

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021565.D
 Acq On : 19 Mar 2025 12:40
 Operator : SY/MD
 Sample : Q1592-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: Mar 20 01:29:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

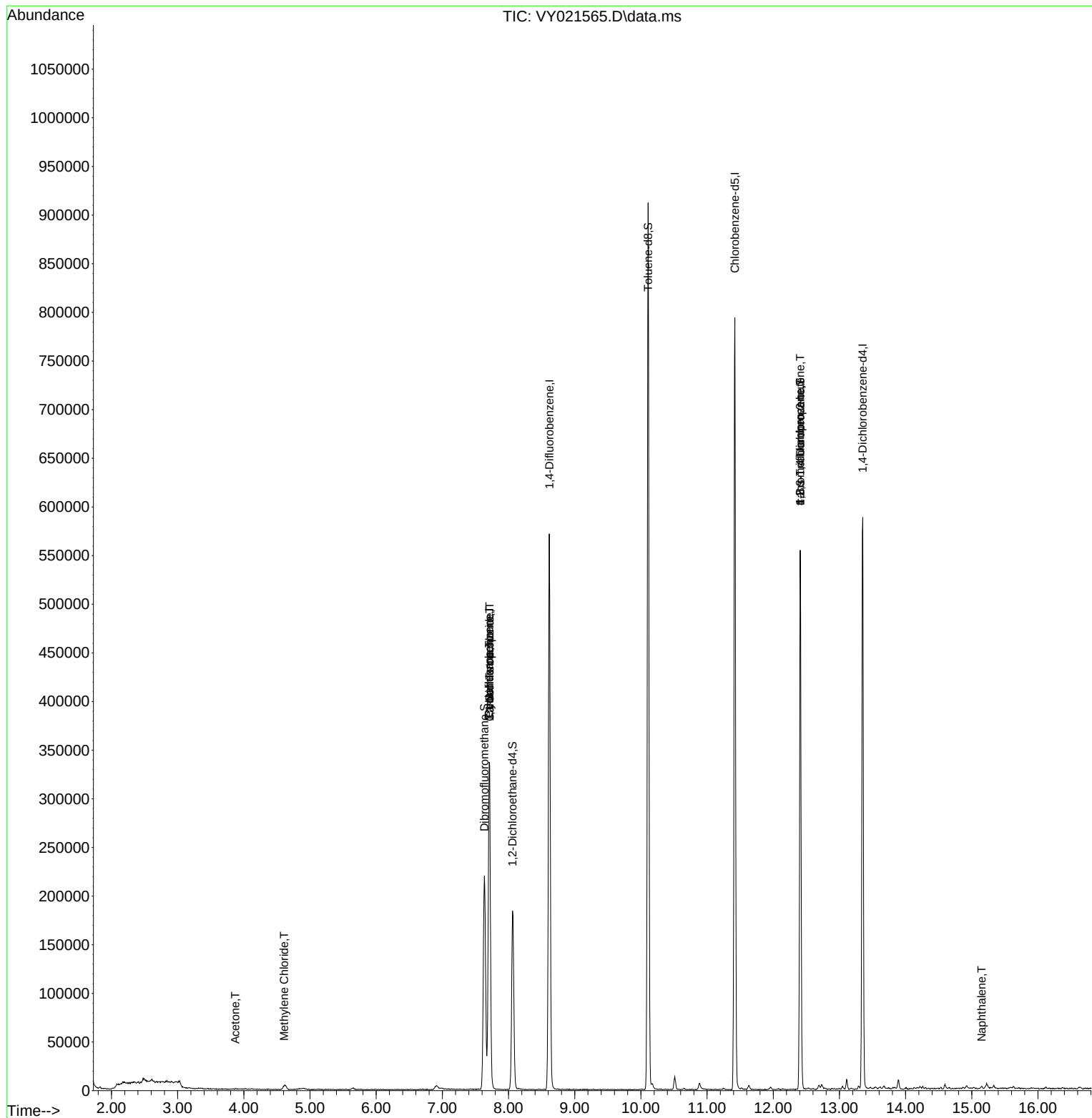
Internal Standards						
1) Pentafluorobenzene	7.707	168	253134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	466194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	406514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	146155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146236	54.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.634	113	157160	51.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.109	98	564936	48.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.407	95	162892	41.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	1019	Below Cal	#	72
16) Acetone	3.872	43	1134	1.943	ug/l #	73
20) Methylene Chloride	4.610	84	3318	1.083	ug/l	96
31) Cyclohexane	7.707	56	5933	1.184	ug/l #	15
36) 1,1-Dichloropropene	7.713	75	21526	4.488	ug/l #	50
38) Carbon Tetrachloride	7.713	117	26061	4.724	ug/l #	17
76) 1,2,3-Trichloropropane	12.407	75	84785	57.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	84785	130.870	ug/l #	9
95) Naphthalene	15.151	128	2146	1.991	ug/l #	86

