

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016749.D
 Acq On : 21 Dec 2023 08:41
 Operator : SY/MD
 Sample : 05876-18
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 14:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

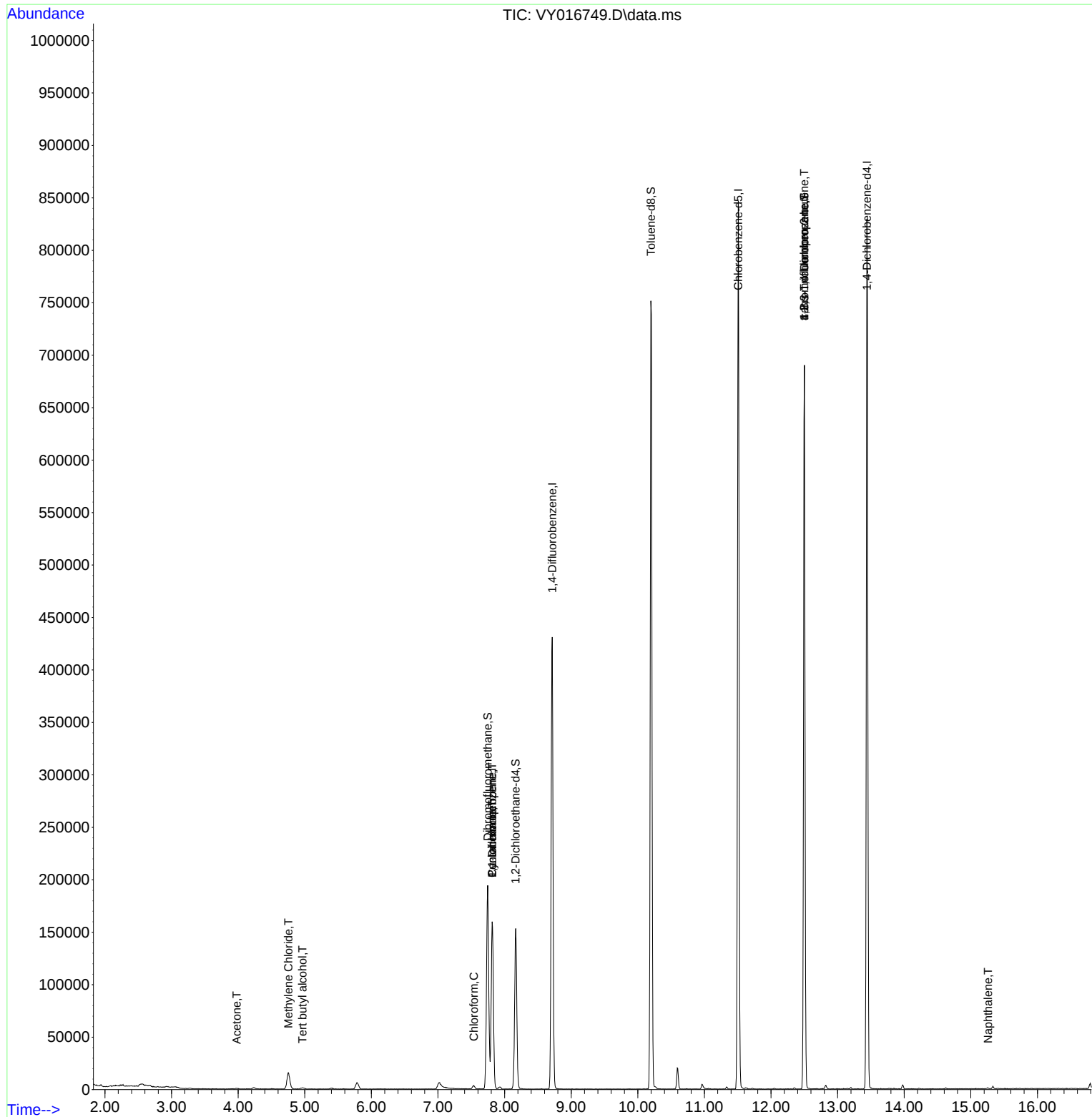
Internal Standards						
1) Pentafluorobenzene	7.813	168	122675	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	371536	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	448984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	204254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	117050	104.519	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 209.040%#	
35) Dibromofluoromethane	7.746	113	137795	64.746	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.500%	
50) Toluene-d8	10.197	98	499206	65.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 130.140%	
62) 4-Bromofluorobenzene	12.501	95	208595	83.805	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 167.600%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1654	18.013	ug/l #	75
16) Acetone	3.979	43	1055	3.484	ug/l #	86
20) Methylene Chloride	4.753	84	11748	4.823	ug/l	92
30) Chloroform	7.539	83	3099	1.256	ug/l	97
31) Cyclohexane	7.813	56	2850	1.328	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	10757	3.153	ug/l #	49
76) 1,2,3-Trichloropropane	12.501	75	108994	48.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	108994	113.364	ug/l #	12
95) Naphthalene	15.257	128	994	3.734	ug/l #	84

