

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016444.D
 Acq On : 21 Nov 2023 17:45
 Operator : SY/MD
 Sample : 05504-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:20:24 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)

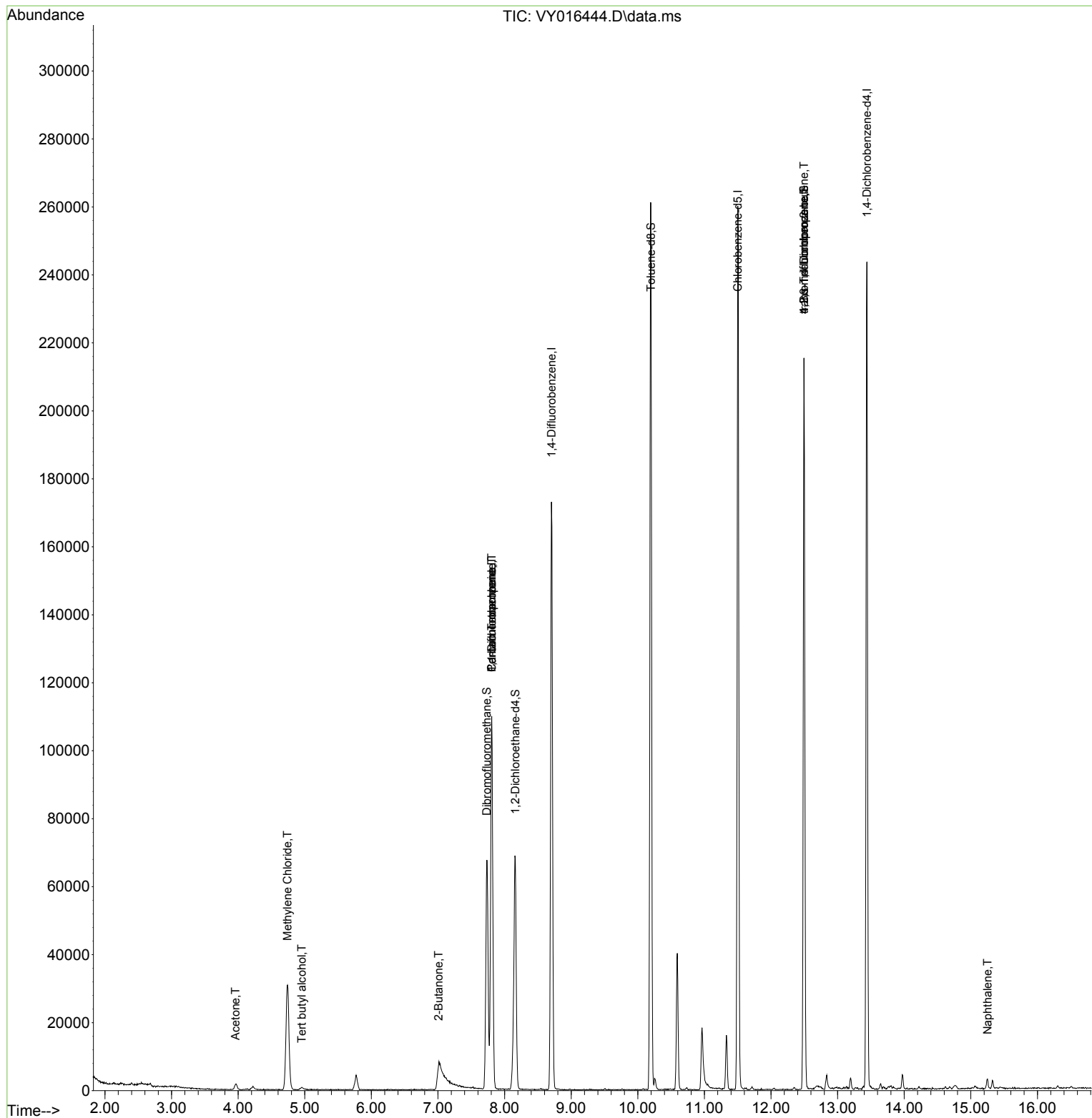
Internal Standards						
1) Pentafluorobenzene	7.807	168	88346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	158044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	149561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52079	64.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.000%	
35) Dibromofluoromethane	7.734	113	49695	55.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.700%	
50) Toluene-d8	10.197	98	181187	49.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.495	95	61478	51.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	536	8.477	ug/l #	89
16) Acetone	3.960	43	2831	21.196	ug/l	93
20) Methylene Chloride	4.741	84	26781	26.766	ug/l #	84
25) 2-Butanone	7.008	43	354	1.513	ug/l #	49
36) 1,1-Dichloropropene	7.807	75	6818	4.374	ug/l #	49
38) Carbon Tetrachloride	7.807	117	8808	5.444	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	31399	49.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	31399	108.141	ug/l #	11
95) Naphthalene	15.251	128	3006	1.453	ug/l	95

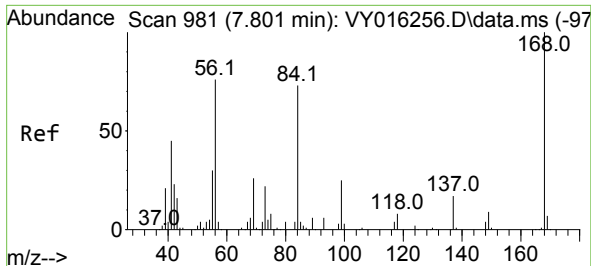
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 01:20:24 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

