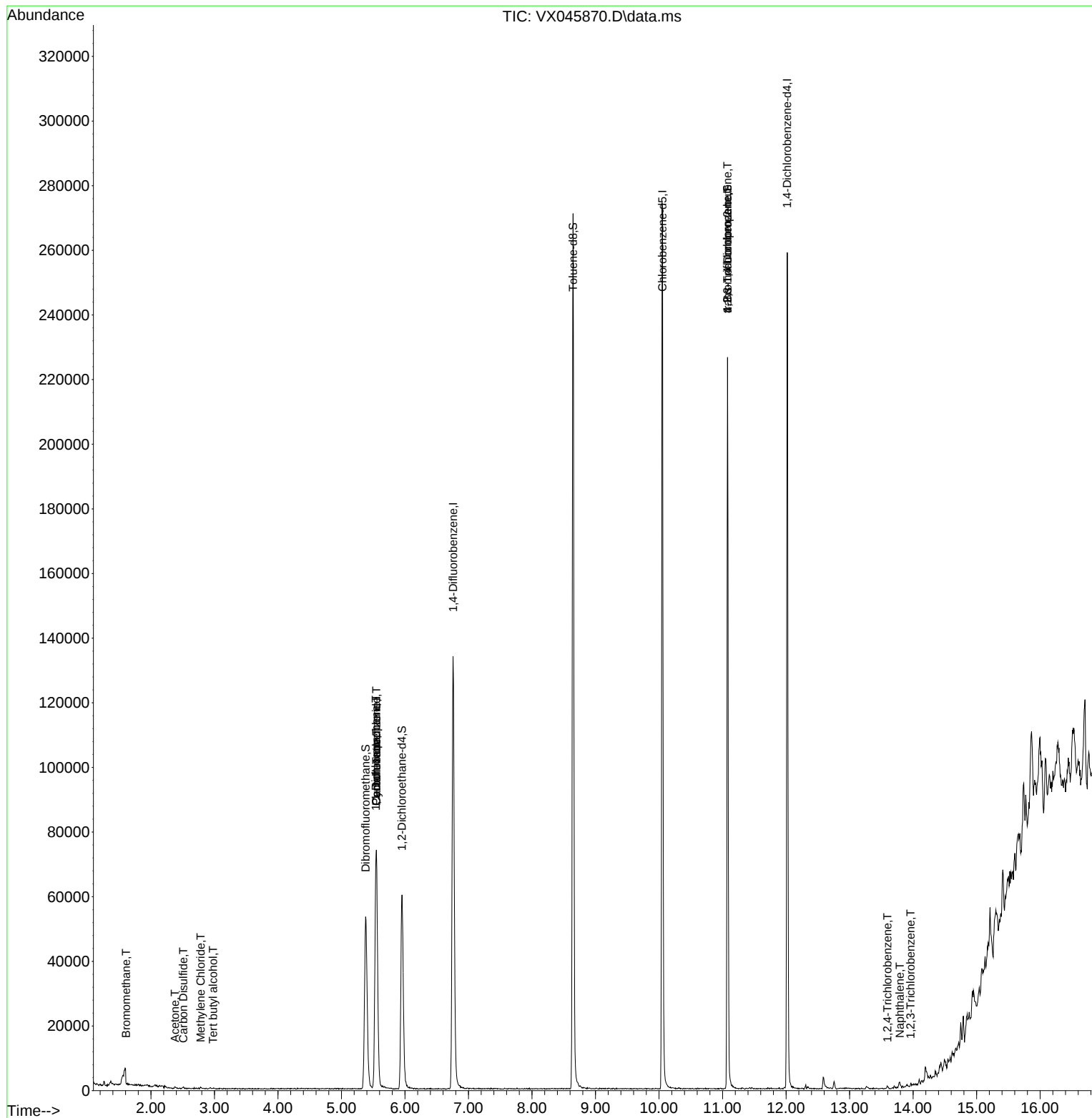
Internal Standards						
1) Pentafluorobenzene	5.550	168	63683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61476	52.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.580%	
35) Dibromofluoromethane	5.379	113	46070	51.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	8.647	98	156073	49.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	11.079	95	58394	50.918	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	101	0.238	ug/l	87
11) Tert butyl alcohol	2.977	59	236	1.508	ug/l #	72
16) Acetone	2.380	43	685	1.432	ug/l #	83
17) Carbon Disulfide	2.508	76	522	0.276	ug/l #	76
20) Methylene Chloride	2.782	84	214	0.239	ug/l #	51
31) Cyclohexane	5.550	56	1879	1.315	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	6513	5.348	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7798	5.924	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	33711	28.470	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33711	96.624	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	300	0.331	ug/l #	86
95) Naphthalene	13.792	128	1547	0.459	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	273	0.288	ug/l	78

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 22 01:23:46 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

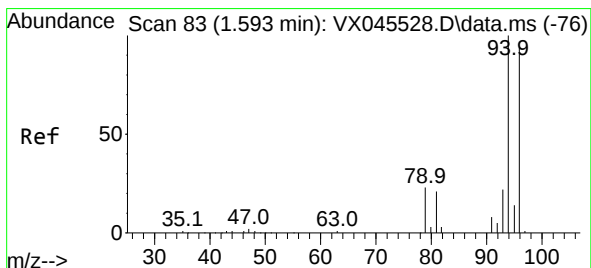
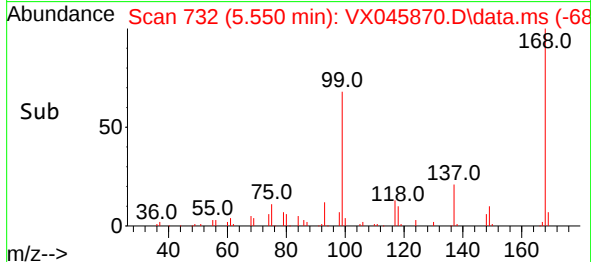
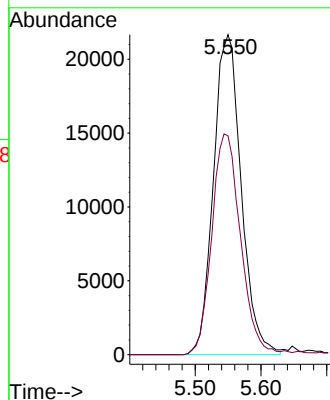
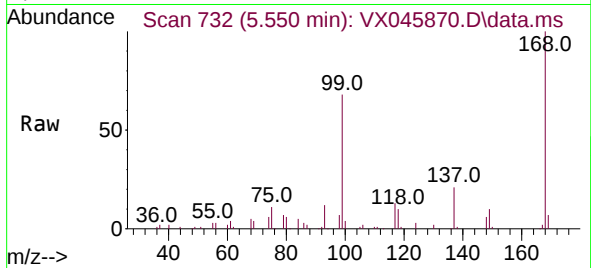




