

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021506.D
 Acq On : 12 Mar 2025 13:59
 Operator : SY/MD
 Sample : Q1547-02
 Misc : 5.12g/5.2mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-620-JB-VOC-01

Quant Time: Mar 13 01:37:12 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)

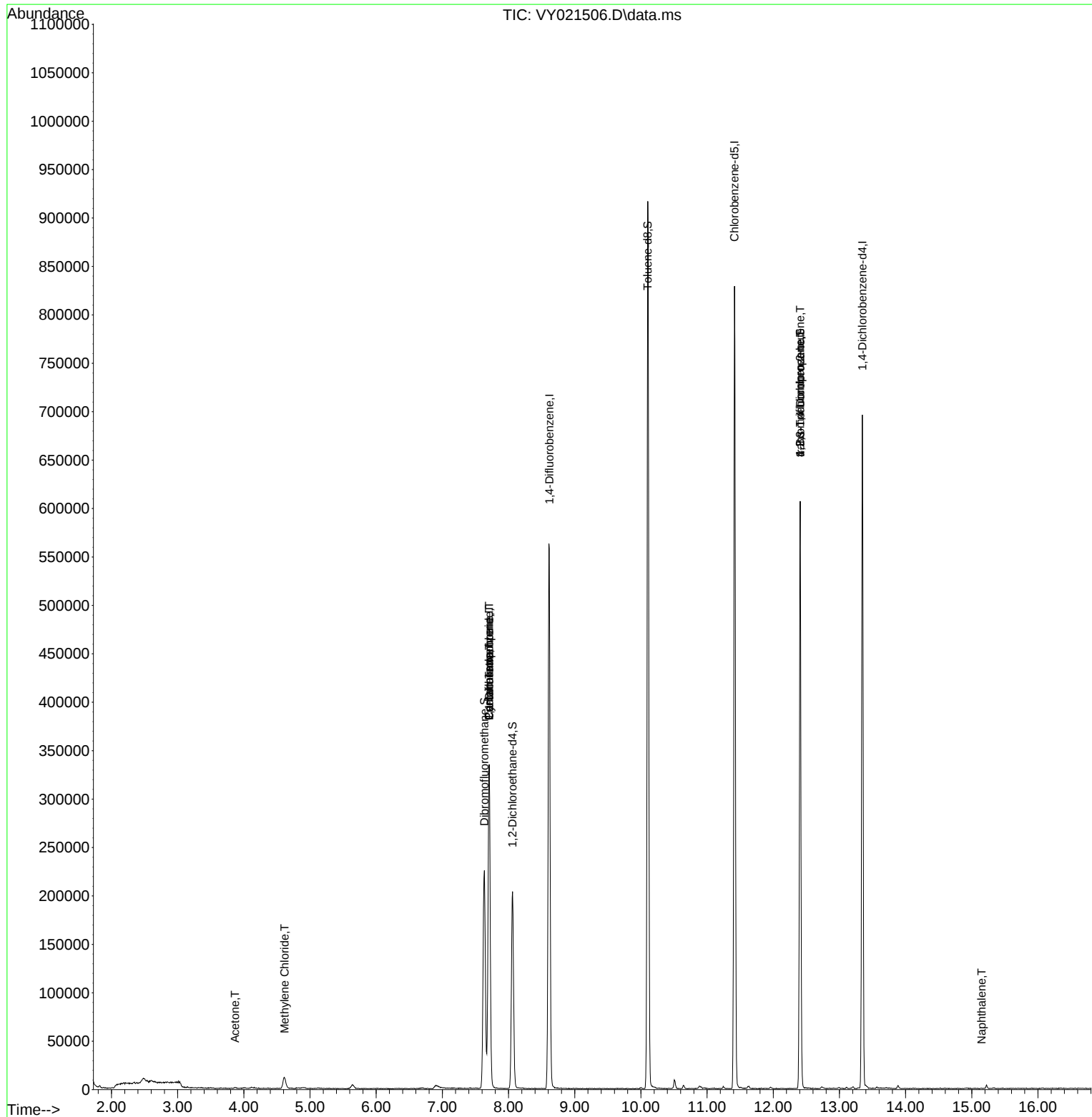
Internal Standards						
1) Pentafluorobenzene	7.707	168	248817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	466306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	424927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164008	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.634	113	160831	52.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.103	98	570815	49.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.408	95	178560	45.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.897	59	53	Below Cal	#	21
16) Acetone	3.866	43	1456	2.538	ug/l	94
20) Methylene Chloride	4.616	84	8133	2.701	ug/l	94
31) Cyclohexane	7.707	56	5510	1.119	ug/l	# 13
36) 1,1-Dichloropropene	7.707	75	21083	4.394	ug/l	# 51
38) Carbon Tetrachloride	7.707	117	25716	4.660	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	95807	57.034	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	95807	129.656	ug/l	# 9
95) Naphthalene	15.151	128	531	1.566	ug/l	# 69

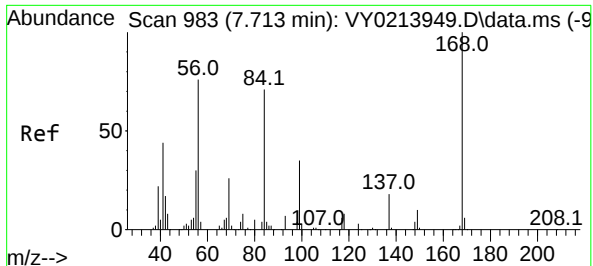
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

