

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010160.D
 Acq On : 23 Aug 2022 13:12
 Operator : KP/MD
 Sample : VY0823SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Quant Time: Aug 24 04:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

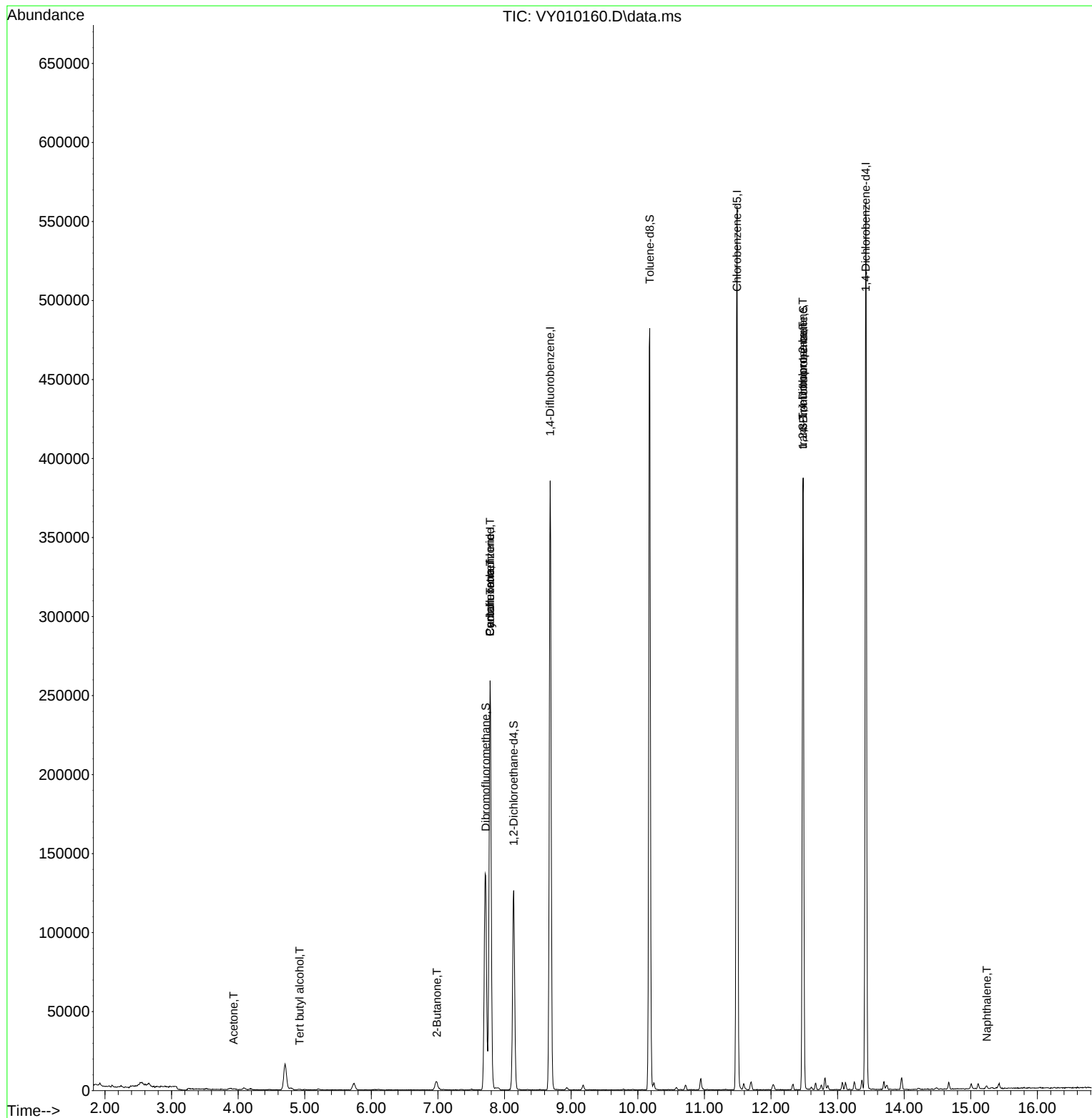
Internal Standards						
1) Pentafluorobenzene	7.783	168	204978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92609	55.158	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	110.320%	
35) Dibromofluoromethane	7.716	113	101580	53.374	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.740%	
50) Toluene-d8	10.179	98	321941	45.144	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	90.280%	
62) 4-Bromofluorobenzene	12.483	95	120149	47.154	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	390	12.601	ug/l #	73
16) Acetone	3.930	43	783	1.863	ug/l	99
20) Methylene Chloride	4.704	84	12204	Below Cal		96
25) 2-Butanone	6.984	43	839	1.241	ug/l	89
31) Cyclohexane	7.783	56	4509	1.311	ug/l #	8
38) Carbon Tetrachloride	7.783	117	18995	5.962	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59460	42.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59460	84.954	ug/l #	18
95) Naphthalene	15.239	128	1921	4.200	ug/l	97

