

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021452.D
 Acq On : 07 Mar 2025 10:35
 Operator : SY/MD
 Sample : VY0307SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBL01

Quant Time: Mar 07 21:59:55 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)

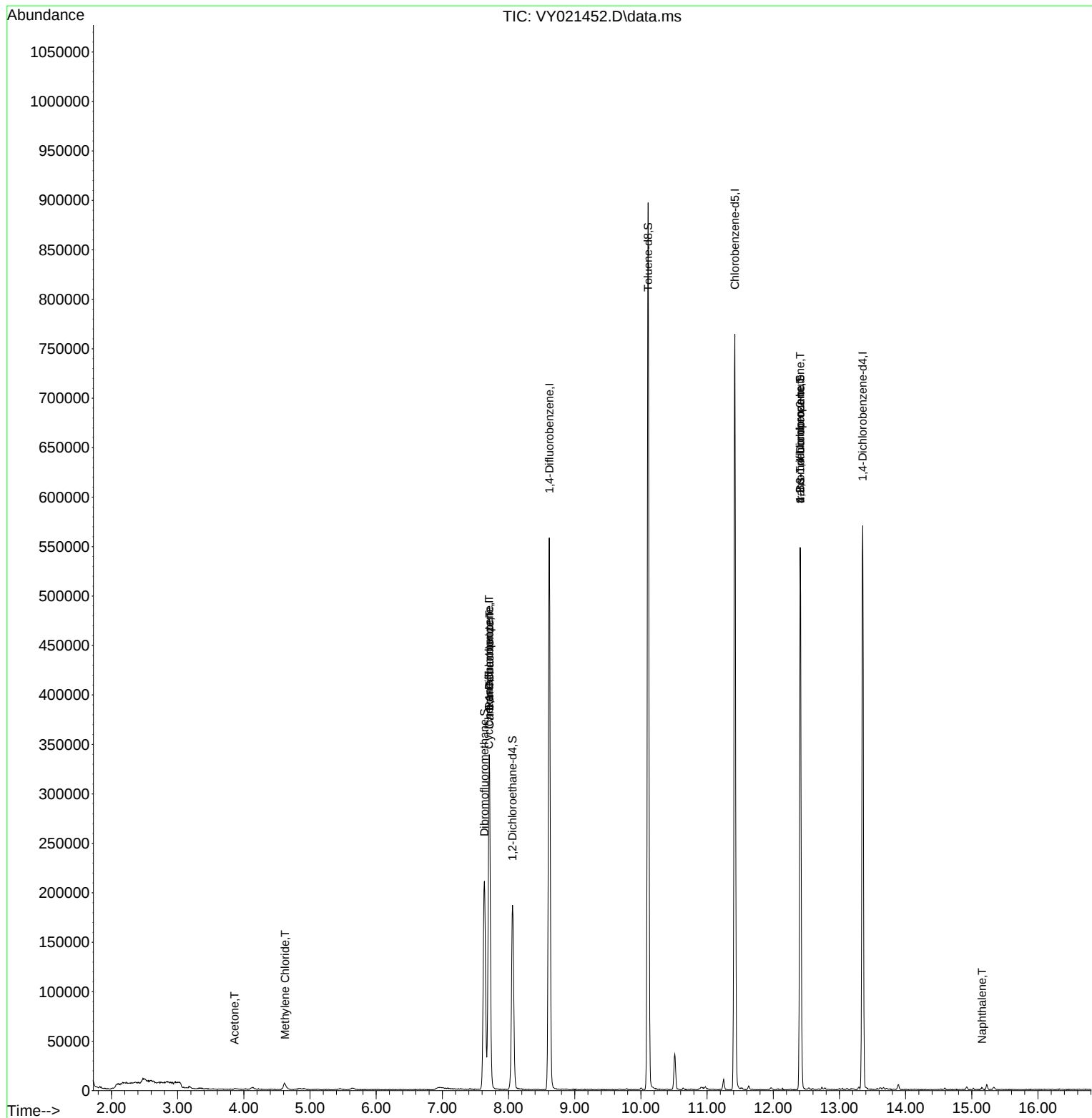
Internal Standards							
1) Pentafluorobenzene		7.707	168	247432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.616	114	455944	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.420	117	386511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.352	152	140975	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.061	65	144872	55.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%	
35) Dibromofluoromethane		7.634	113	150461	50.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%	
50) Toluene-d8		10.109	98	550853	48.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%	
62) 4-Bromofluorobenzene		12.408	95	154713	40.081	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.160%	
Target Compounds							
11) Tert butyl alcohol		4.842	59	1103	Below Cal	#	79
16) Acetone		3.860	43	1707	2.993	ug/l #	74
20) Methylene Chloride		4.622	84	3988	1.332	ug/l	99
31) Cyclohexane		7.701	56	6003	1.226	ug/l #	33
36) 1,1-Dichloropropene		7.707	75	20456	4.360	ug/l #	50
38) Carbon Tetrachloride		7.713	117	26399	4.893	ug/l #	18
76) 1,2,3-Trichloropropane		12.408	75	85413	60.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.408	75	85413	136.684	ug/l #	9
95) Naphthalene		15.157	128	1901	1.946	ug/l #	95

