

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016328.D
 Acq On : 13 Nov 2023 17:19
 Operator : SY/MD
 Sample : 05366-01
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:42 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)

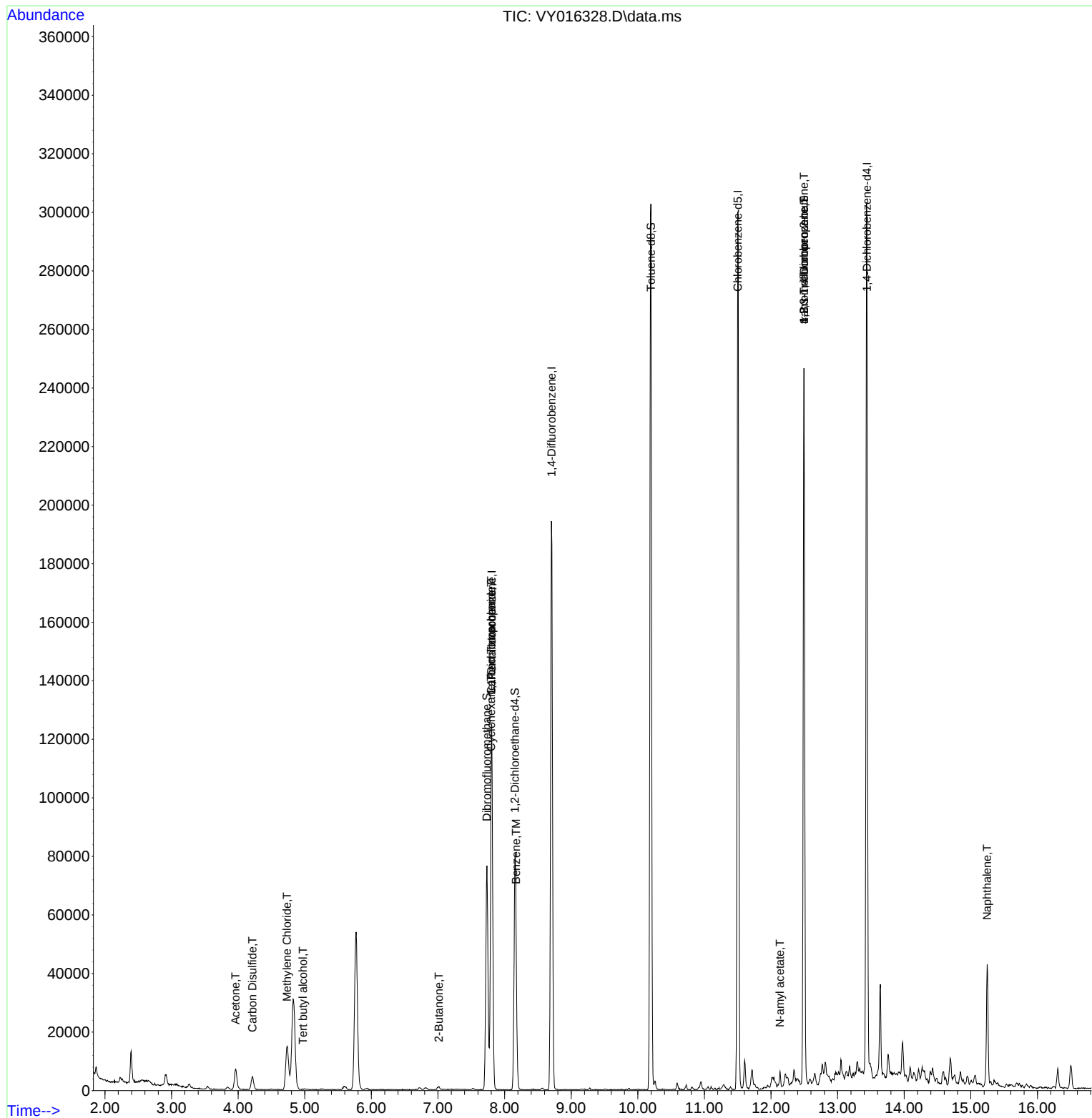
Internal Standards						
1) Pentafluorobenzene	7.807	168	97549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60548	67.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.820%	
35) Dibromofluoromethane	7.734	113	53915	55.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.197	98	203324	51.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.495	95	73355	57.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	280	4.011	ug/l #	89
16) Acetone	3.960	43	12367	83.858	ug/l #	86
17) Carbon Disulfide	4.216	76	8683	2.919	ug/l	100
20) Methylene Chloride	4.735	84	12041	8.681	ug/l	89
25) 2-Butanone	7.015	43	2131	8.250	ug/l #	89
31) Cyclohexane	7.795	56	1981	1.129	ug/l #	2
36) 1,1-Dichloropropene	7.801	75	7511	4.447	ug/l #	51
38) Carbon Tetrachloride	7.801	117	9610	5.482	ug/l #	17
40) Benzene	8.173	78	11575	2.439	ug/l	97
74) N-amyl acetate	12.136	43	1335	1.025	ug/l #	72
76) 1,2,3-Trichloropropane	12.495	75	37323	48.578	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37323	105.442	ug/l #	11
95) Naphthalene	15.245	128	35349	14.012	ug/l	97

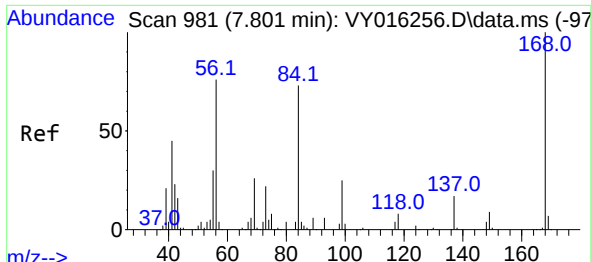
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016328.D
Acq On : 13 Nov 2023 17:19
Operator : SY/MD
Sample : 05366-01
Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

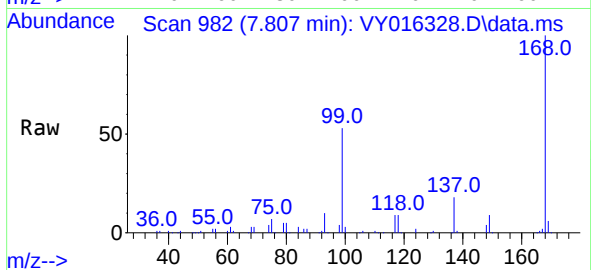
Quant Time: Nov 14 04:38:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