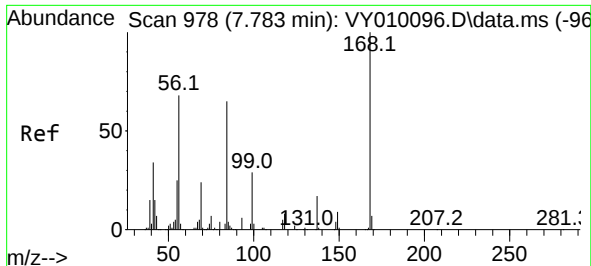
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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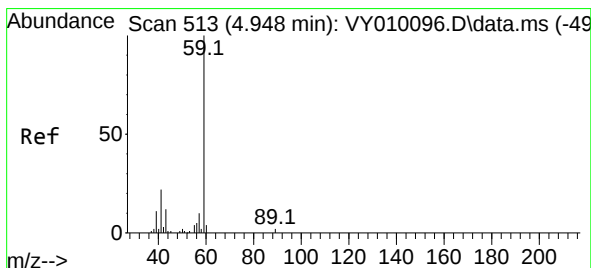
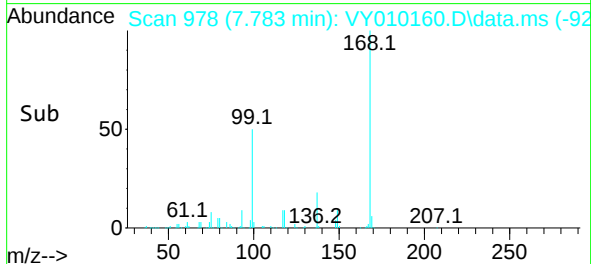
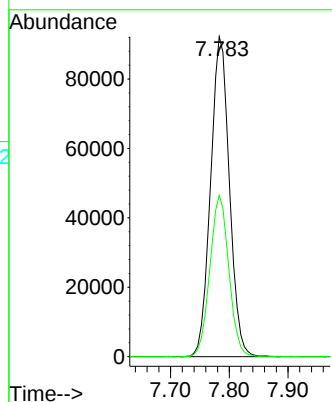
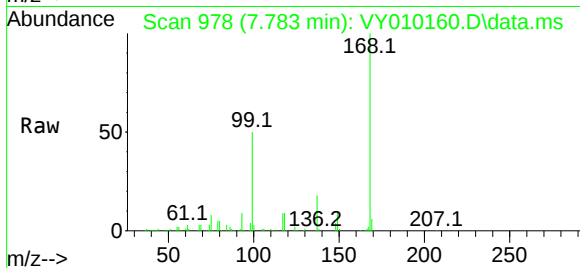




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

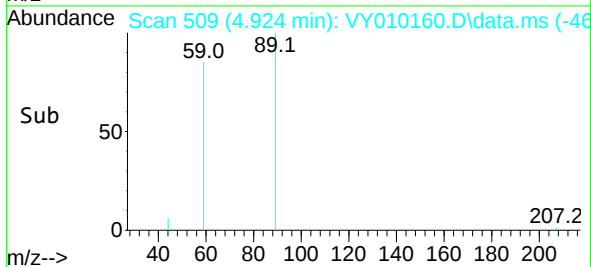
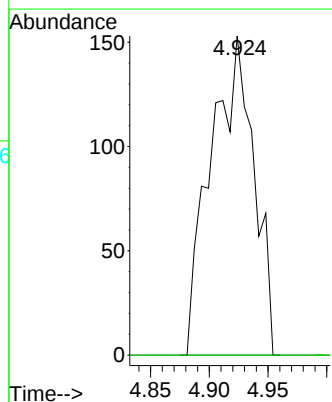
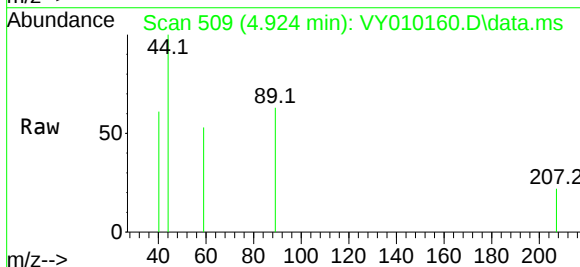
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

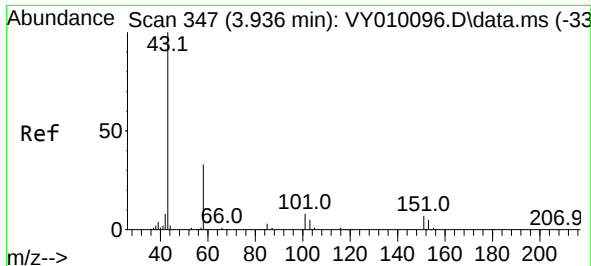
Tgt Ion:168 Resp: 204978
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 12.601 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

