

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016504.D
 Acq On : 27 Nov 2023 13:04
 Operator : SY/MD
 Sample : 05519-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

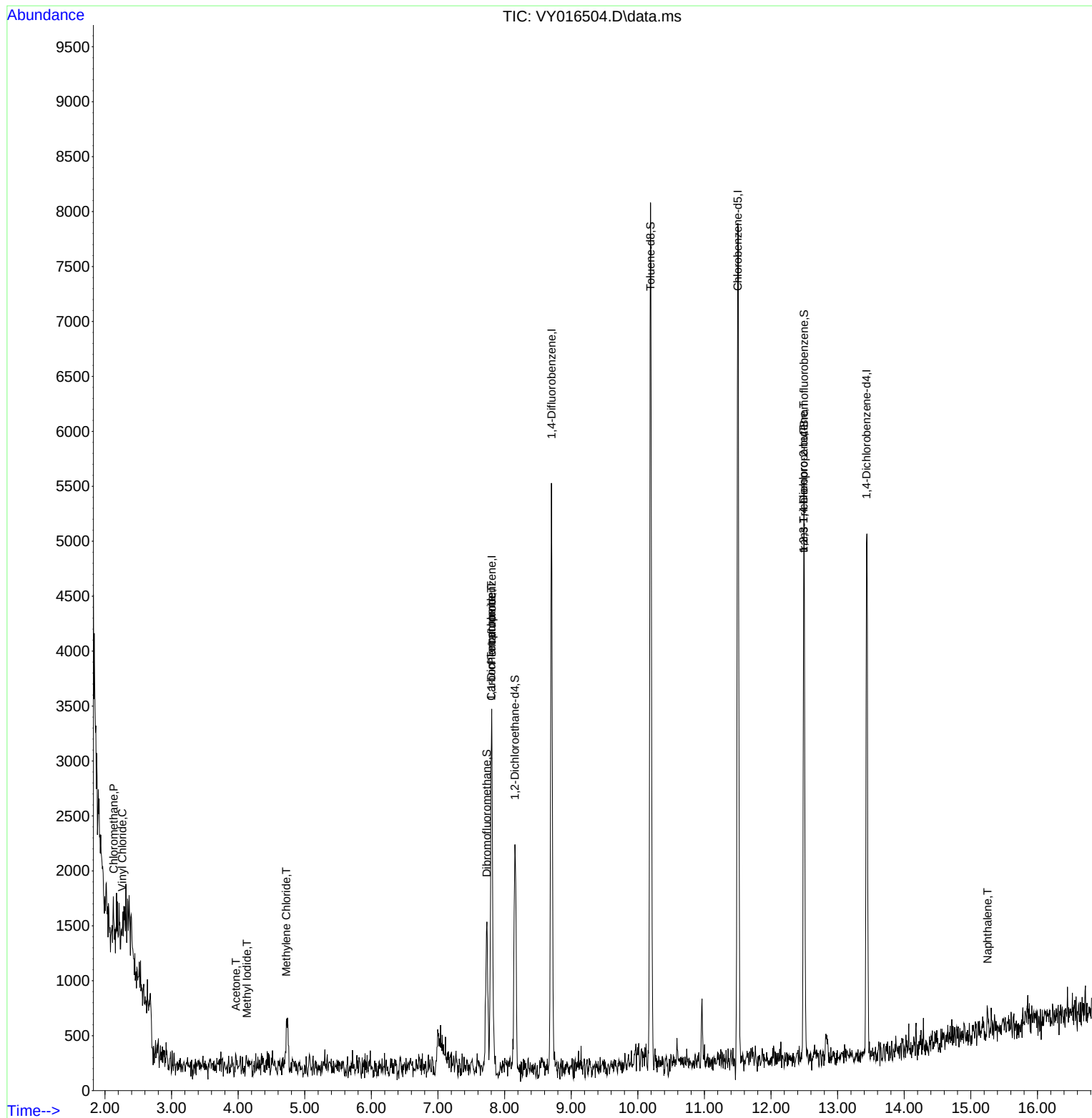
Internal Standards						
1) Pentafluorobenzene	7.807	168	3129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	5226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	5139	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	1836	64.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.400%	
35) Dibromofluoromethane	7.734	113	1182	39.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.640%	
50) Toluene-d8	10.191	98	6030	50.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.495	95	1836	46.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	133	3.707	ug/l #	43
4) Vinyl Chloride	2.259	62	63	1.633	ug/l #	44
10) Methyl Iodide	4.131	142	122	3.341	ug/l #	38
16) Acetone	3.966	43	70	14.798	ug/l #	46
20) Methylene Chloride	4.722	84	228	3.592	ug/l #	51
36) 1,1-Dichloropropene	7.801	75	165	3.201	ug/l #	41
38) Carbon Tetrachloride	7.801	117	262	4.897	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	744	49.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	744	107.021	ug/l #	10
95) Naphthalene	15.251	128	74	1.494	ug/l #	69