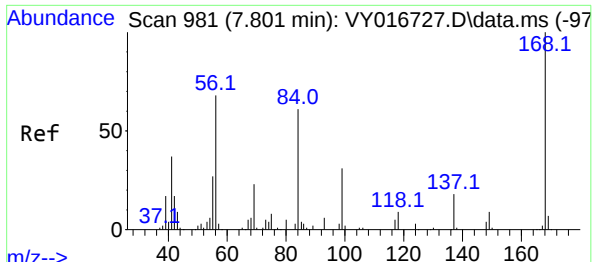
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
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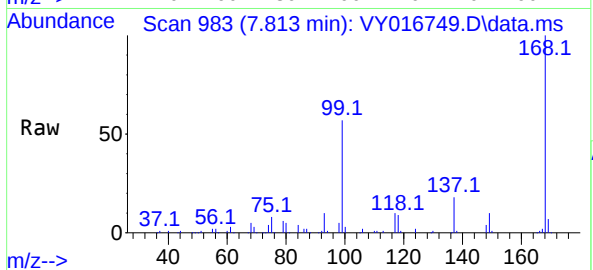
Quant Time: Dec 21 14:20:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



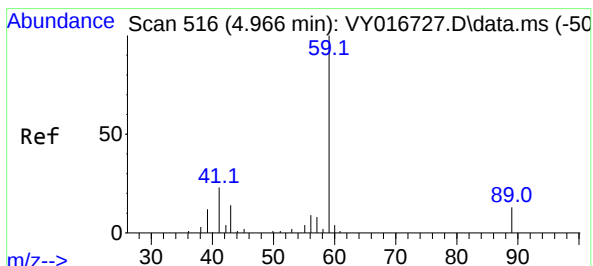
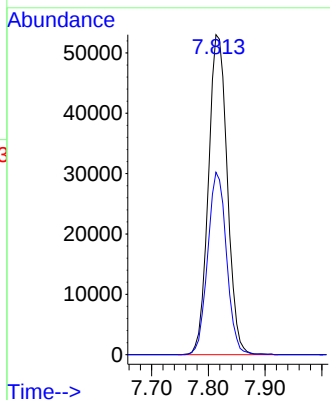
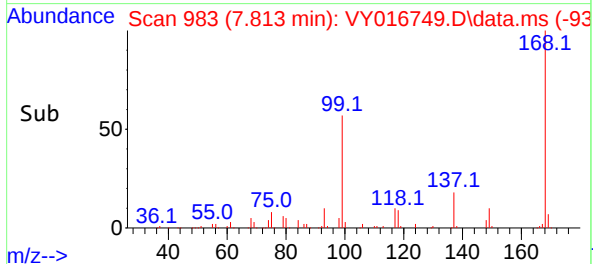


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Instrument :
MSVOA_Y
ClientSampleId :

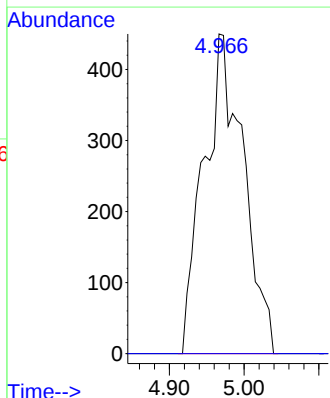
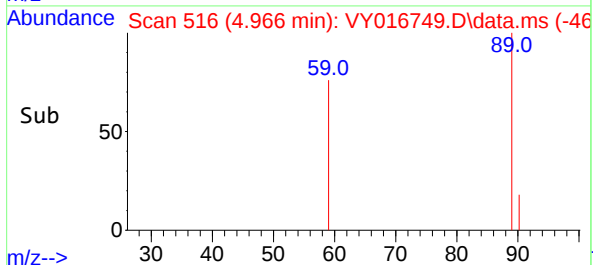
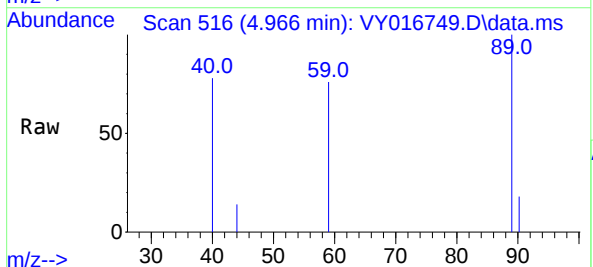


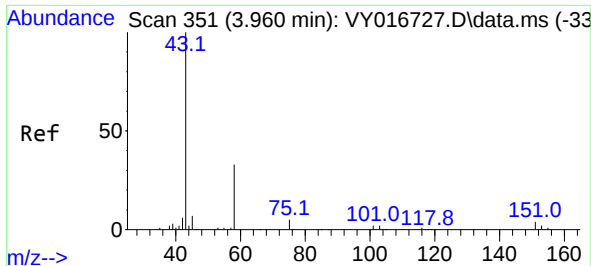
Tgt Ion:168 Resp: 122675
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 18.013 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion: 59 Resp: 1654
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