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

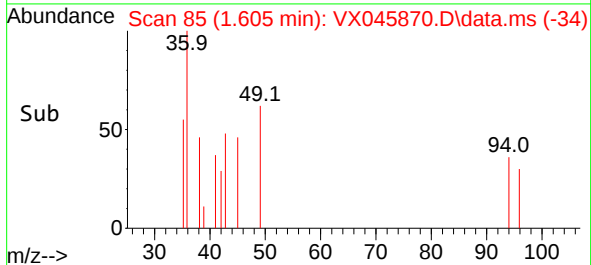
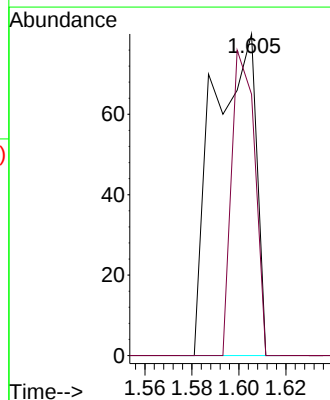
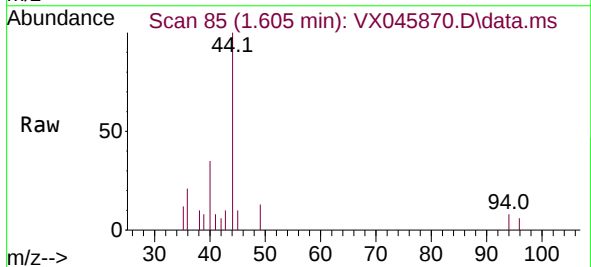
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

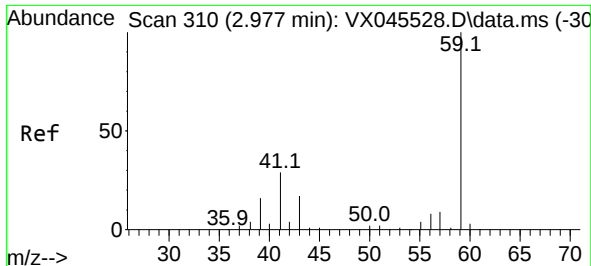
Tgt Ion:168 Resp: 63683
Ion Ratio Lower Upper
168 100
99 68.4 52.3 78.5



#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 81.3 74.8 112.2

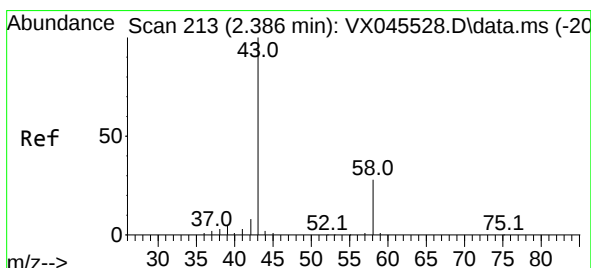
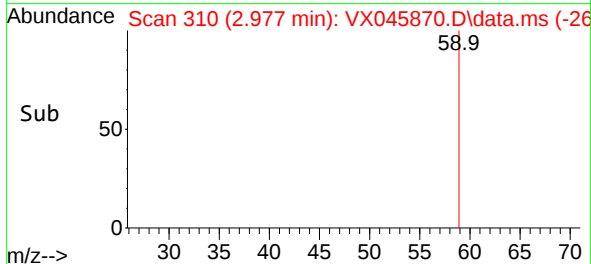
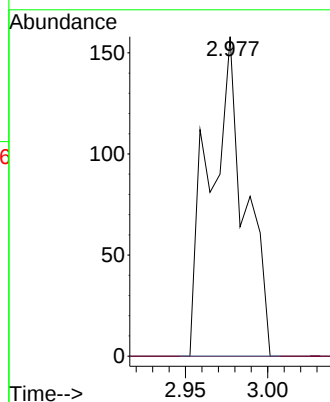
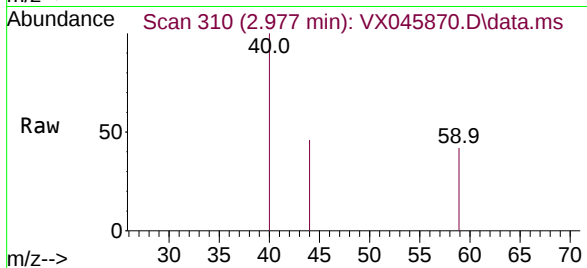




#11
Tert butyl alcohol
Concen: 1.508 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

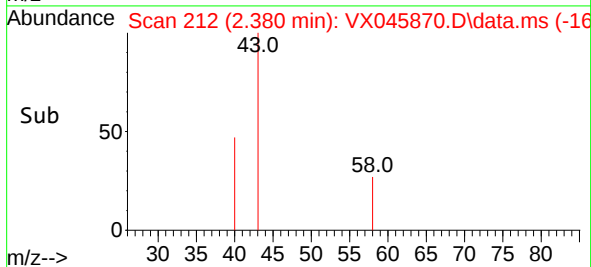
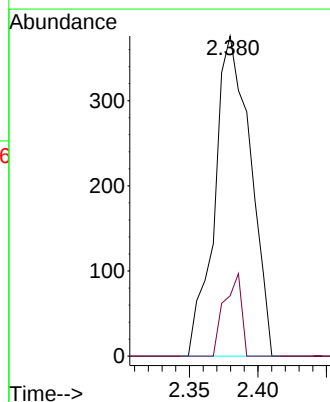
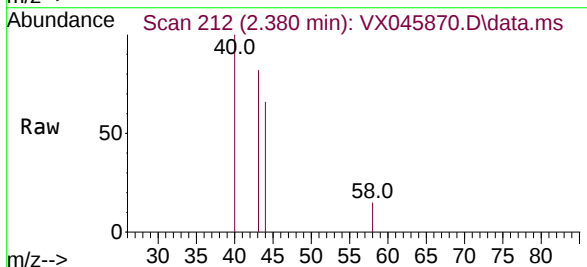
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