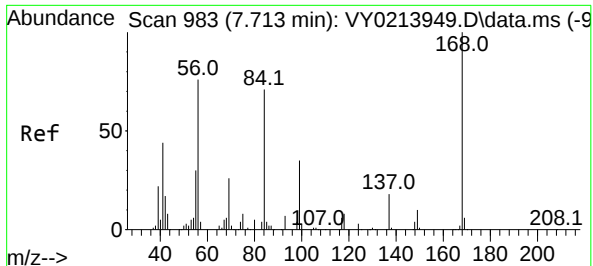
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

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Response via : Initial Calibration

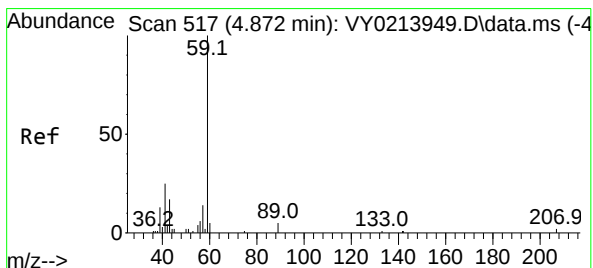
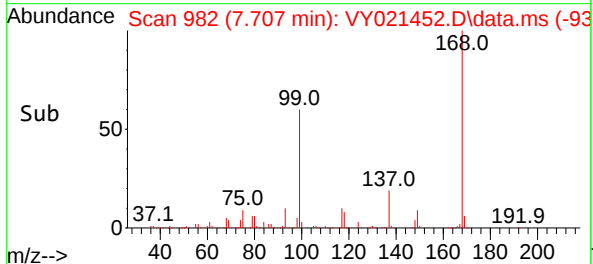
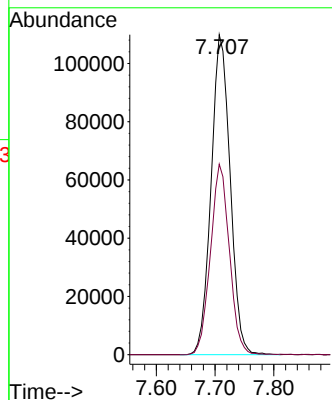
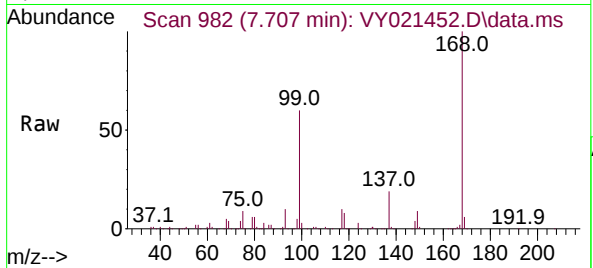




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

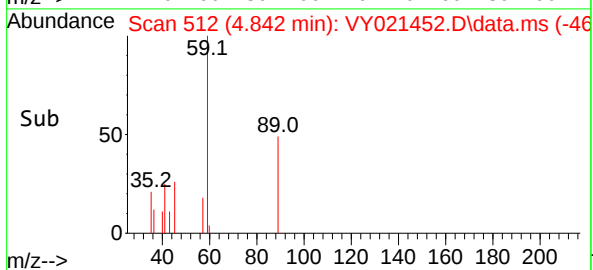
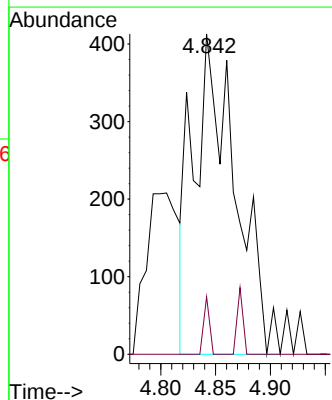
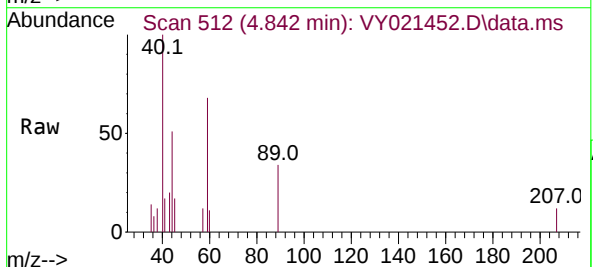
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

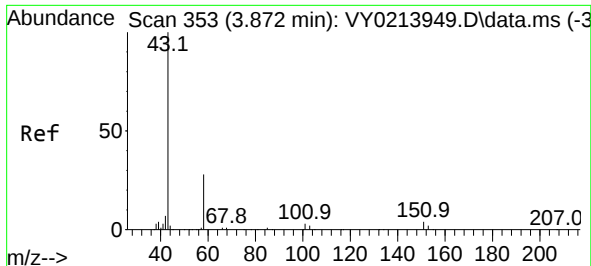
Tgt Ion:168 Resp: 247432
Ion Ratio Lower Upper
168 100
99 59.5 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 59 Resp: 1103
Ion Ratio Lower Upper
59 100
57 2.4 8.2 12.4#