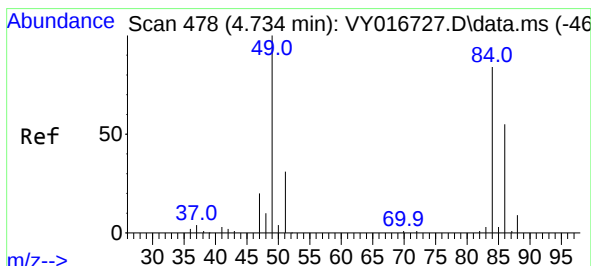
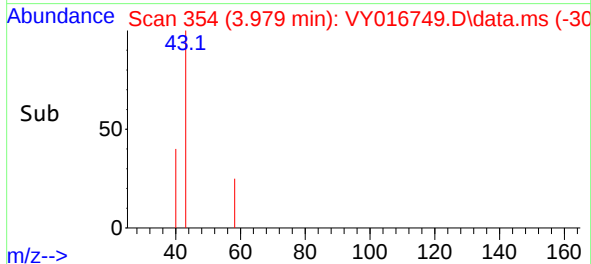
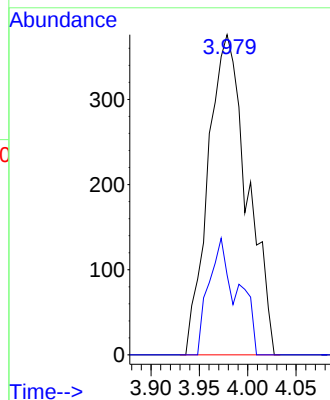
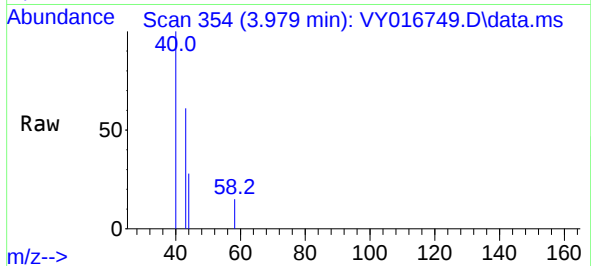




#16
Acetone
Concen: 3.484 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

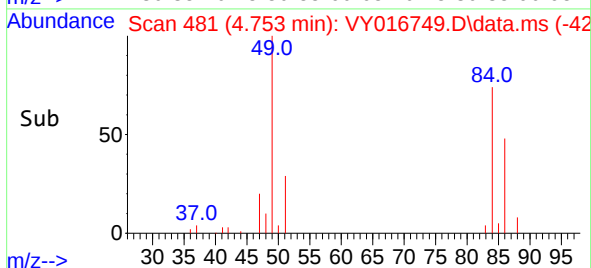
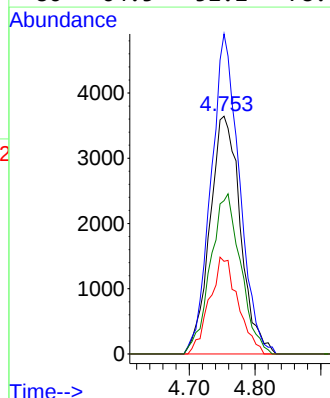
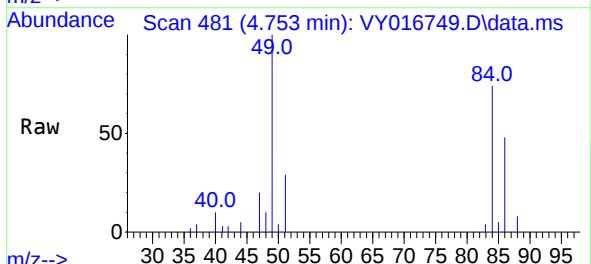
Instrument :
MSVOA_Y
ClientSampleId :

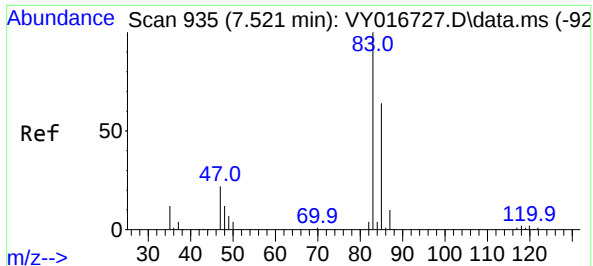
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 25.0 26.6 39.8#



#20
Methylene Chloride
Concen: 4.823 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion: 84 Resp: 11748
Ion Ratio Lower Upper
84 100
49 134.6 95.2 142.8
51 39.0 29.9 44.9
86 64.5 52.2 78.4

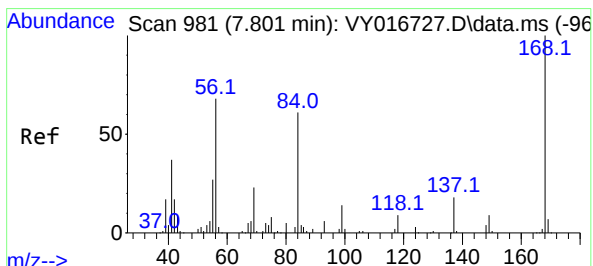
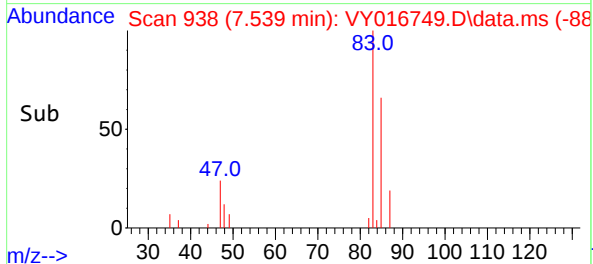
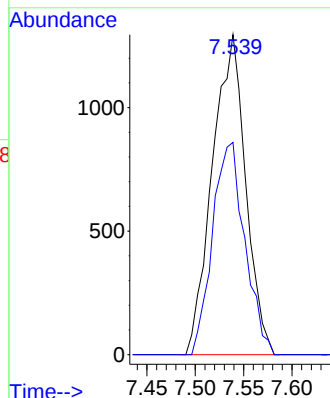
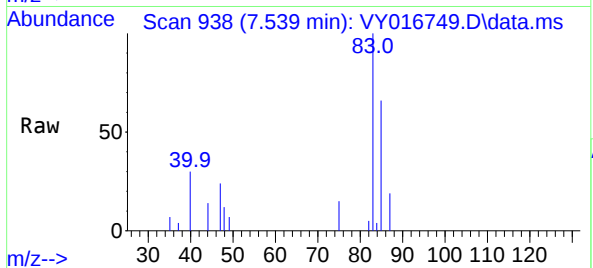