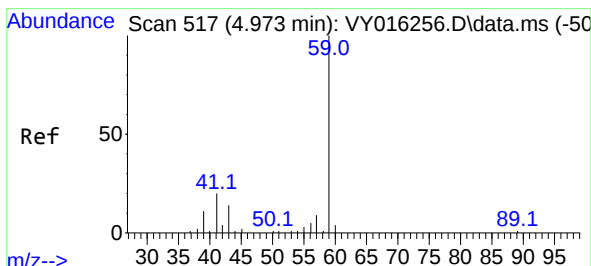
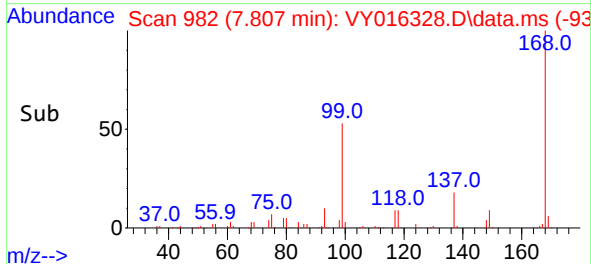
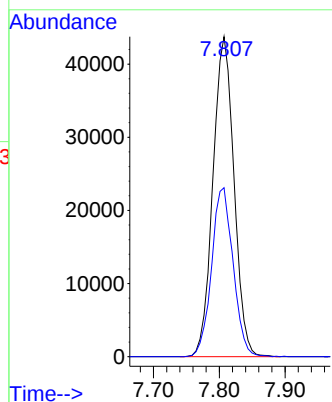


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

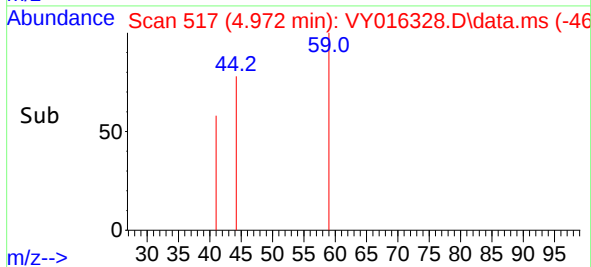
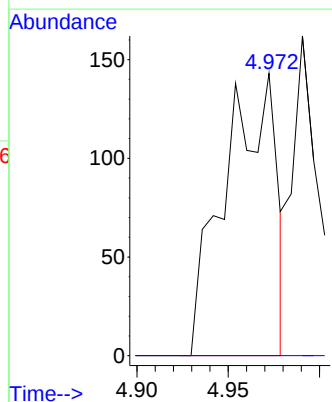
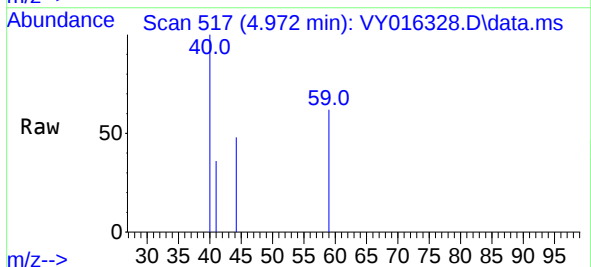


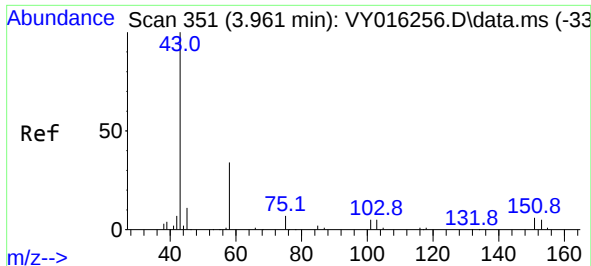
Tgt Ion:168 Resp: 97549
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.011 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

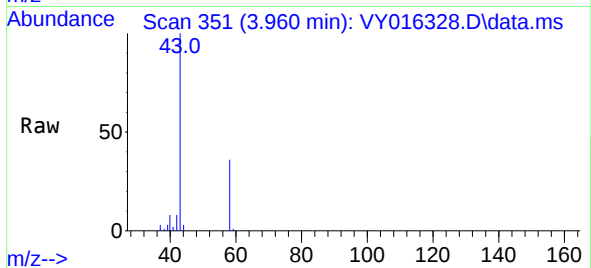
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



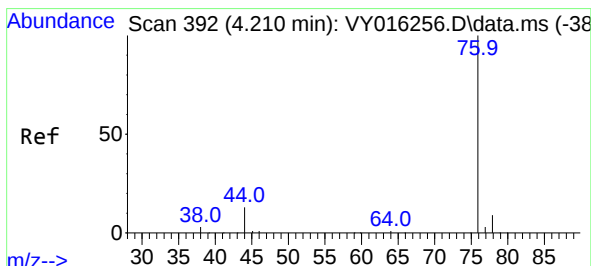
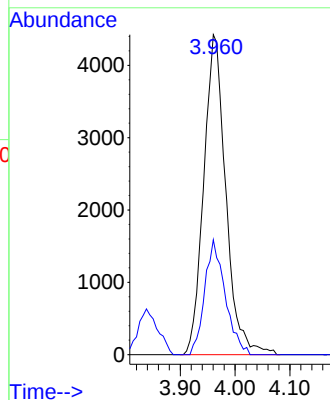
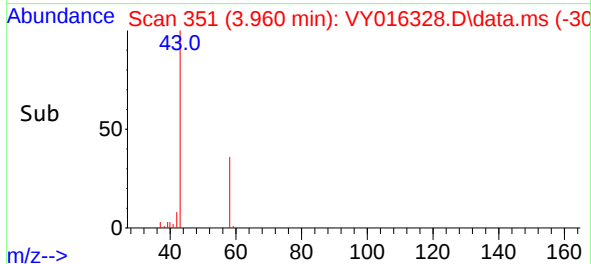