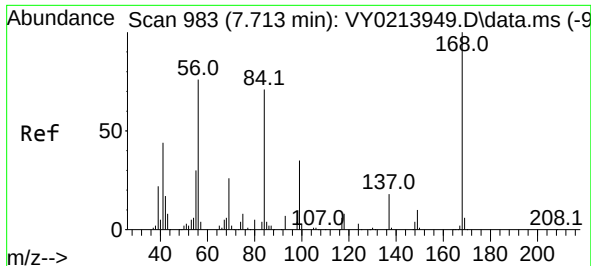
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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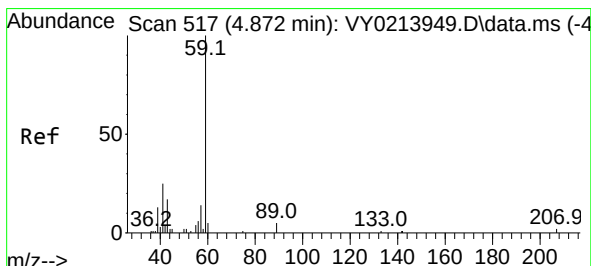
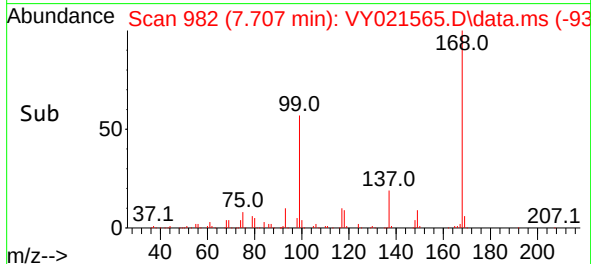
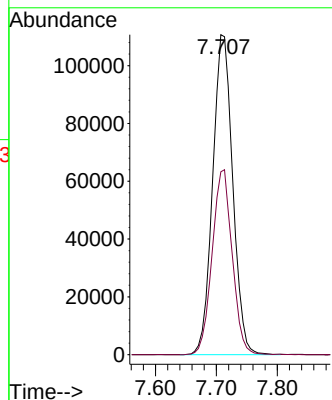
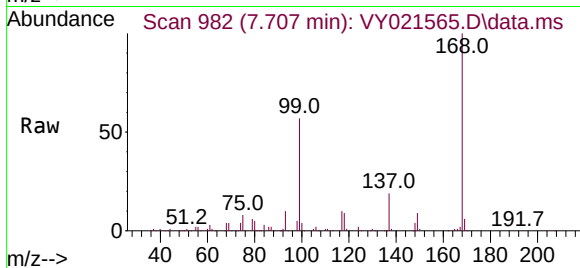




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

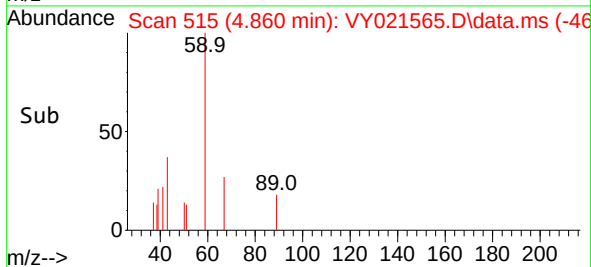
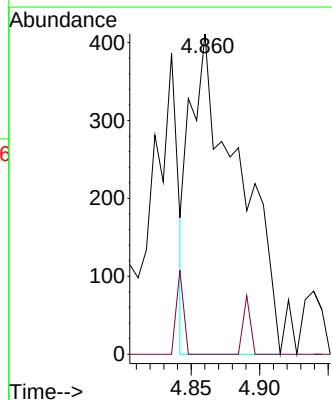
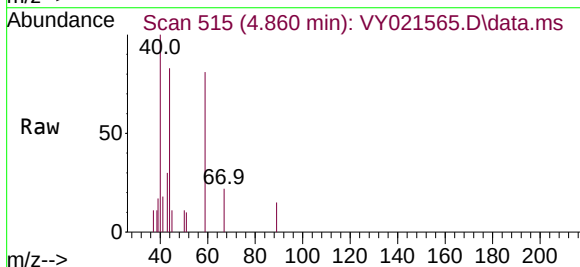
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-COMP

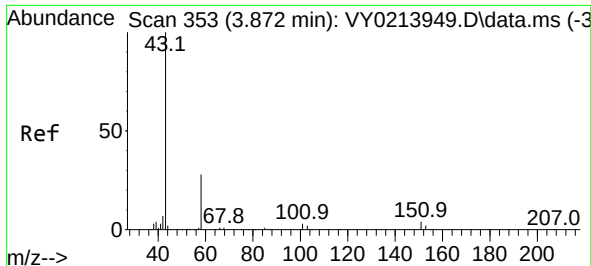
Tgt Ion:168 Resp: 253134
Ion Ratio Lower Upper
168 100
99 57.1 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 59 Resp: 1019
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