#30
Chloroform
Concen: 1.256 ug/l
RT: 7.539 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

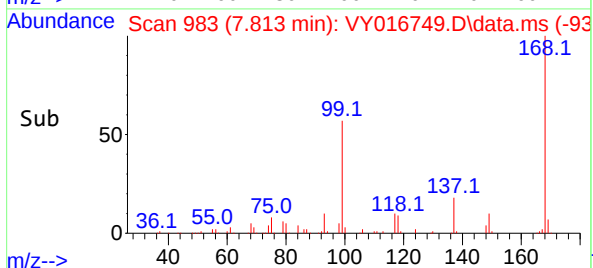
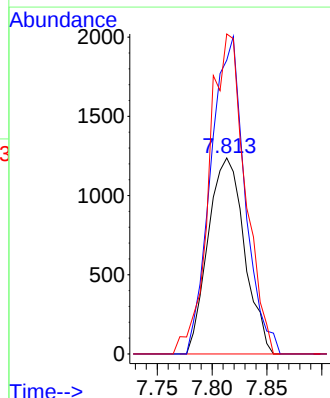
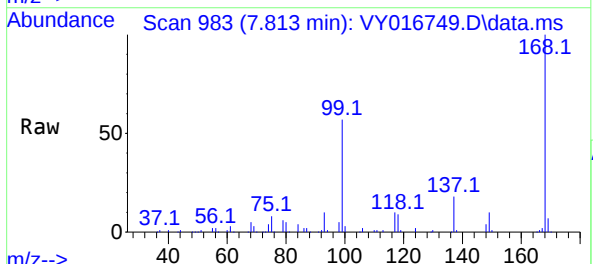
Instrument :
MSVOA_Y
ClientSampleId :

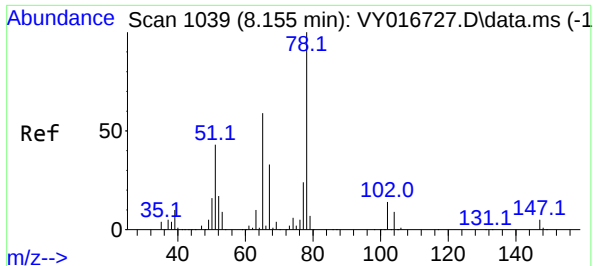
Tgt Ion: 83 Resp: 3099
Ion Ratio Lower Upper
83 100
85 66.3 51.2 76.8



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 149.9 27.0 40.6#
84 163.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 104.519 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016749.D

Acq: 21 Dec 2023 08:41

Instrument :

MSVOA_Y

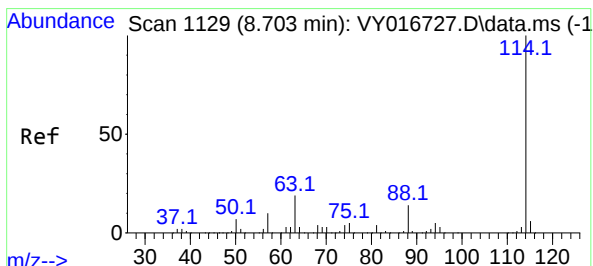
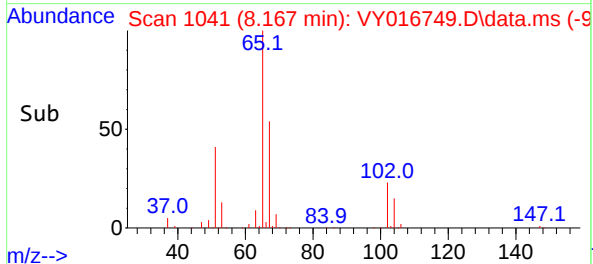
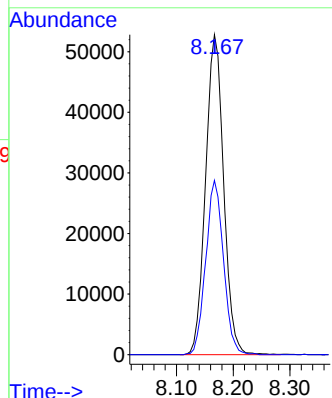
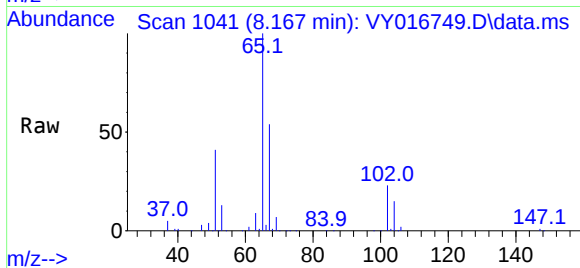
ClientSampleId :