#16
Acetone
Concen: 83.858 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

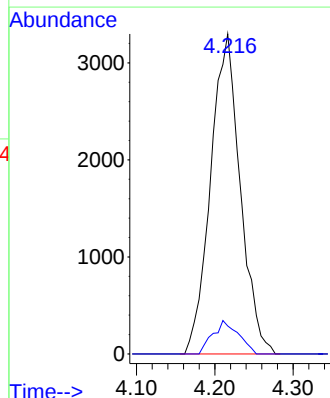
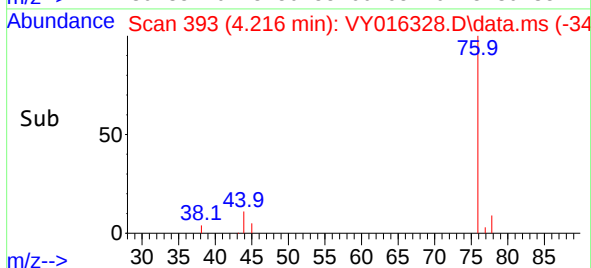
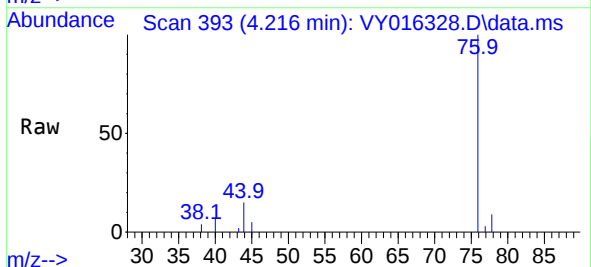


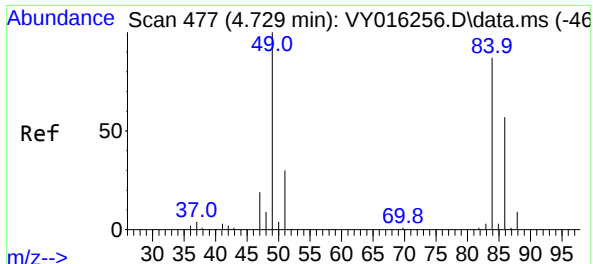
Tgt Ion: 43 Resp: 12367
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#



#17
Carbon Disulfide
Concen: 2.919 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Tgt Ion: 76 Resp: 8683
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



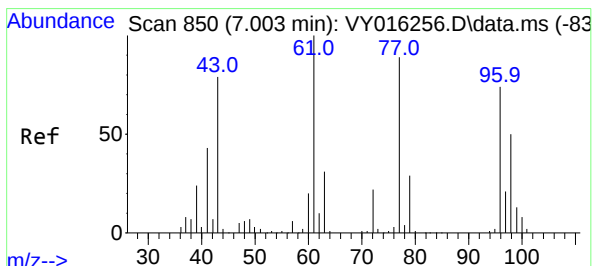
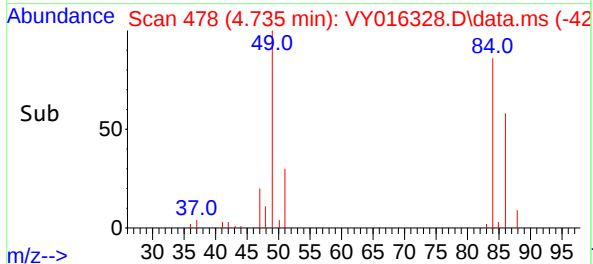
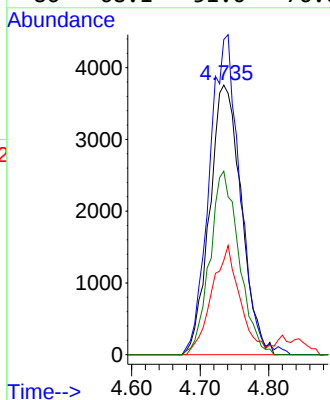
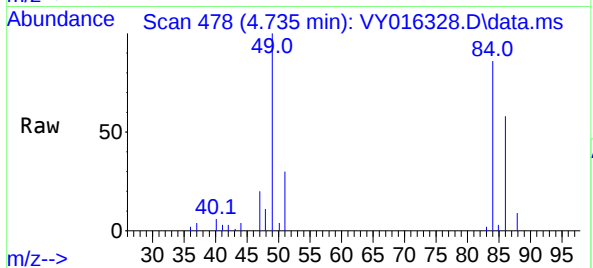


#20
Methylene Chloride
Concen: 8.681 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 12041

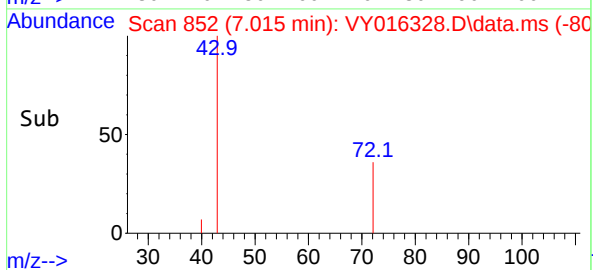
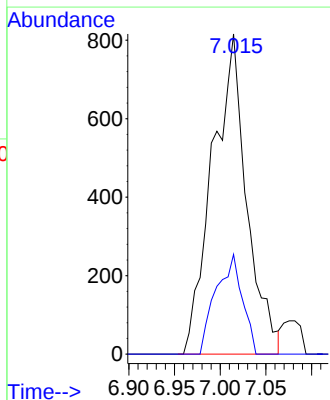
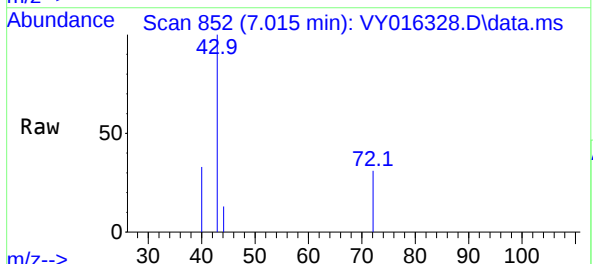
Ion	Ratio	Lower	Upper
84	100		
49	117.0	106.9	160.3
51	34.9	33.2	49.8
86	68.1	51.0	76.6

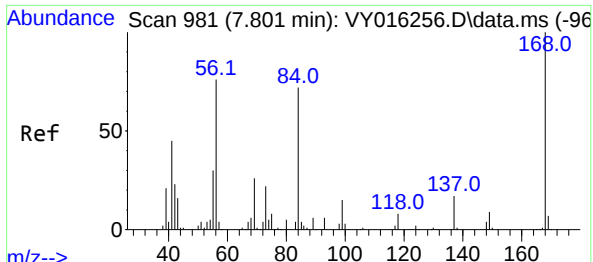


#25
2-Butanone
Concen: 8.250 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Tgt Ion: 43 Resp: 2131