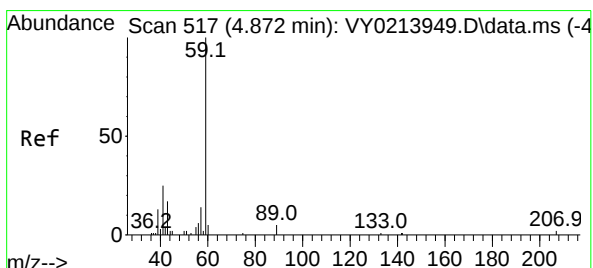
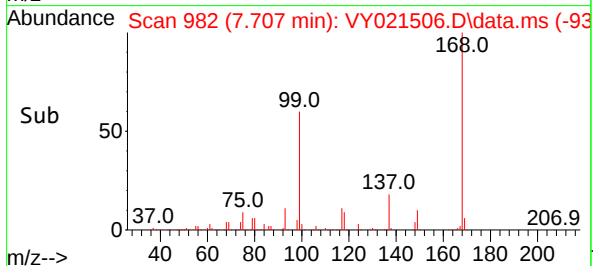
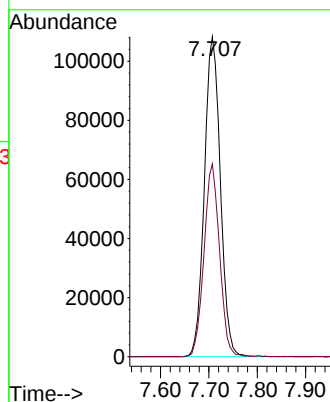
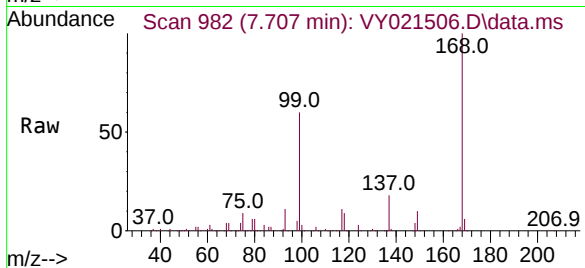




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

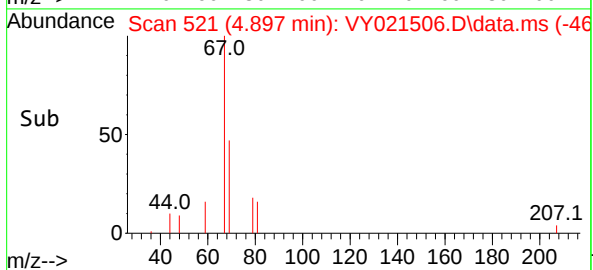
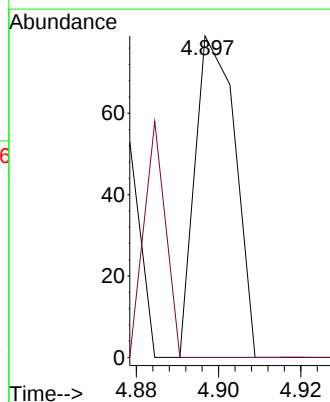
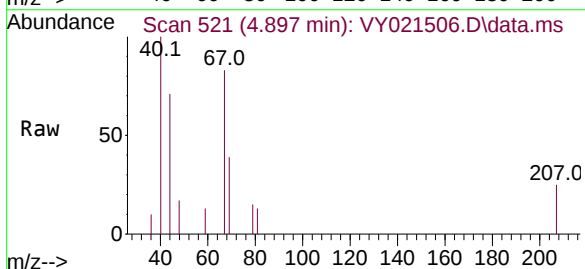
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01

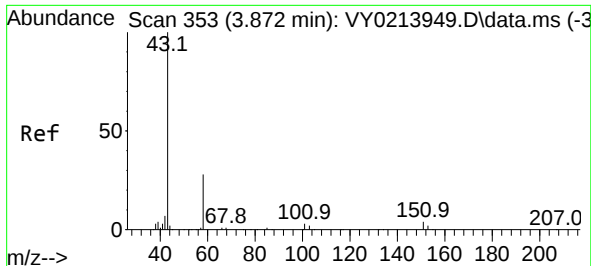
Tgt Ion:168 Resp: 248817
Ion Ratio Lower Upper
168 100
99 60.2 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.897 min Scan# 521
Delta R.T. 0.025 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 39.6 8.2 12.4#