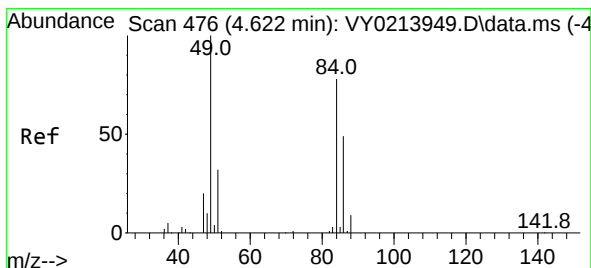
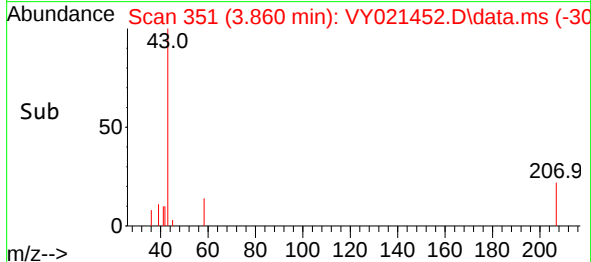
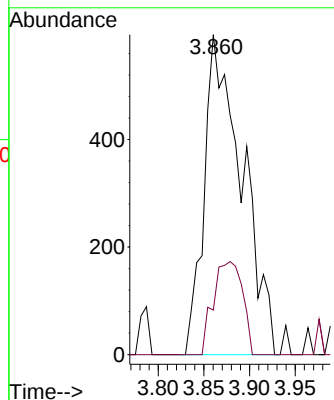
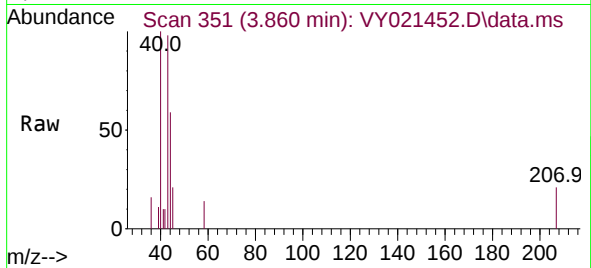




#16
Acetone
Concen: 2.993 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

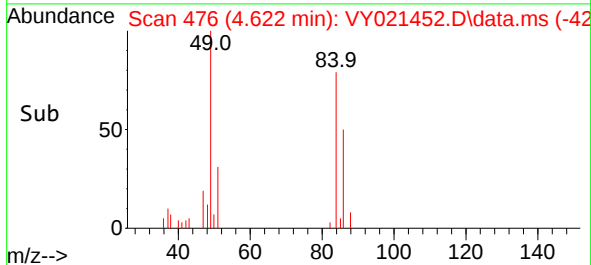
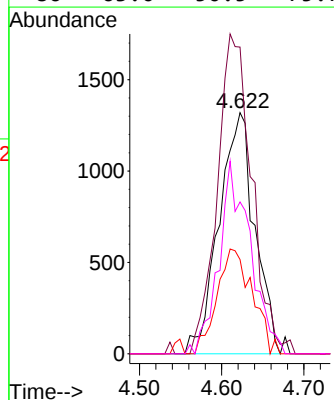
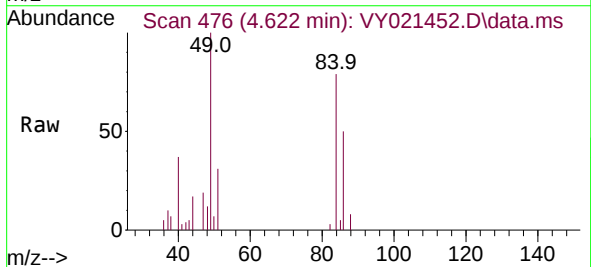
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

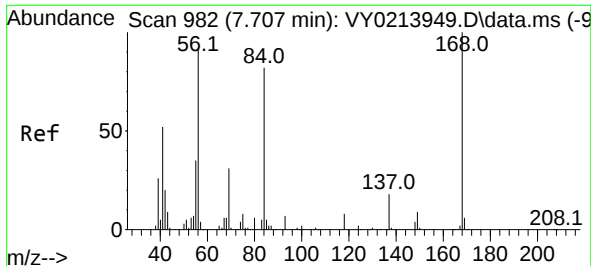
Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
58 13.9 22.1 33.1#



#20
Methylene Chloride
Concen: 1.332 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 84 Resp: 3988
Ion Ratio Lower Upper
84 100
49 127.2 102.0 153.0
51 39.1 33.0 49.6
86 63.0 50.5 75.7