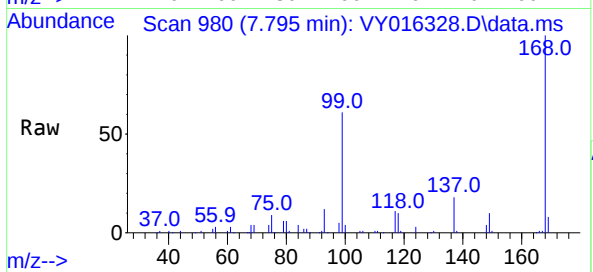
Ion	Ratio	Lower	Upper
43	100		
72	31.1	20.5	30.7#



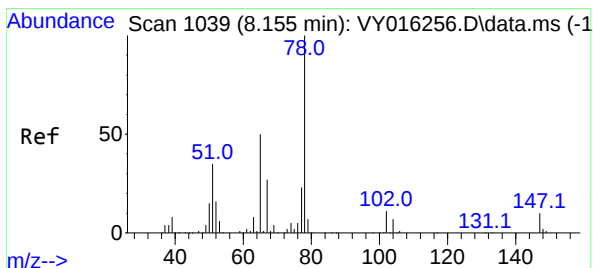
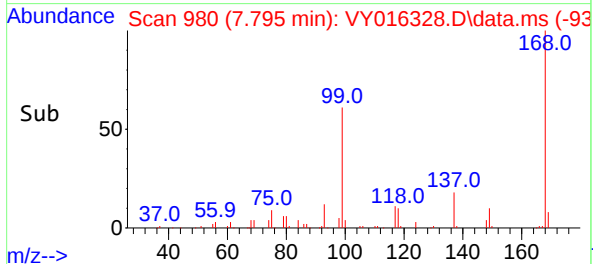
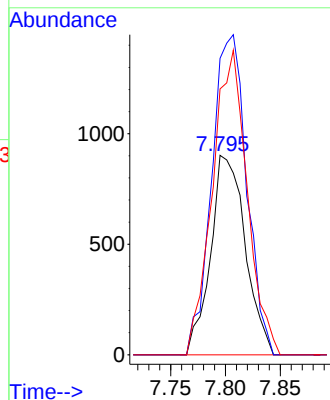


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

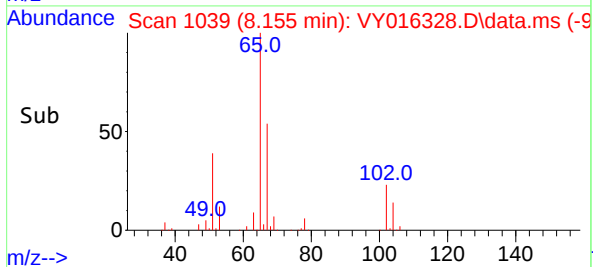
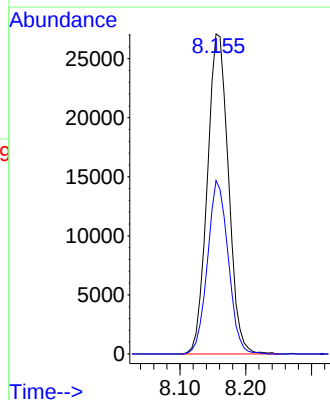
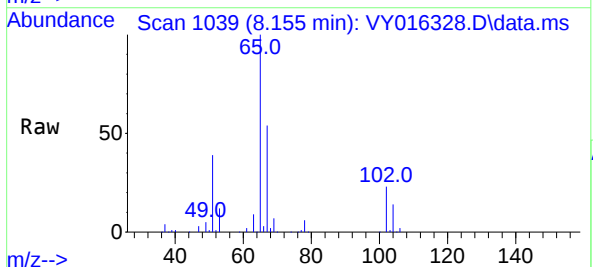


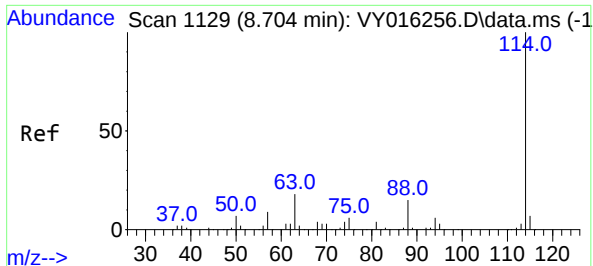
Tgt Ion: 56 Resp: 1981
Ion Ratio Lower Upper
56 100
69 148.7 27.8 41.6#
84 133.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.912 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Tgt Ion: 65 Resp: 60548
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016328.D

Acq: 13 Nov 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

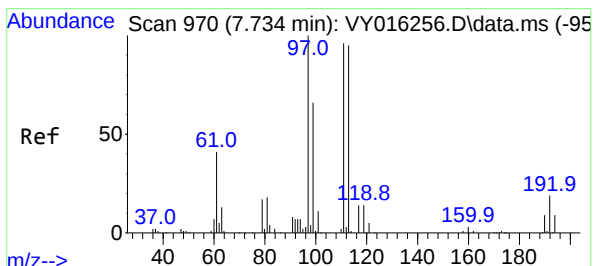
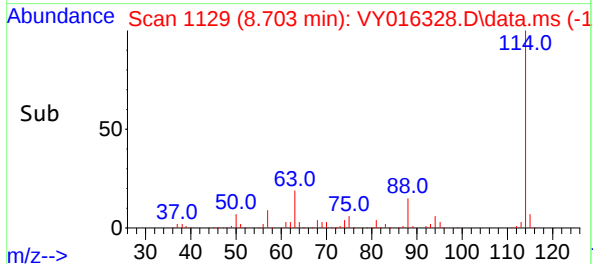
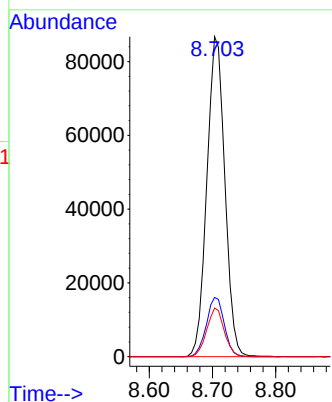
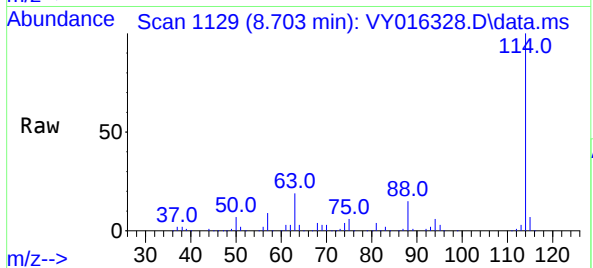
Tgt Ion:114 Resp: 171232