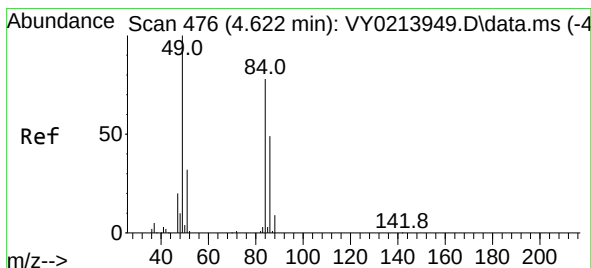
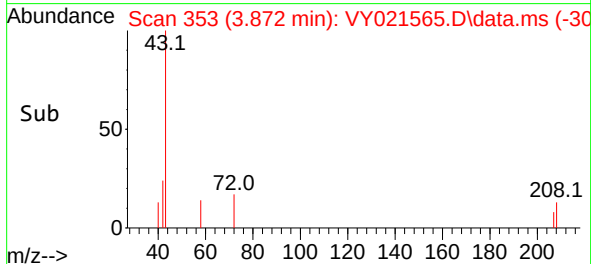
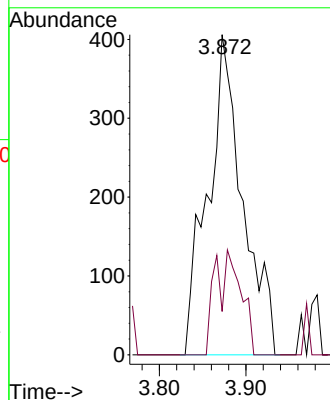
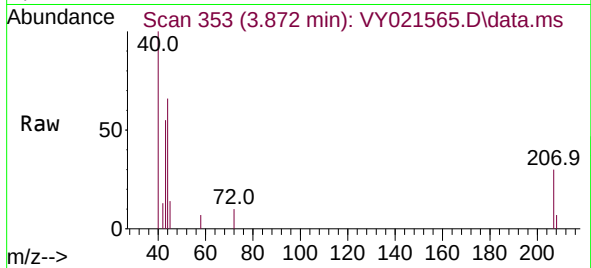




#16
Acetone
Concen: 1.943 ug/l
RT: 3.872 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

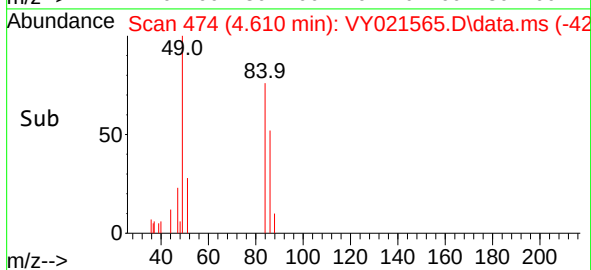
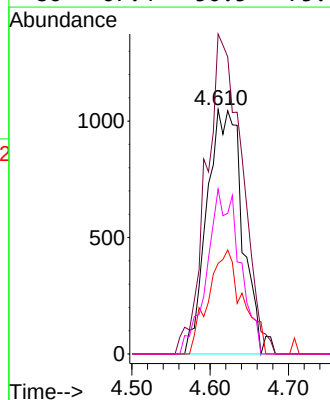
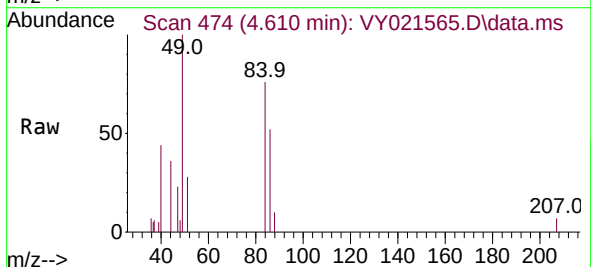
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ClientSampleId :
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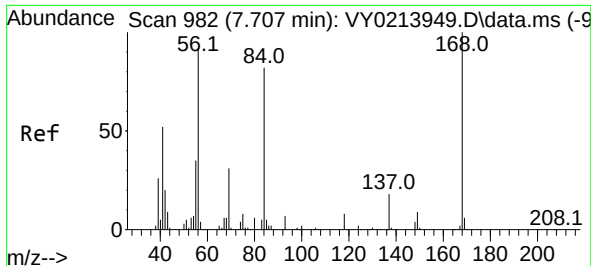
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 13.5 22.1 33.1#



#20
Methylene Chloride
Concen: 1.083 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 84 Resp: 3318
Ion Ratio Lower Upper
84 100
49 130.9 102.0 153.0
51 37.0 33.0 49.6
86 67.4 50.5 75.7

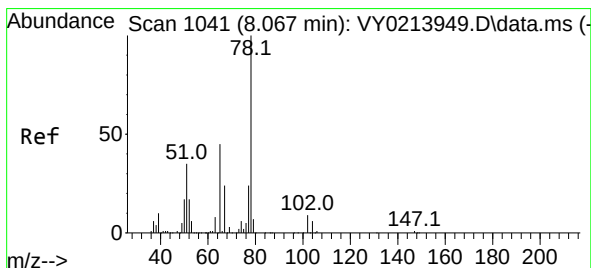
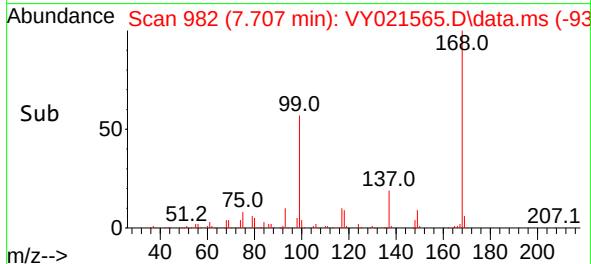
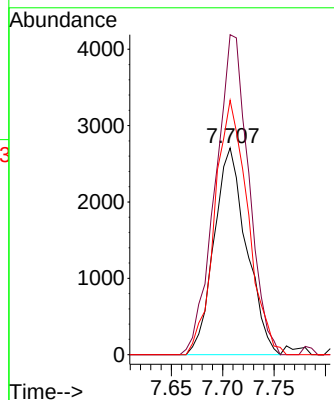
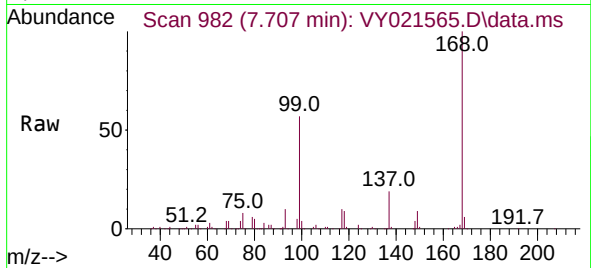




