

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016880.D
 Acq On : 27 Dec 2023 16:10
 Operator : SY/MD
 Sample : 05879-13RE
 Misc : 2.47g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM10RE

Quant Time: Dec 28 03:46:36 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)

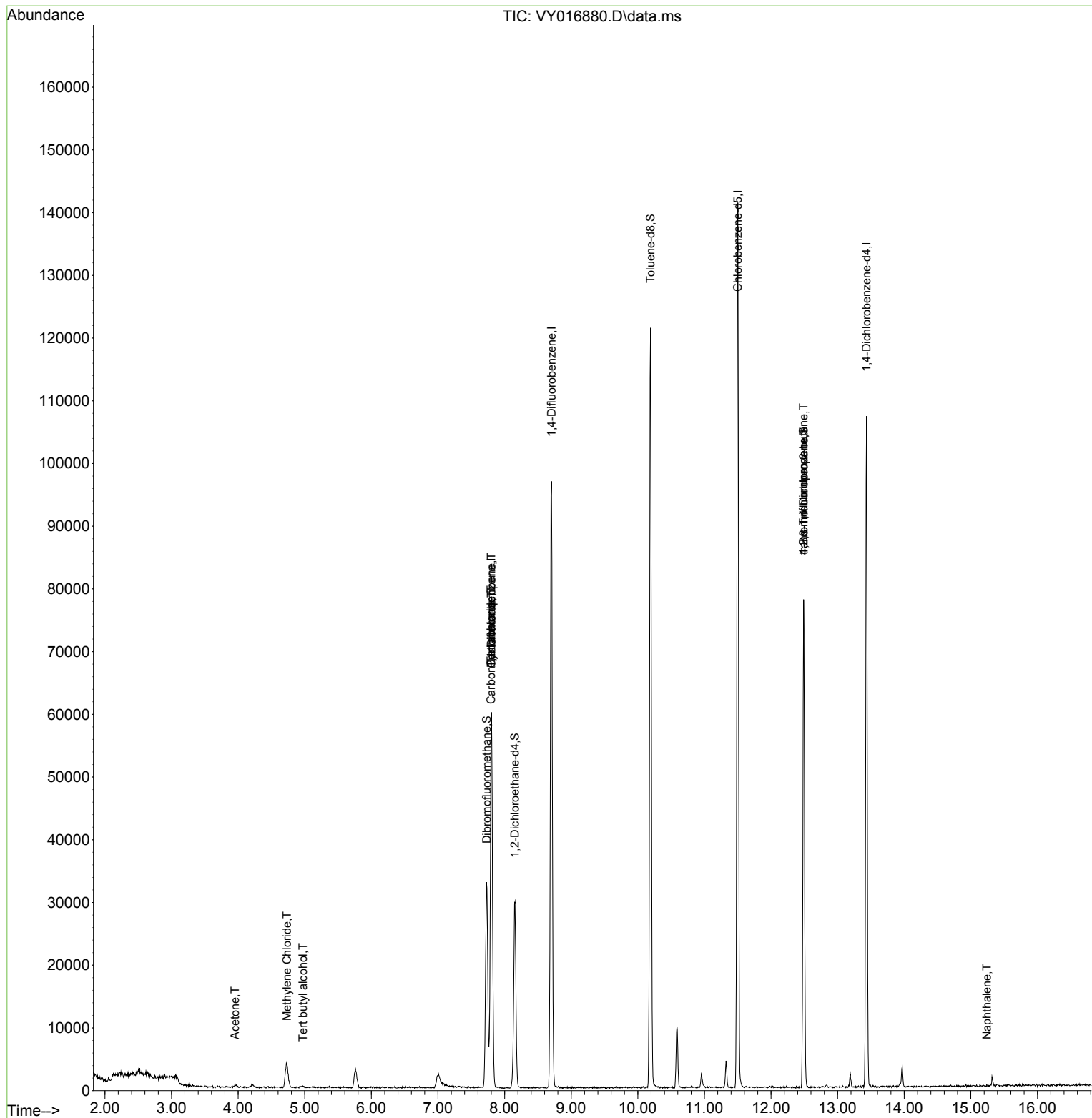
Internal Standards						
1) Pentafluorobenzene	7.801	168	44643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	84001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	77877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	26570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	23147	56.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.600%
35) Dibromofluoromethane	7.734	113	23885	49.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.191	98	82455	47.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.489	95	22164	39.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	172	5.147	ug/l #	75
16) Acetone	3.954	43	916	8.312	ug/l #	79
20) Methylene Chloride	4.734	84	3035	2.582	ug/l #	83
31) Cyclohexane	7.801	56	1051	1.346	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	4140	5.367	ug/l #	50
38) Carbon Tetrachloride	7.795	117	4467	5.852	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	12261	41.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	12261	98.034	ug/l #	12
95) Naphthalene	15.239	128	145	3.751	ug/l #	69

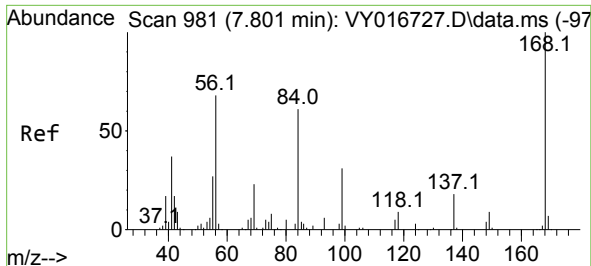
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016880.D
Acq On : 27 Dec 2023 16:10
Operator : SY/MD
Sample : 05879-13RE
Misc : 2.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