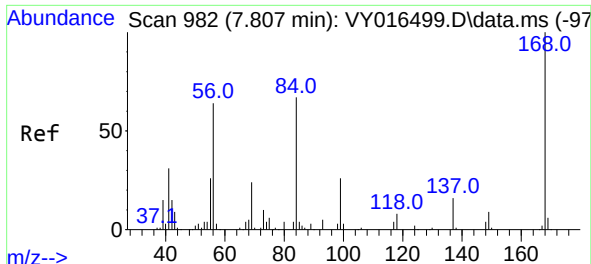
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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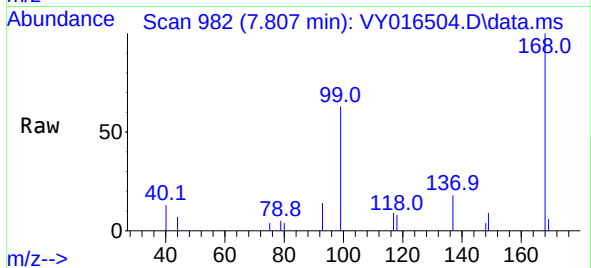
Quant Time: Nov 28 00:15:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



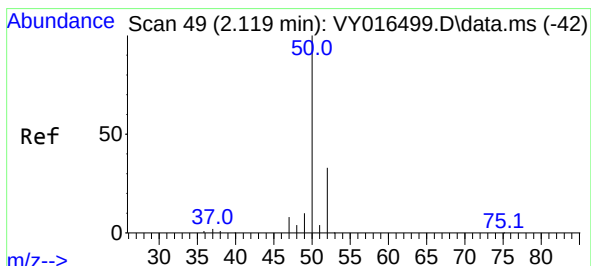
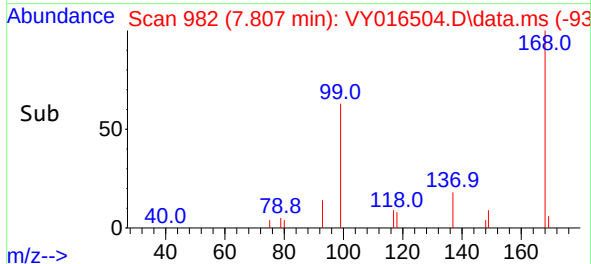
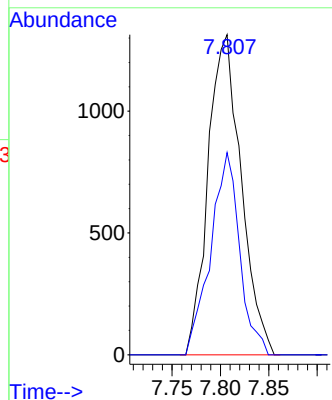


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

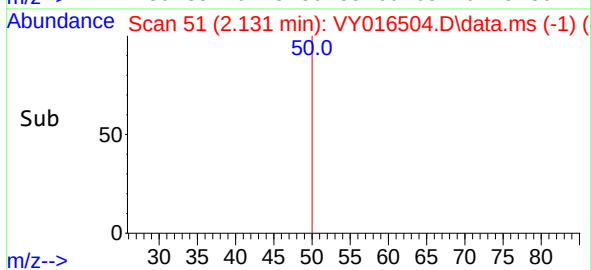
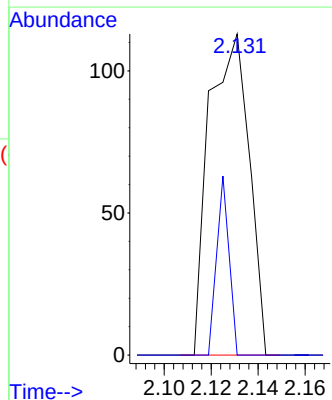
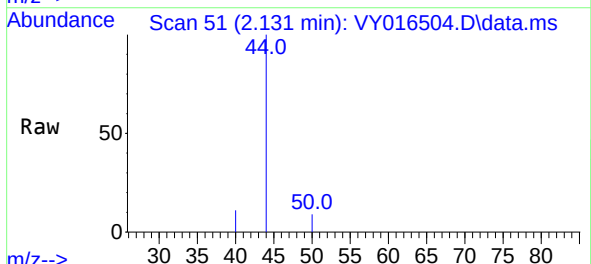


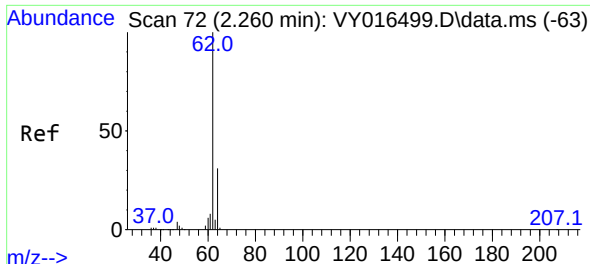
Tgt Ion:168 Resp: 3129
Ion Ratio Lower Upper
168 100
99 63.2 43.4 65.0



#3
Chloromethane
Concen: 3.707 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

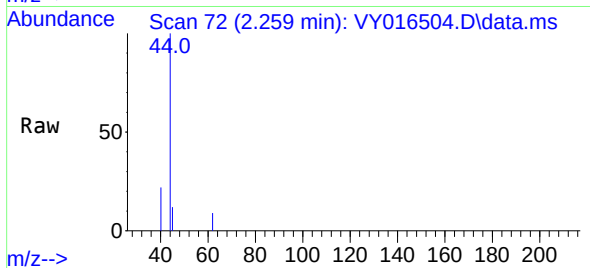
Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