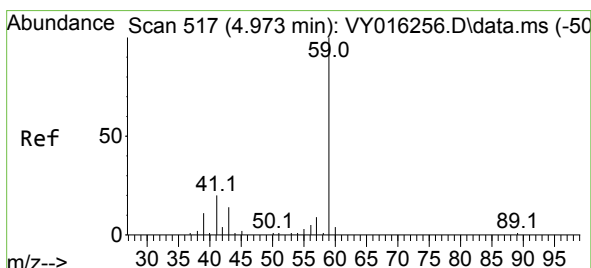
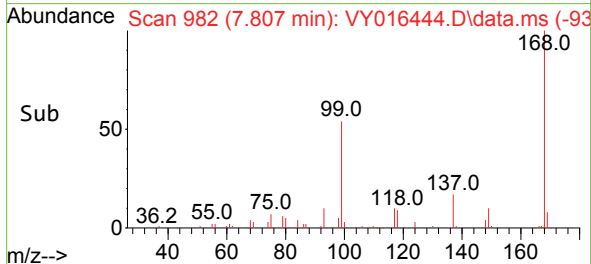
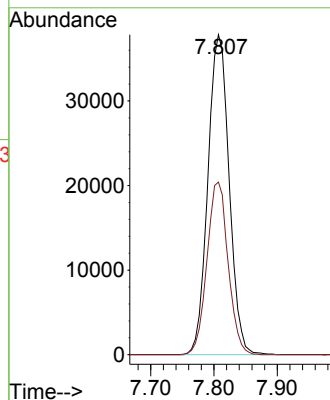
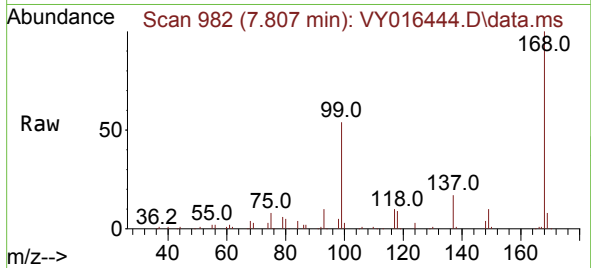




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

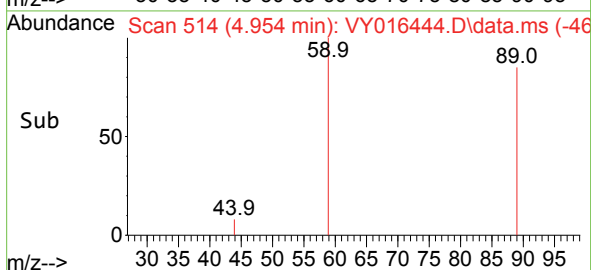
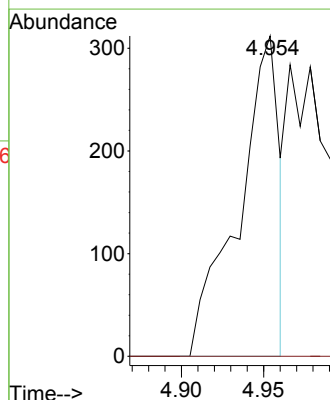
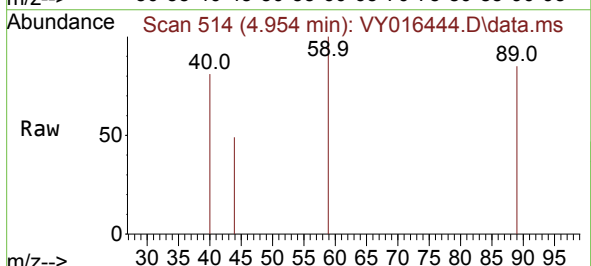
Instrument :
MSVOA_Y
ClientSampleId :

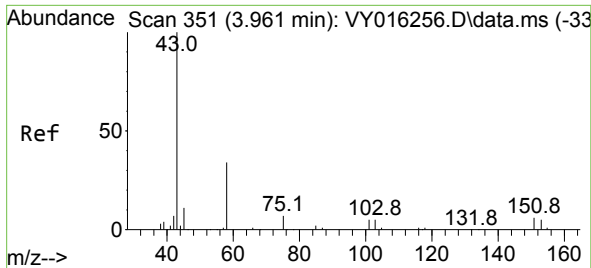
Tgt Ion:168 Resp: 88346
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.477 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

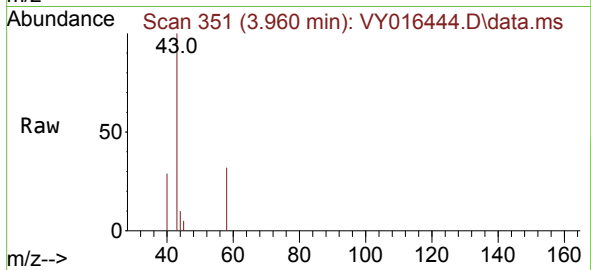
Tgt Ion: 59 Resp: 536
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