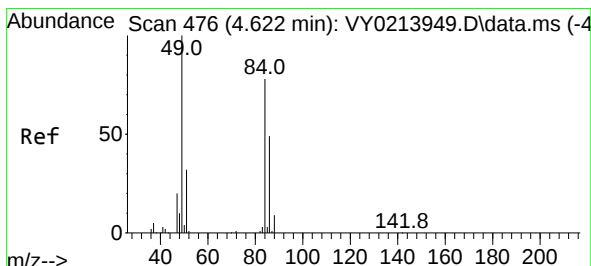
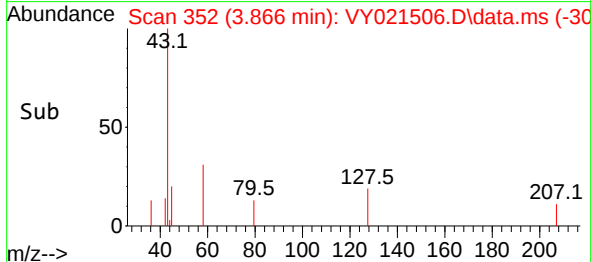
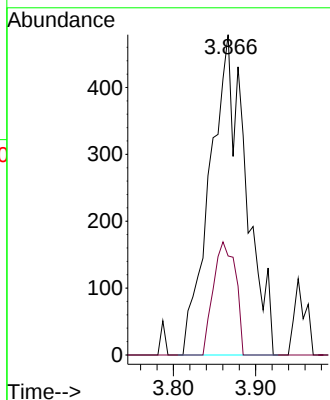
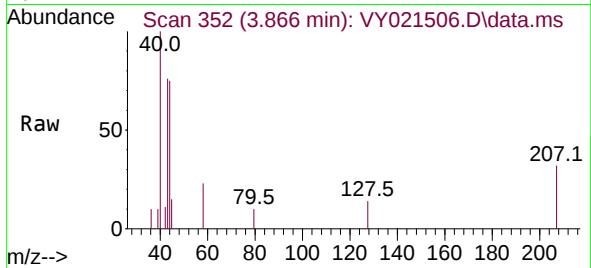




#16
Acetone
Concen: 2.538 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

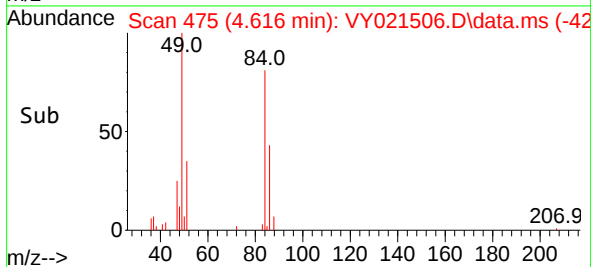
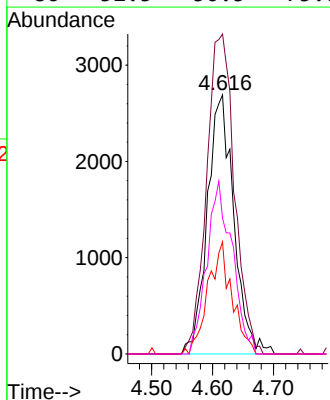
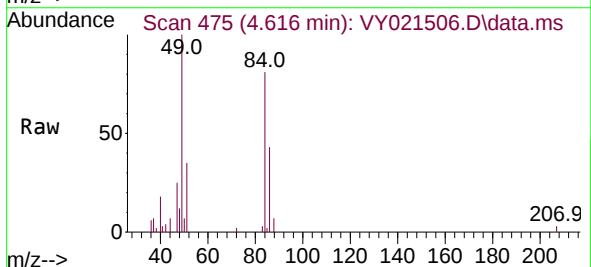
Instrument :
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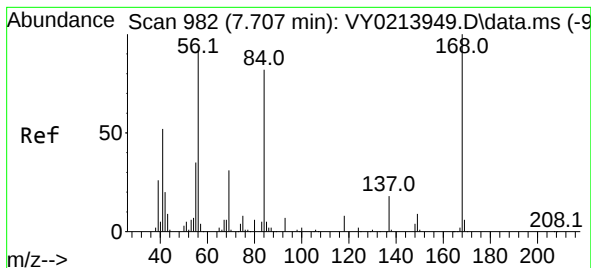
Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1



#20
Methylene Chloride
Concen: 2.701 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 84 Resp: 8133
Ion Ratio Lower Upper
84 100
49 123.5 102.0 153.0
51 43.3 33.0 49.6
86 52.5 50.5 75.7





#31

Cyclohexane

Concen: 1.119 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021506.D

Acq: 12 Mar 2025 13:59

Instrument :

MSVOA_Y

ClientSampleId :