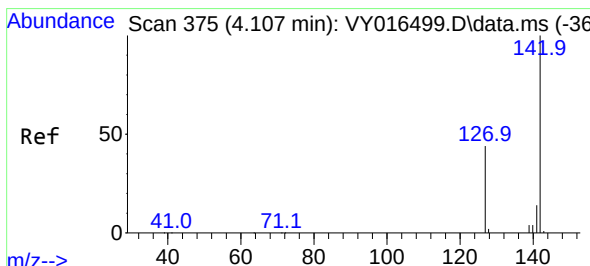
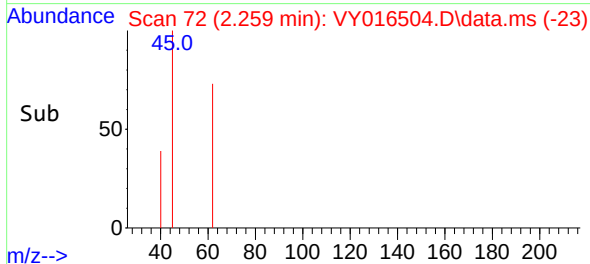
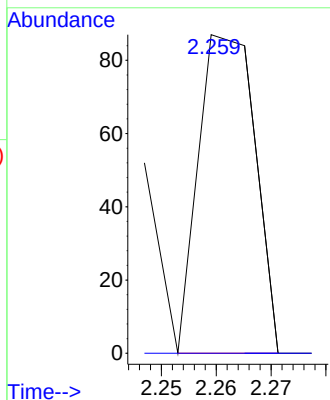


#4
 Vinyl Chloride
 Concen: 1.633 ug/l
 RT: 2.259 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VY016504.D
 Acq: 27 Nov 2023 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :

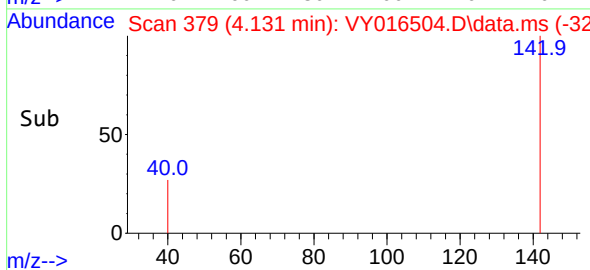
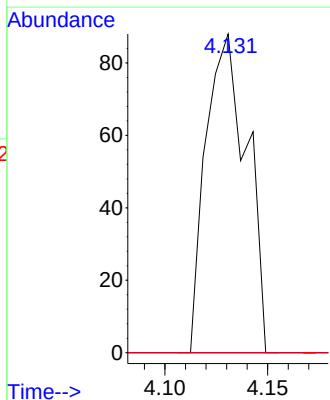
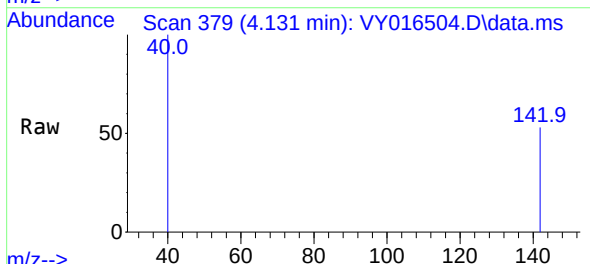


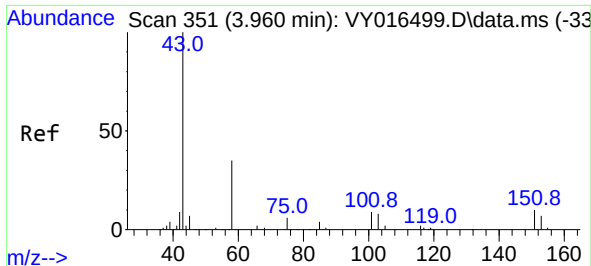
Tgt Ion: 62 Resp: 63
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#10
 Methyl Iodide
 Concen: 3.341 ug/l
 RT: 4.131 min Scan# 379
 Delta R.T. 0.024 min
 Lab File: VY016504.D
 Acq: 27 Nov 2023 13:04

Tgt Ion: 142 Resp: 122
 Ion Ratio Lower Upper
 142 100
 127 0.0 37.6 56.4#
 141 0.0 11.8 17.8#

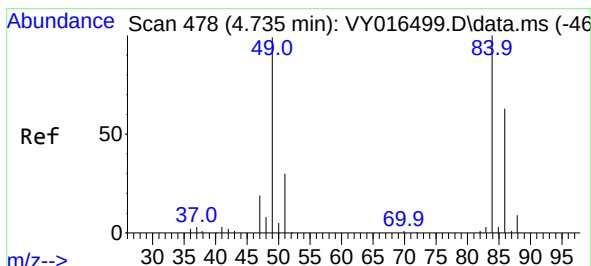
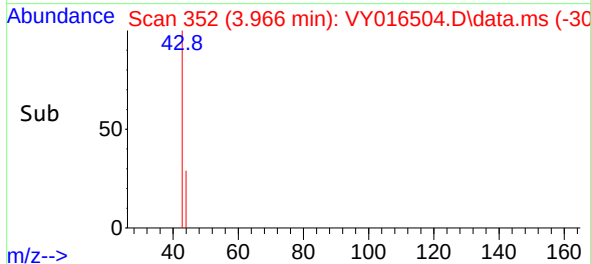
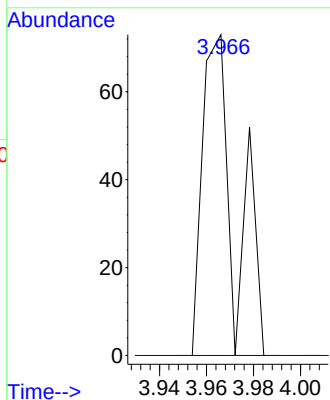
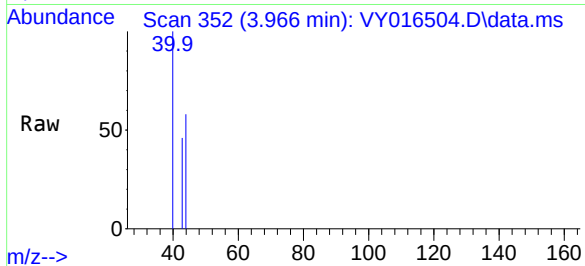