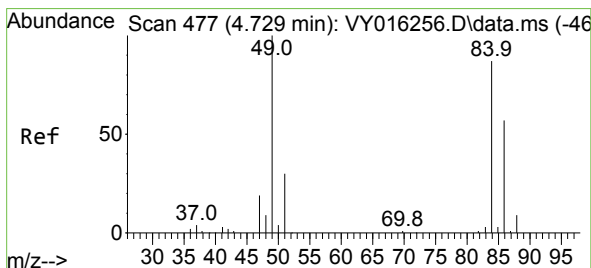
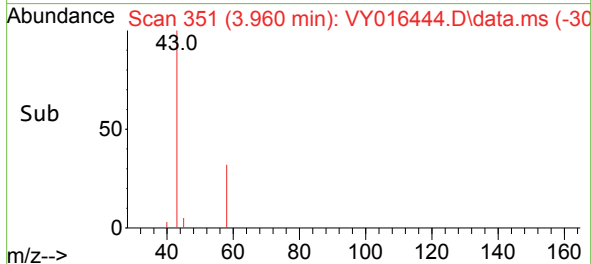
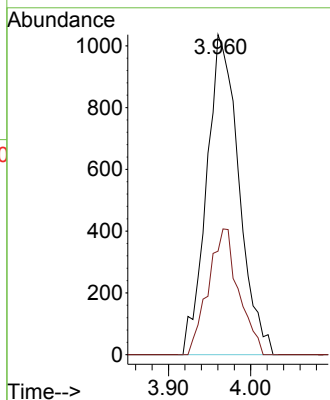


#16
Acetone
Concen: 21.196 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :

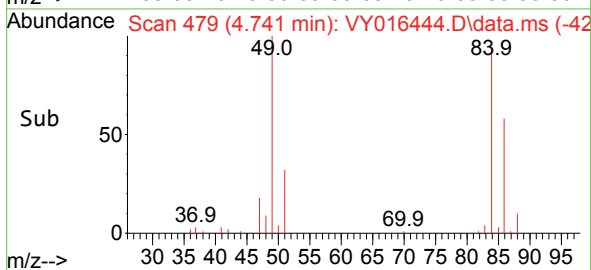
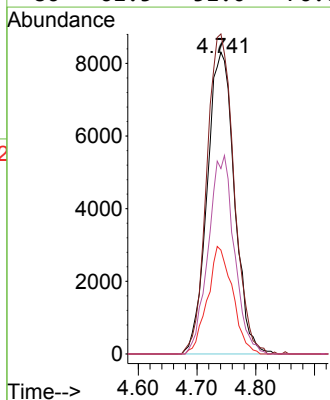
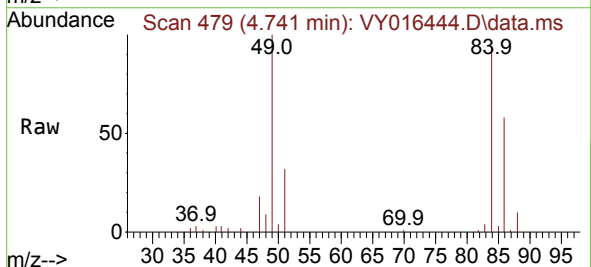


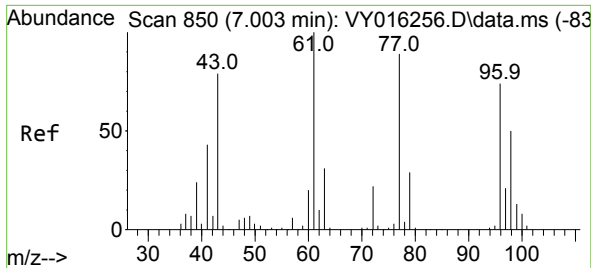
Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1



#20
Methylene Chloride
Concen: 26.766 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion: 84 Resp: 26781
Ion Ratio Lower Upper
84 100
49 106.1 106.9 160.3#
51 34.4 33.2 49.8
86 61.5 51.0 76.6

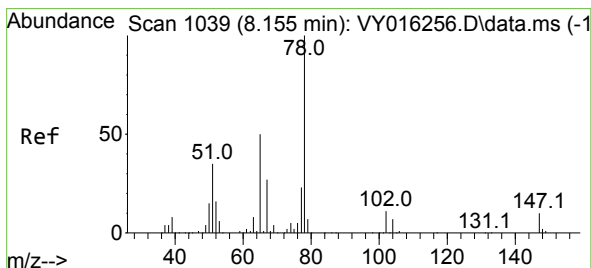
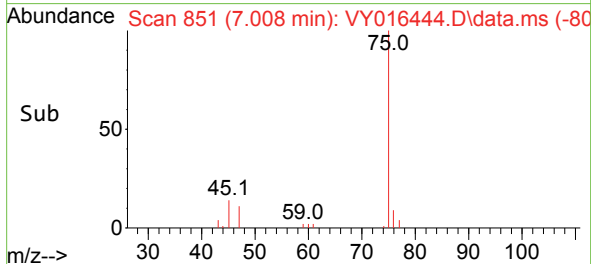
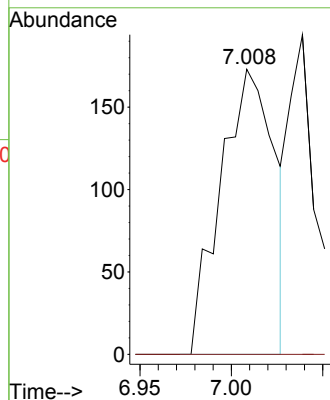
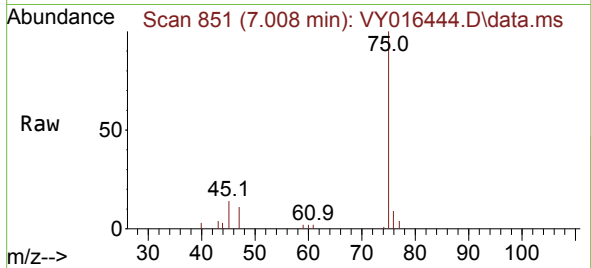