OR-620-JB-VOC-01

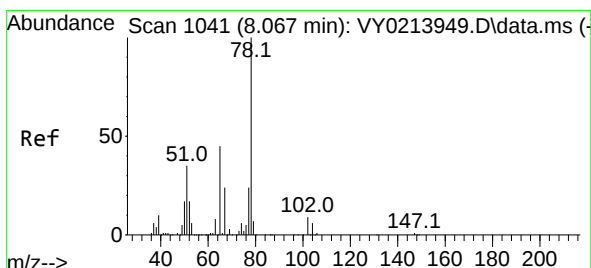
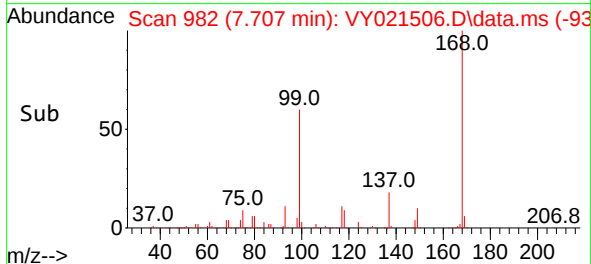
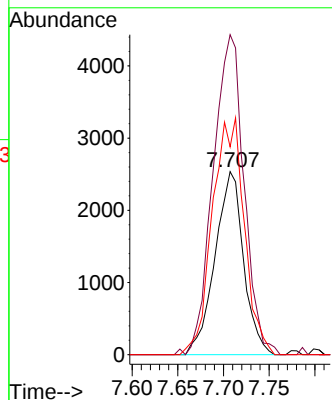
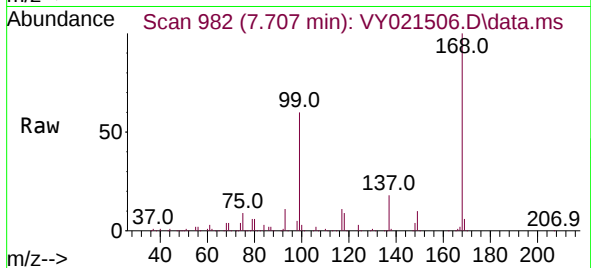
Tgt Ion: 56 Resp: 5510

Ion Ratio Lower Upper

56 100

69 174.9 27.0 40.4#

84 113.6 71.1 106.7#



#33

1,2-Dichloroethane-d4

Concen: 62.364 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021506.D

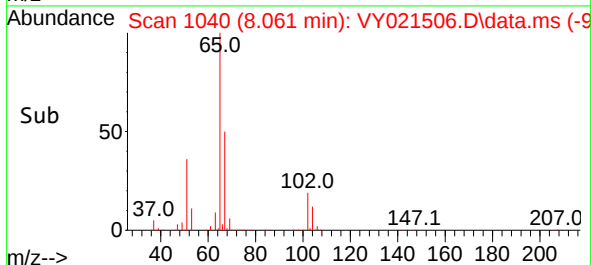
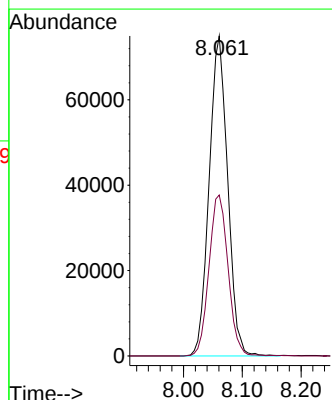
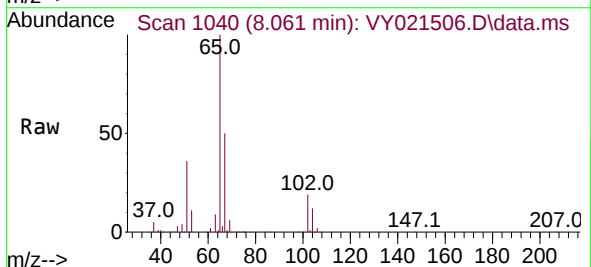
Acq: 12 Mar 2025 13:59

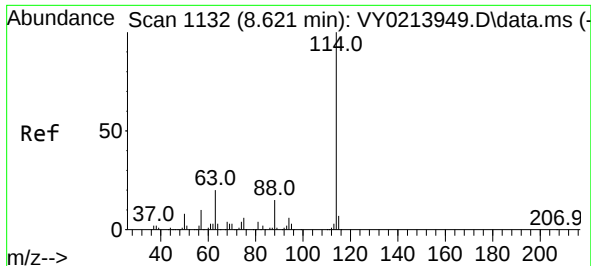
Tgt Ion: 65 Resp: 164008

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8

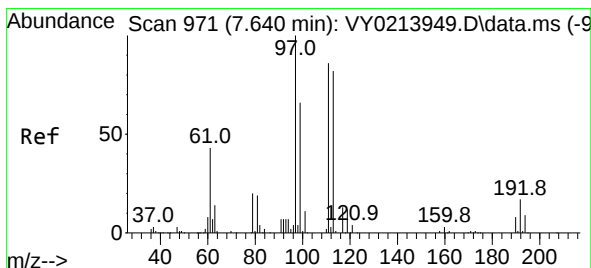
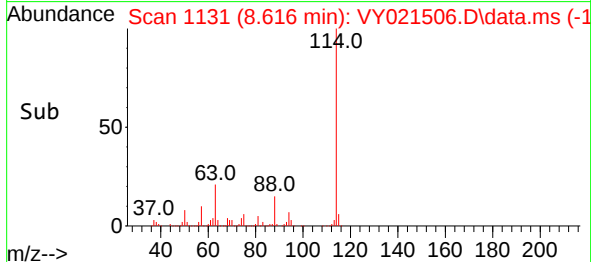
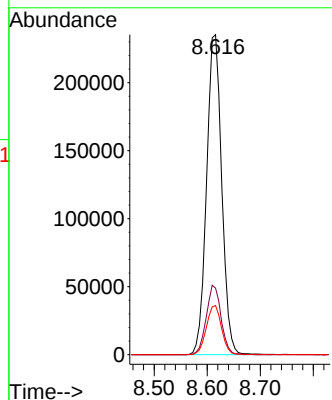
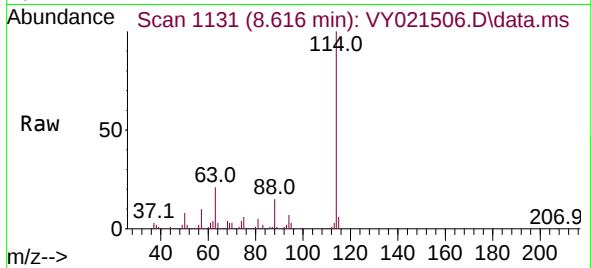