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.428 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016328.D

Acq: 13 Nov 2023 17:19

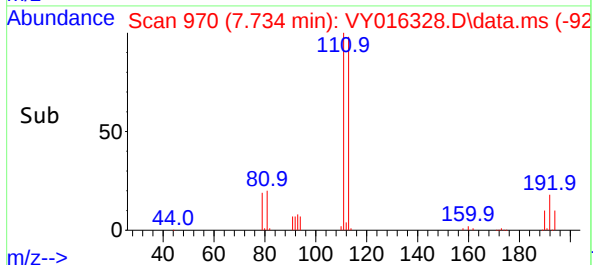
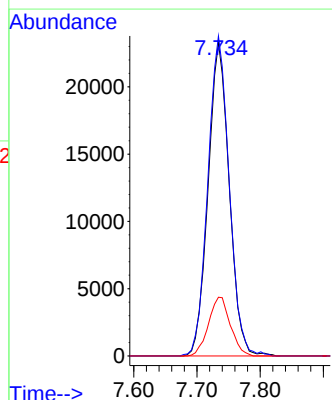
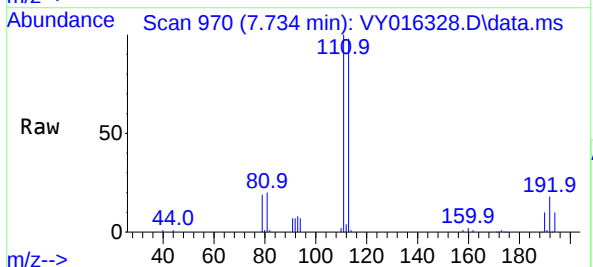
Tgt Ion:113 Resp: 53915

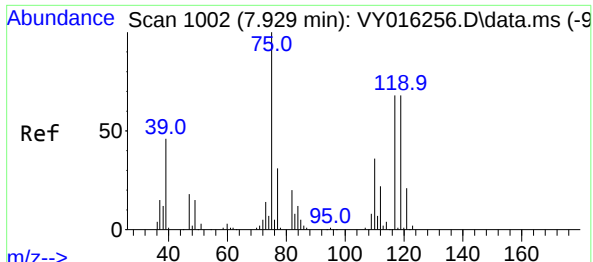
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

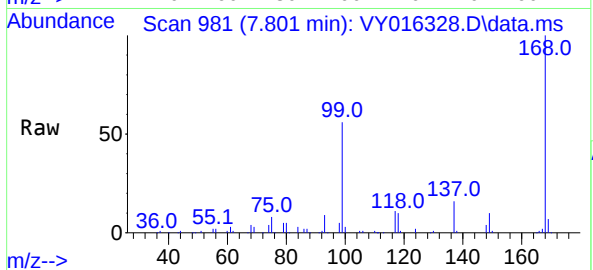
192 19.4 16.9 25.3



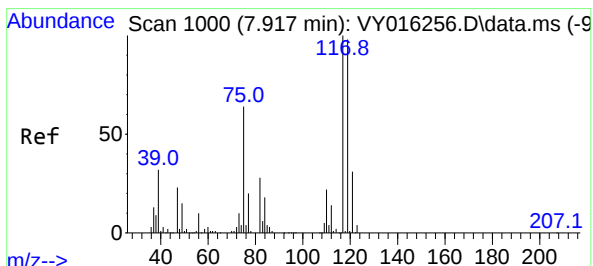
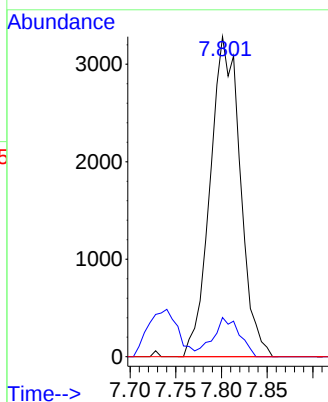
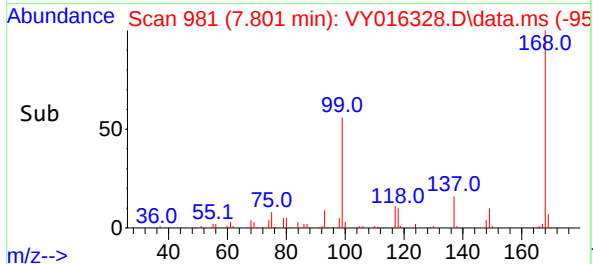


#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

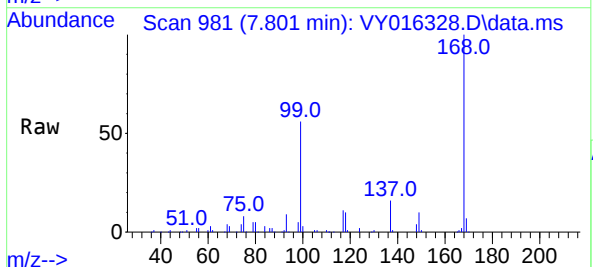
Instrument :
MSVOA_Y
ClientSampleId :



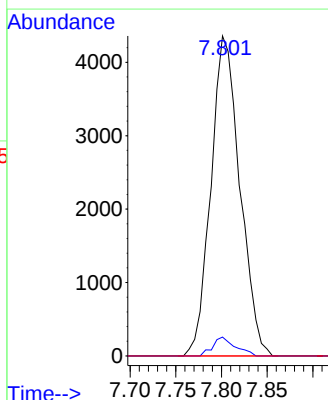
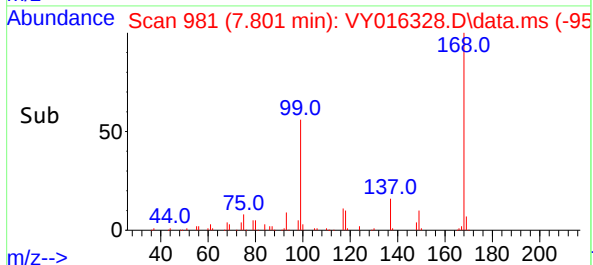
Tgt Ion: 75 Resp: 7511
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 24.4 36.6#