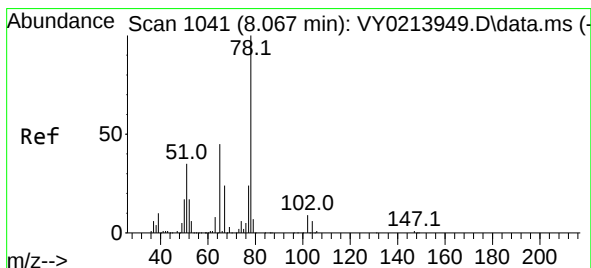
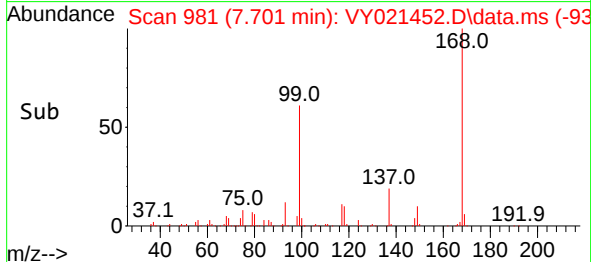
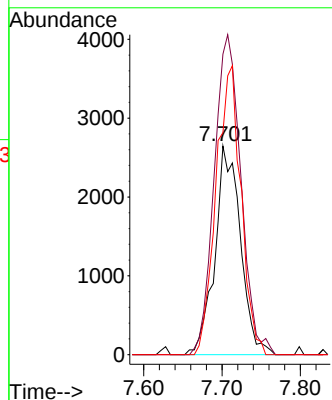
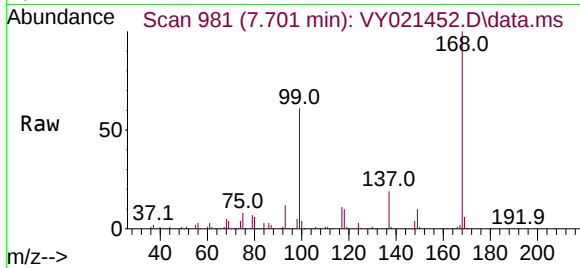




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

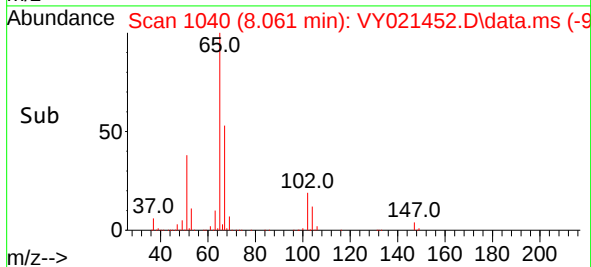
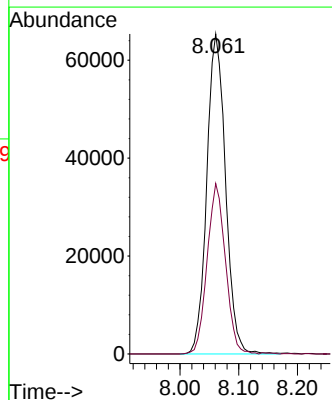
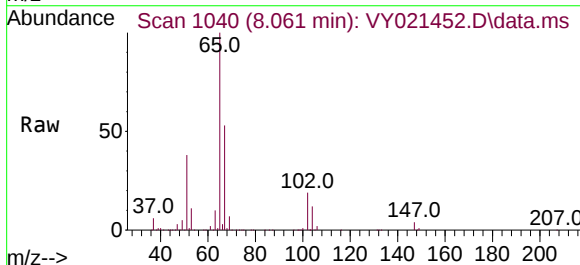
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

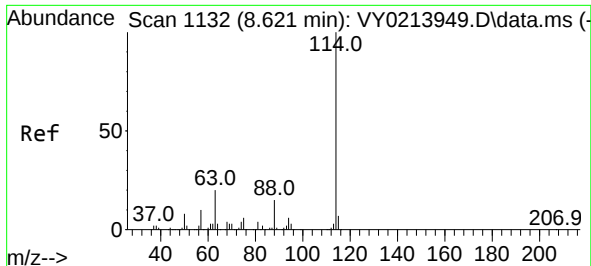
Tgt Ion: 56 Resp: 6003
Ion Ratio Lower Upper
56 100
69 144.1 27.0 40.4#
84 106.4 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 55.396 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 65 Resp: 144872
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

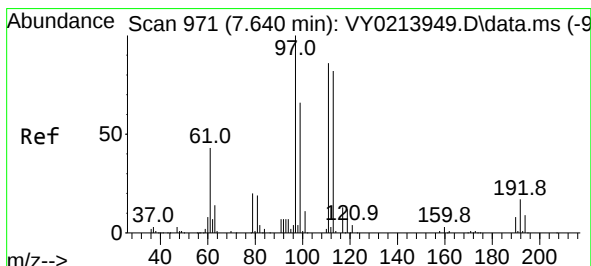
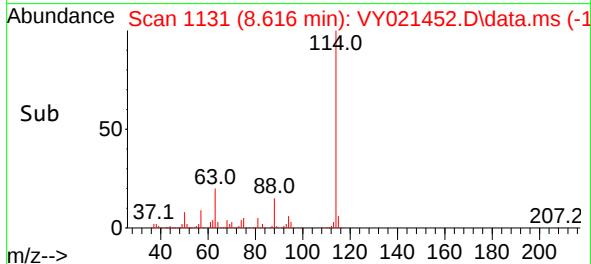
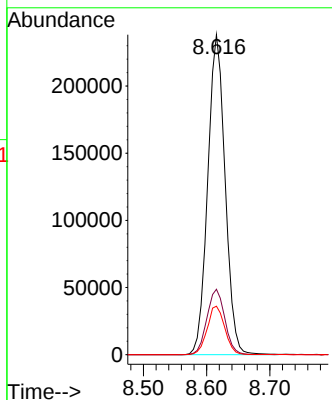
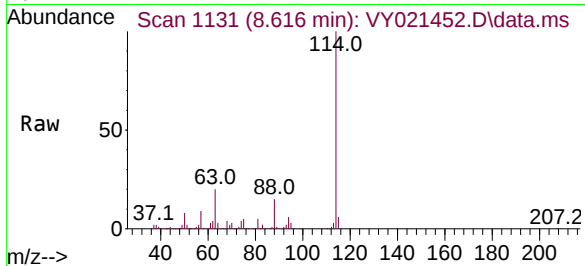