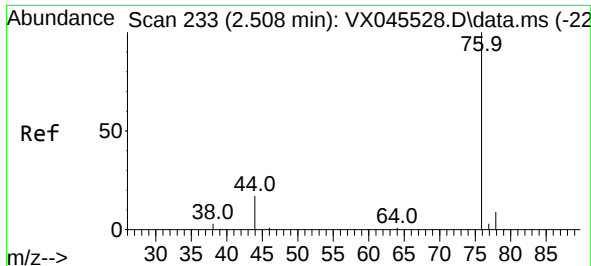
Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.432 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
58 18.9 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.276 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045870.D

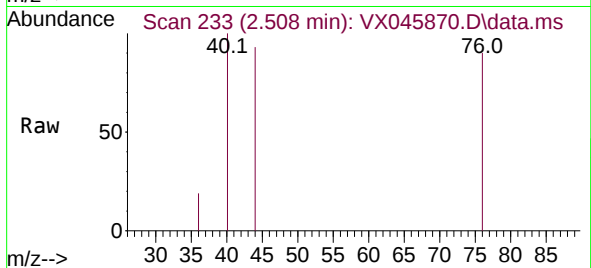
Acq: 21 Apr 2025 10:56

Instrument :

MSVOA_X

ClientSampleId :

OILY-LIQUIDS

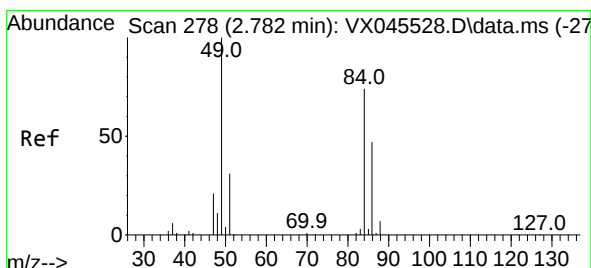
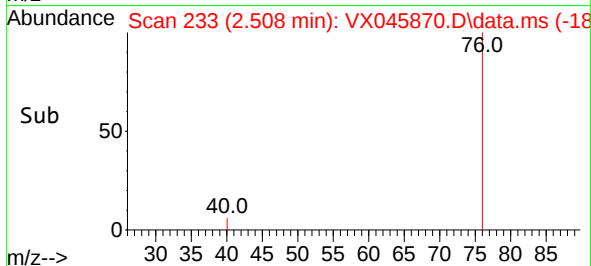
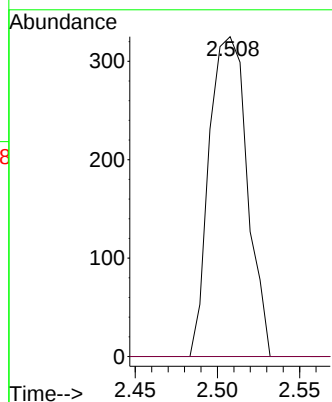


Tgt Ion: 76 Resp: 522

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.239 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045870.D

Acq: 21 Apr 2025 10:56

Tgt Ion: 84 Resp: 214

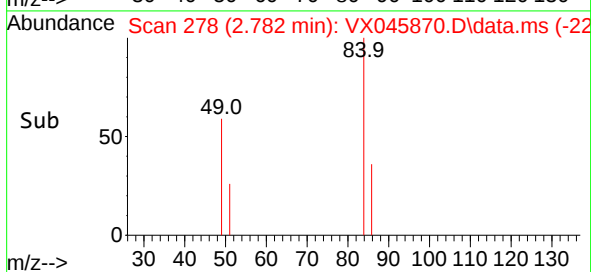
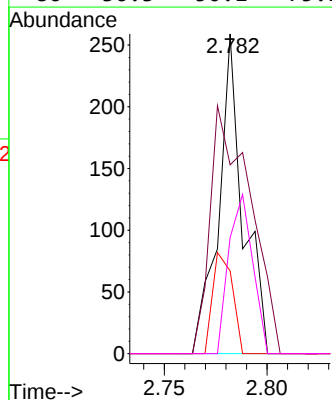
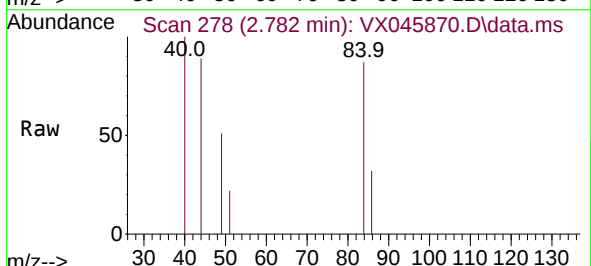
Ion Ratio Lower Upper