#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

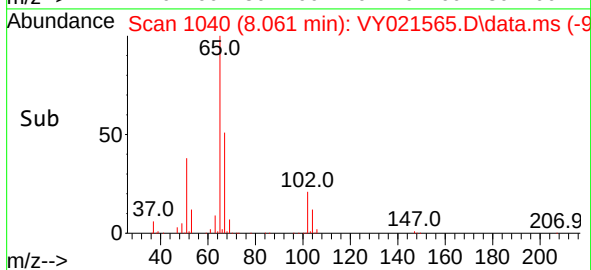
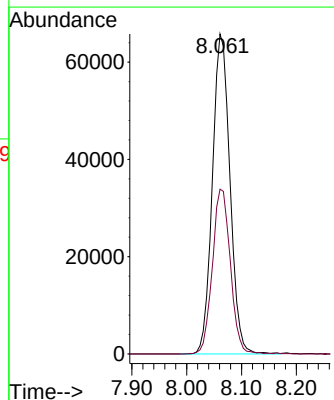
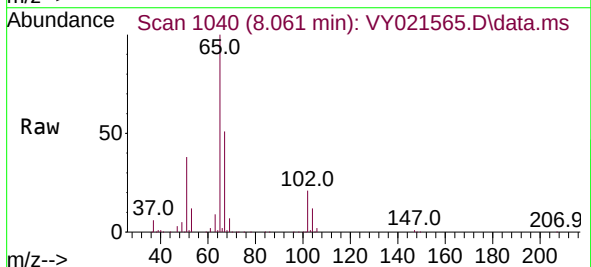
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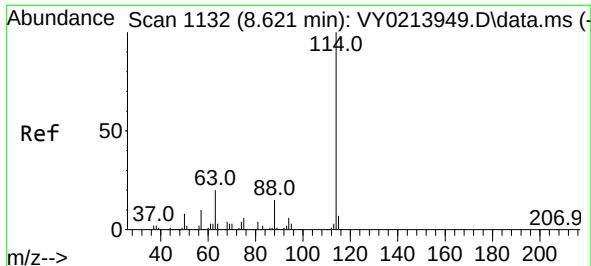
Tgt Ion: 56 Resp: 5933
Ion Ratio Lower Upper
56 100
69 154.8 27.0 40.4#
84 123.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 54.658 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 65 Resp: 146236
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.8

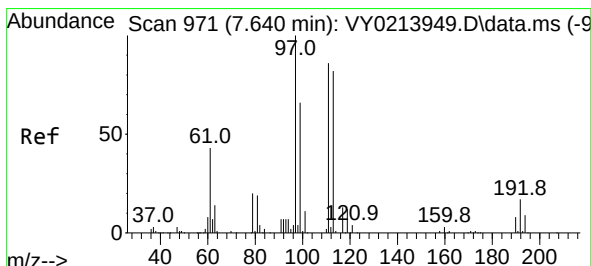
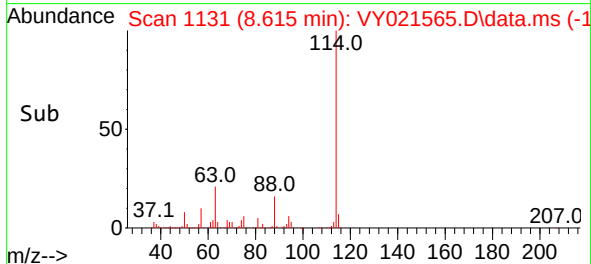
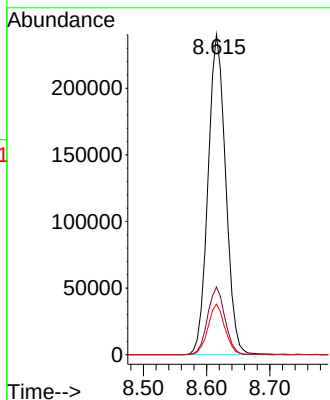
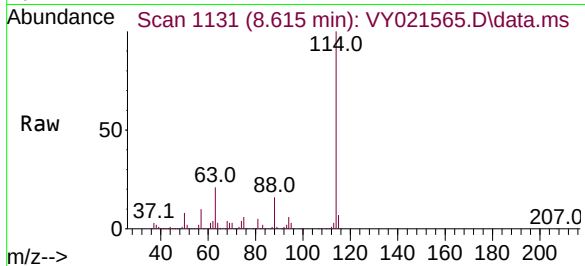