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

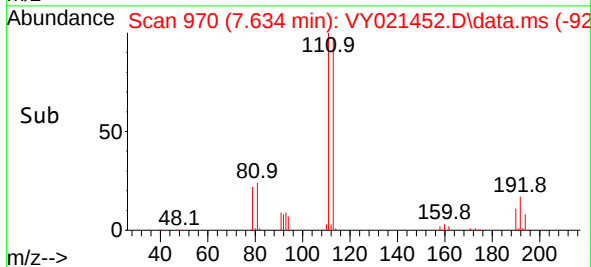
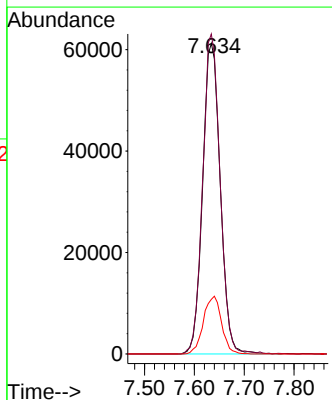
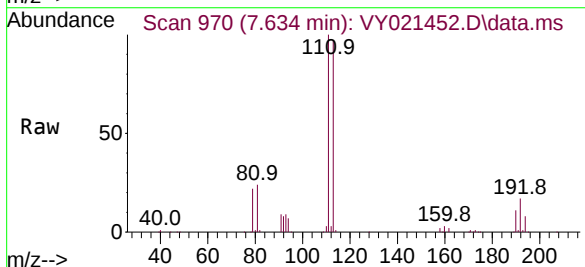
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

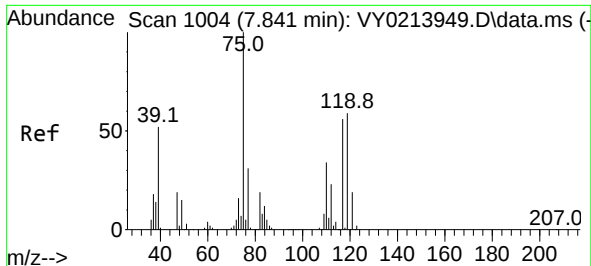
Tgt Ion:114	Resp: 455944
Ion Ratio	Lower Upper
114 100	
63 20.4	0.0 40.8
88 15.1	0.0 30.8



#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion:113	Resp:	150461	
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	19.1	15.9	23.9

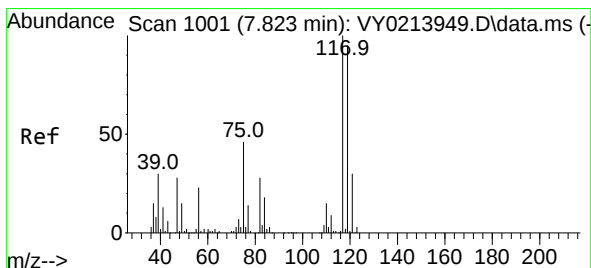
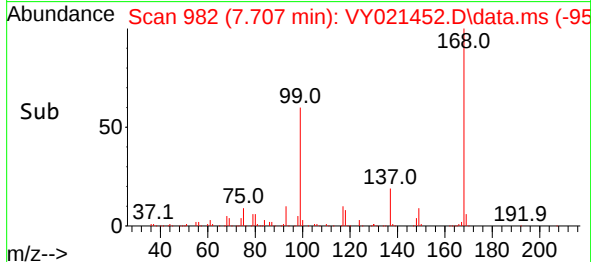
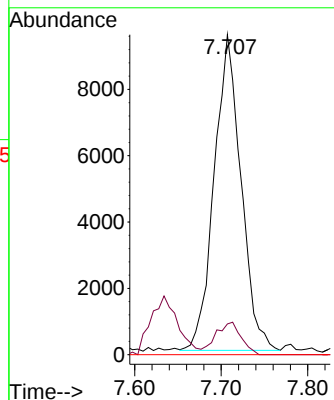
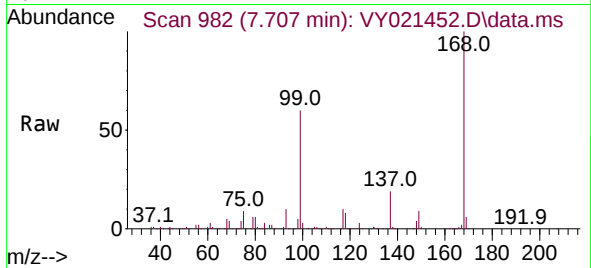