#16
Acetone
Concen: 14.798 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

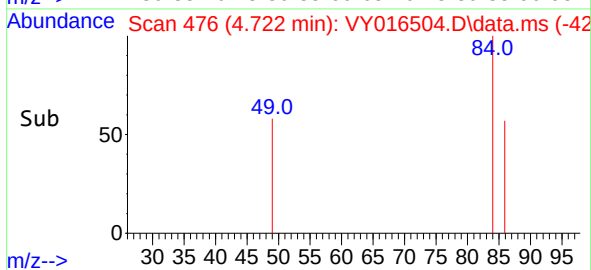
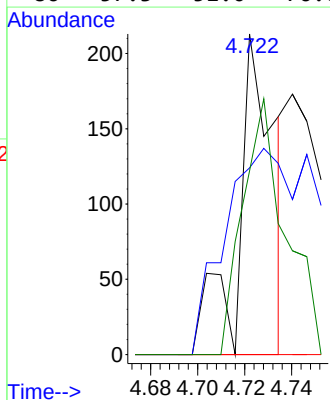
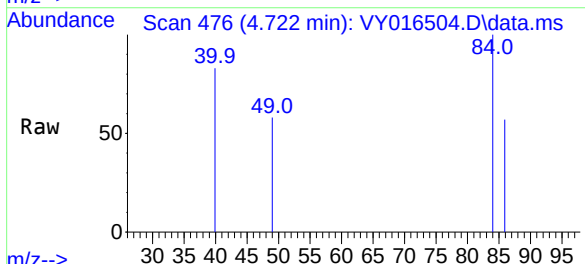
Instrument :
MSVOA_Y
ClientSampleId :

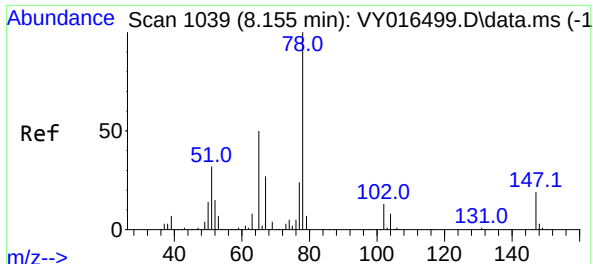
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 84 Resp: 228
Ion Ratio Lower Upper
84 100
49 58.2 106.9 160.3#
51 0.0 33.2 49.8#
86 57.3 51.0 76.6

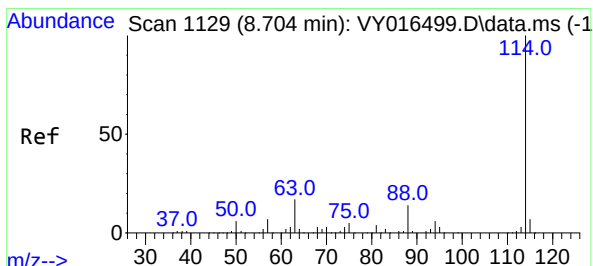
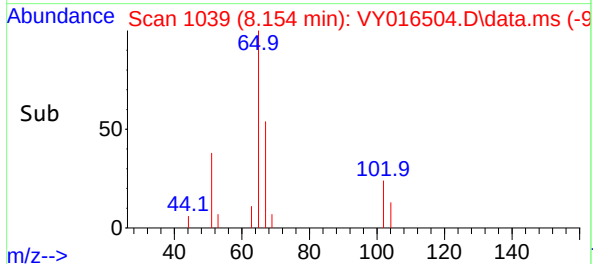
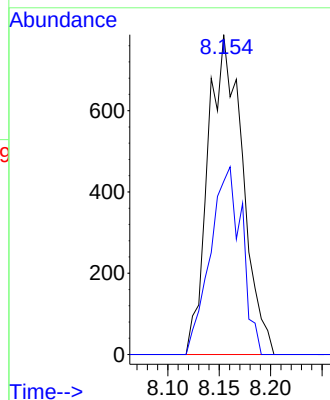
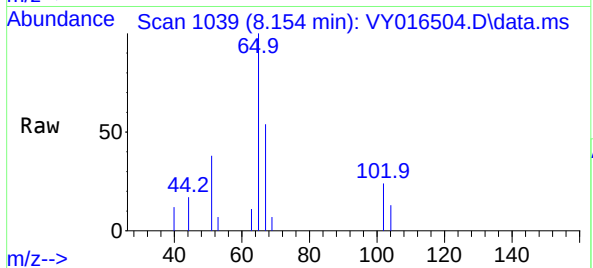




#33
 1,2-Dichloroethane-d4
 Concen: 64.201 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.001 min
 Lab File: VY016504.D
 Acq: 27 Nov 2023 13:04