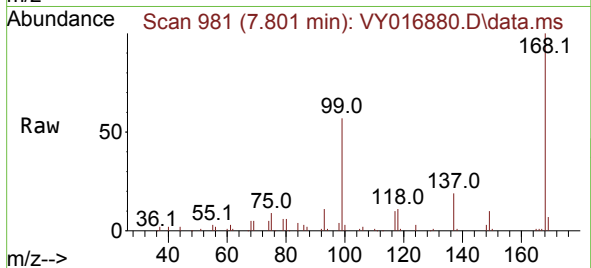
Quant Time: Dec 28 03:46:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



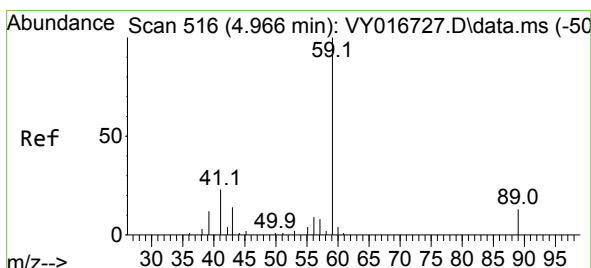
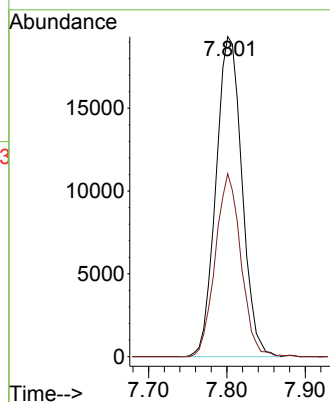
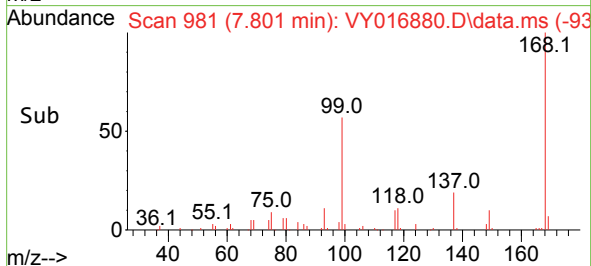


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

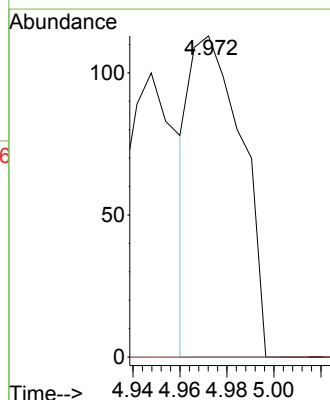
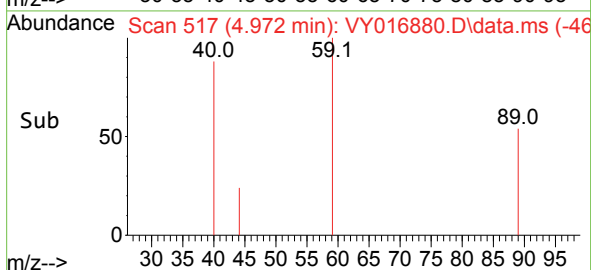
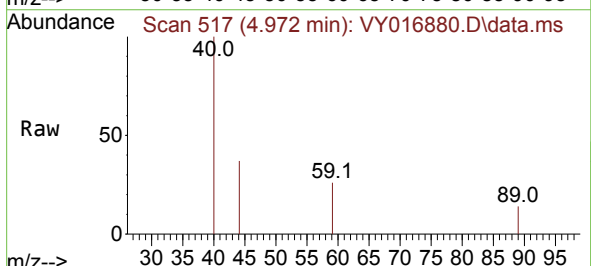


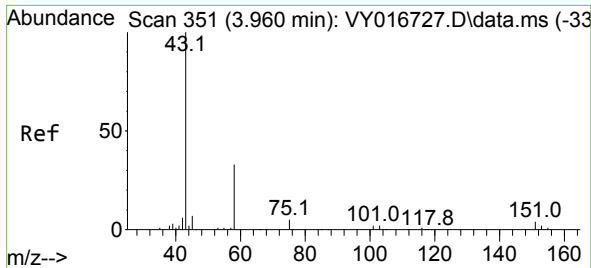
Tgt Ion:168 Resp: 44643
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.147 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 8.312 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016880.D