#25
2-Butanone
Concen: 1.513 ug/l
RT: 7.008 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

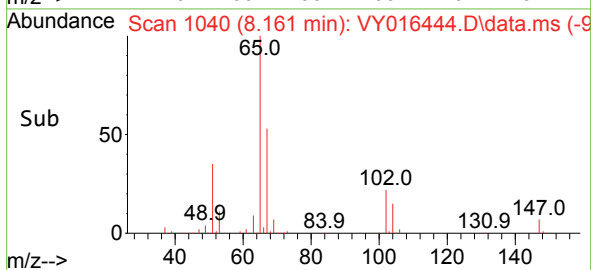
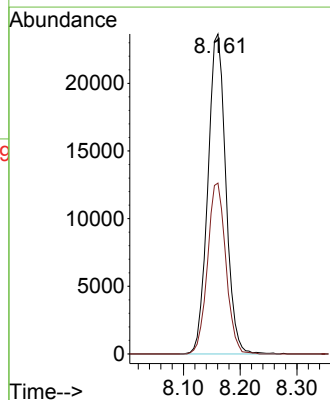
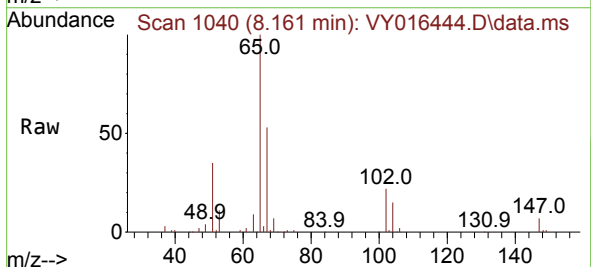
Instrument :
MSVOA_Y
ClientSampleId :

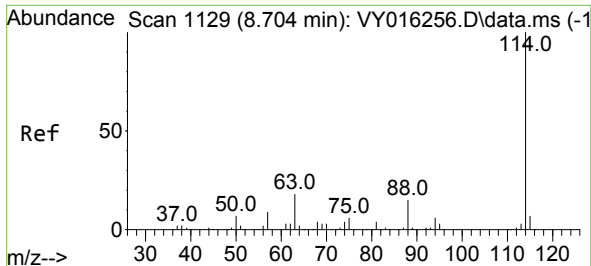
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 64.498 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion: 65 Resp: 52079
Ion Ratio Lower Upper
65 100
67 54.4 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: VY016444.D

Acq: 21 Nov 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

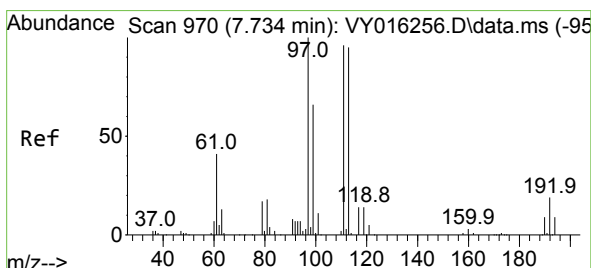
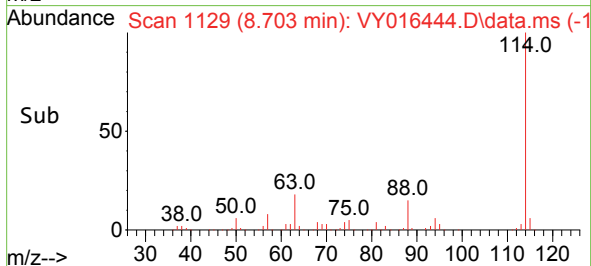
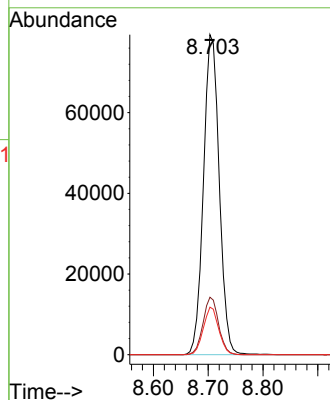
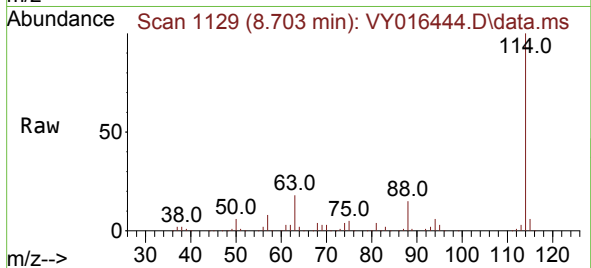
Tgt Ion:114 Resp: 158044