Tgt Ion: 65 Resp: 117050

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016749.D

Acq: 21 Dec 2023 08:41

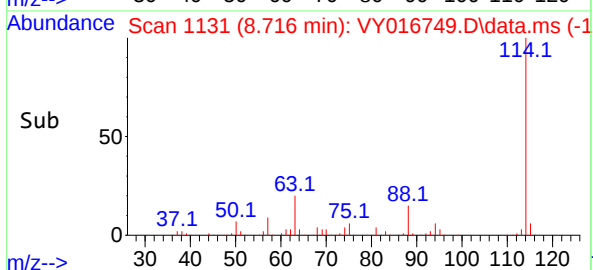
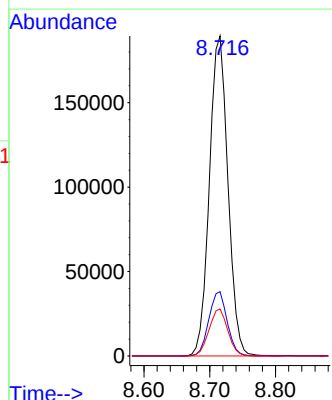
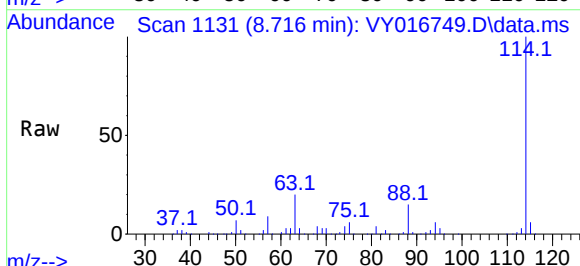
Tgt Ion: 114 Resp: 371536

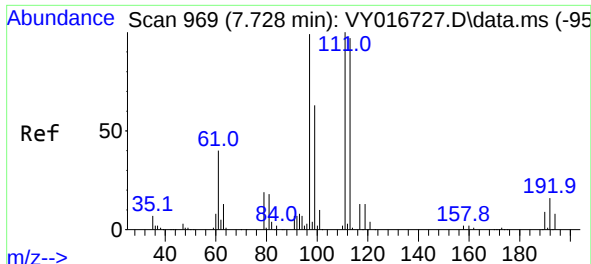
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

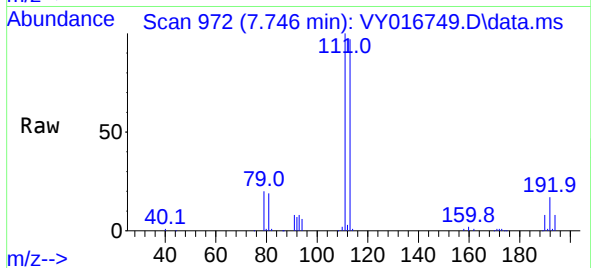
88 14.7 0.0 29.0



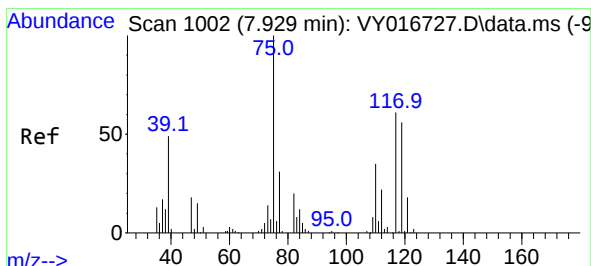
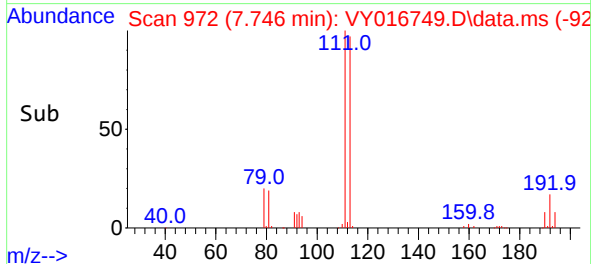
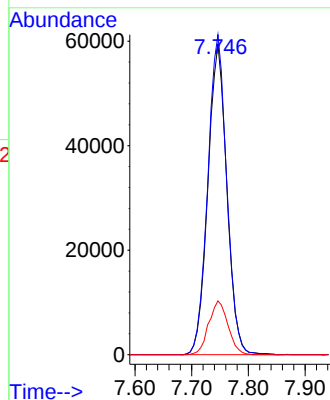


#35
Dibromofluoromethane
Concen: 64.746 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Instrument :
MSVOA_Y
ClientSampleId :