Acq: 27 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

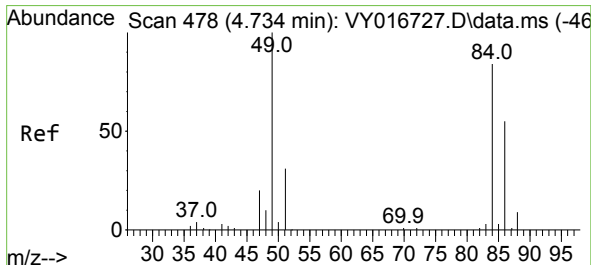
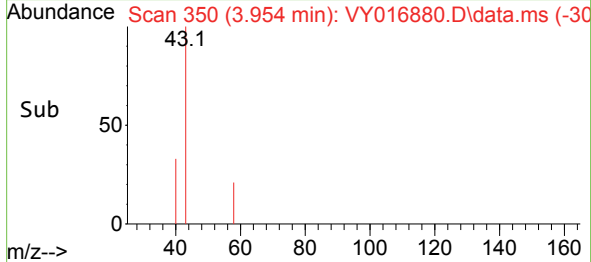
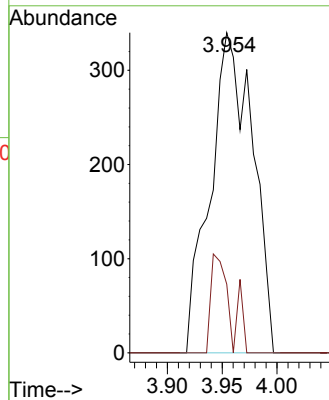
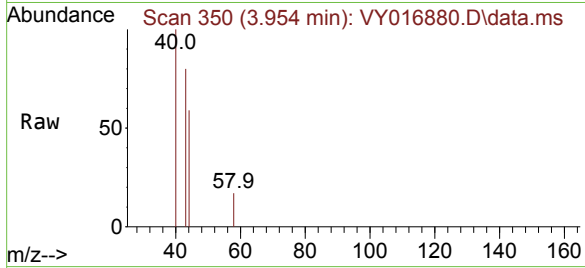
COM10RE

Tgt Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

58 21.5 26.6 39.8#



#20

Methylene Chloride

Concen: 2.582 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016880.D

Acq: 27 Dec 2023 16:10

Tgt Ion: 84 Resp: 3035

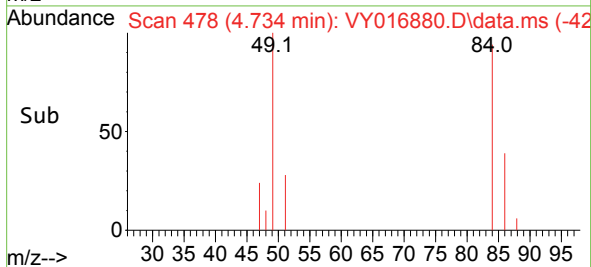
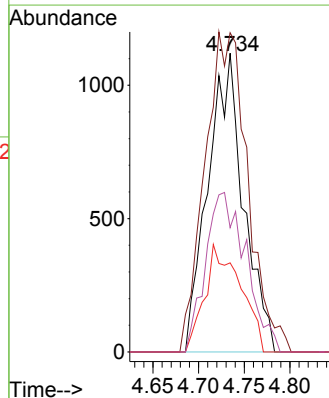
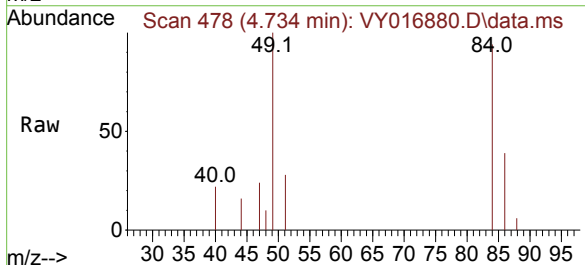
Ion Ratio Lower Upper

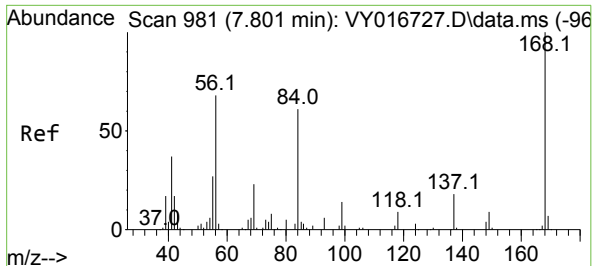
84 100

49 106.9 95.2 142.8

51 29.8 29.9 44.9#

86 41.6 52.2 78.4#

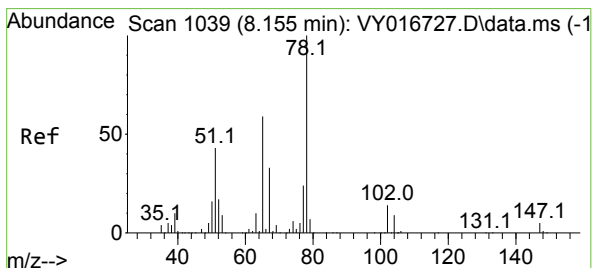
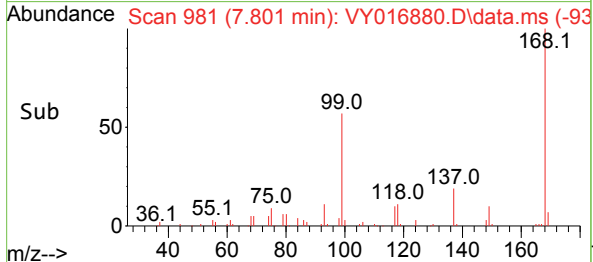
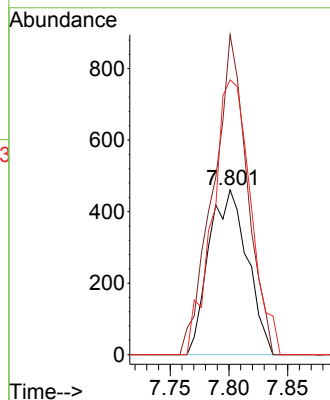
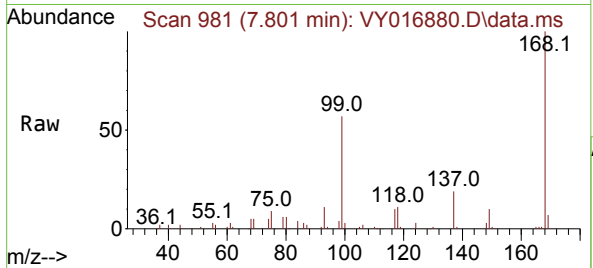