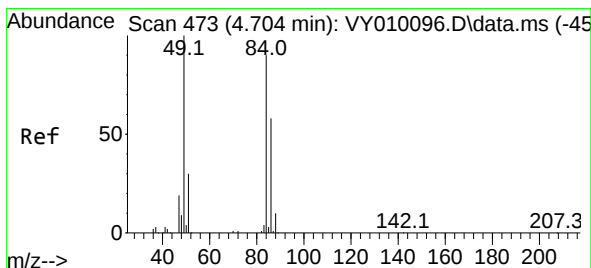
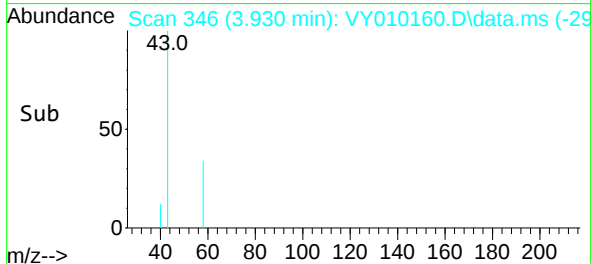
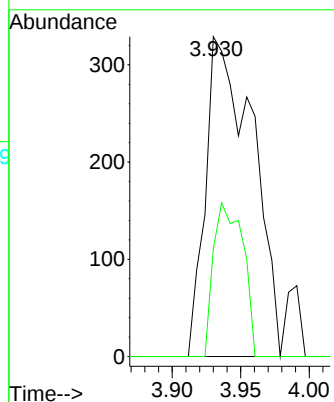
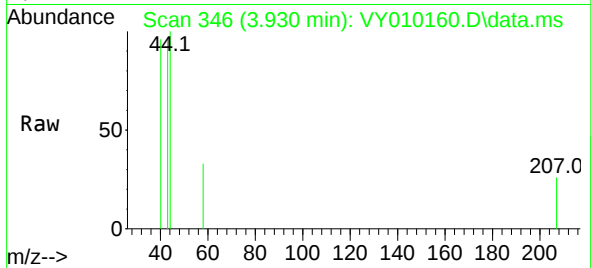




#16
Acetone
Concen: 1.863 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

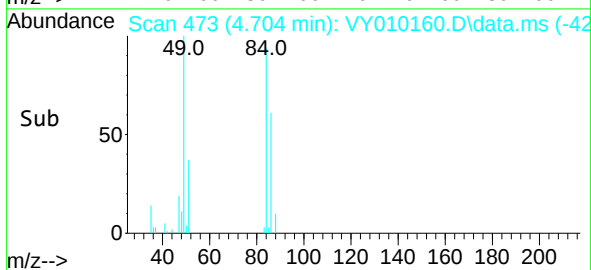
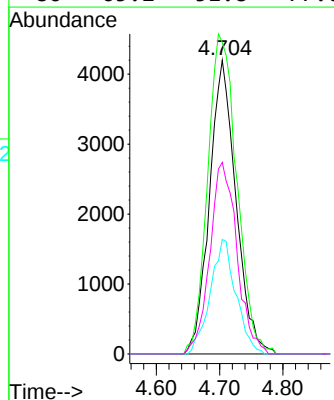
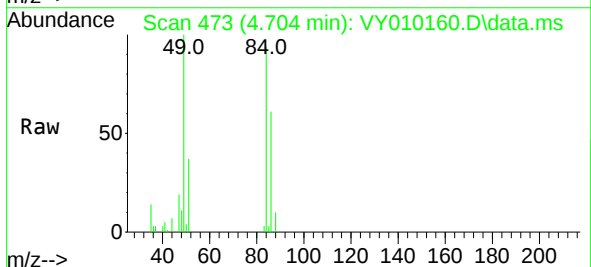
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

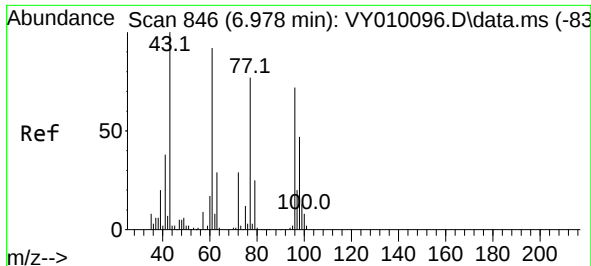
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 33.7 27.4 41.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion: 84 Resp: 12204
Ion Ratio Lower Upper
84 100
49 106.0 89.0 133.4
51 38.9 27.0 40.6
86 65.2 51.8 77.6





#25

2-Butanone

Concen: 1.241 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010160.D

Acq: 23 Aug 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

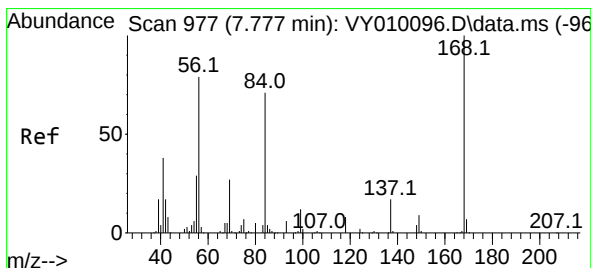
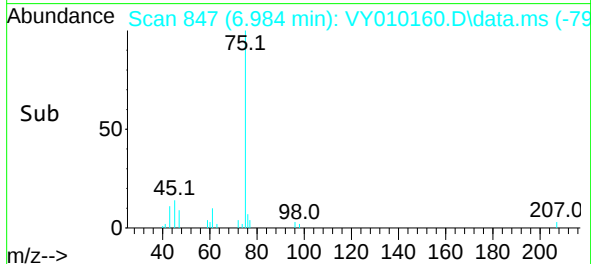
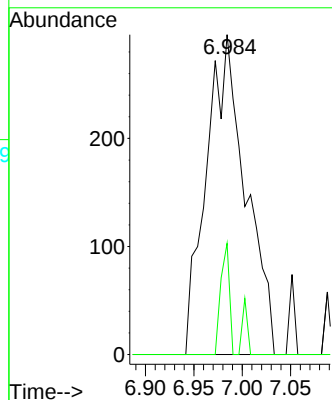
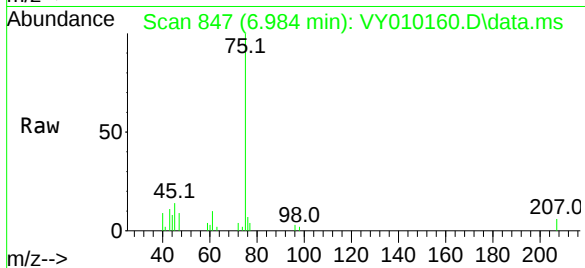
VY0823SBL01