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.353 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

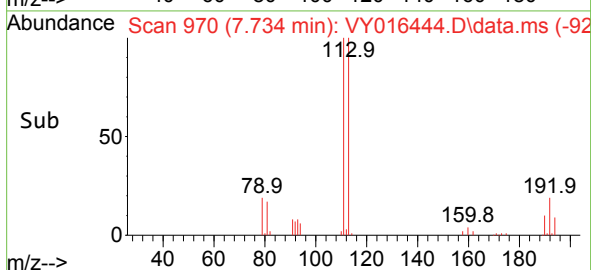
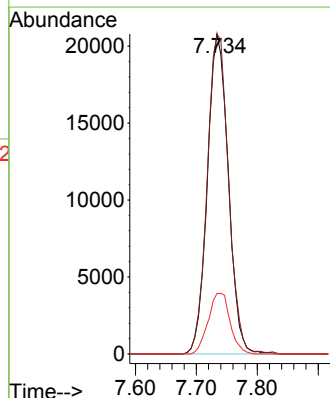
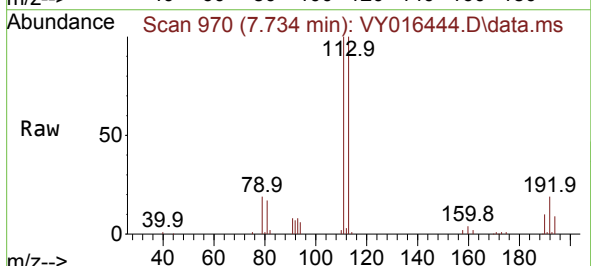
Tgt Ion:113 Resp: 49695

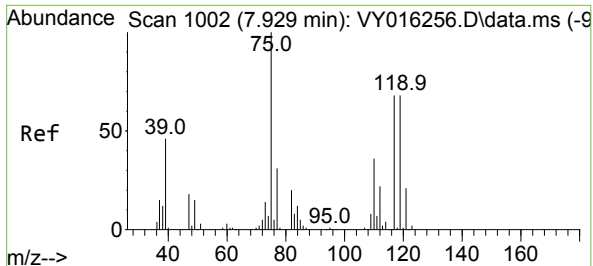
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.374 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

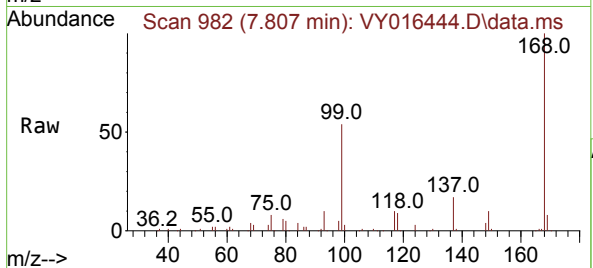
Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

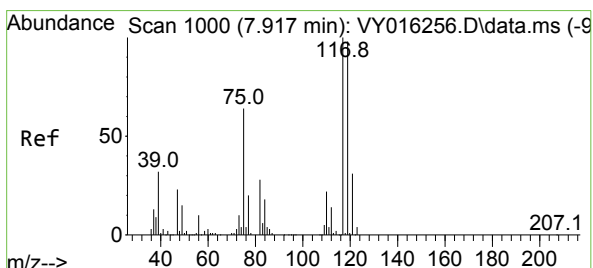
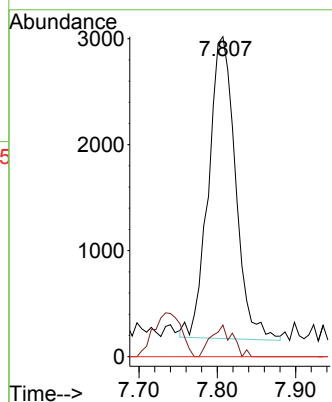
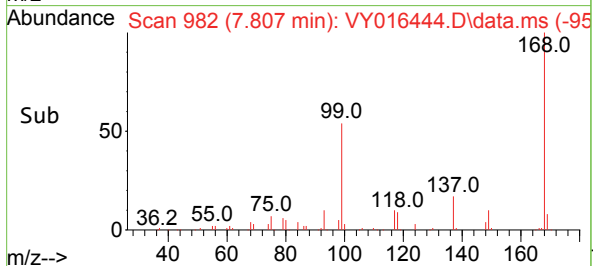
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6818
Ion Ratio	Lower Upper
75	100
110	8.4 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.444 ug/l