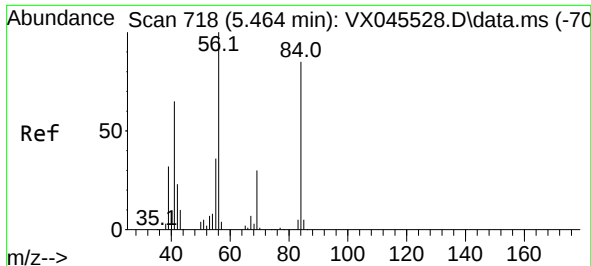
84 100

49 59.1 107.5 161.3#

51 25.9 33.0 49.6#

86 36.3 50.1 75.1#

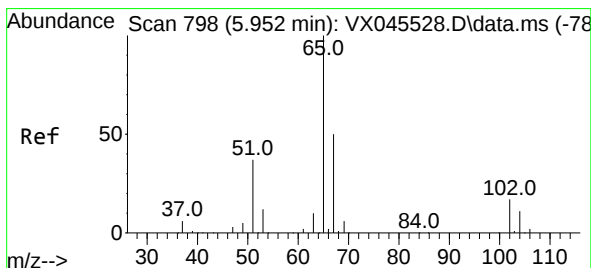
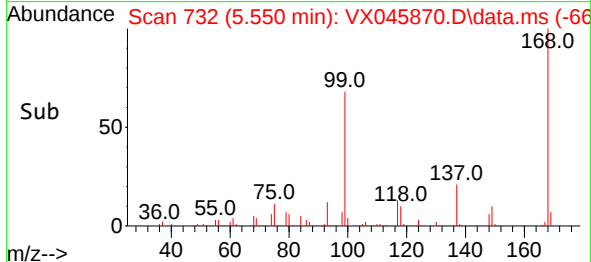
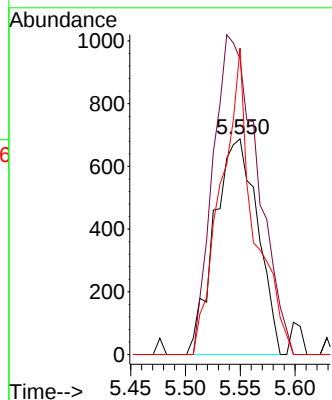
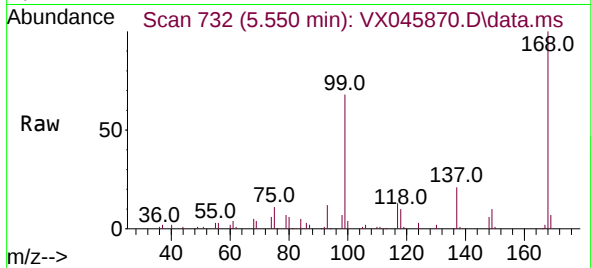




#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

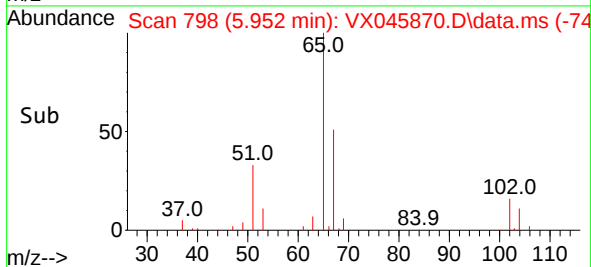
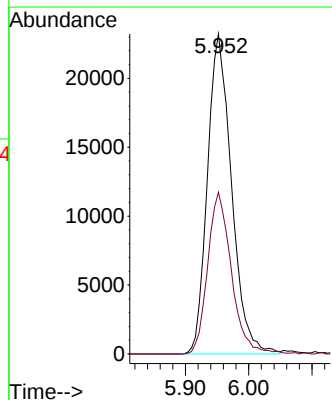
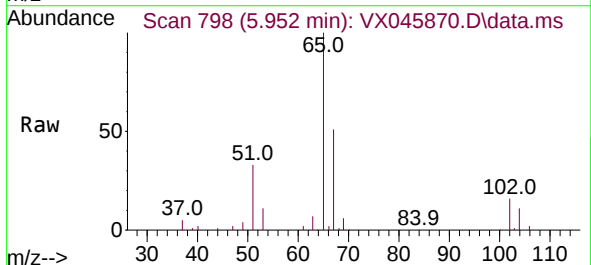
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

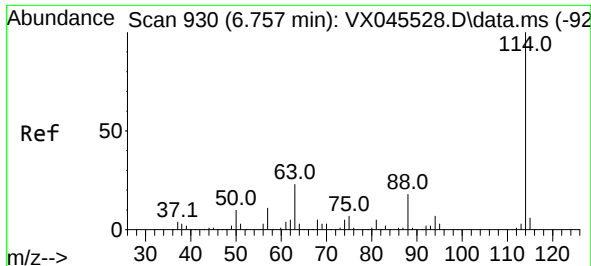
Tgt Ion: 56 Resp: 1879
Ion Ratio Lower Upper
56 100
69 137.1 23.6 35.4#
84 142.0 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 52.787 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion: 65 Resp: 61476
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

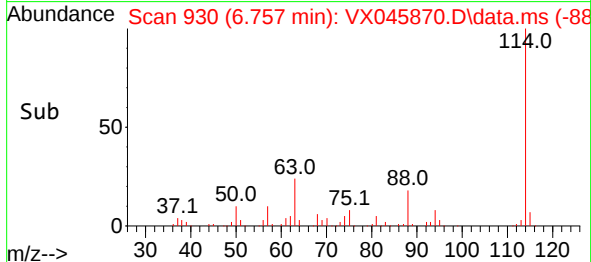
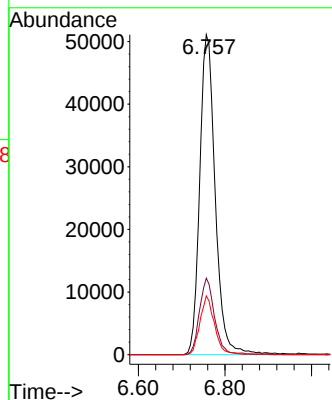
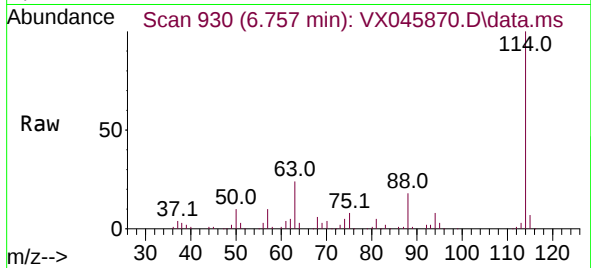




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045870.D
 Acq: 21 Apr 2025 10:56