Tgt Ion: 43 Resp: 839

Ion Ratio Lower Upper

43 100

72 34.8 23.2 34.8



#31

Cyclohexane

Concen: 1.311 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010160.D

Acq: 23 Aug 2022 13:12

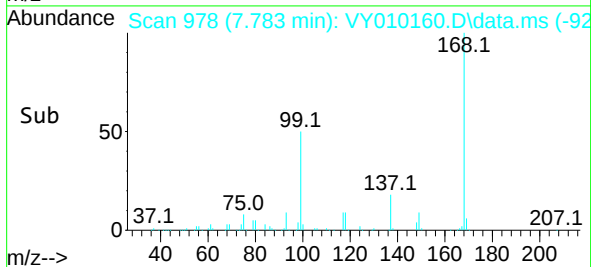
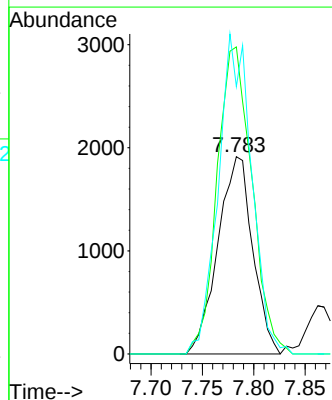
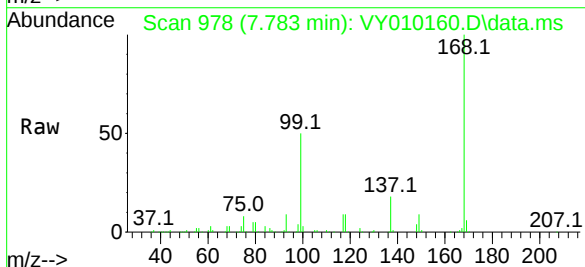
Tgt Ion: 56 Resp: 4509

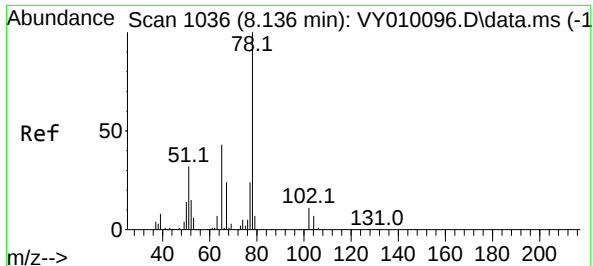
Ion Ratio Lower Upper

56 100

69 155.6 27.3 40.9#

84 135.5 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 55.158 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY010160.D

Acq: 23 Aug 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

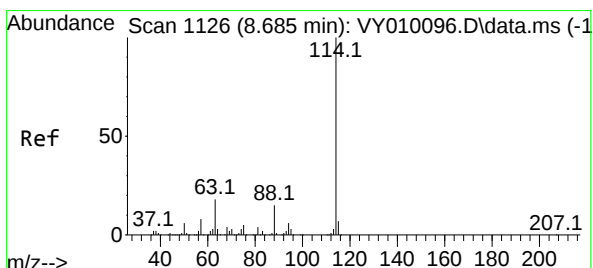
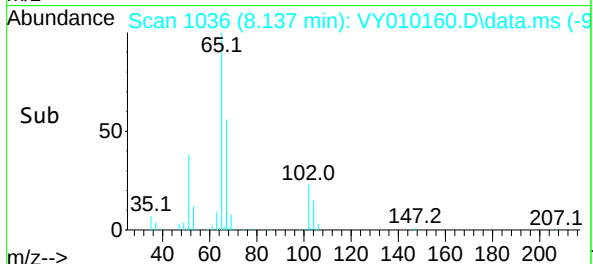
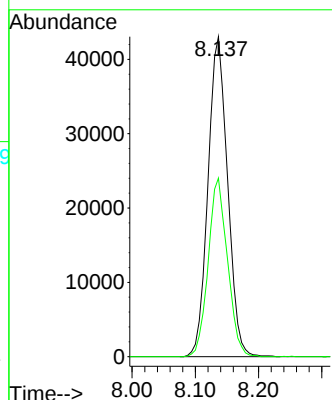
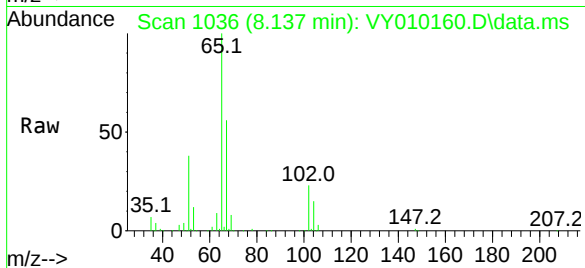
VY0823SBL01