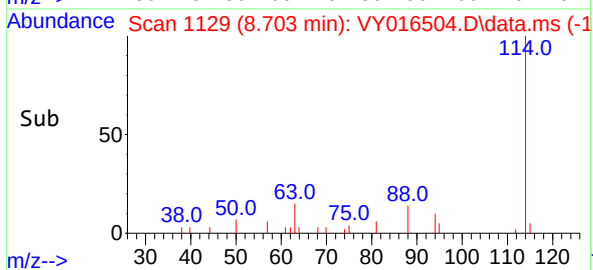
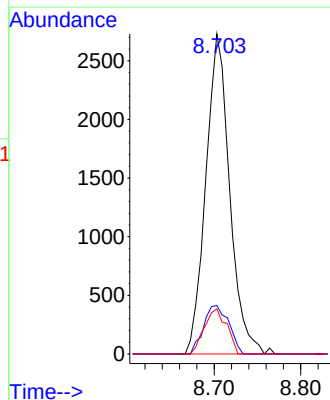
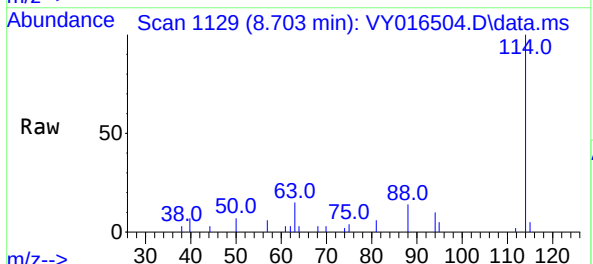
Instrument :
 MSVOA_Y
 ClientSampleId :

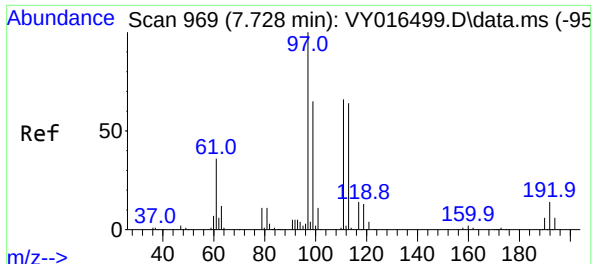
Tgt Ion: 65 Resp: 1836
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.001 min
 Lab File: VY016504.D
 Acq: 27 Nov 2023 13:04

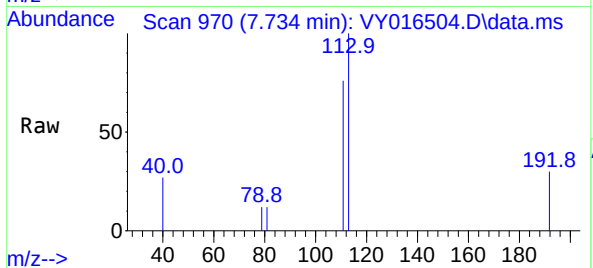
Tgt Ion: 114 Resp: 5226
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 42.4
 88 14.1 0.0 30.6



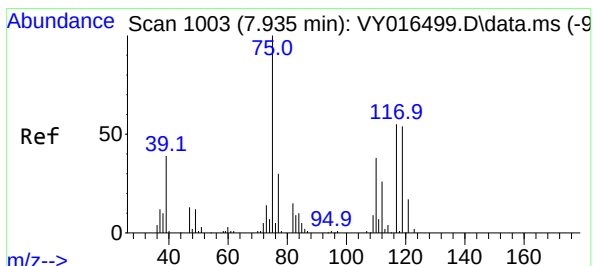
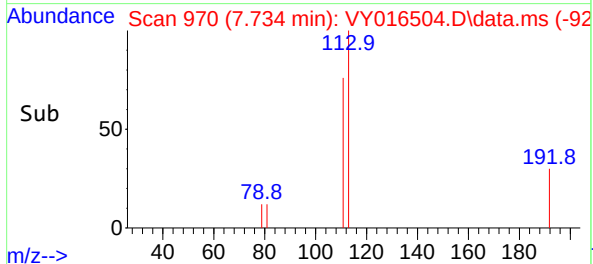
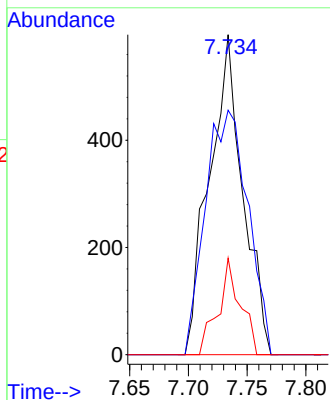


#35
Dibromofluoromethane
Concen: 39.815 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

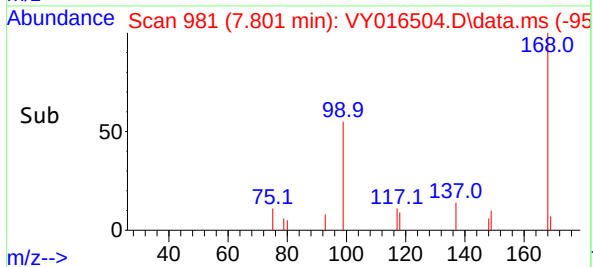
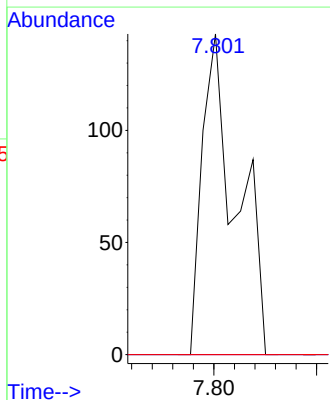
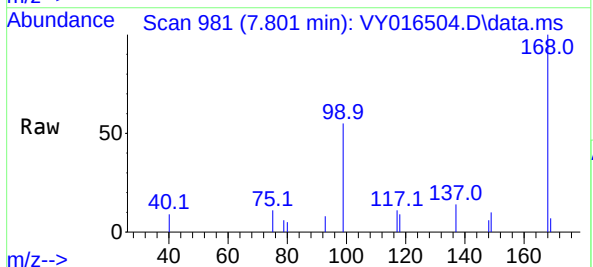