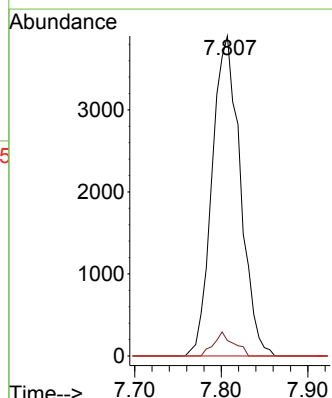
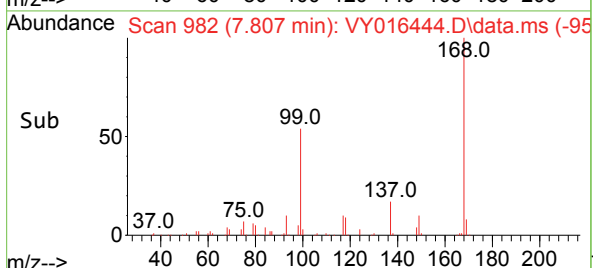
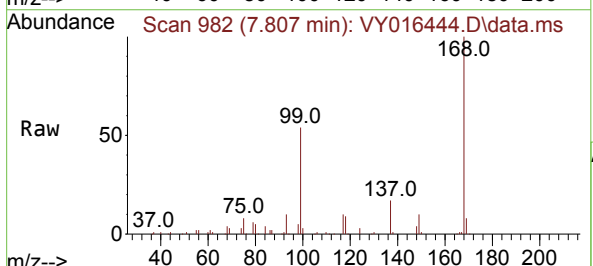
RT: 7.807 min Scan# 982

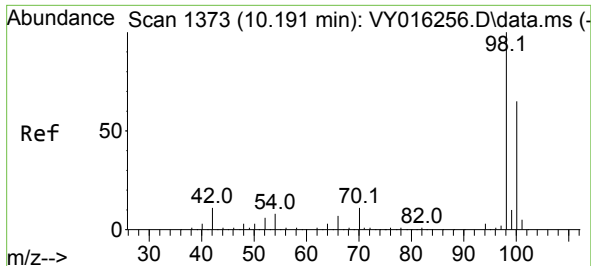
Delta R.T. -0.110 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

Tgt Ion: 117	Resp: 8808
Ion Ratio	Lower Upper
117	100
119	4.8 76.4 114.6#
121	0.0 25.8 38.6#

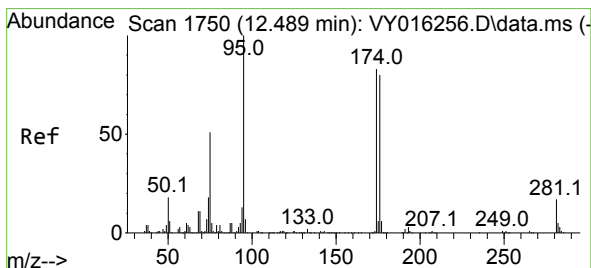
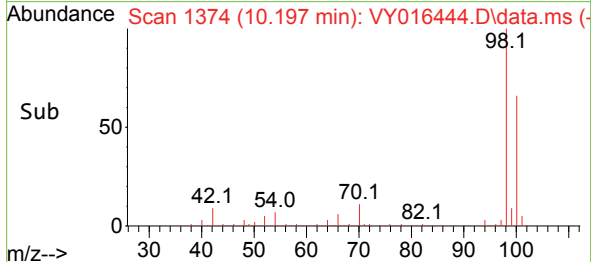
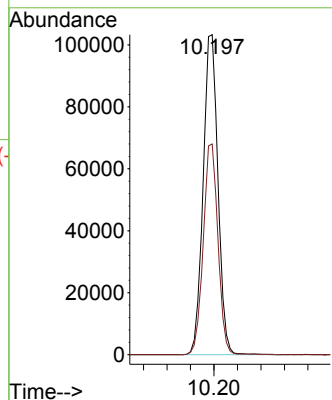
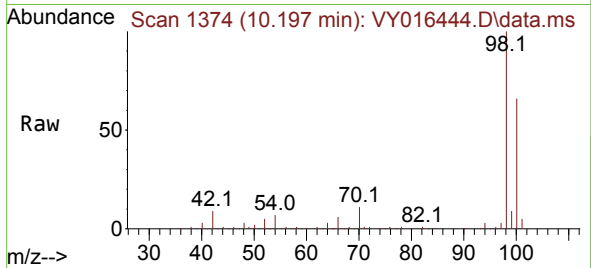




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

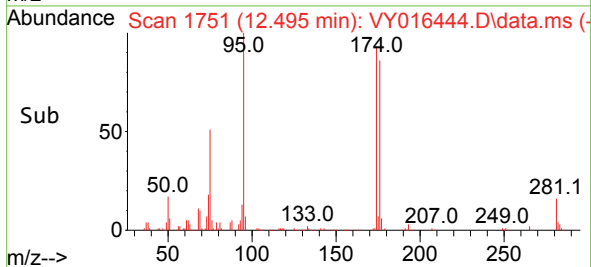
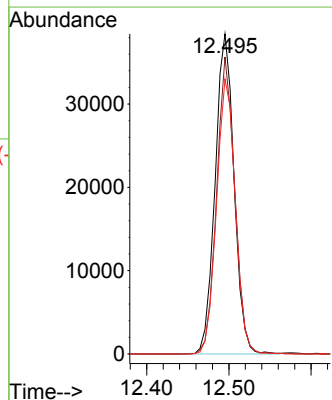
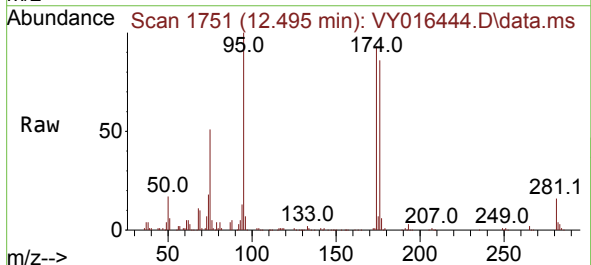
Instrument :
MSVOA_Y
ClientSampleId :