Tgt Ion: 65 Resp: 92609

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010160.D

Acq: 23 Aug 2022 13:12

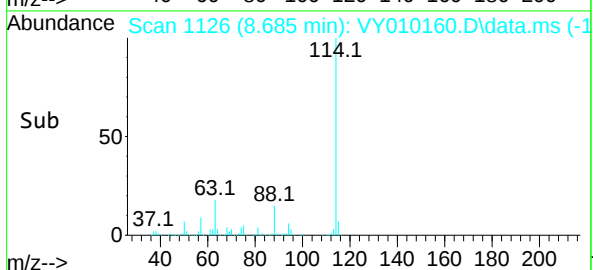
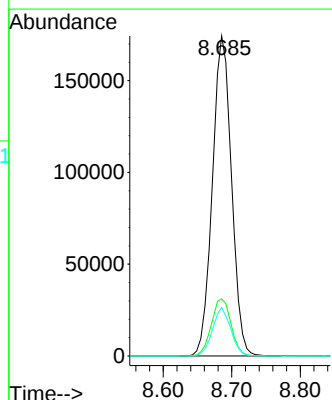
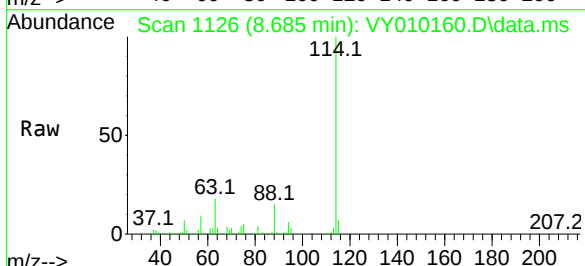
Tgt Ion: 114 Resp: 337754

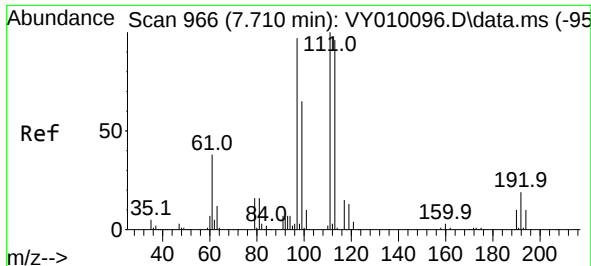
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 15.2 0.0 29.6



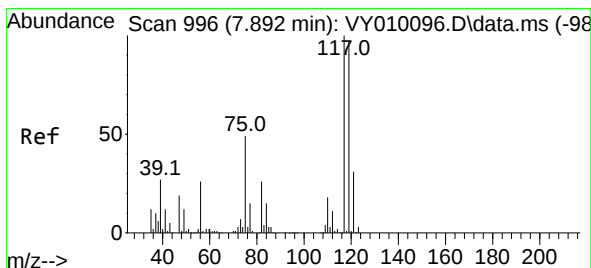
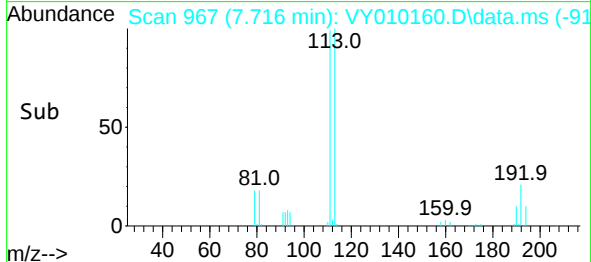
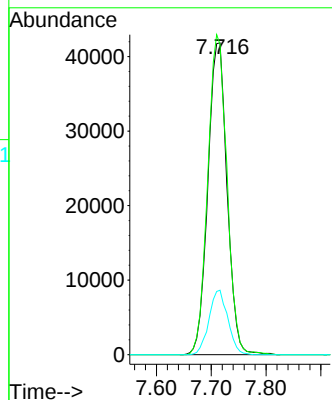
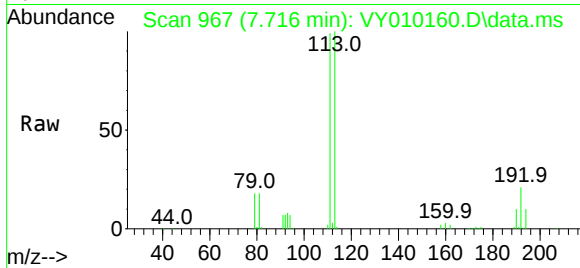


#35
 Dibromofluoromethane
 Concen: 53.374 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY010160.D
 Acq: 23 Aug 2022 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Tgt Ion:113 Resp: 101580