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

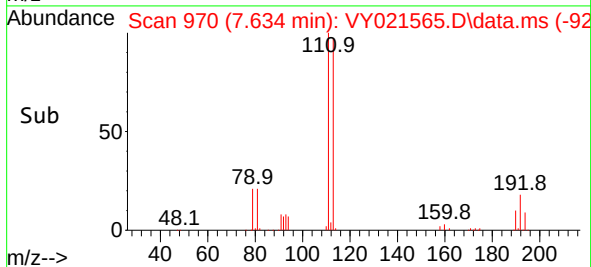
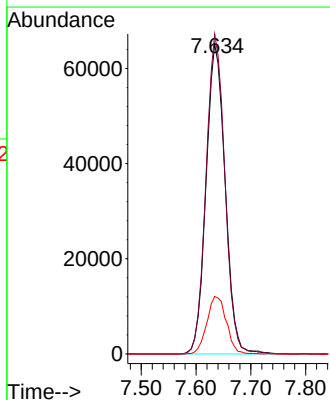
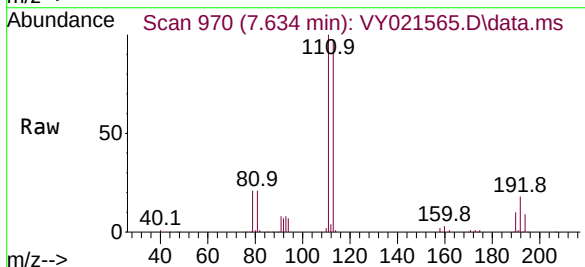
Instrument :
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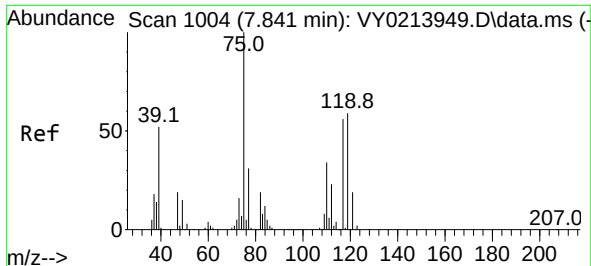
Tgt Ion:114 Resp: 466194
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion:113 Resp: 157160
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 18.9 15.9 23.9

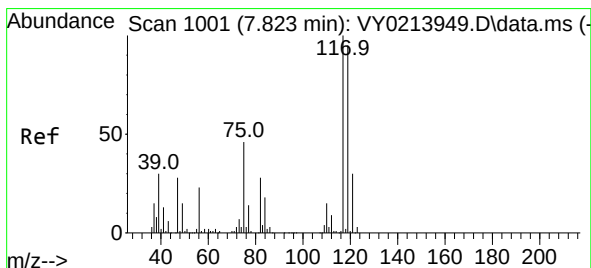
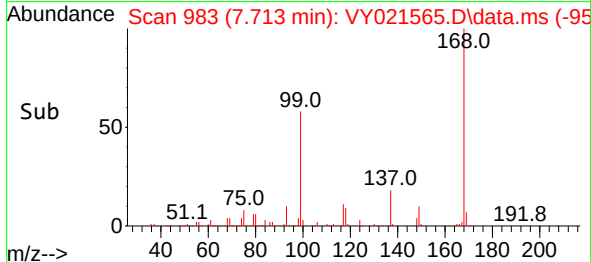
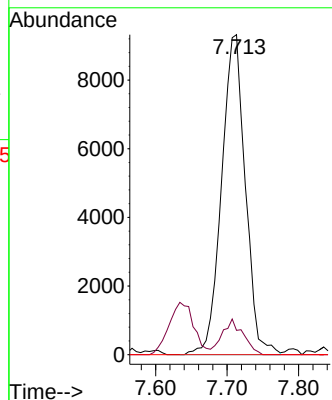
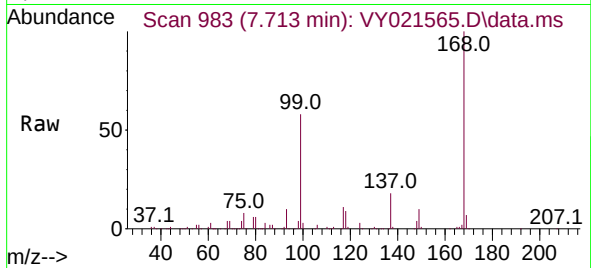