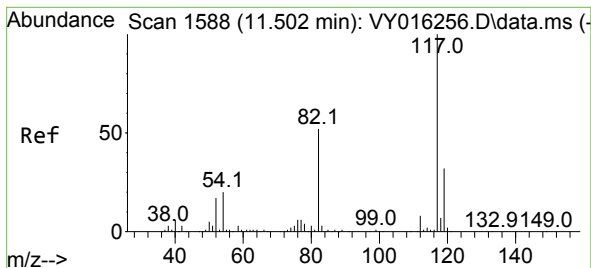
Tgt Ion: 98 Resp: 181187
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.992 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion: 95 Resp: 61478
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 85.2 0.0 173.8

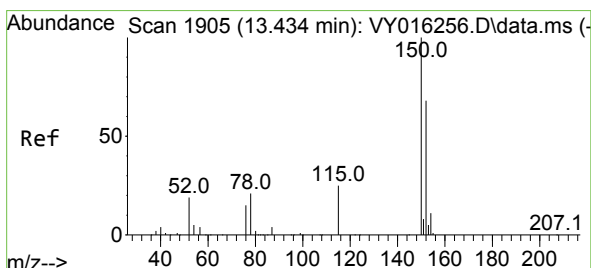
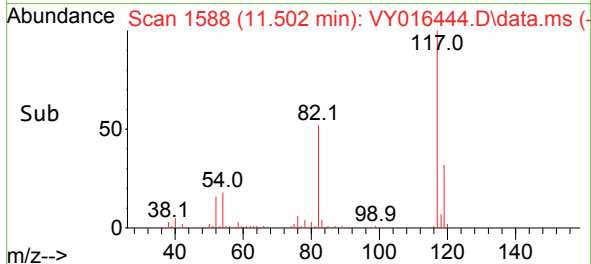
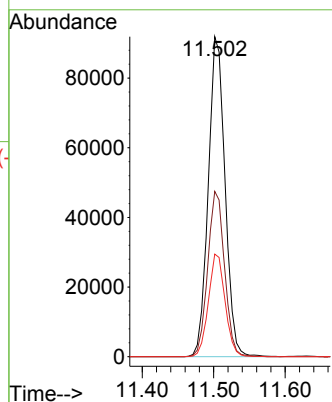
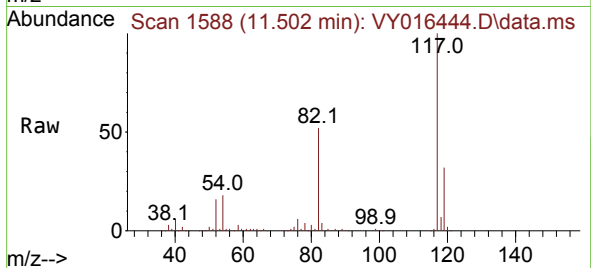




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

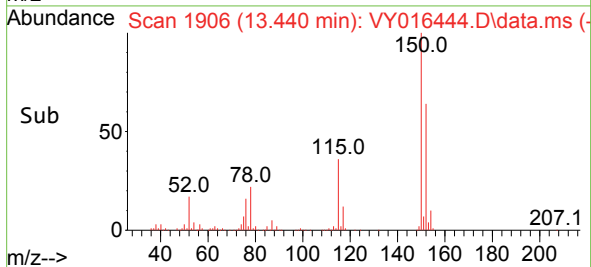
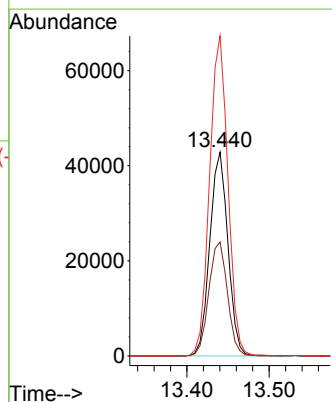
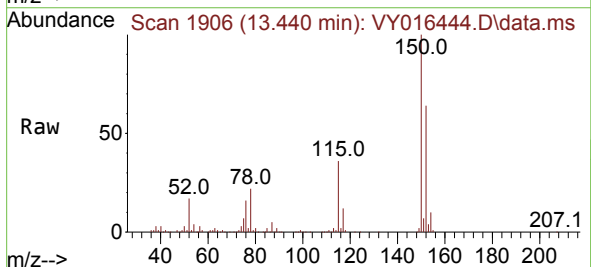
Instrument :
MSVOA_Y
ClientSampleId :

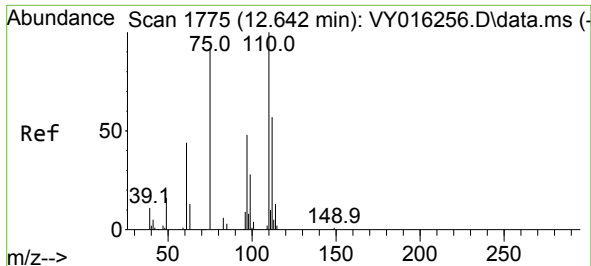
Tgt Ion:117 Resp: 149561
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion:152 Resp: 65698
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 158.5 0.0 348.8