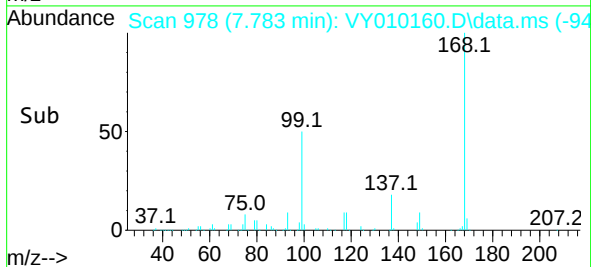
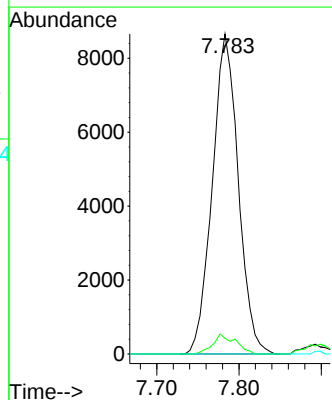
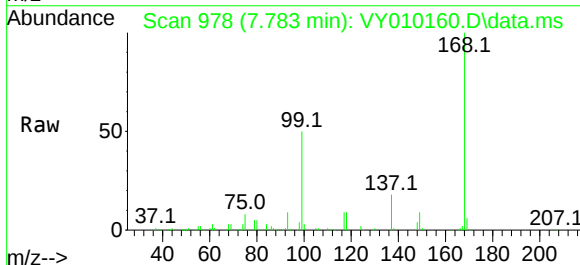
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	20.3	16.3	24.5

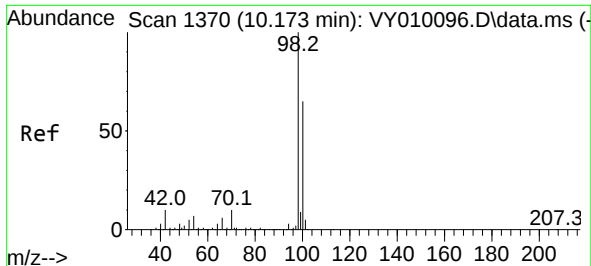


#38
 Carbon Tetrachloride
 Concen: 5.962 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY010160.D
 Acq: 23 Aug 2022 13:12

Tgt Ion:117 Resp: 18995

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	24.7	37.1#

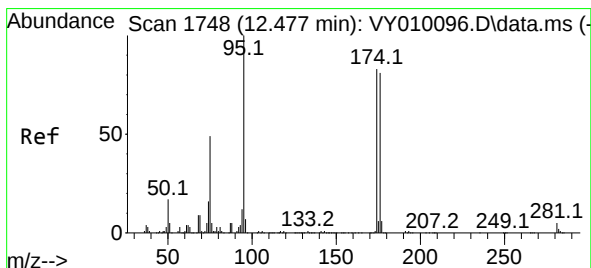
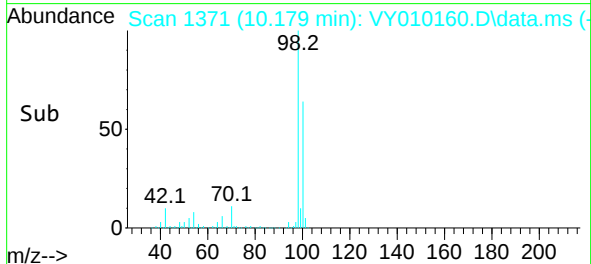
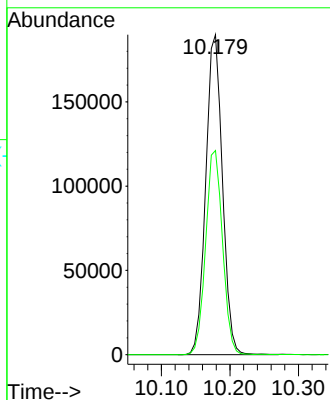
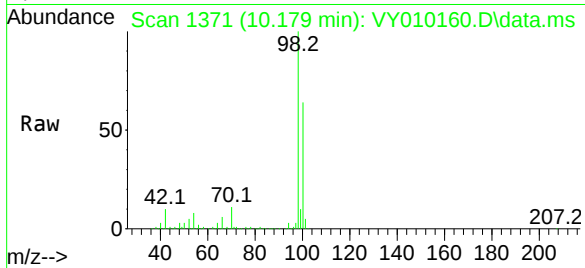




#50
Toluene-d8
Concen: 45.144 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

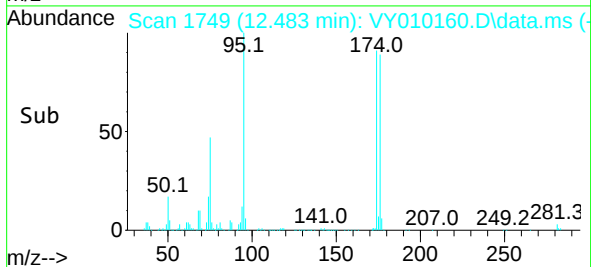
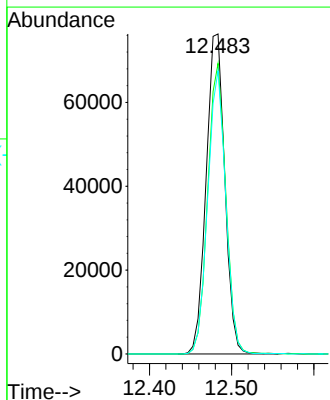
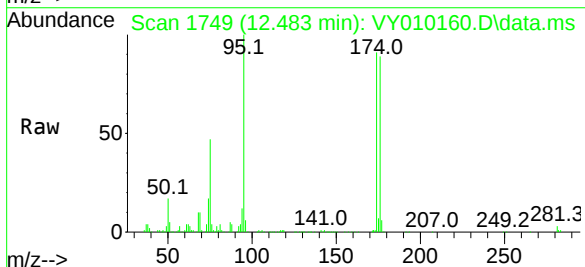
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