#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

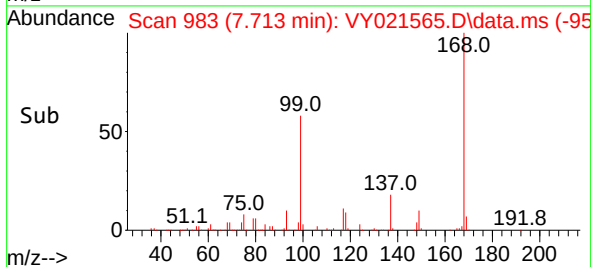
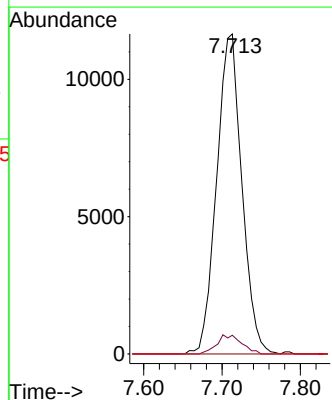
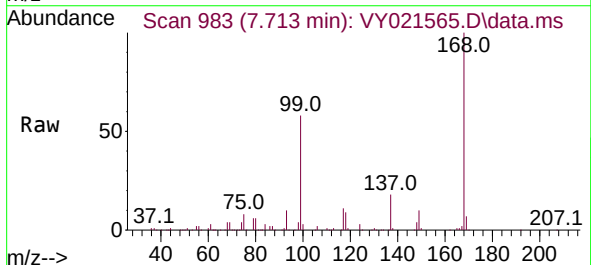
Instrument :
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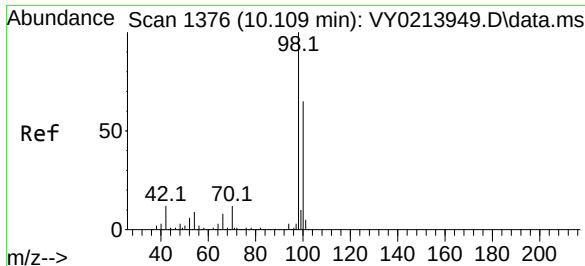
Tgt Ion: 75 Resp: 21526
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.724 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 117 Resp: 26061
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 23.9 35.9#

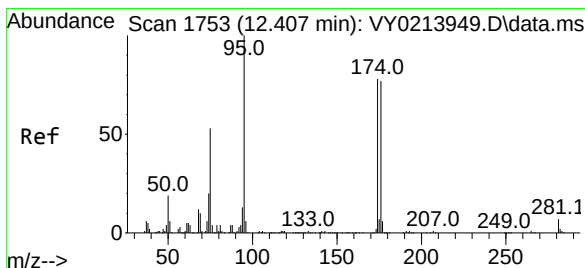
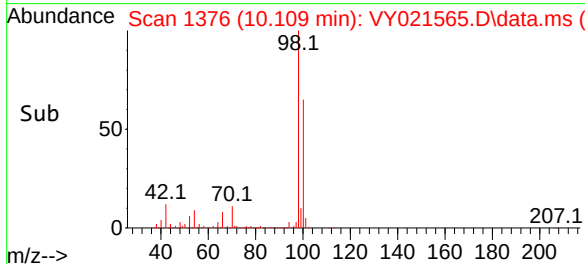
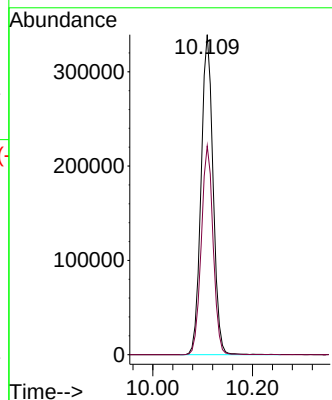
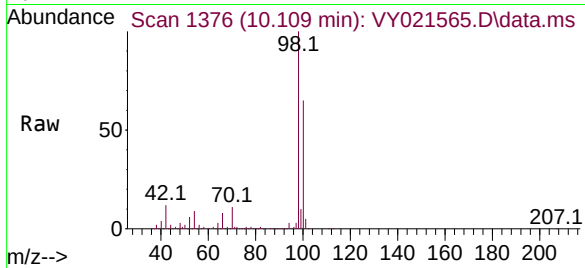




#50
Toluene-d8
Concen: 48.690 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

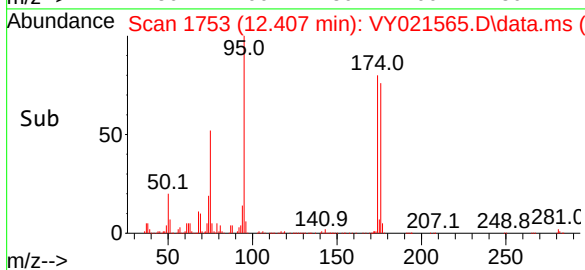
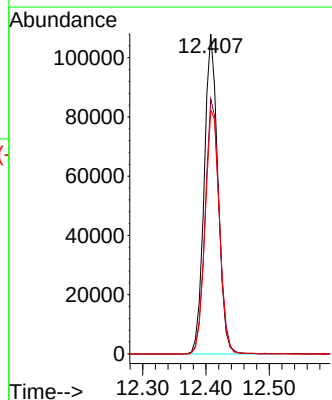
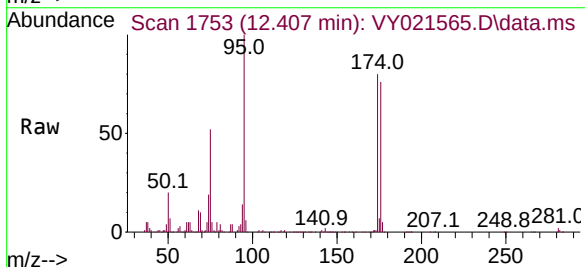
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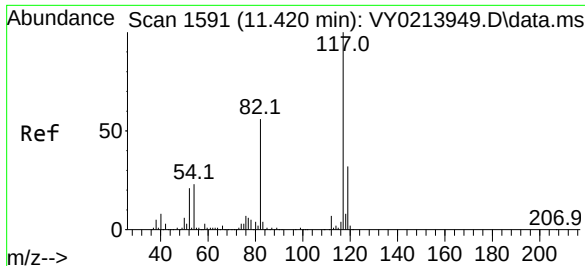
Tgt Ion: 98 Resp: 564936
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.273 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 95 Resp: 162892
Ion Ratio Lower Upper
95 100
174 82.1 0.0 165.0
176 79.4 0.0 160.0