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

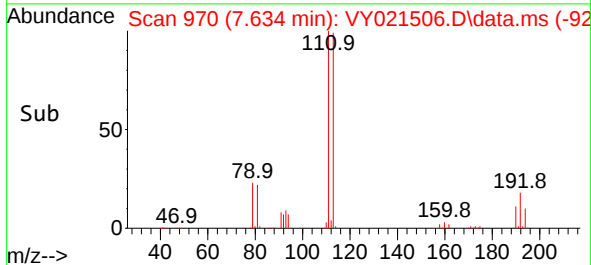
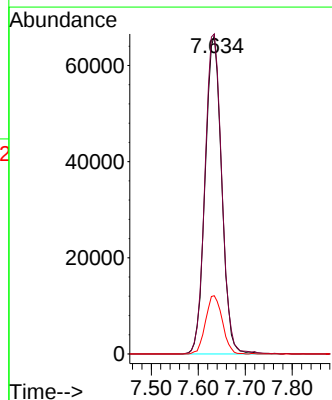
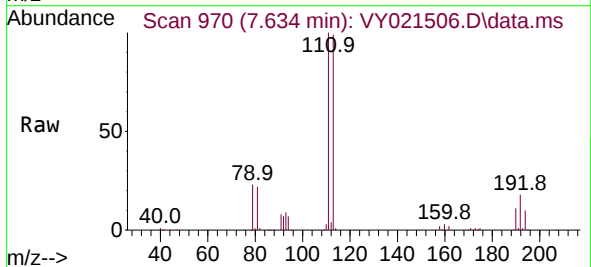
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01

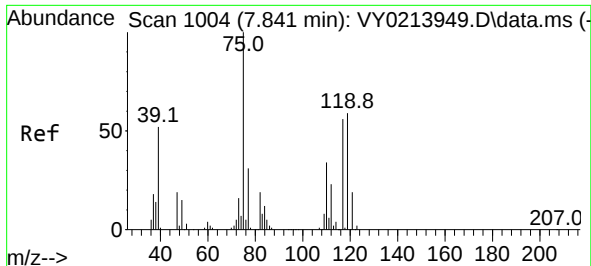
Tgt Ion:114 Resp: 466306
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.472 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion:113 Resp: 160831
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.7 15.9 23.9

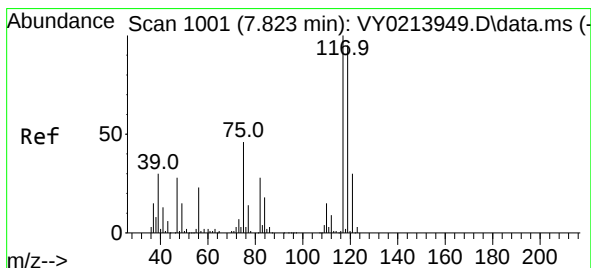
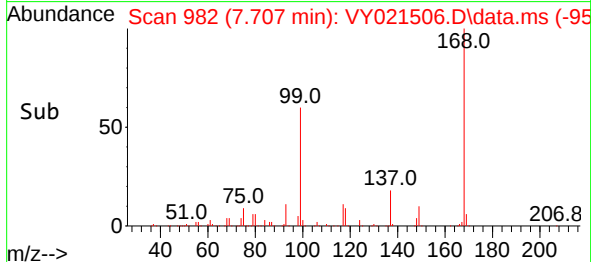
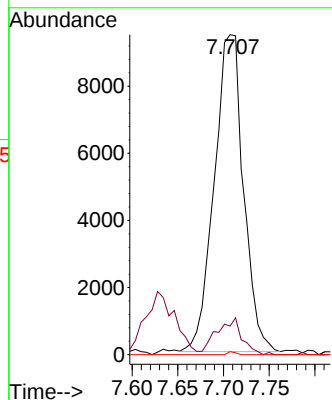
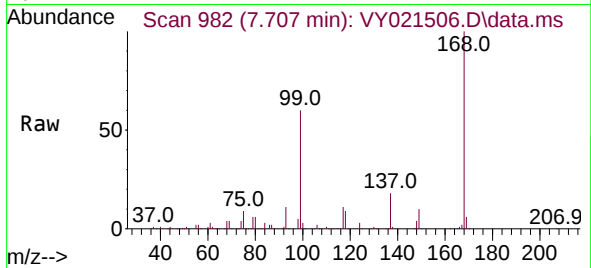