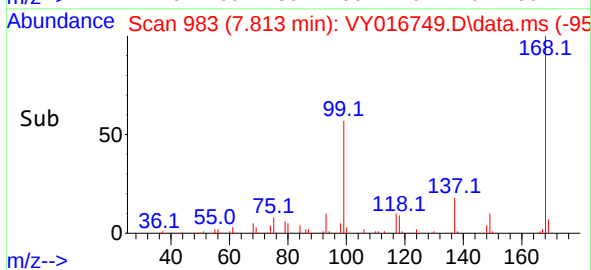
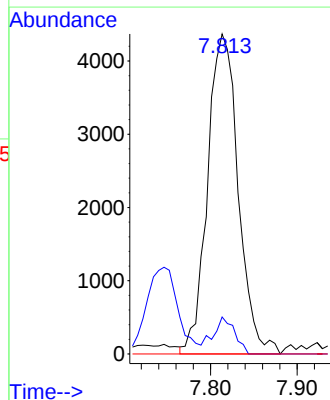
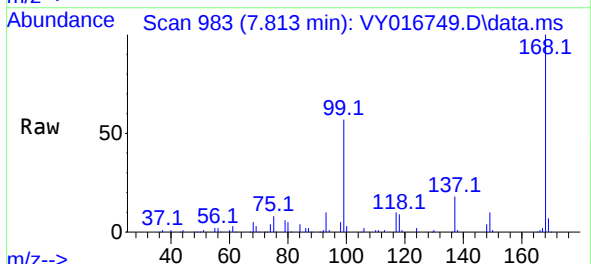


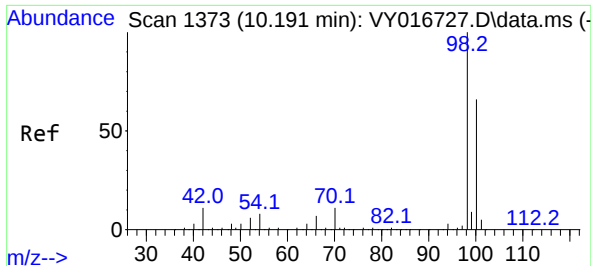
Tgt Ion:113 Resp: 137795
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 3.153 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion: 75 Resp: 10757
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.7 37.1#

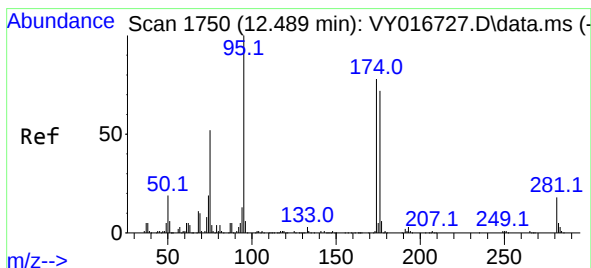
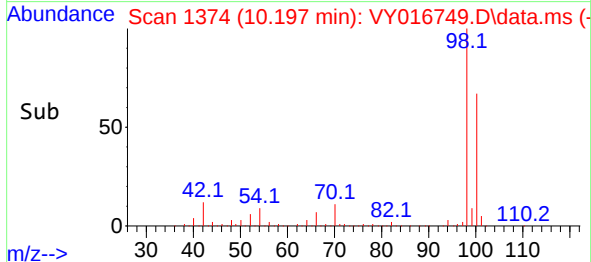
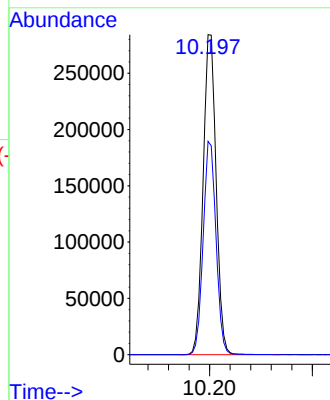
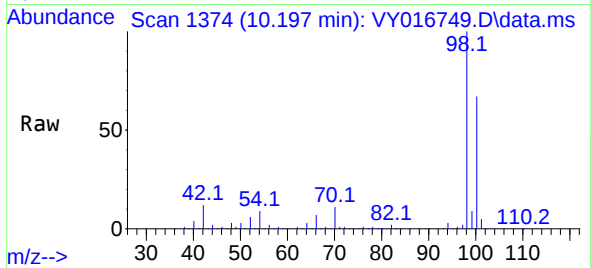




#50
Toluene-d8
Concen: 65.068 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

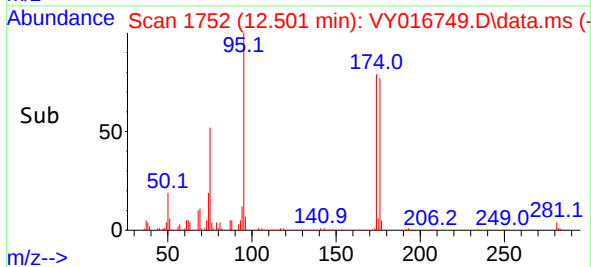
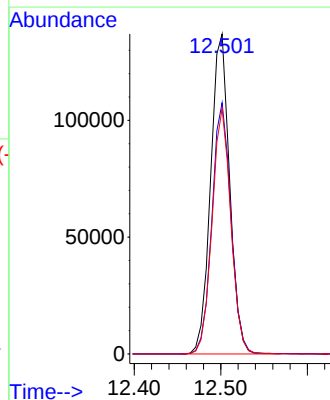
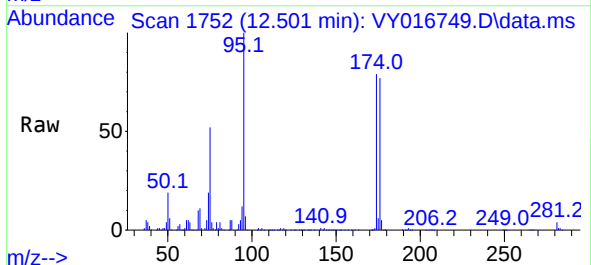
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MSVOA_Y
ClientSampleId :