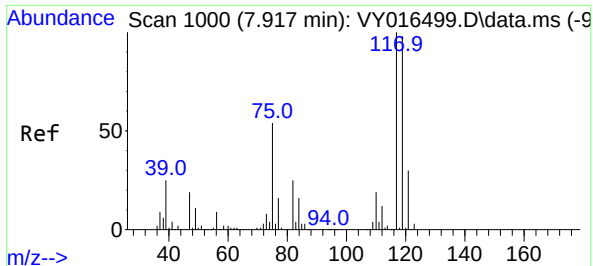
Tgt Ion:113 Resp: 1182
Ion Ratio Lower Upper
113 100
111 97.3 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.201 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.129 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

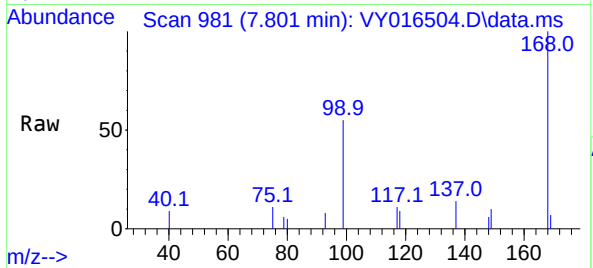
Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



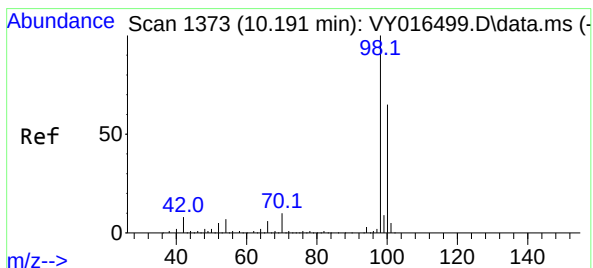
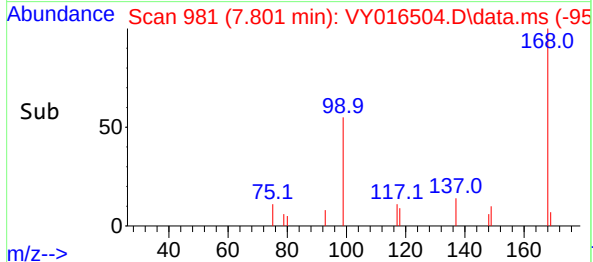
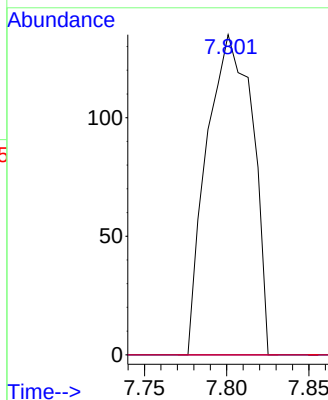


#38
Carbon Tetrachloride
Concen: 4.897 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

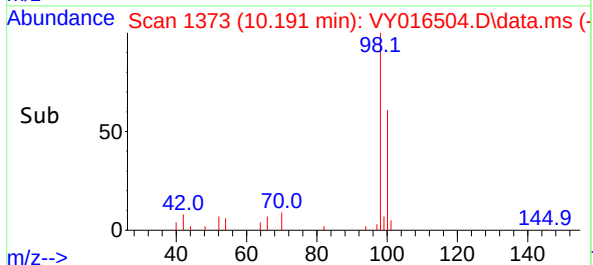
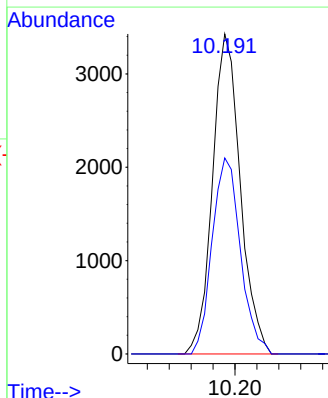
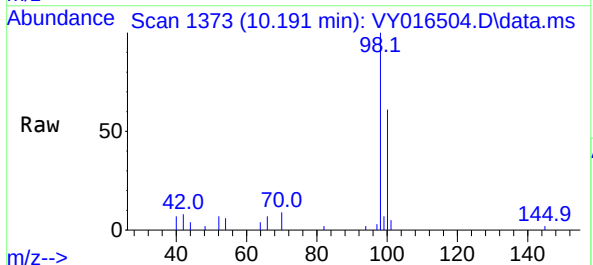


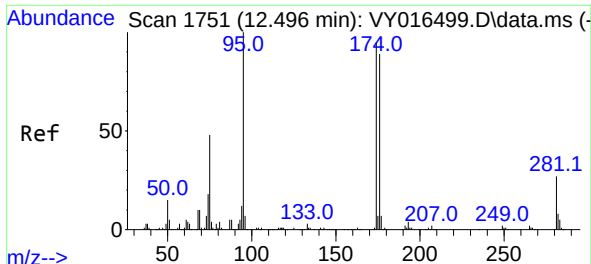
Tgt Ion:117 Resp: 262
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.089 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