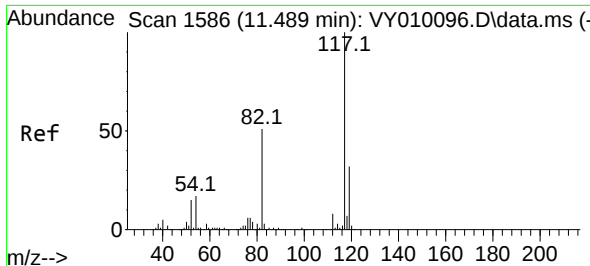
Tgt Ion: 98 Resp: 321941
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion: 95 Resp: 120149
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.8
176 85.6 0.0 167.2

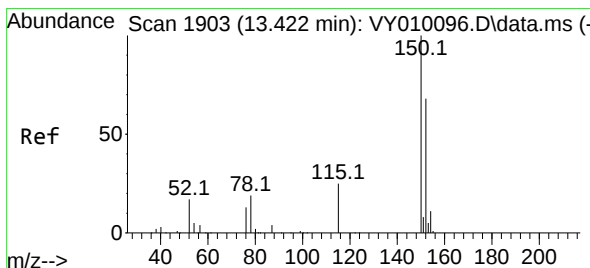
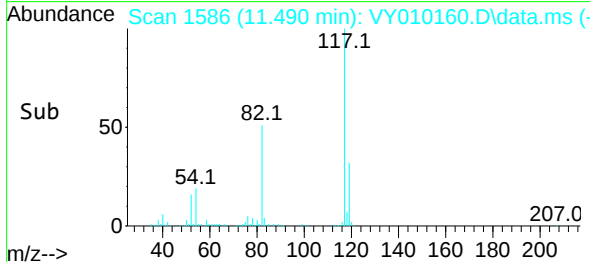
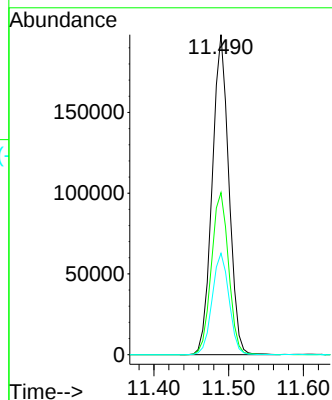
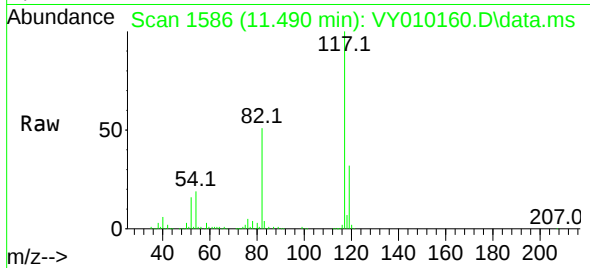




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

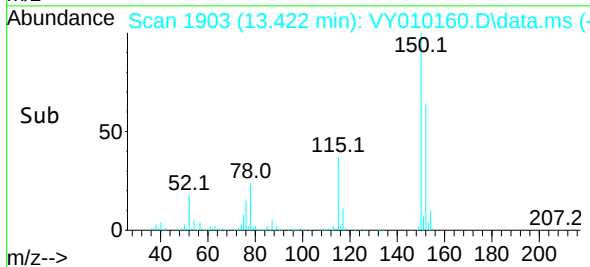
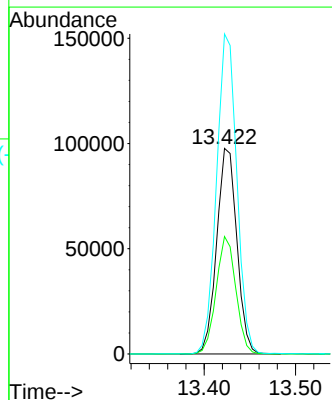
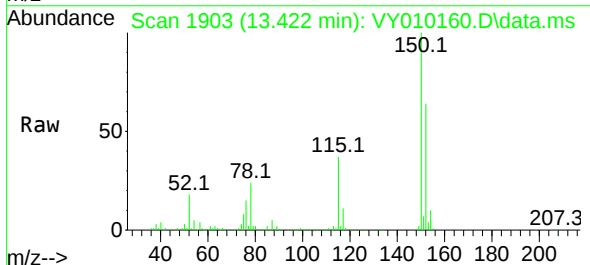
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

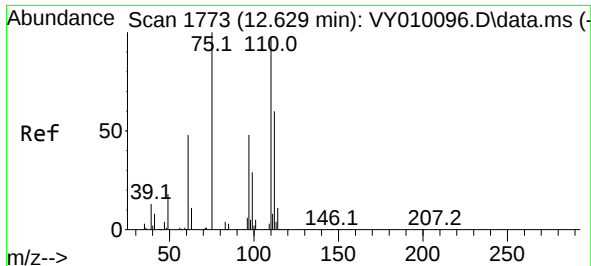
Tgt Ion:117 Resp: 306924
Ion Ratio Lower Upper
117 100
82 50.7 40.6 61.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion:152 Resp: 150105
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 156.7 0.0 346.2