#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

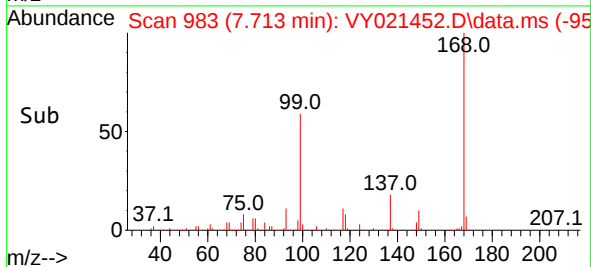
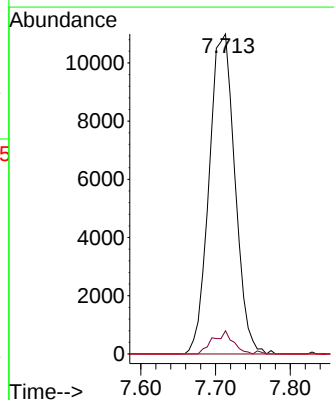
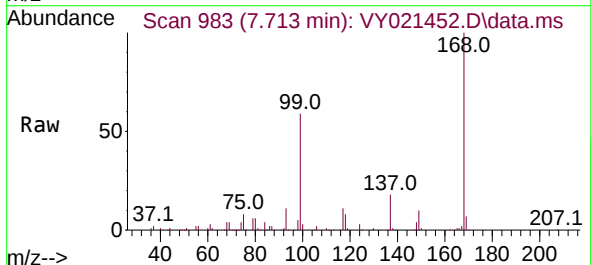
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ClientSampleId :
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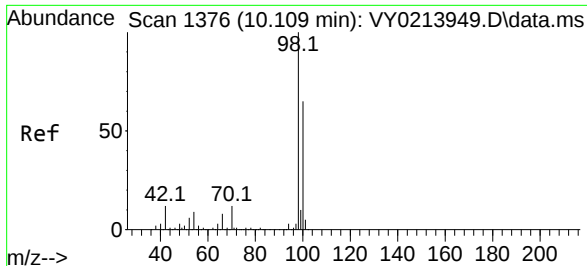
Tgt Ion: 75 Resp: 20456
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.893 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 117 Resp: 26399
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.8#
121 0.0 23.9 35.9#

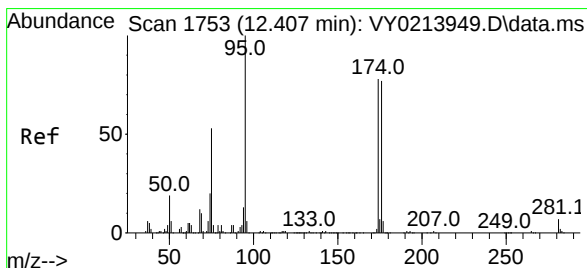
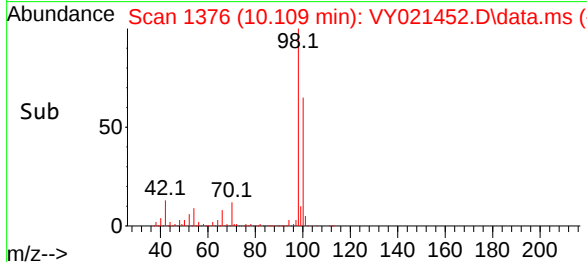
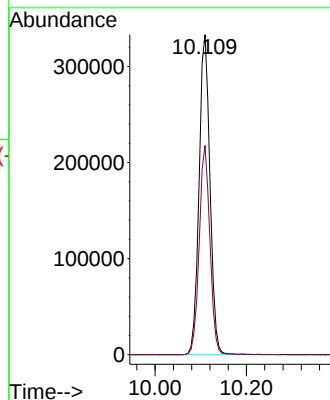
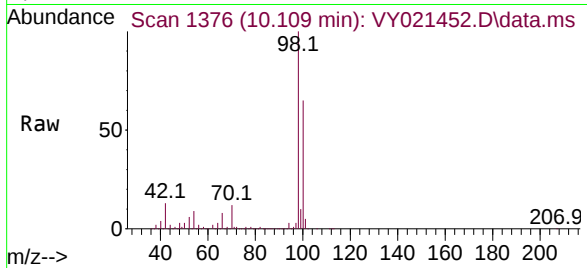




#50
Toluene-d8
Concen: 48.544 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