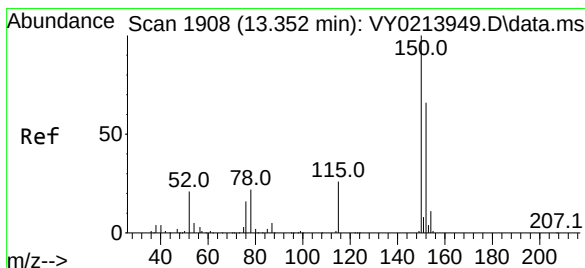
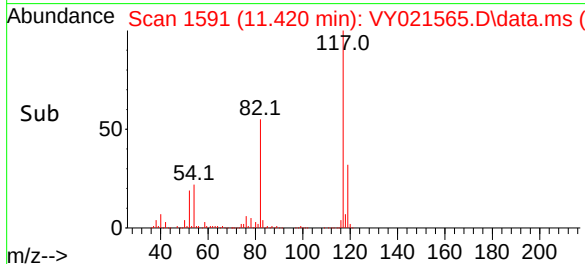
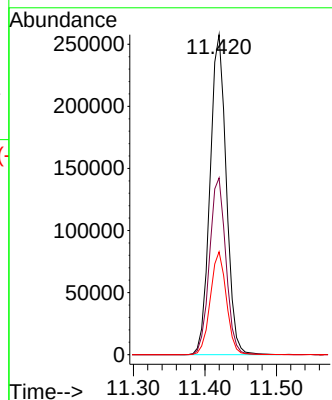
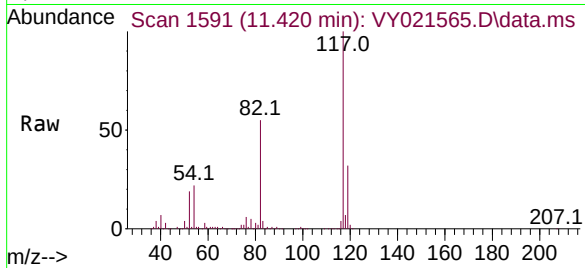




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

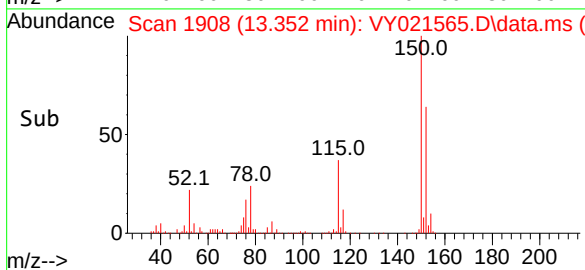
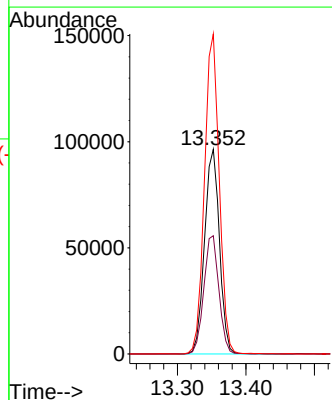
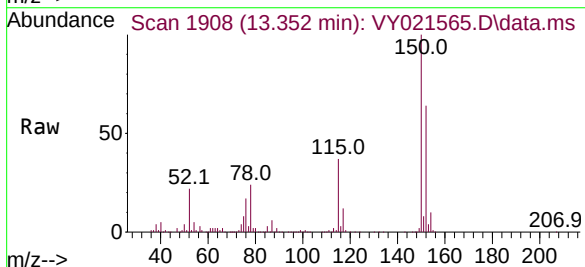
Instrument :
MSVOA_Y
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OILY-DEBRIS-COMP

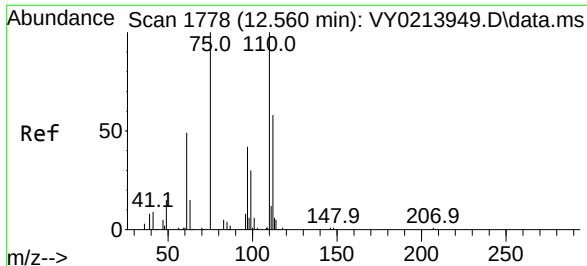
Tgt Ion:117 Resp: 406514
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion:152 Resp: 146155
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 154.8 0.0 347.2

