

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010147.D
 Acq On : 22 Aug 2022 16:34
 Operator : KP/MD
 Sample : N4219-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-4

Quant Time: Aug 22 18:51:37 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)

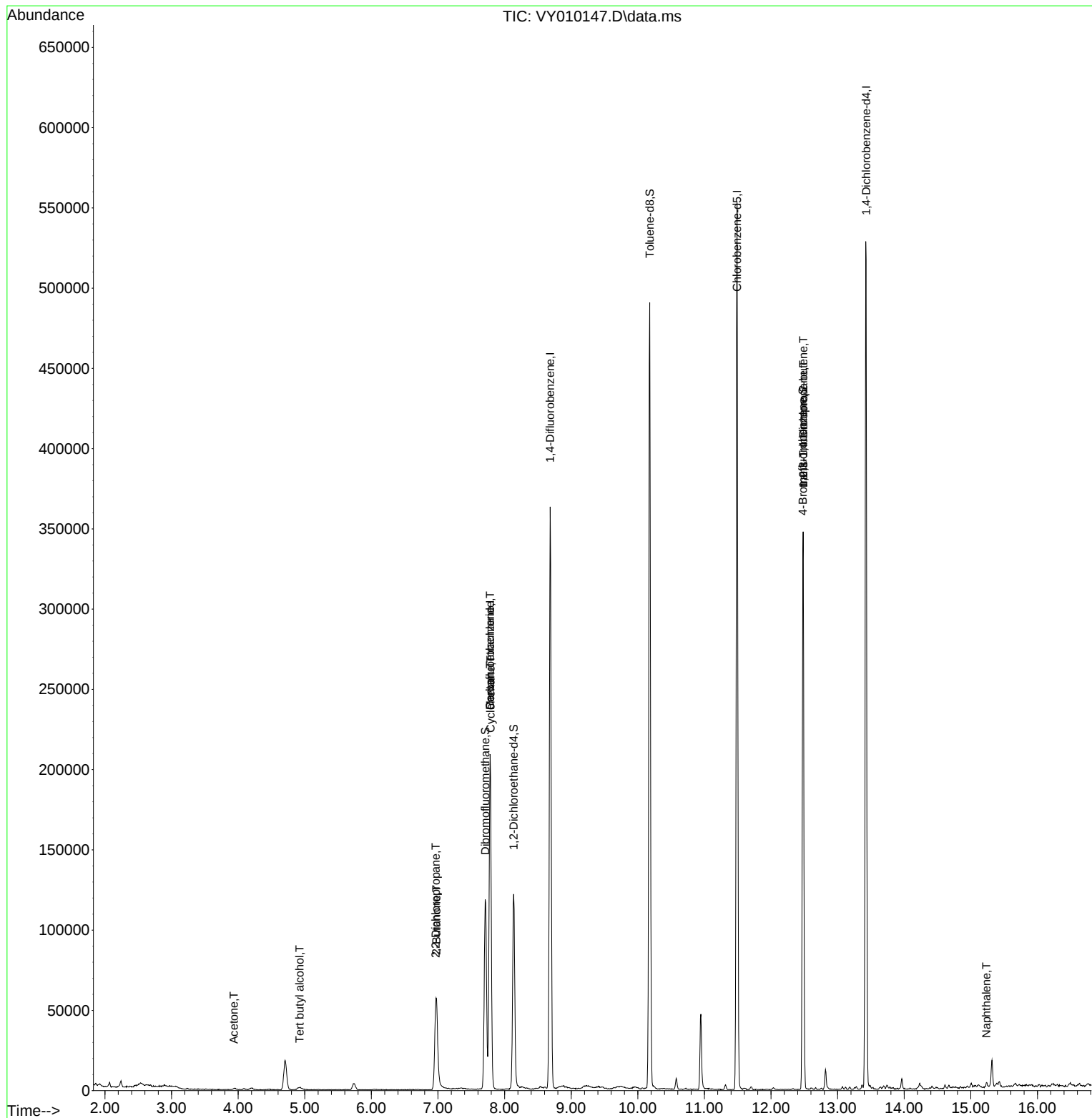
Internal Standards						
1) Pentafluorobenzene	7.783	168	168002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91545	66.525	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.060%	
35) Dibromofluoromethane	7.709	113	87034	49.991	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.980%	
50) Toluene-d8	10.179	98	328798	50.401	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.800%	
62) 4-Bromofluorobenzene	12.477	95	107158	45.974	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	91.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	1841	22.820	ug/l #	73
16) Acetone	3.936	43	1925	5.589	ug/l #	78
20) Methylene Chloride	4.704	84	14404	Below Cal		96
25) 2-Butanone	6.978	43	3070	5.541	ug/l #	74
26) 2,2-Dichloropropane	6.966	77	4861	1.874	ug/l #	50
31) Cyclohexane	7.789	56	3068	1.088	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15627	5.362	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52576	39.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52576	79.269	ug/l #	18
95) Naphthalene	15.233	128	2270	4.278	ug/l	99

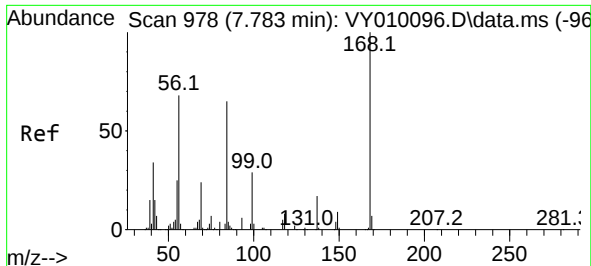
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
Data File : VY010147.D
Acq On : 22 Aug 2022 16:34
Operator : KP/MD
Sample : N4219-04RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PX-4