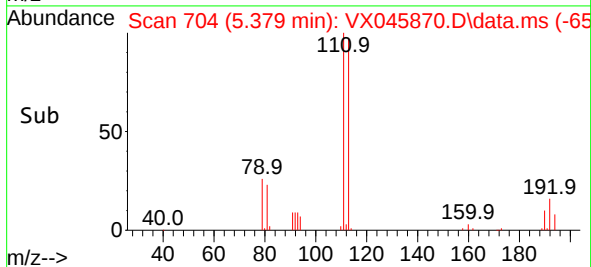
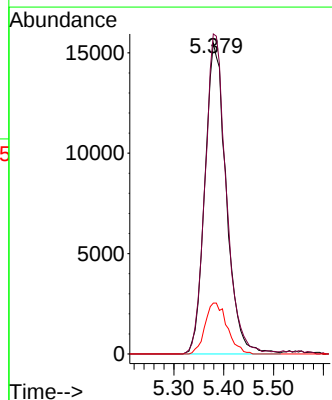
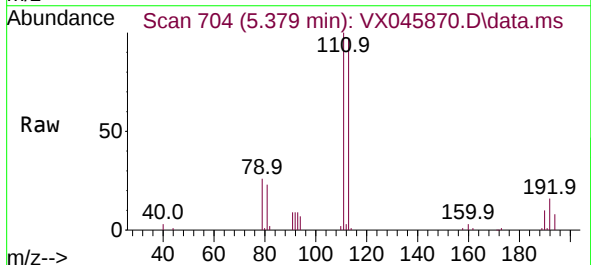
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-LIQUIDS

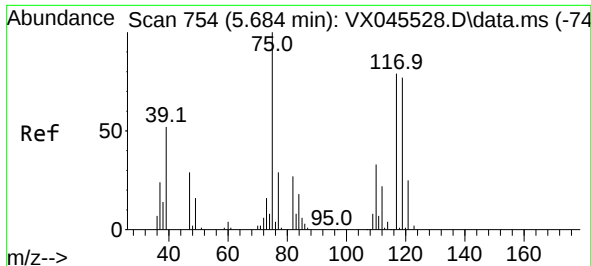
Tgt Ion:114 Resp: 127137
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.8
 88 18.3 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.073 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045870.D
 Acq: 21 Apr 2025 10:56

Tgt Ion:113 Resp: 46070
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 17.0 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.348 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045870.D

Acq: 21 Apr 2025 10:56

Instrument :

MSVOA_X

ClientSampleId :

OILY-LIQUIDS

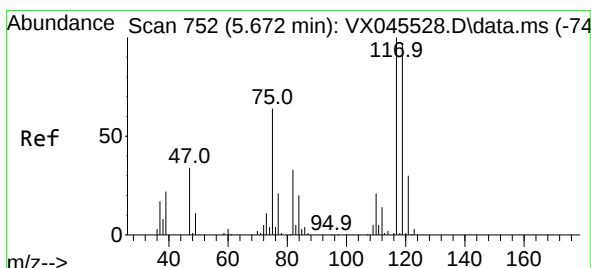
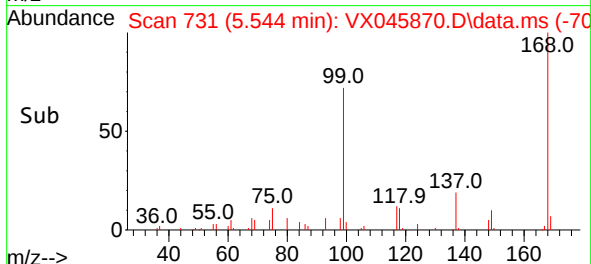
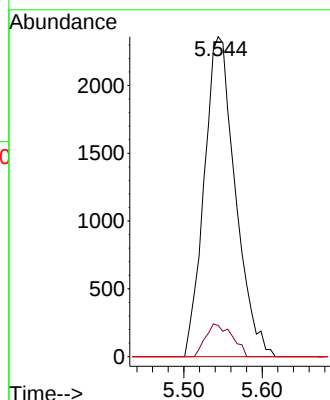
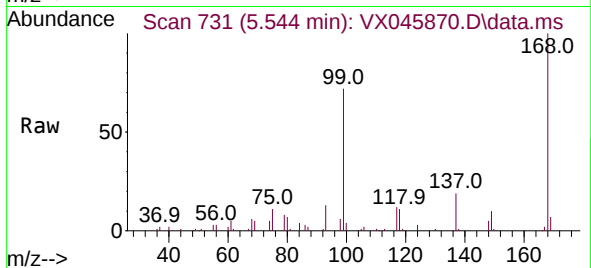
Tgt Ion: 75 Resp: 6513

Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.924 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045870.D

Acq: 21 Apr 2025 10:56

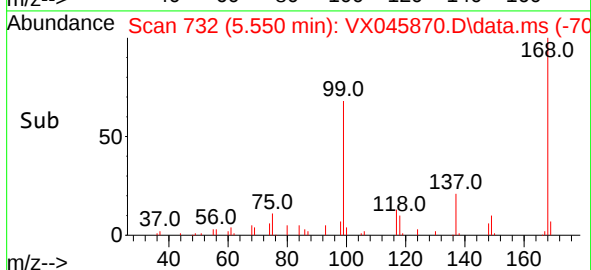
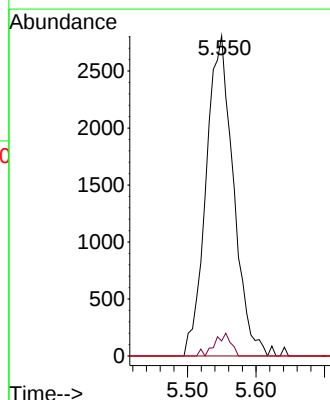
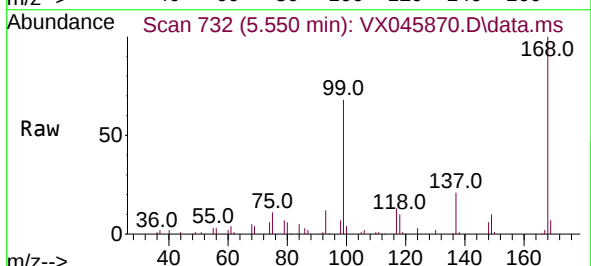
Tgt Ion: 117 Resp: 7798