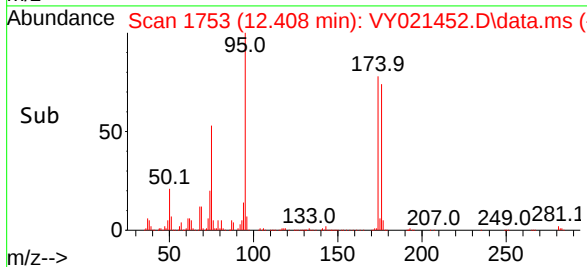
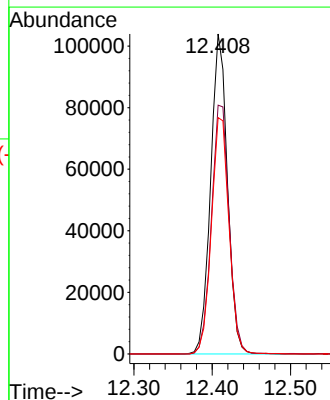
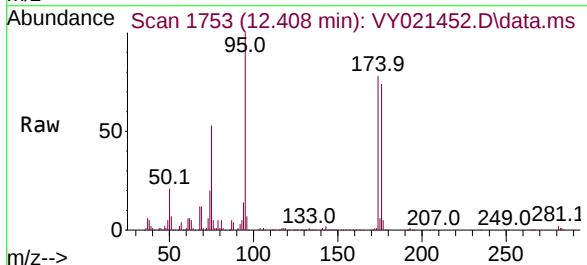
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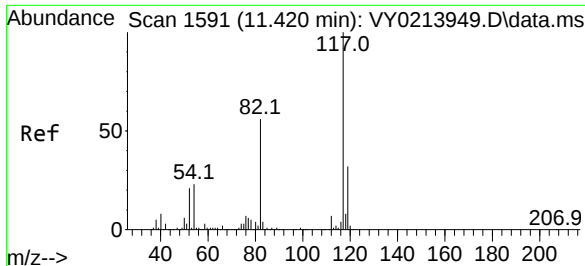
Tgt Ion: 98 Resp: 550853
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.081 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 95 Resp: 154713
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.0
176 77.4 0.0 160.0

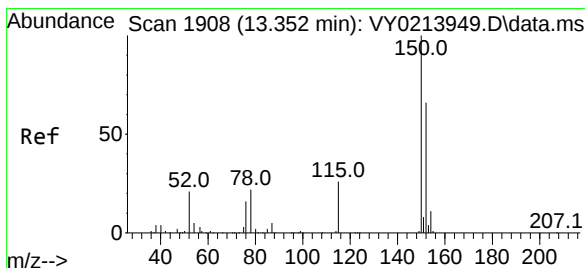
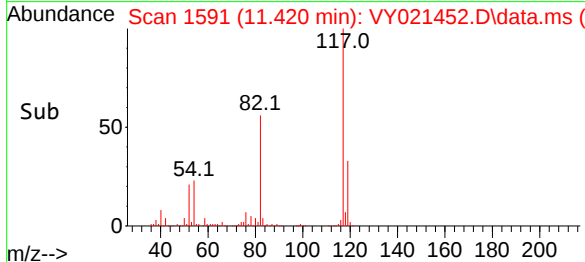
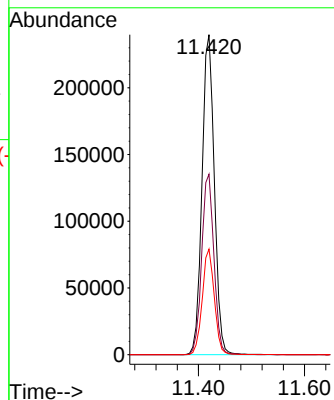
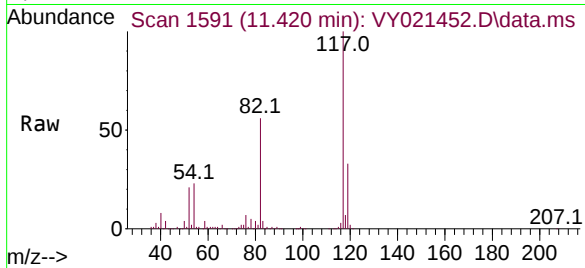




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

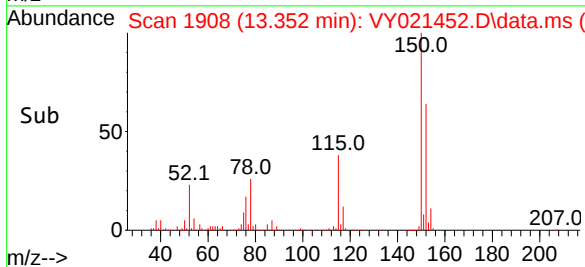
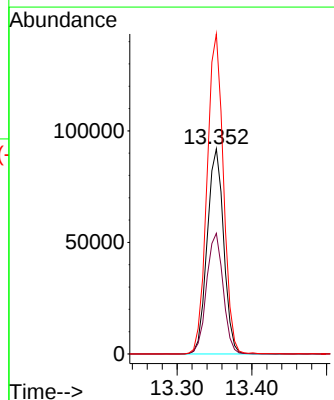
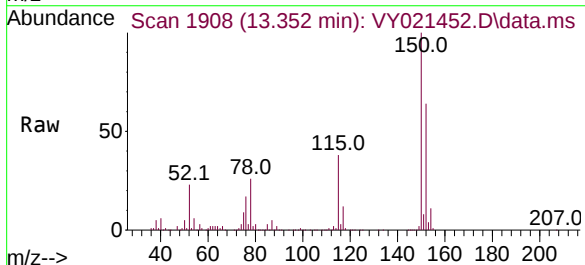
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

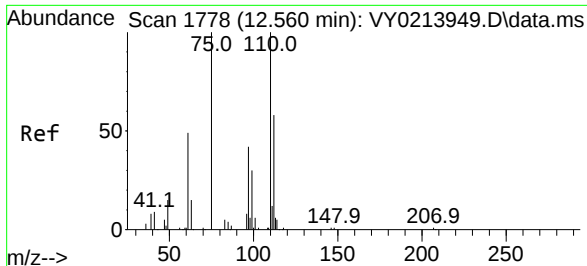
Tgt Ion:117 Resp: 386511
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion:152 Resp: 140975
Ion Ratio Lower Upper
152 100
115 59.2 29.0 87.0
150 155.2 0.0 347.2