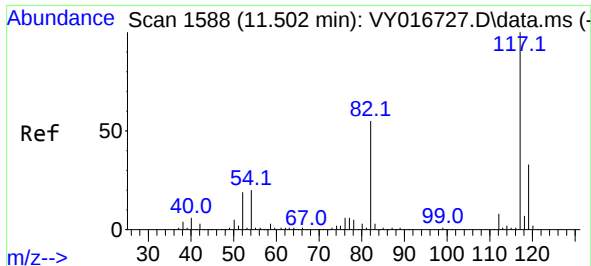
Tgt Ion: 98 Resp: 499206
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 83.805 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion: 95 Resp: 208595
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 75.6 0.0 151.8

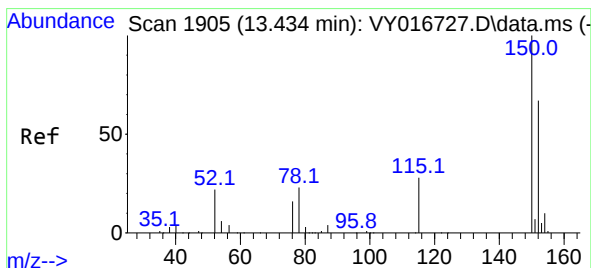
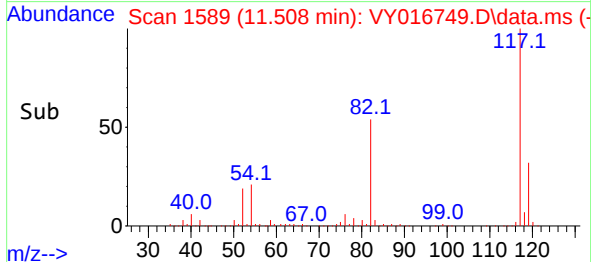
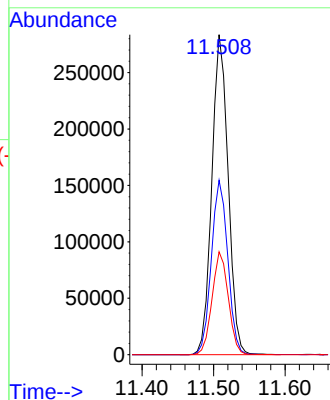
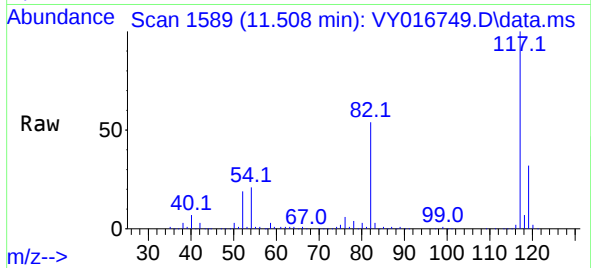




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

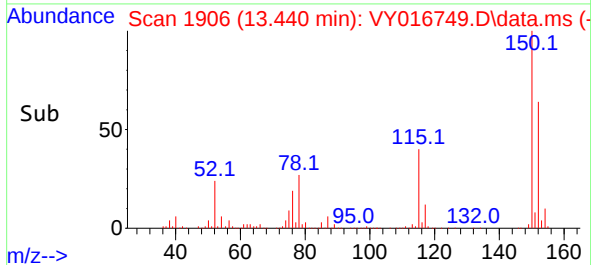
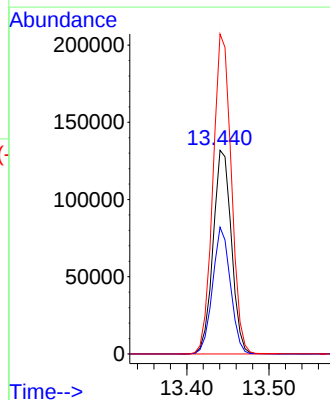
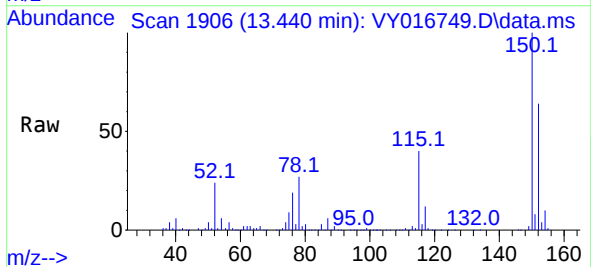
Instrument :
MSVOA_Y
ClientSampleId :

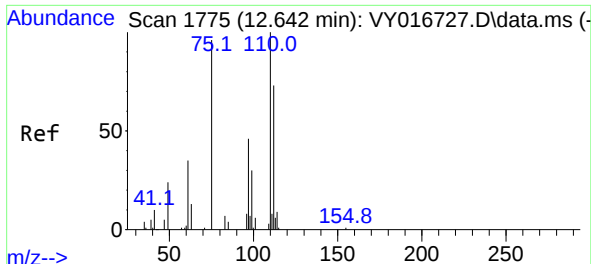
Tgt Ion:117 Resp: 448984
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Tgt Ion:152 Resp: 204254
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 157.4 0.0 344.6