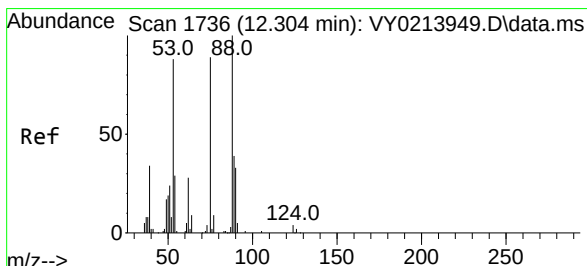
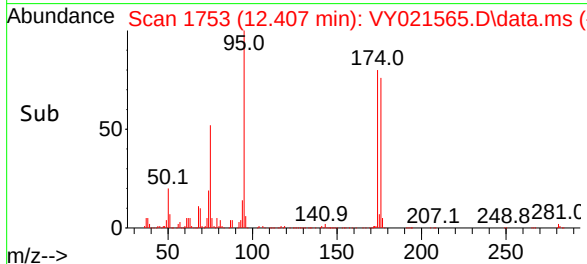
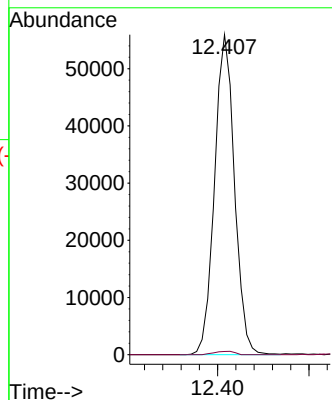
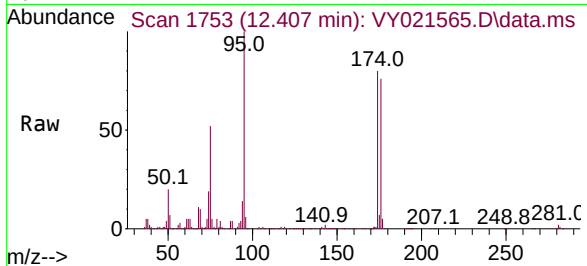




#76
1,2,3-Trichloropropane
Concen: 57.568 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

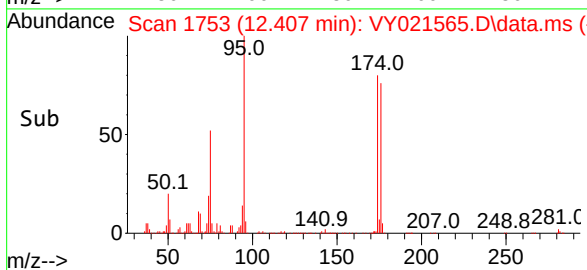
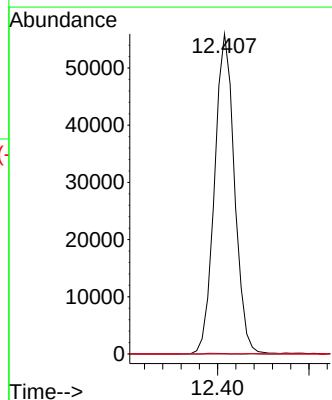
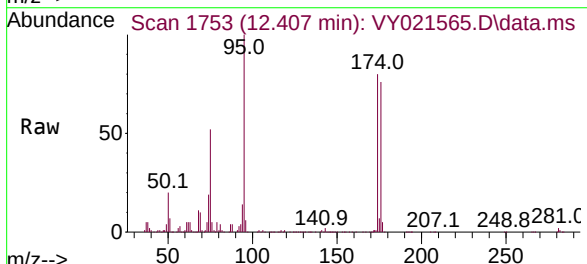
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-COMP

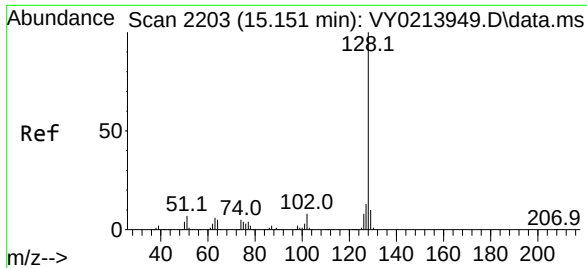
Tgt Ion: 75 Resp: 84785
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.870 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021565.D
Acq: 19 Mar 2025 12:40

Tgt Ion: 75 Resp: 84785
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.991 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY021565.D

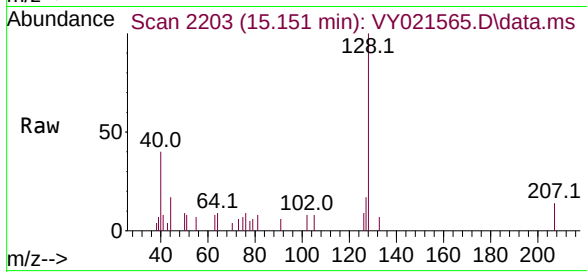
Acq: 19 Mar 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-COMP



Tgt Ion:128 Resp: 2146

Ion Ratio Lower Upper

128 100

127 16.1 10.6 15.8#

129 2.6 8.6 13.0#