#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

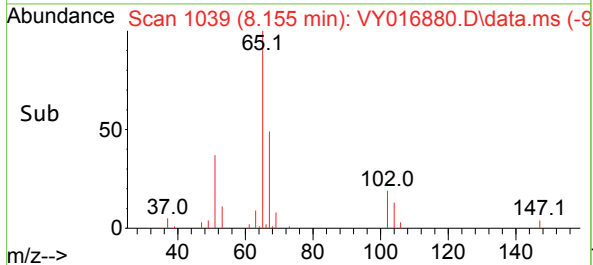
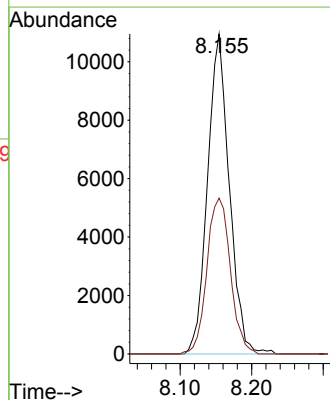
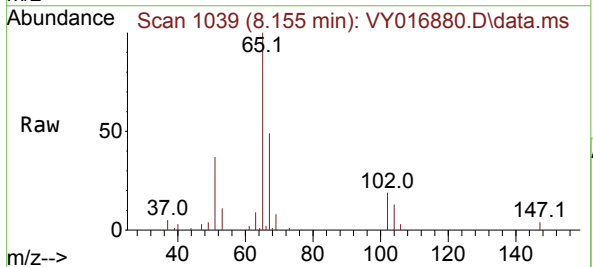
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

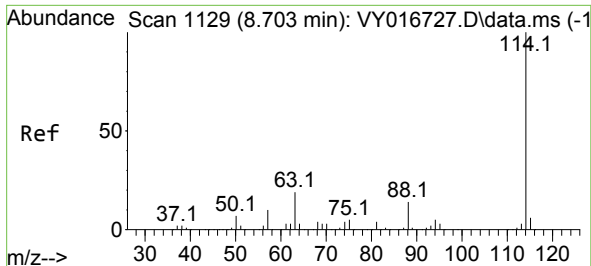
Tgt Ion: 56 Resp: 1051
Ion Ratio Lower Upper
56 100
69 194.1 27.0 40.6#
84 166.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 56.796 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion: 65 Resp: 23147
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.0

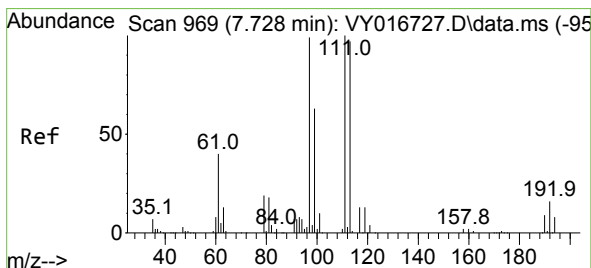
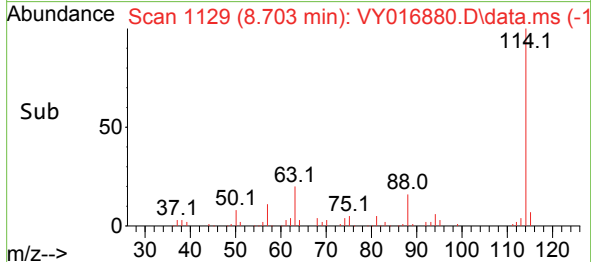
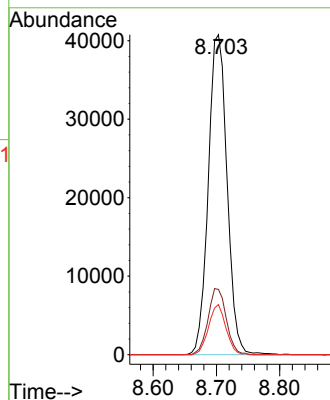
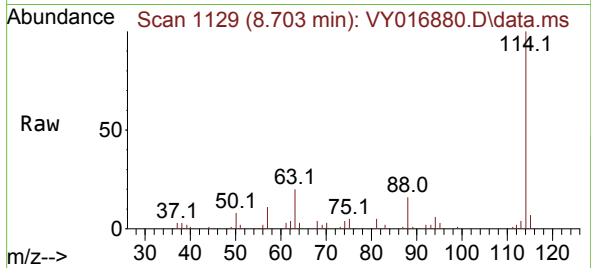