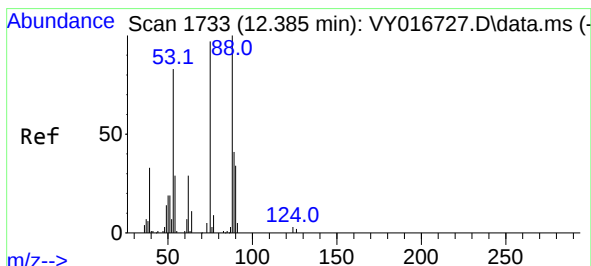
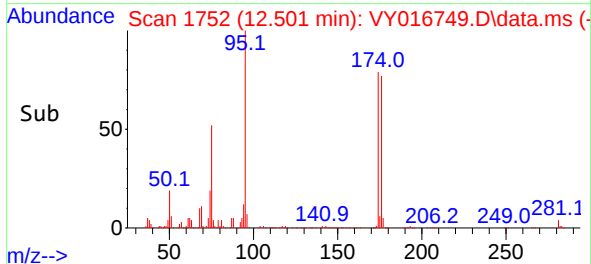
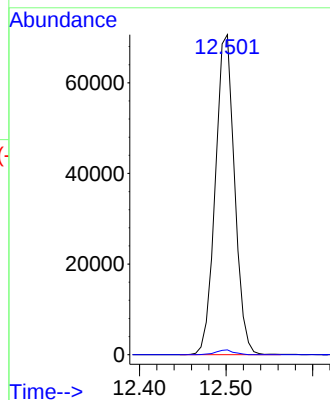
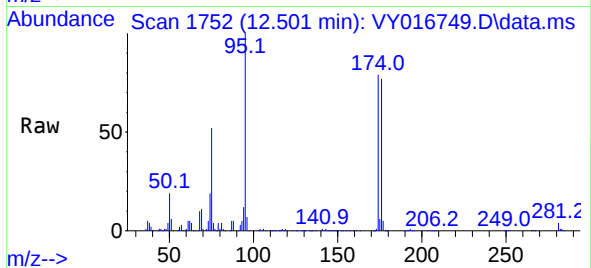




#76
1,2,3-Trichloropropane
Concen: 48.272 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

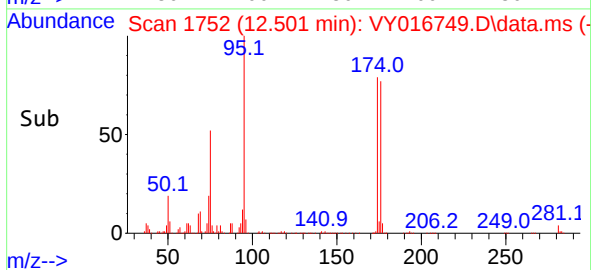
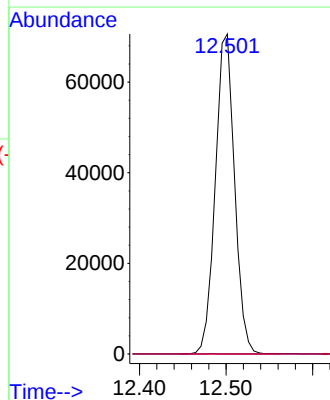
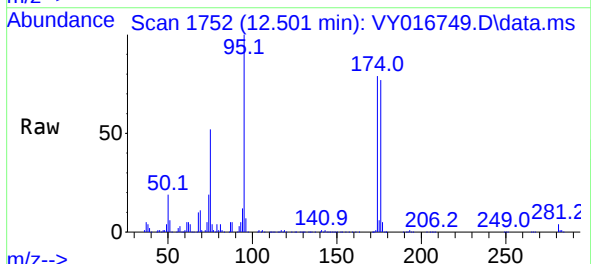
Instrument :
MSVOA_Y
ClientSampleId :

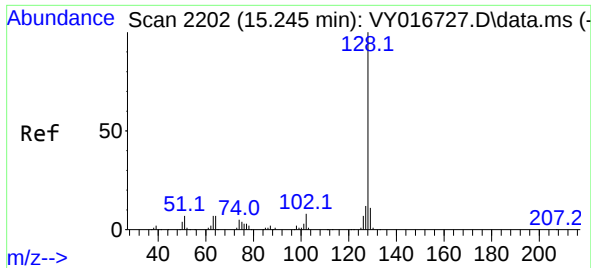
Tgt Ion: 75 Resp: 108994
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.364 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

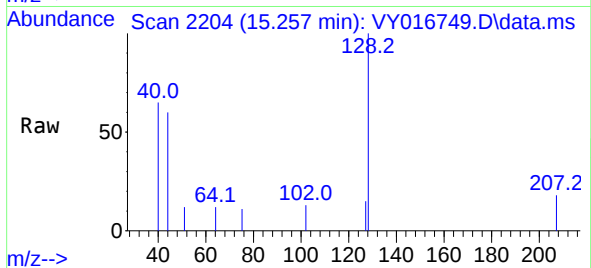
Tgt Ion: 75 Resp: 108994
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.734 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016749.D
Acq: 21 Dec 2023 08:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	994
Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.2	15.4#
129	2.0	8.6	12.8#