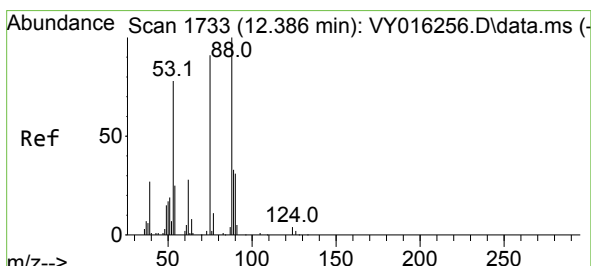
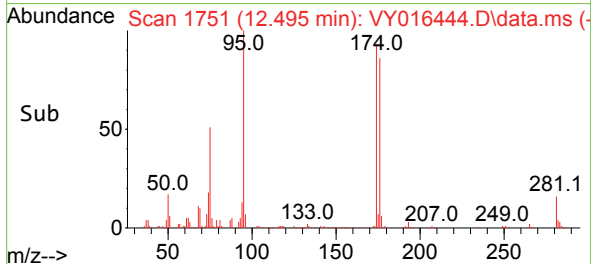
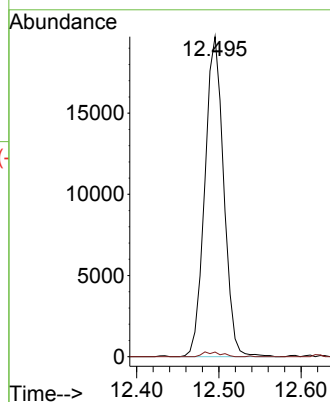
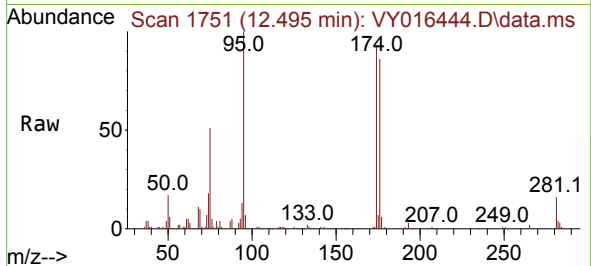




#76
1,2,3-Trichloropropane
Concen: 49.821 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

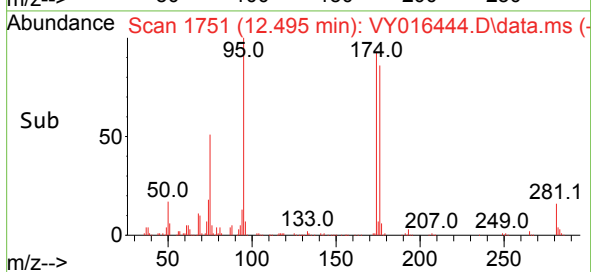
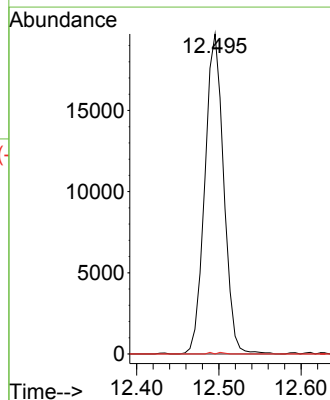
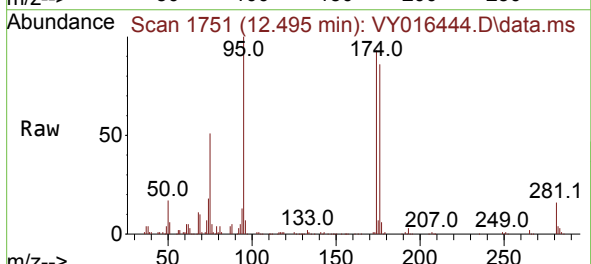
Instrument :
MSVOA_Y
ClientSampleId :

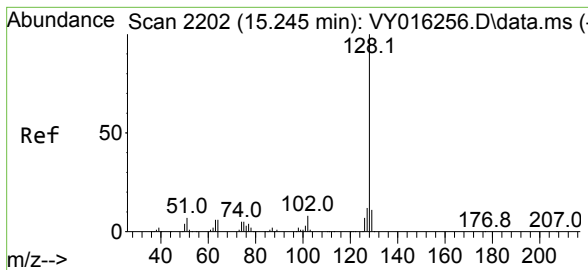
Tgt Ion: 75 Resp: 31399
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.141 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

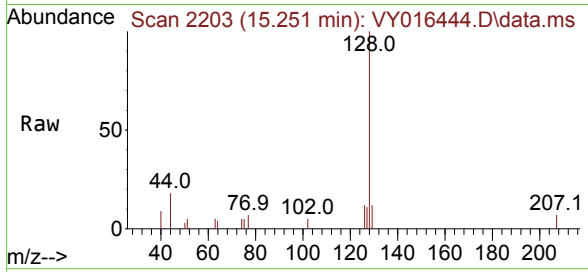
Tgt Ion: 75 Resp: 31399
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#95
 Naphthalene
 Concen: 1.453 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016444.D
 Acq: 21 Nov 2023 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	3006
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.8	16.2
129	12.6	8.6	13.0