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

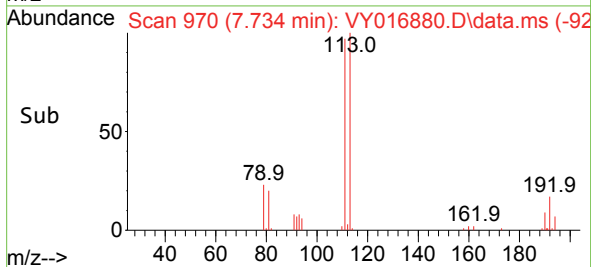
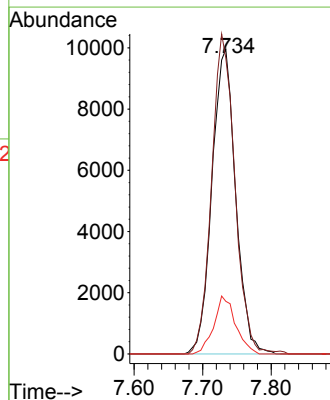
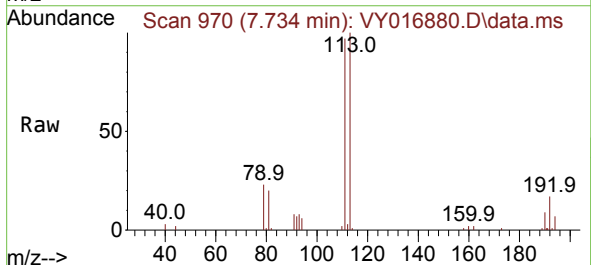
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

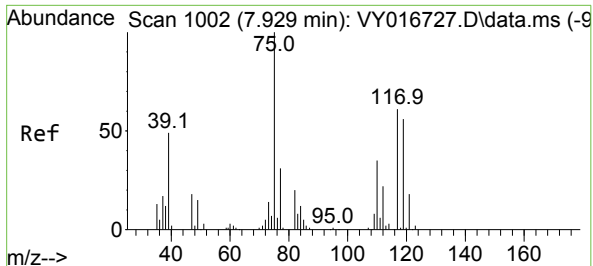
Tgt Ion:114 Resp: 84001
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.639 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion:113 Resp: 23885
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.4 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.367 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY016880.D

Acq: 27 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

COM10RE

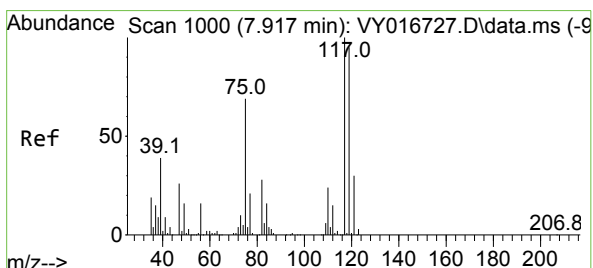
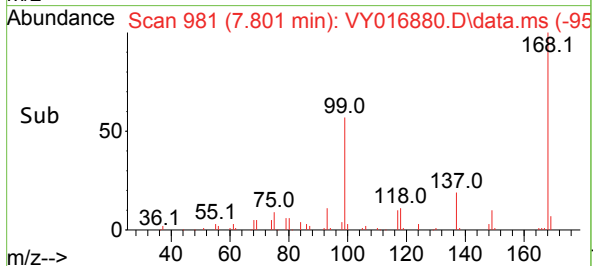
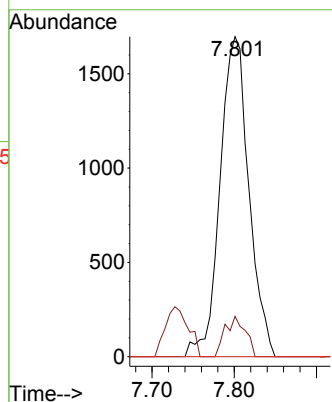
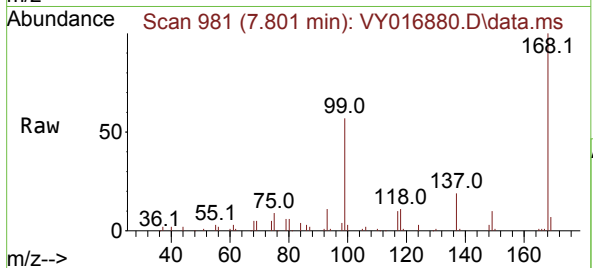
Tgt Ion: 75 Resp: 4140

Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY016880.D

Acq: 27 Dec 2023 16:10

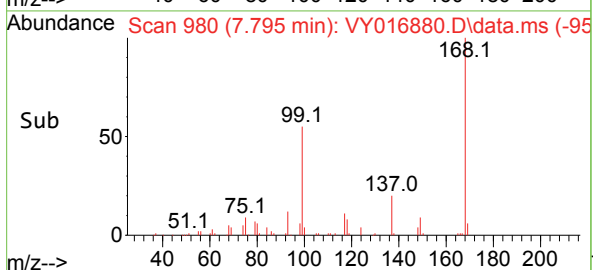
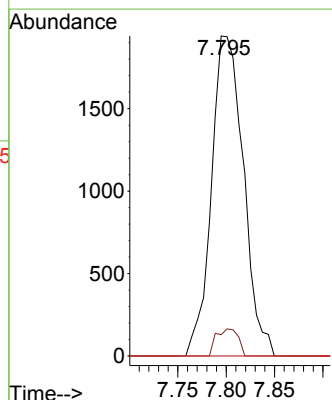
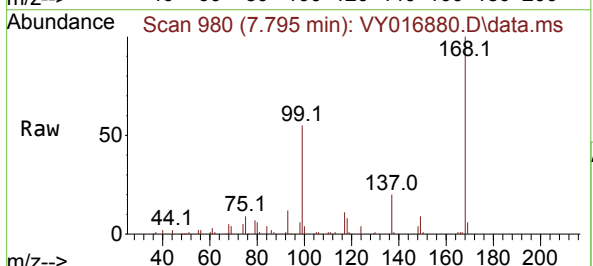
Tgt Ion: 117 Resp: 4467

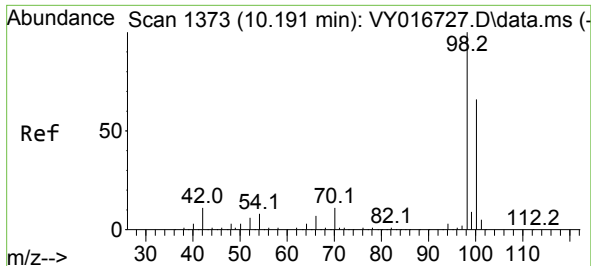
Ion Ratio Lower Upper

117 100

119 6.6 76.0 114.0#

121 0.0 24.2 36.2#

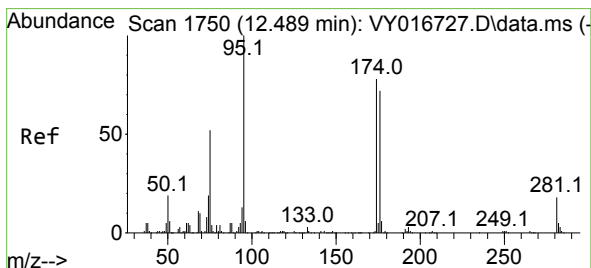
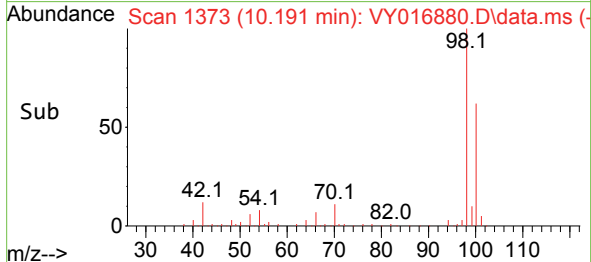
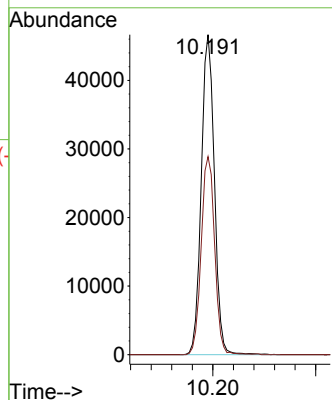
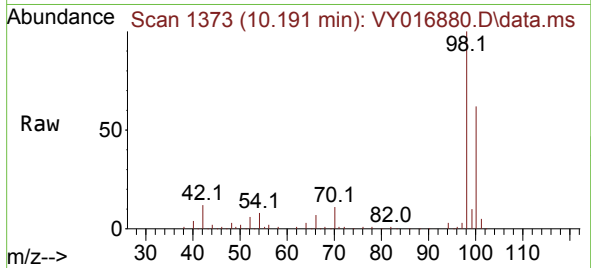




#50
Toluene-d8
Concen: 47.536 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

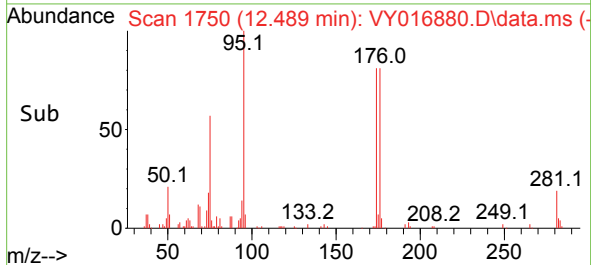
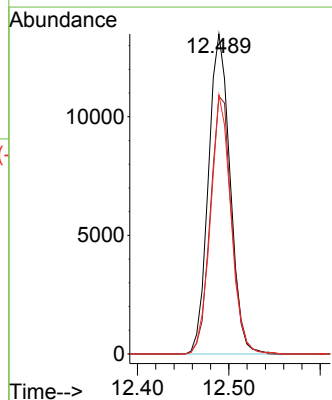
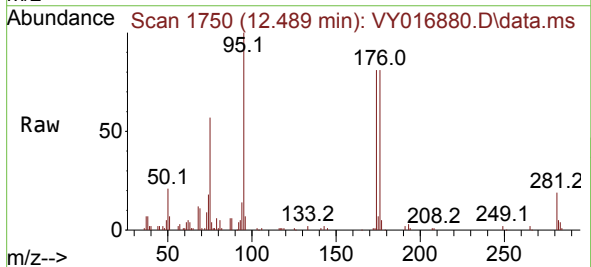
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