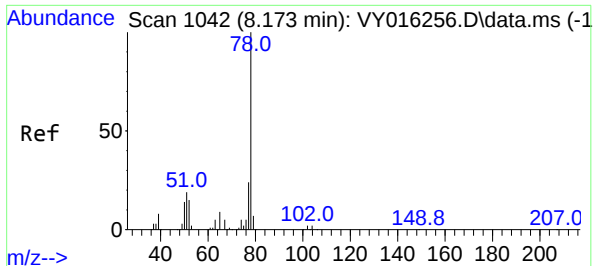


#38
Carbon Tetrachloride
Concen: 5.482 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19



Tgt Ion: 117 Resp: 9610
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#

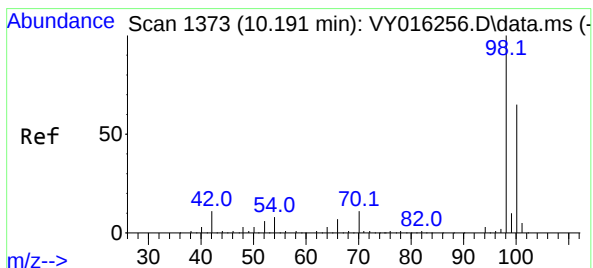
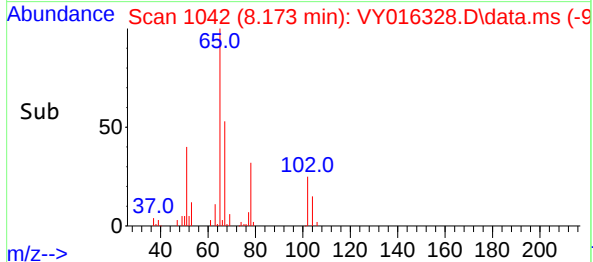
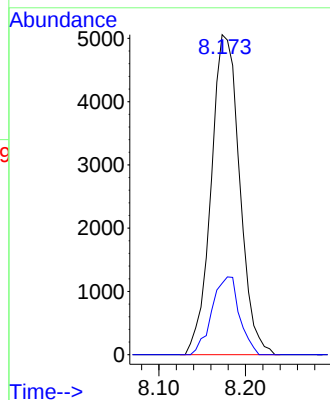
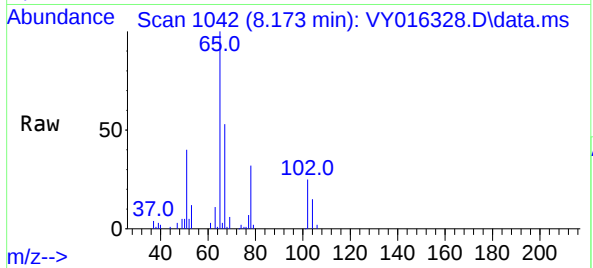




#40
Benzene
Concen: 2.439 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

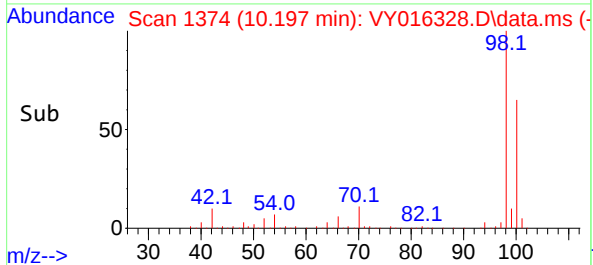
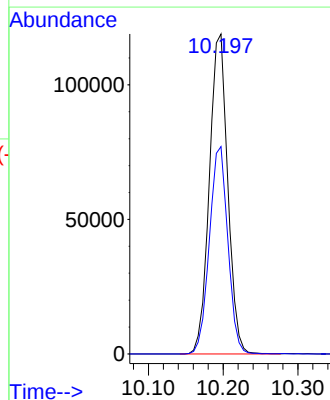
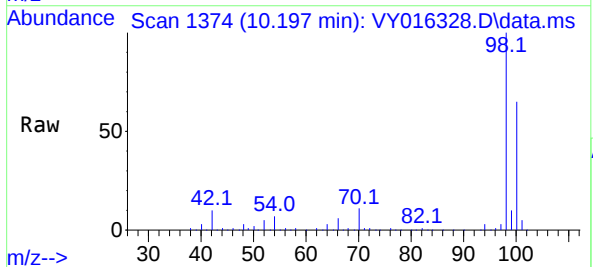
Instrument :
MSVOA_Y
ClientSampleId :

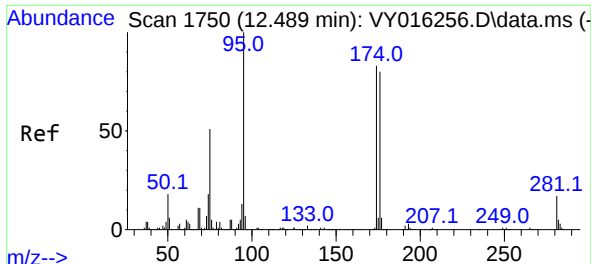
Tgt Ion: 78 Resp: 11575
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6



#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Tgt Ion: 98 Resp: 203324
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

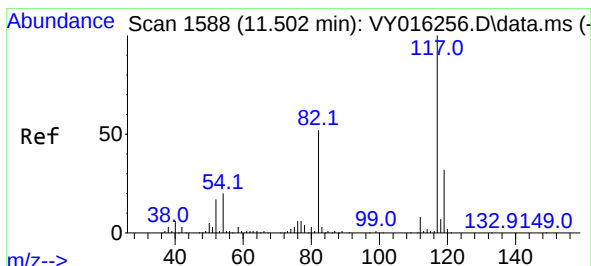
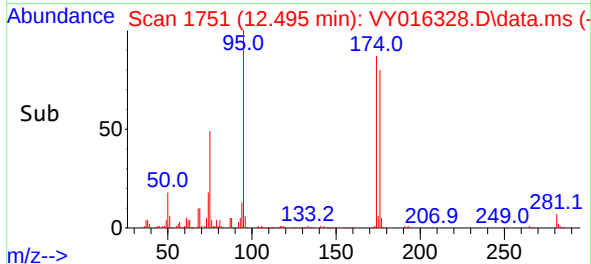
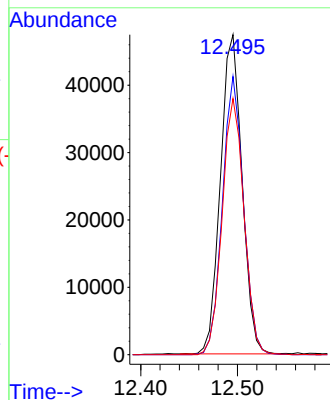
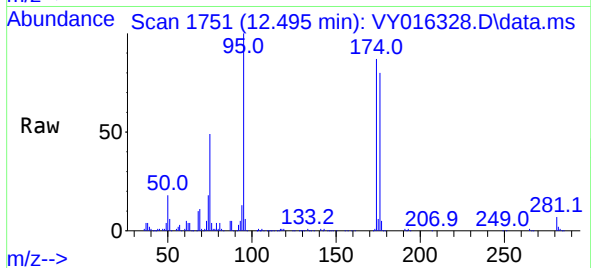