#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

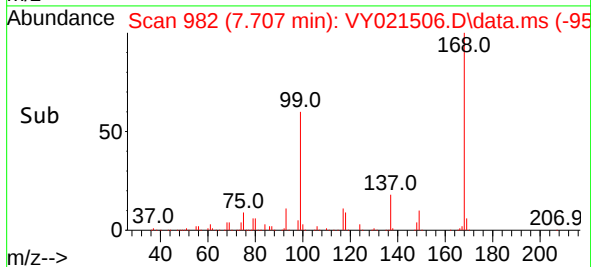
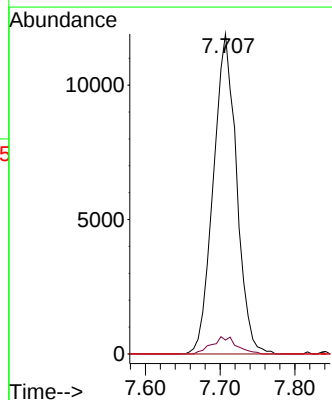
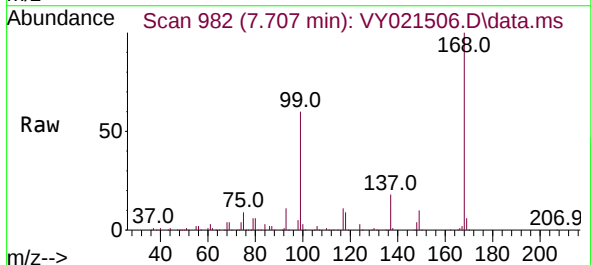
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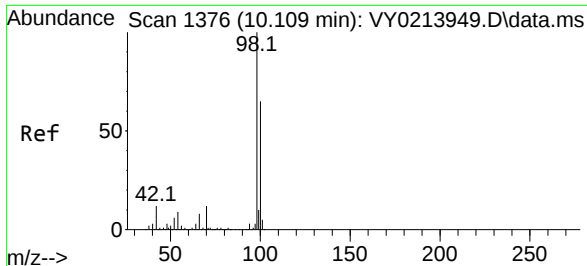
Tgt Ion: 75 Resp: 21083
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.7#
77 0.3 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.660 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 117 Resp: 25716
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 23.9 35.9#

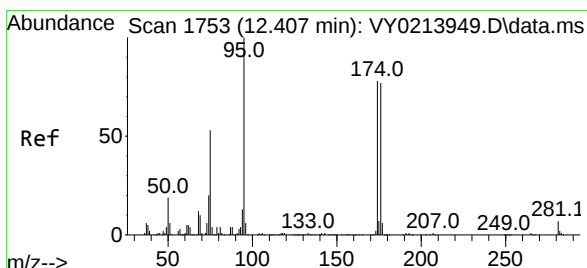
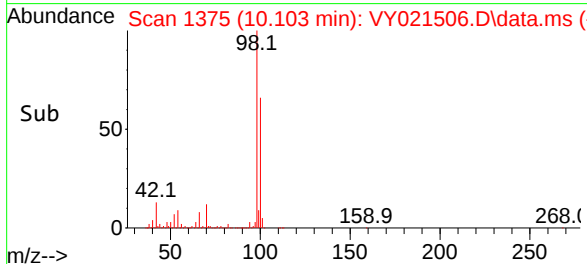
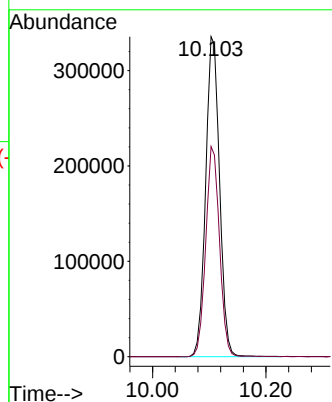
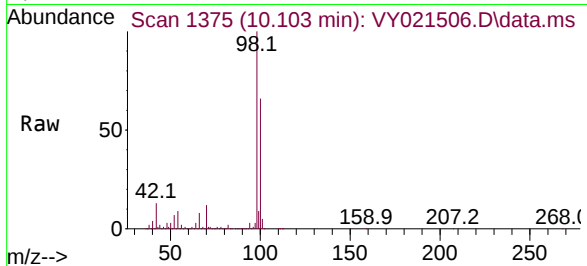




#50
Toluene-d8
Concen: 49.185 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