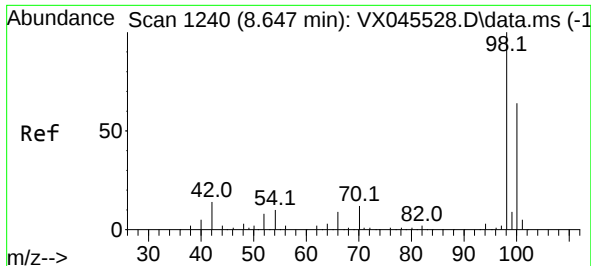
Ion Ratio Lower Upper

117 100

119 4.7 76.9 115.3#

121 0.0 24.2 36.2#

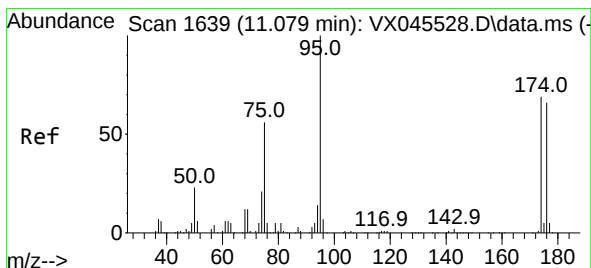
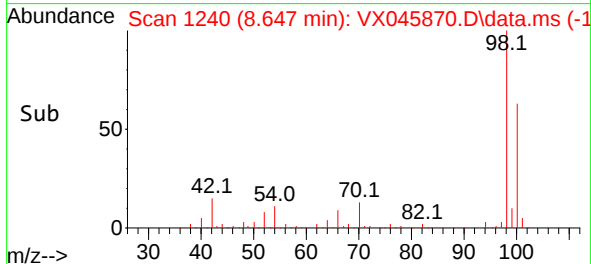
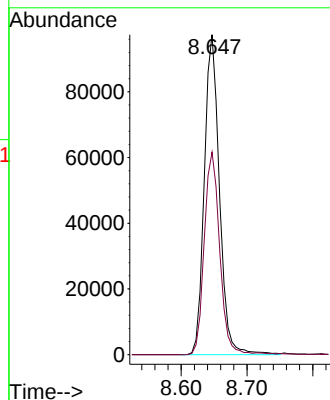
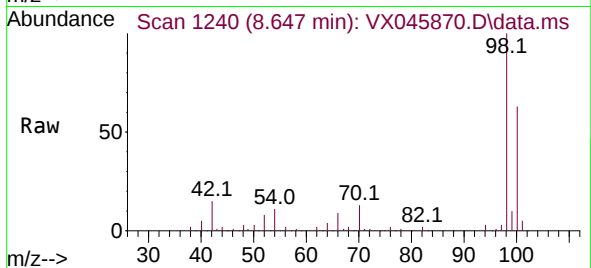




#50
Toluene-d8
Concen: 49.571 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

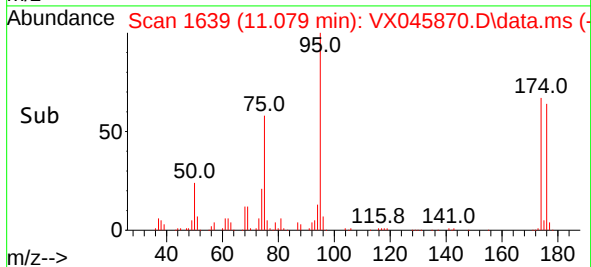
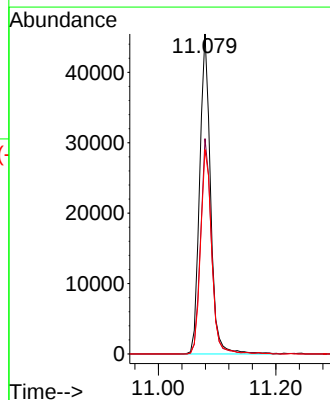
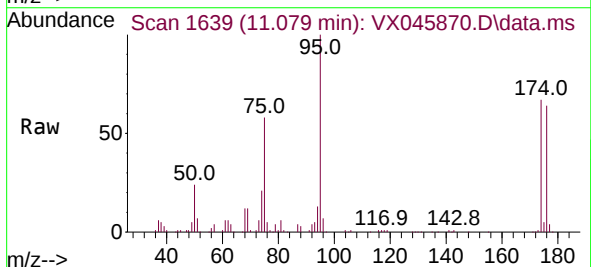
Instrument :
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OILY-LIQUIDS

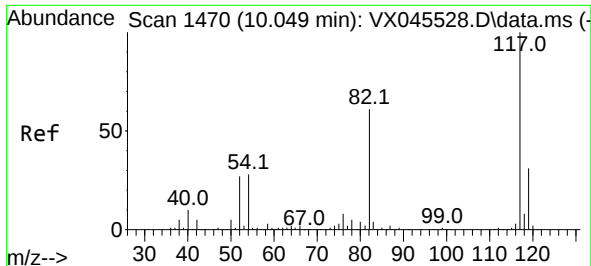
Tgt Ion: 98 Resp: 156073
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion: 95 Resp: 58394
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.6 0.0 131.4

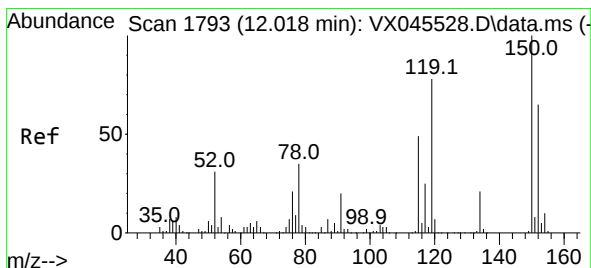
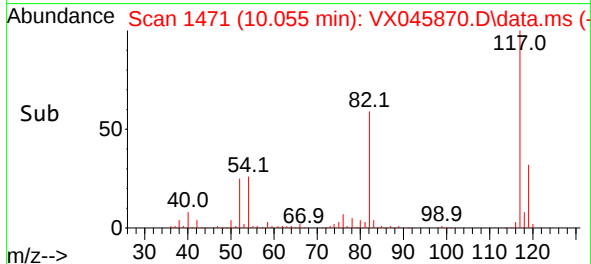
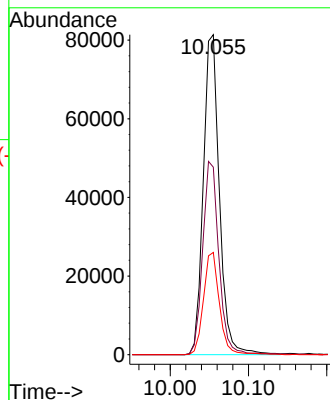
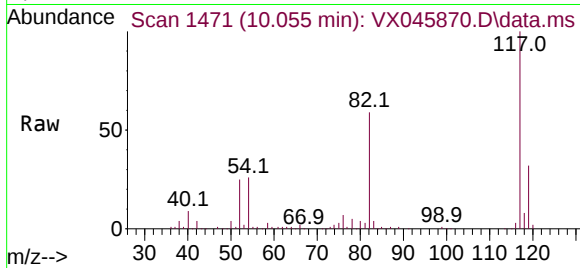