#62
4-Bromofluorobenzene
Concen: 57.258 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

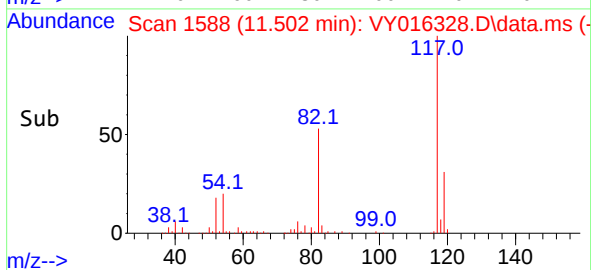
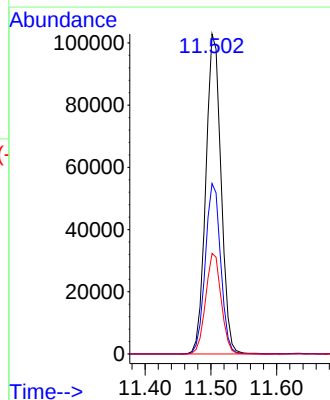
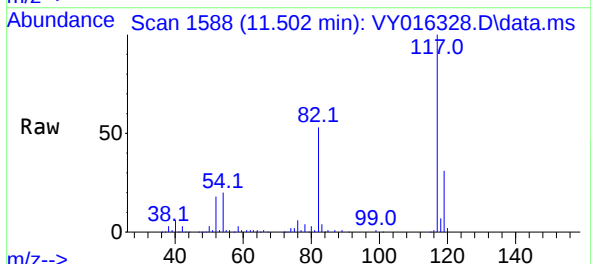
Instrument :
MSVOA_Y
ClientSampleId :

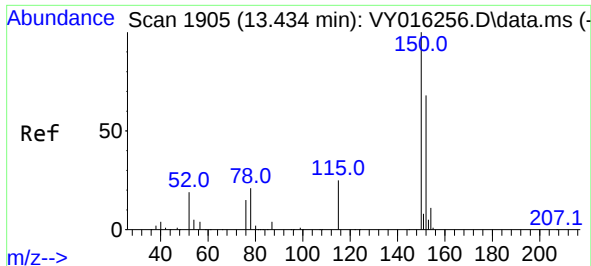
Tgt Ion: 95 Resp: 73355
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

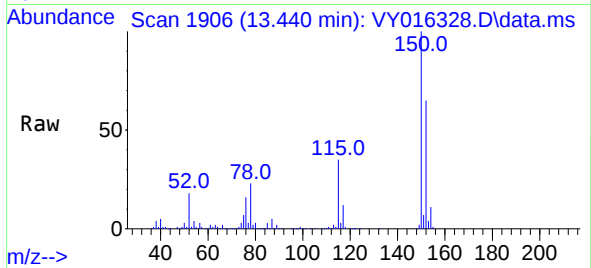
Tgt Ion: 117 Resp: 165969
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.4 26.3 39.5



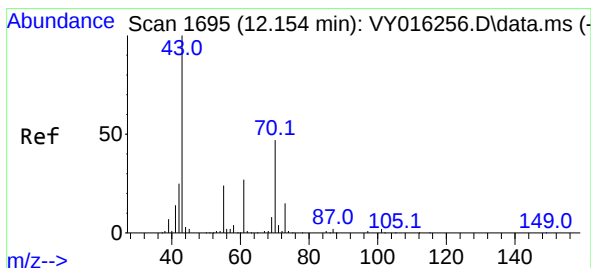
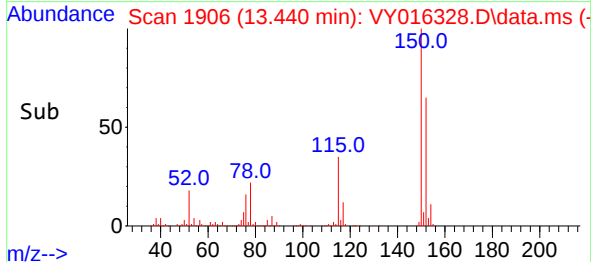
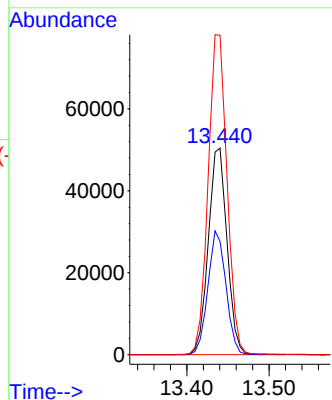


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

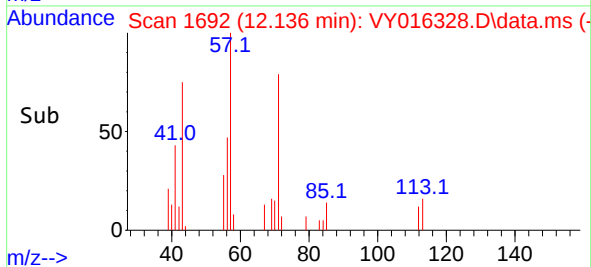
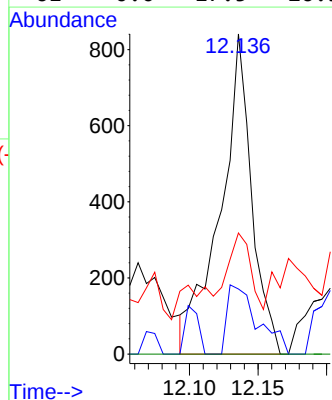
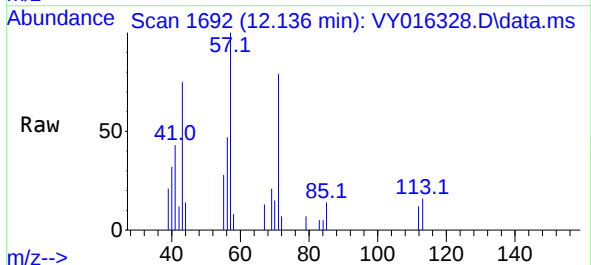