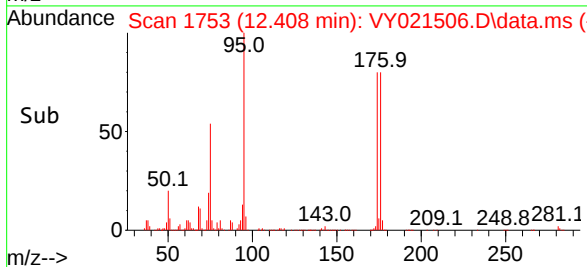
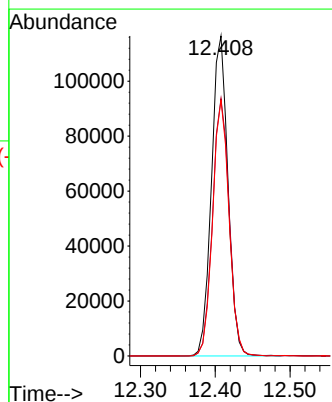
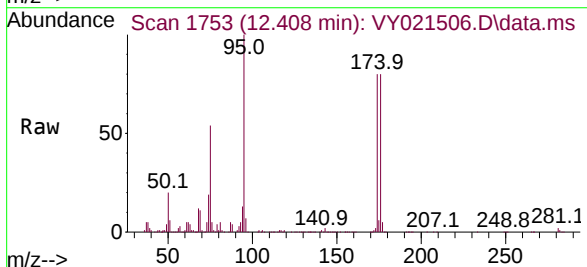
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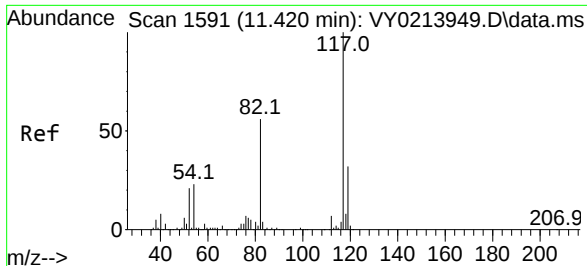
Tgt Ion: 98 Resp: 570815
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 95 Resp: 178560
Ion Ratio Lower Upper
95 100
174 81.4 0.0 165.0
176 79.4 0.0 160.0

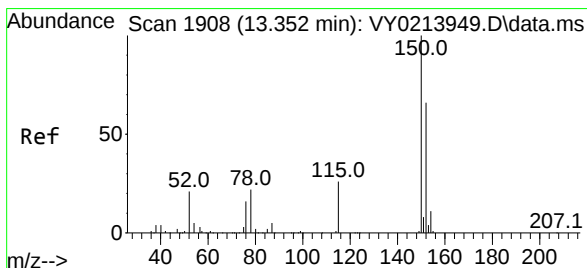
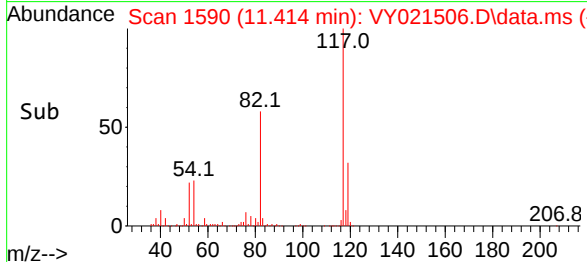
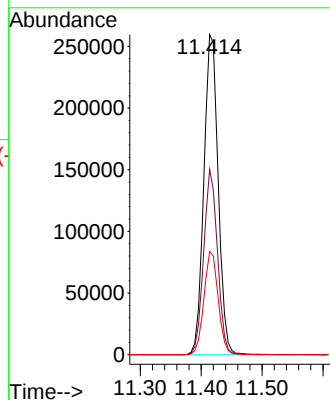
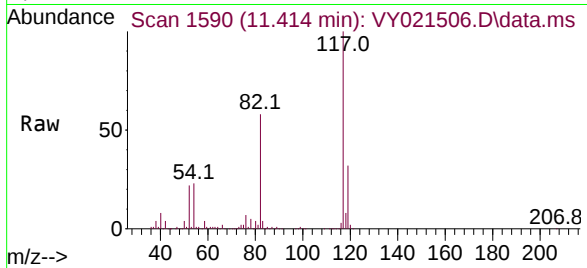




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

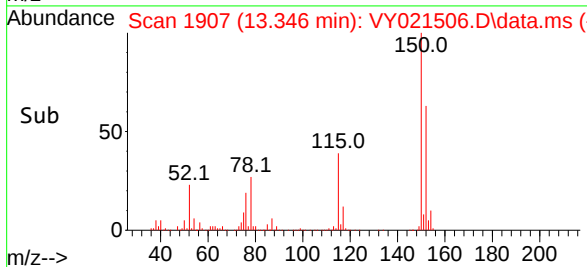
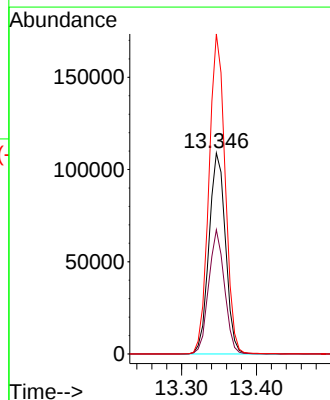
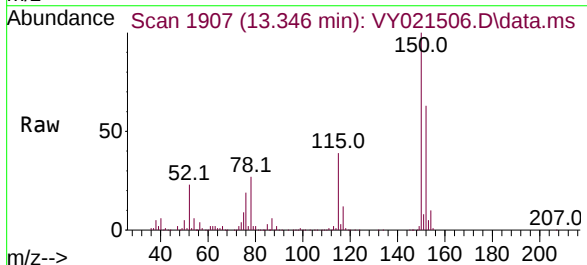
Instrument :
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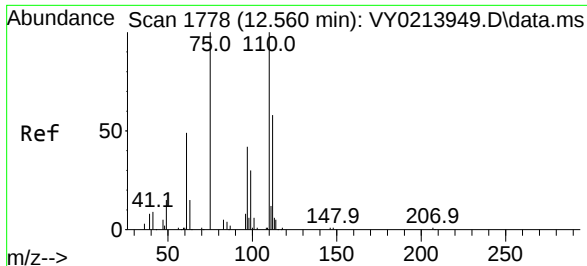
Tgt Ion:117 Resp: 424927
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion:152 Resp: 166702
Ion Ratio Lower Upper
152 100
115 59.2 29.0 87.0
150 156.6 0.0 347.2