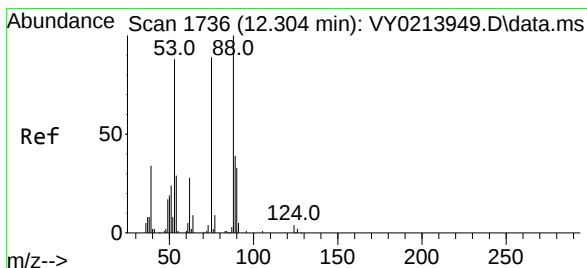
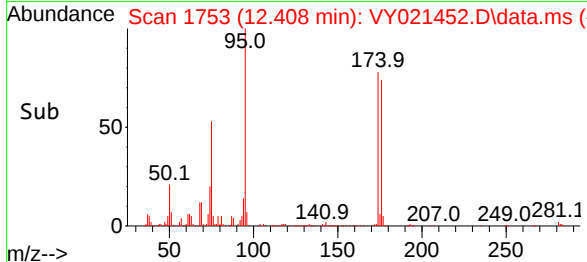
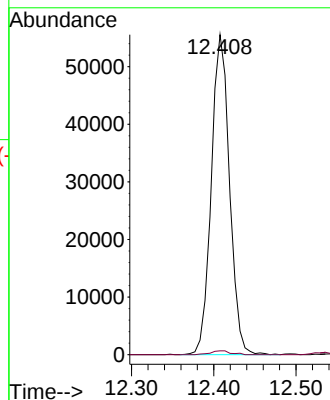
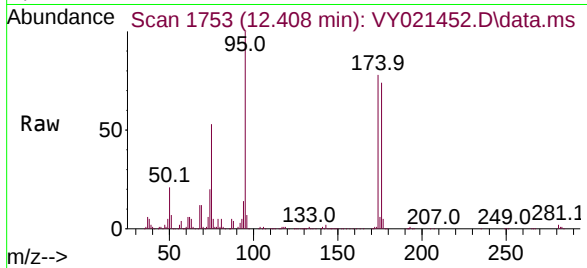




#76
1,2,3-Trichloropropane
Concen: 60.125 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

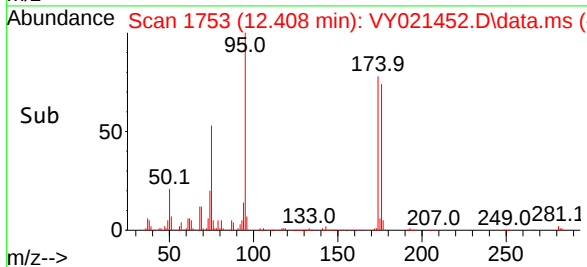
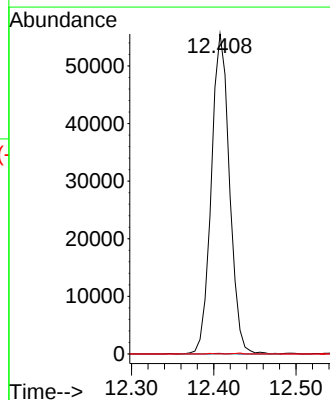
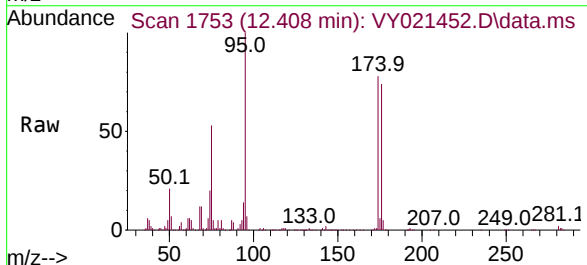
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

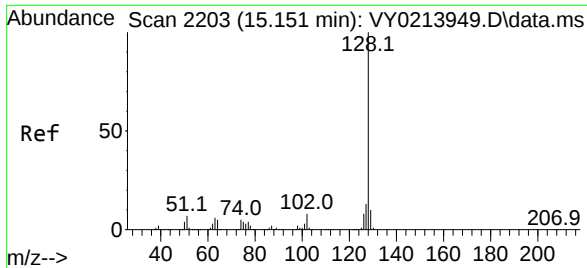
Tgt Ion: 75 Resp: 85413
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 75 Resp: 85413
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.946 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021452.D

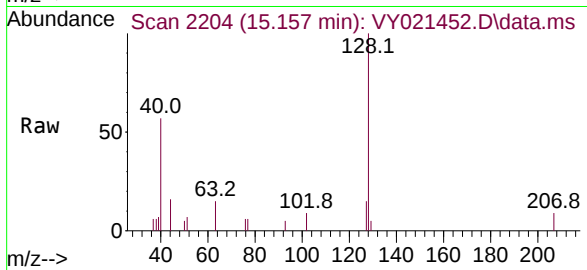
Acq: 07 Mar 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBL01



Tgt Ion:	128	Resp:	1901
Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.6	15.8#
129	10.5	8.6	13.0