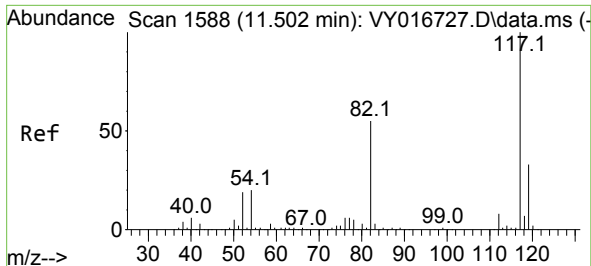
Tgt Ion: 98 Resp: 82455
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.385 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion: 95 Resp: 22164
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.4 0.0 151.8

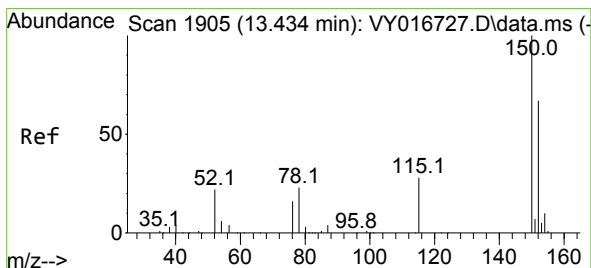
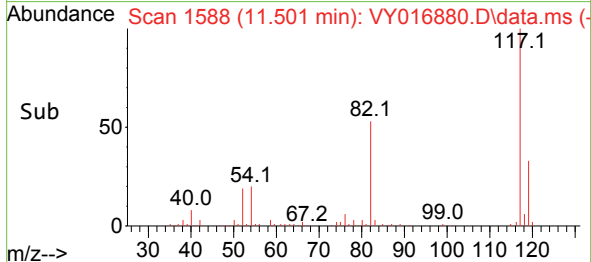
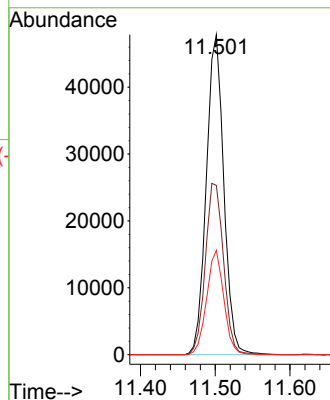
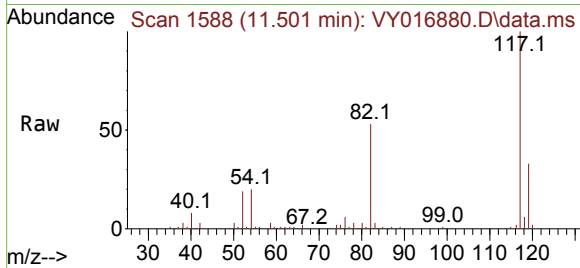




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

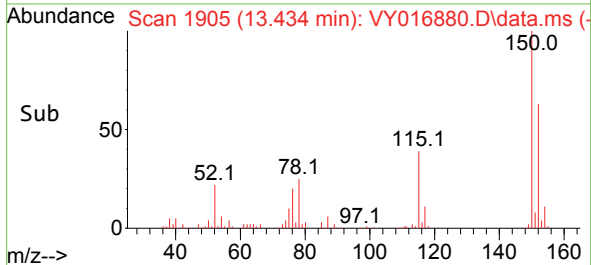
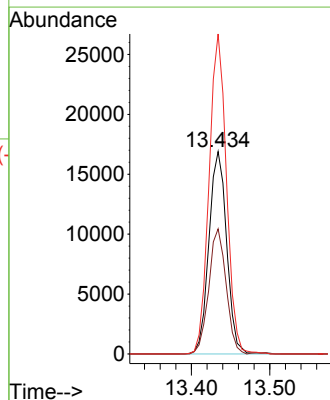
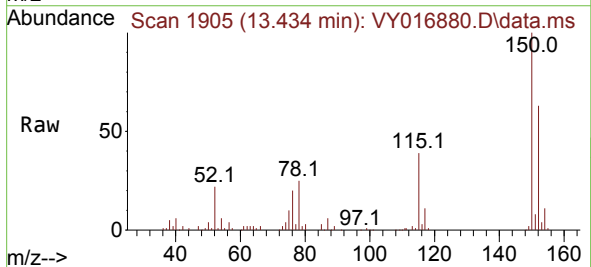
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

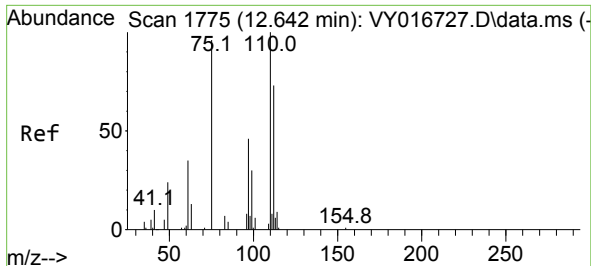
Tgt Ion:117 Resp: 77877
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion:152 Resp: 26570
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 154.5 0.0 344.6