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

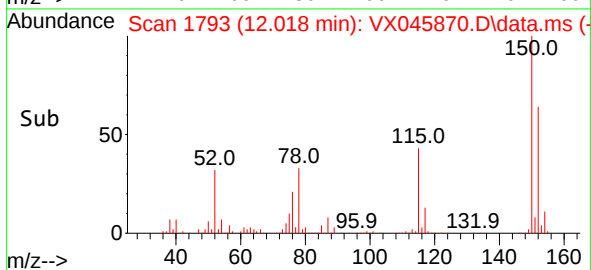
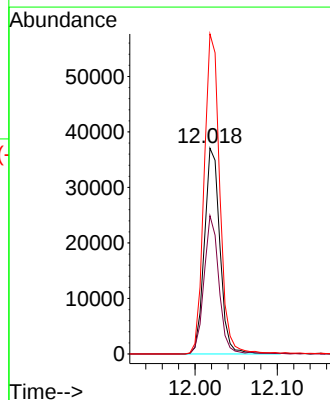
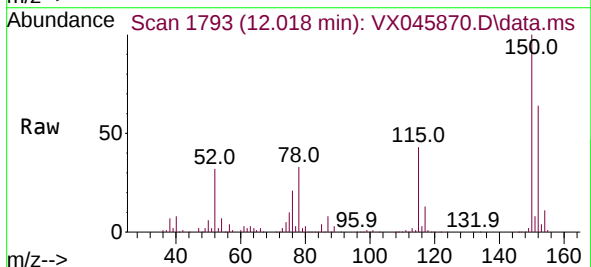
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

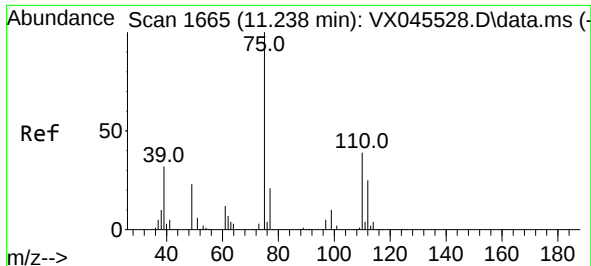
Tgt Ion:117 Resp: 116045
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion:152 Resp: 48543
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 157.8 0.0 349.4

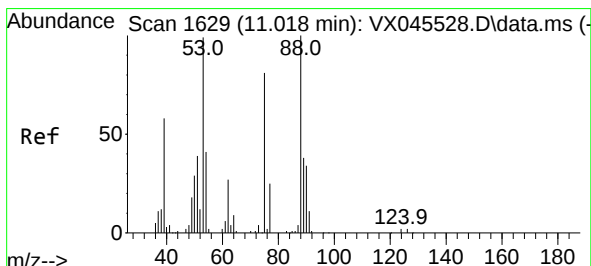
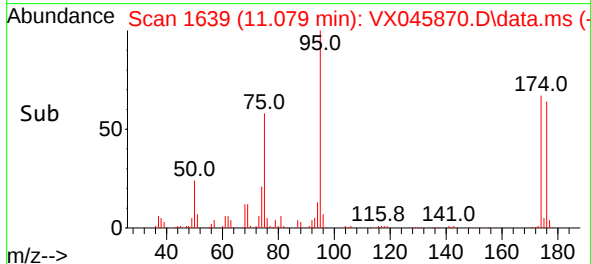
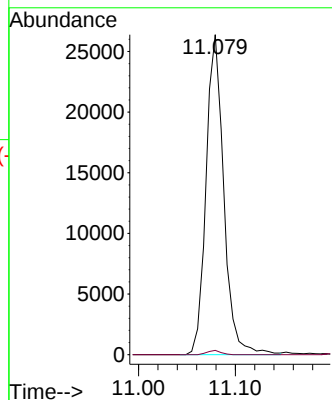
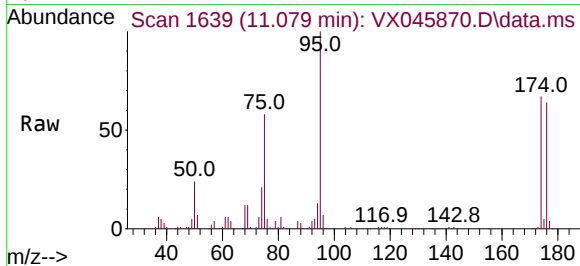




#76
1,2,3-Trichloropropane
Concen: 28.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

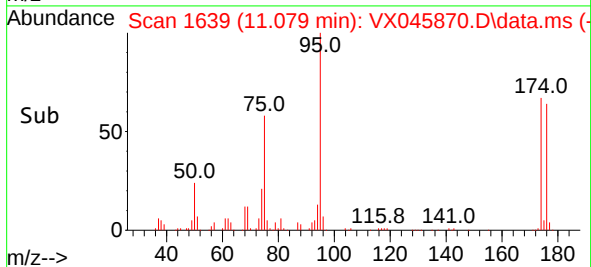
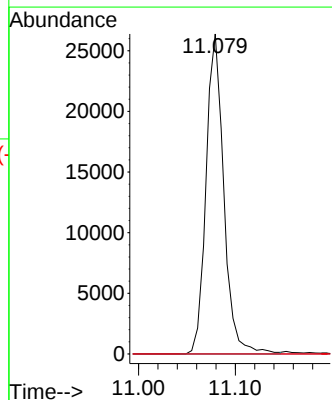
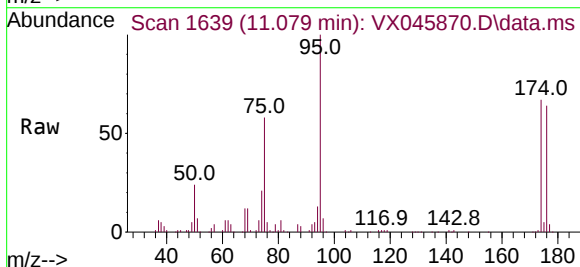
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