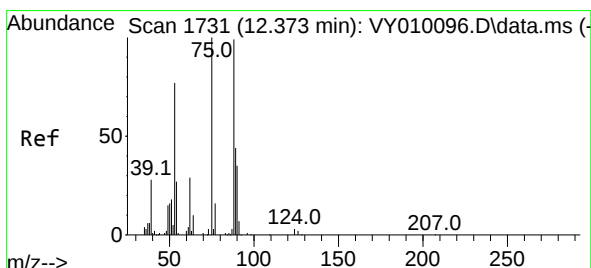
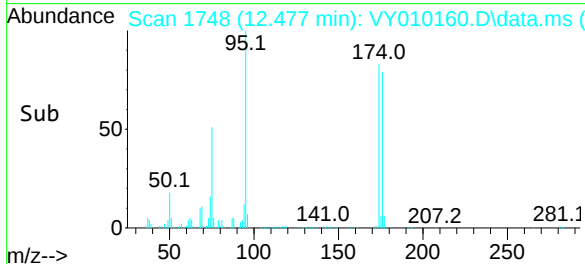
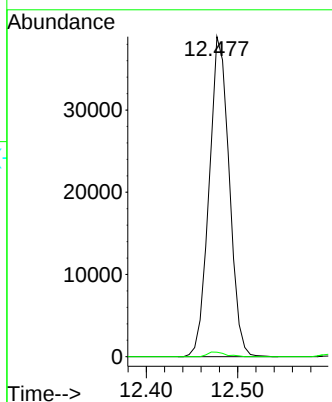
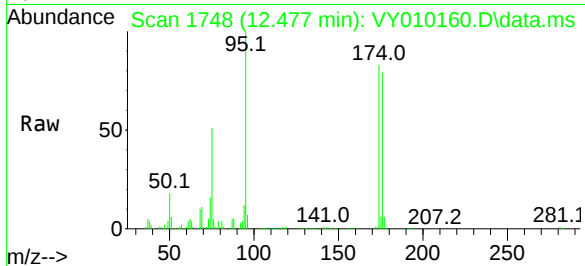




#76
1,2,3-Trichloropropane
Concen: 42.297 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

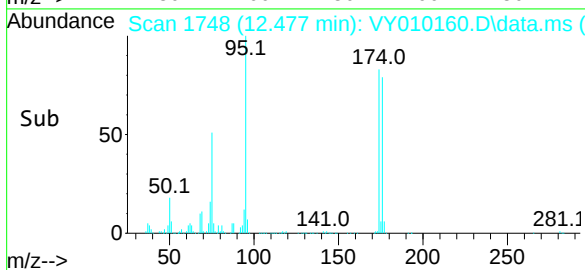
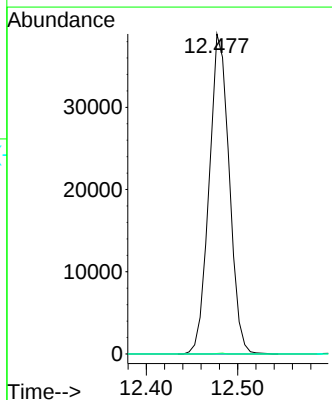
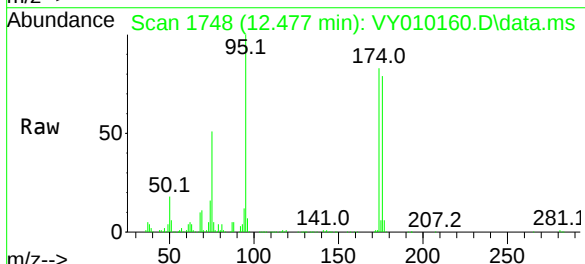
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

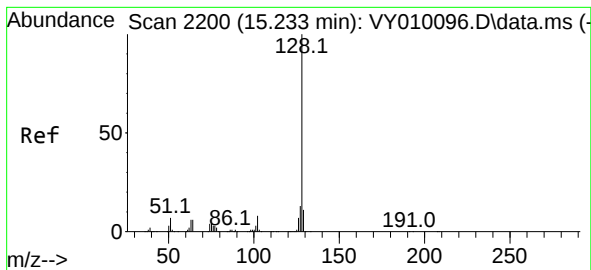
Tgt Ion: 75 Resp: 59460
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.954 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

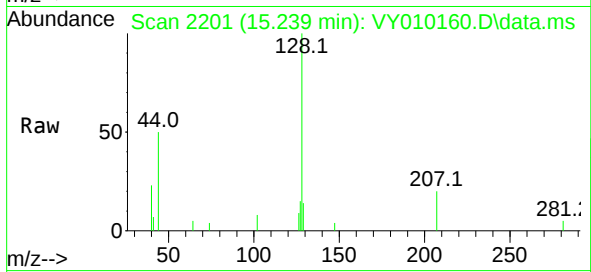
Tgt Ion: 75 Resp: 59460
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 4.200 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01



Tgt Ion:	128	Resp:	1921
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	9.9	8.9	13.3