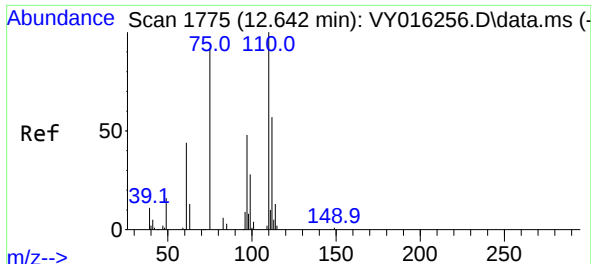
Tgt Ion:152 Resp: 80092
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 156.1 0.0 348.8



#74
N-ethyl acetate
Concen: 1.025 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.019 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
70 21.0 29.7 44.5#
55 16.7 18.3 27.5#
61 0.0 17.5 26.3#

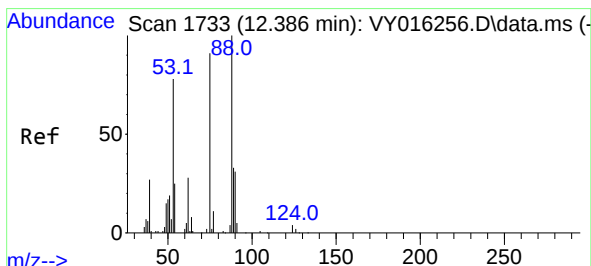
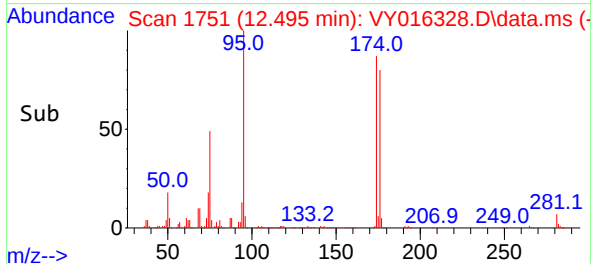
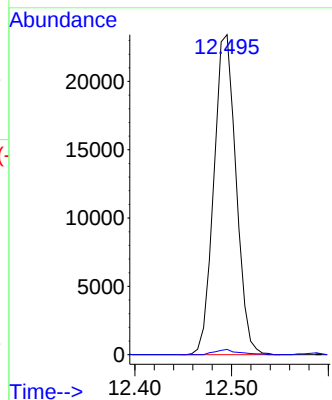
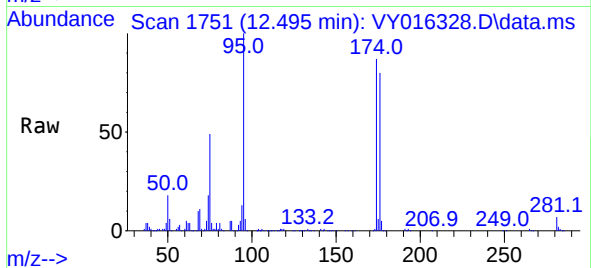




#76
1,2,3-Trichloropropane
Concen: 48.578 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

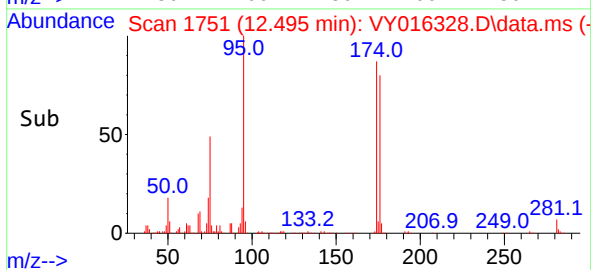
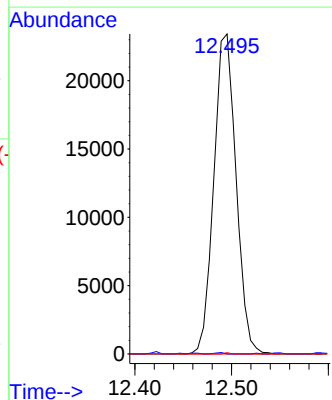
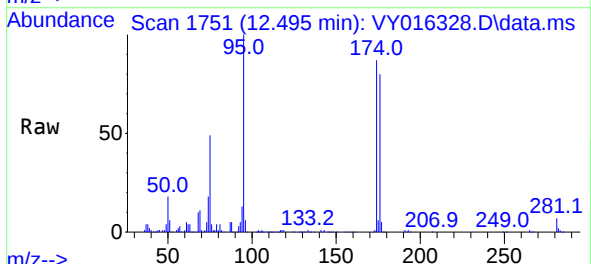
Instrument :
MSVOA_Y
ClientSampleId :

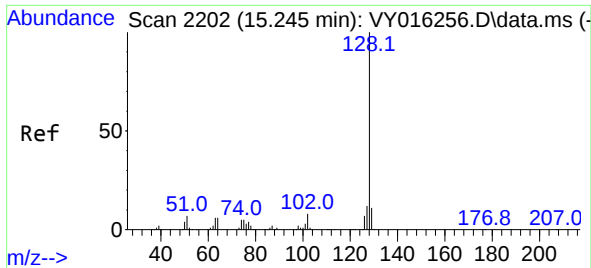
Tgt Ion: 75 Resp: 37323
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.442 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

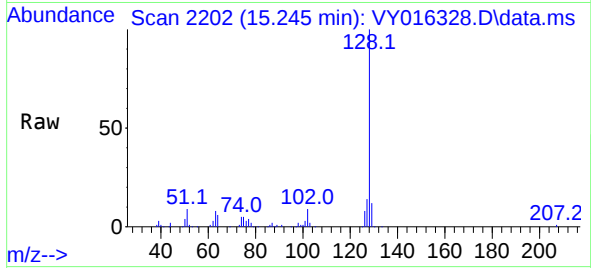
Tgt Ion: 75 Resp: 37323
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 14.012 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY016328.D
Acq: 13 Nov 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	11.9	8.6	13.0