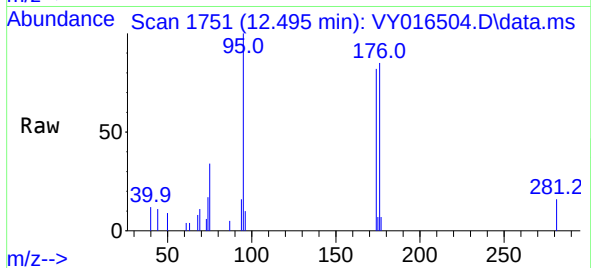
Tgt Ion: 98 Resp: 6030
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



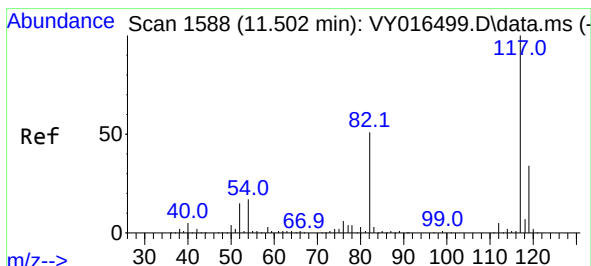
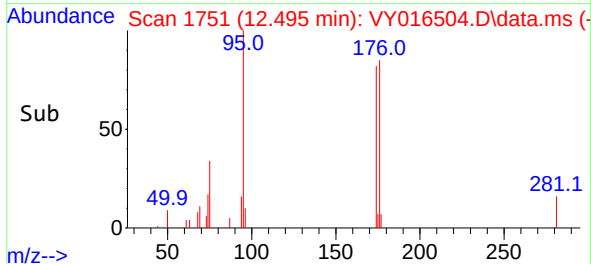
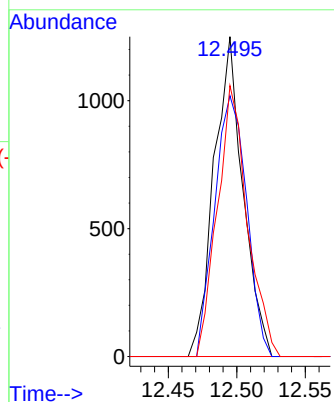


#62
4-Bromofluorobenzene
Concen: 46.957 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

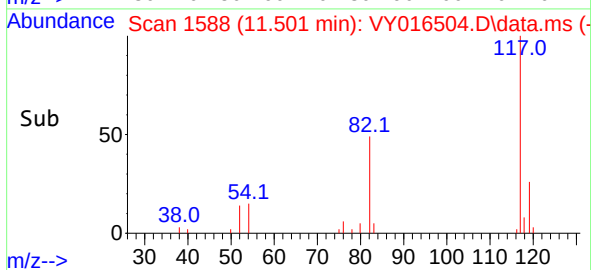
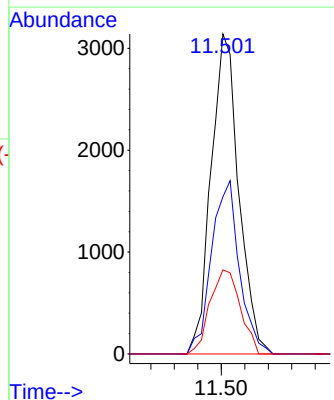
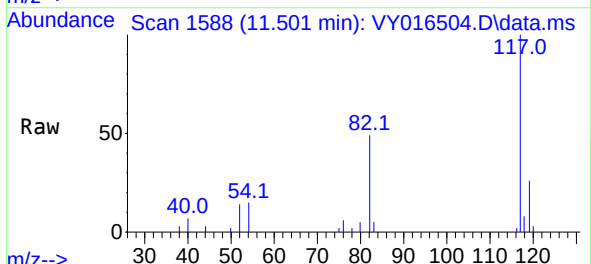


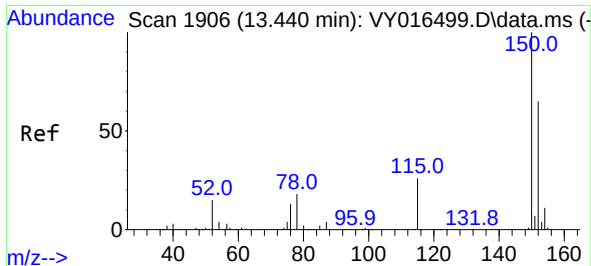
Tgt Ion: 95 Resp: 1836
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

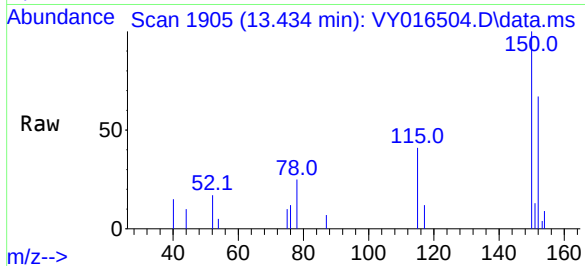
Tgt Ion: 117 Resp: 5139
Ion Ratio Lower Upper
117 100
82 49.1 43.4 65.0
119 26.3 26.3 39.5#