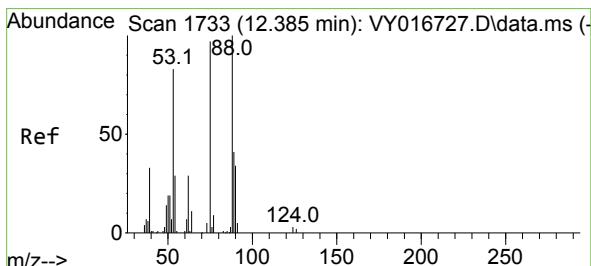
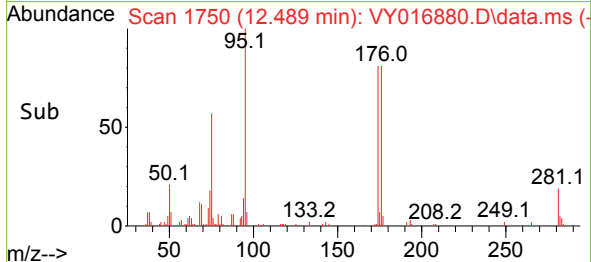
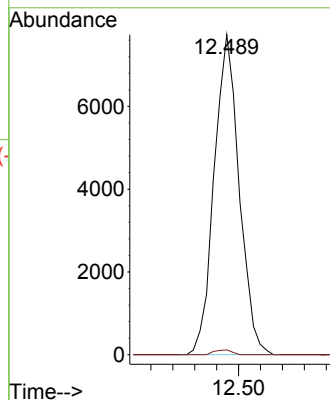
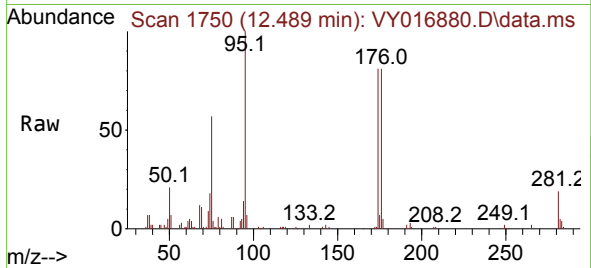




#76
1,2,3-Trichloropropane
Concen: 41.744 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

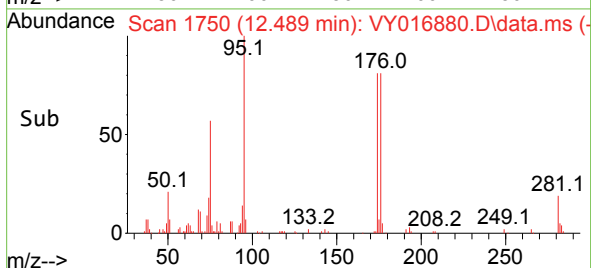
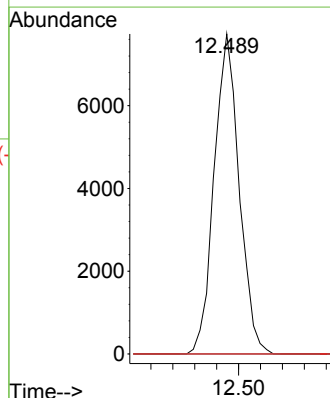
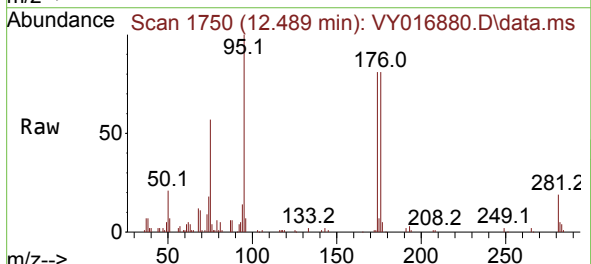
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

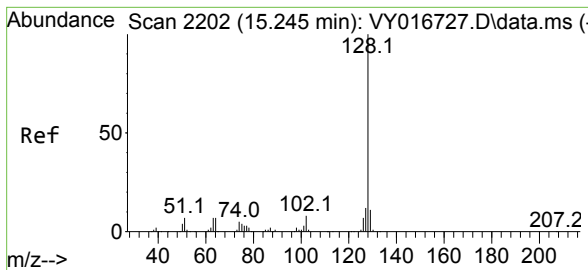
Tgt Ion: 75 Resp: 12261
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.034 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

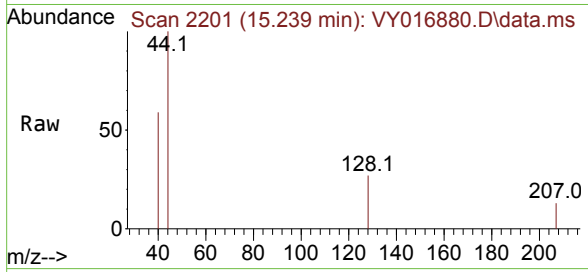
Tgt Ion: 75 Resp: 12261
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.751 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Instrument :
MSVOA_Y
ClientSampleId :
COM10RE



Tgt Ion:128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