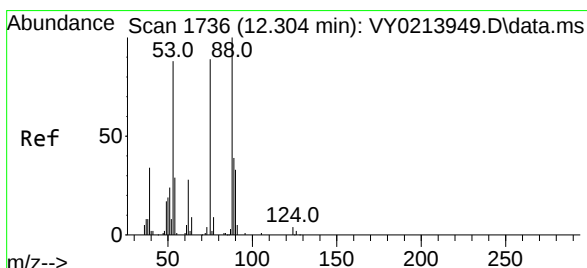
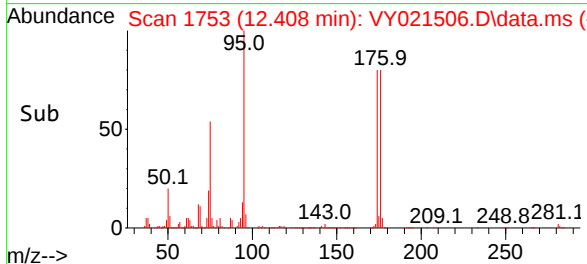
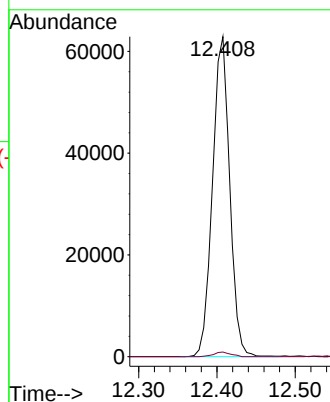
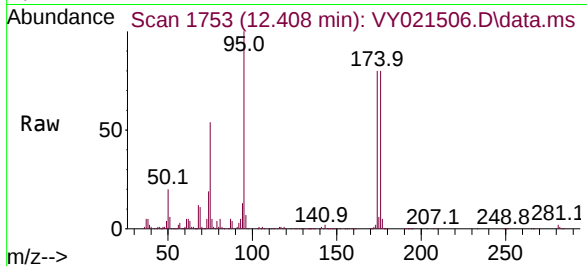




#76
1,2,3-Trichloropropane
Concen: 57.034 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

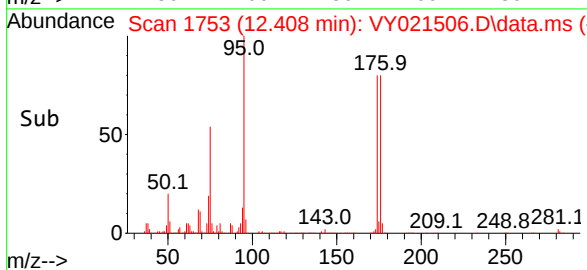
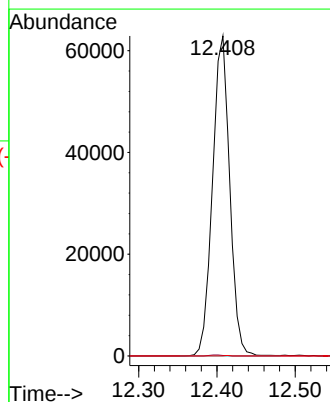
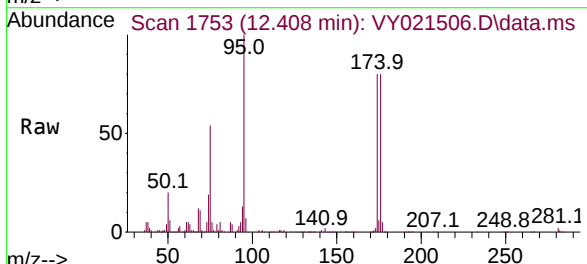
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01

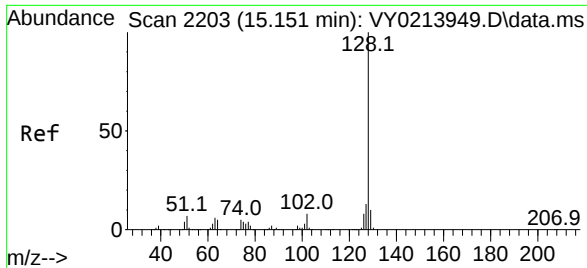
Tgt Ion: 75 Resp: 95807
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.656 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

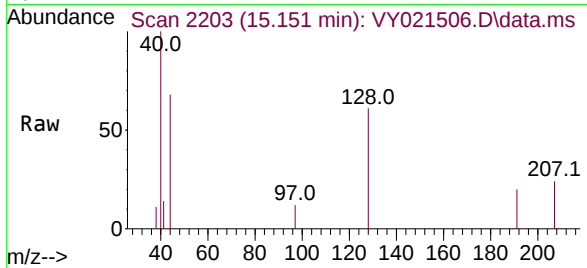
Tgt Ion: 75 Resp: 95807
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 1.566 ug/l
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01



Tgt Ion:128 Resp: 531
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