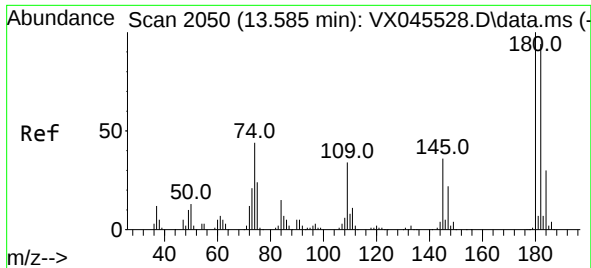
Tgt Ion: 75 Resp: 33711
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

Tgt Ion: 75 Resp: 33711
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

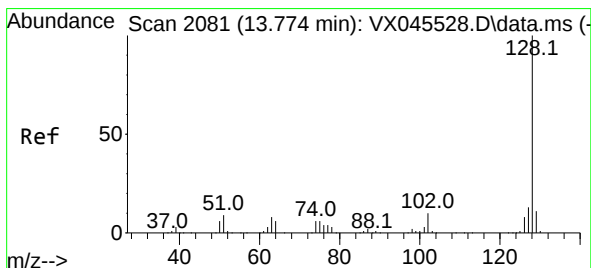
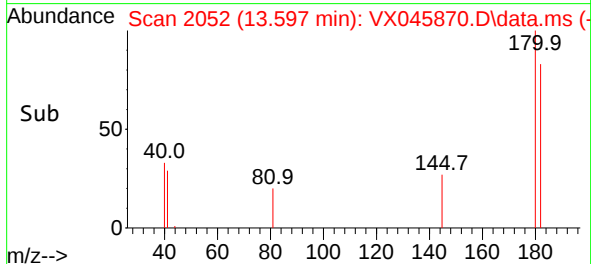
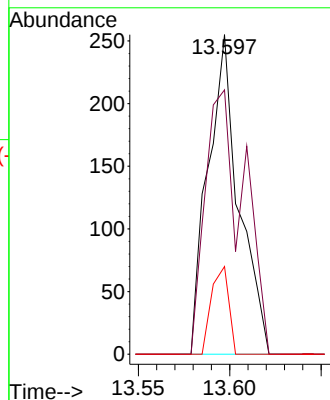
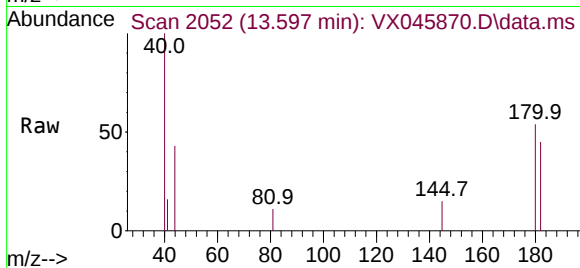




#93
1,2,4-Trichlorobenzene
Concen: 0.331 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

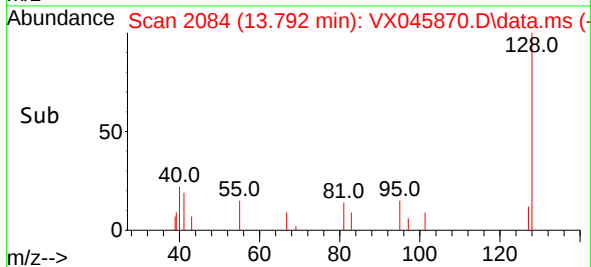
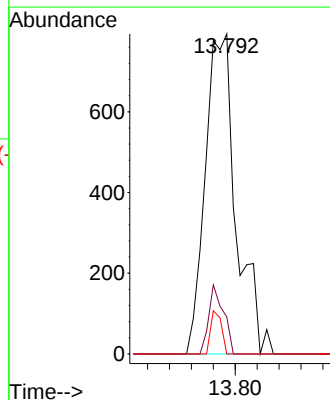
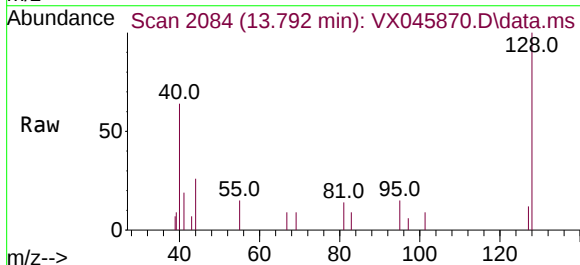
Instrument :
MSVOA_X
ClientSampleId :
OILY-LIQUIDS

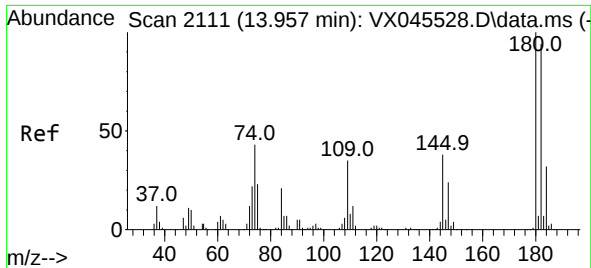
Tgt Ion:180 Resp: 300
Ion Ratio Lower Upper
180 100
182 102.3 47.9 143.6
145 15.3 17.9 53.8#



#95
Naphthalene
Concen: 0.459 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX045870.D
Acq: 21 Apr 2025 10:56

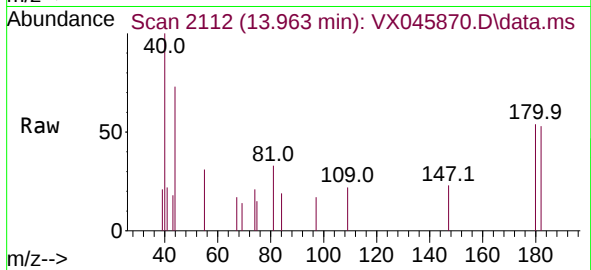
Tgt Ion:128 Resp: 1547
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5
129 4.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.288 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX045870.D
 Acq: 21 Apr 2025 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-LIQUIDS



Tgt Ion:	180	Resp:	273
Ion	Ratio	Lower	Upper
180	100		
182	119.0	47.3	141.8
145	28.6	18.2	54.6