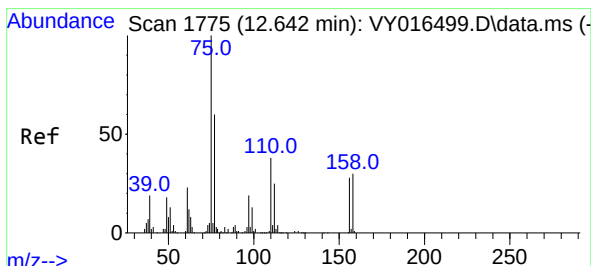
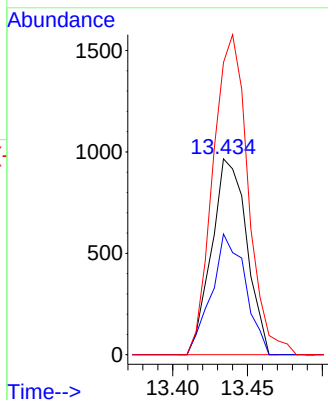
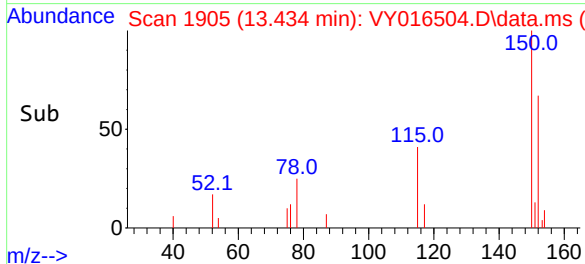


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1906
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

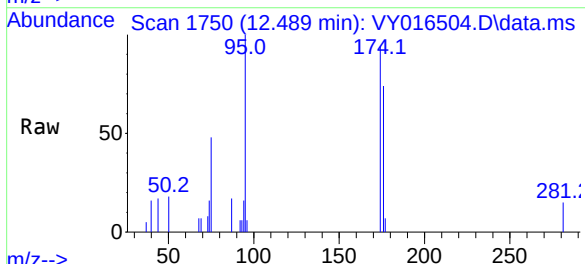
Instrument :
MSVOA_Y
ClientSampleId :



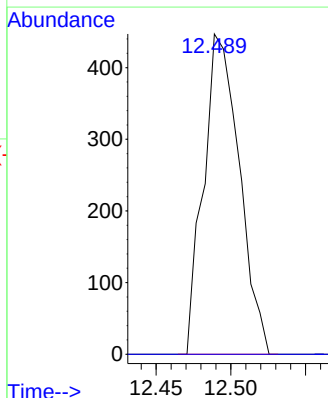
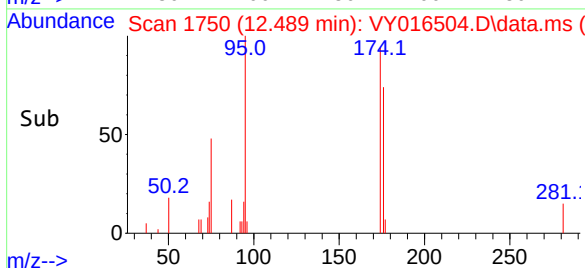
Tgt Ion:152 Resp: 1573
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 163.9 0.0 348.8

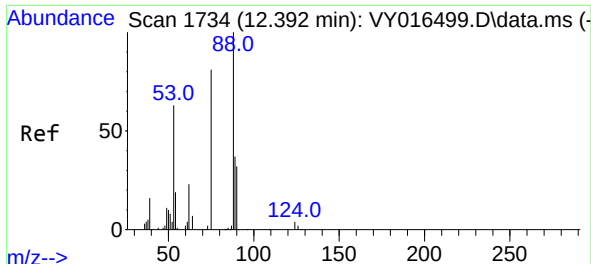


#76
1,2,3-Trichloropropane
Concen: 49.305 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04



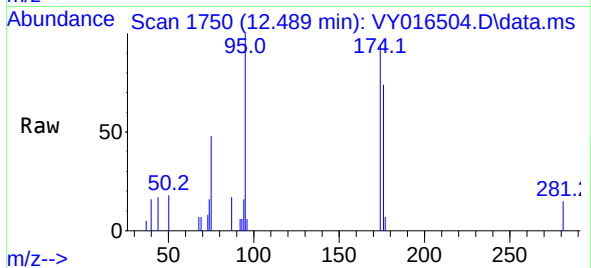
Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



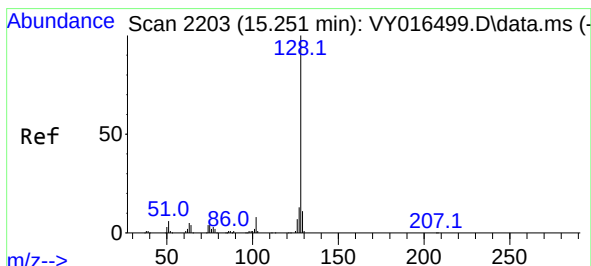
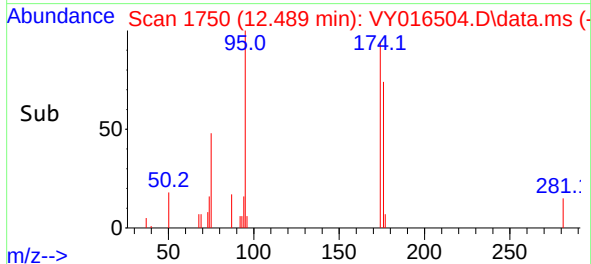
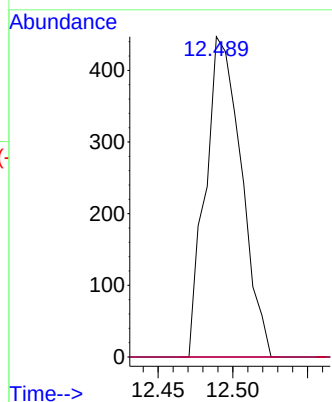


#81
trans-1,4-Dichloro-2-butene
Concen: 107.021 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.494 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Tgt Ion:128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