Quant Time: Aug 22 18:51:37 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

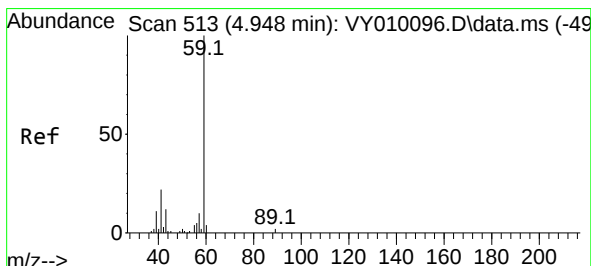
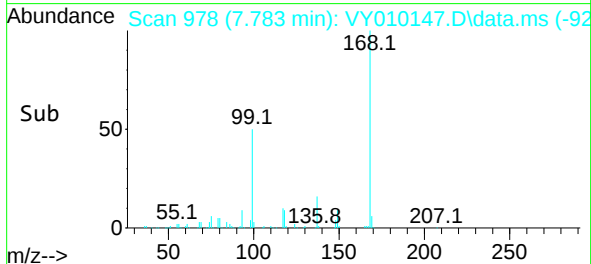
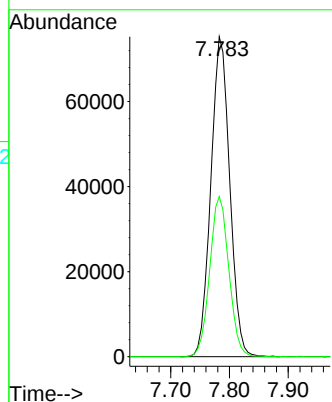
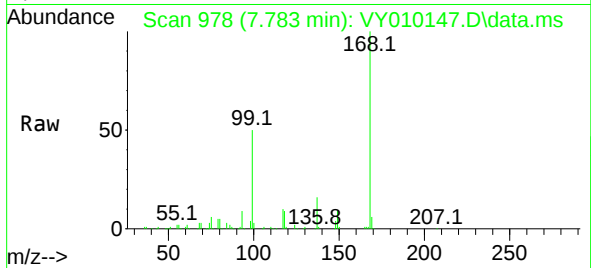




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

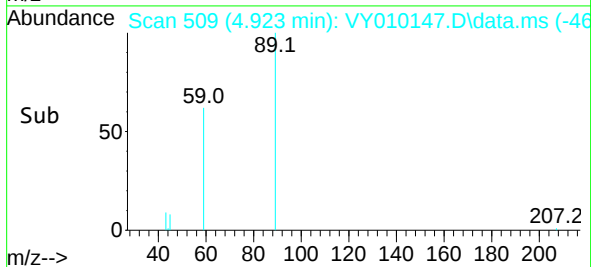
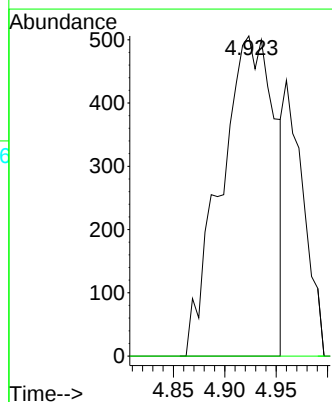
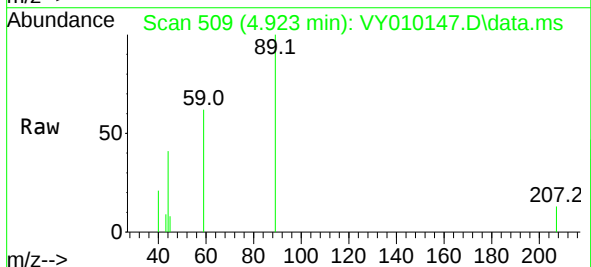
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

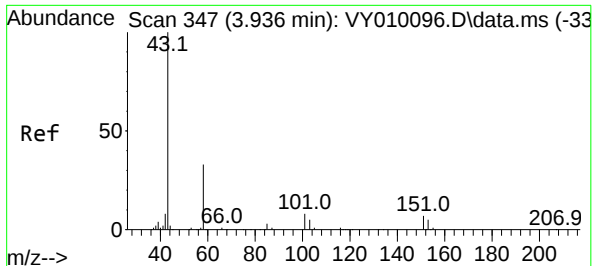
Tgt Ion:168 Resp: 168002
Ion Ratio Lower Upper
168 100
99 50.1 40.7 61.1



#11
Tert butyl alcohol
Concen: 22.820 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 59 Resp: 1841
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

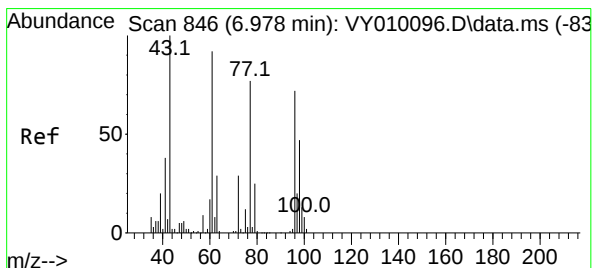
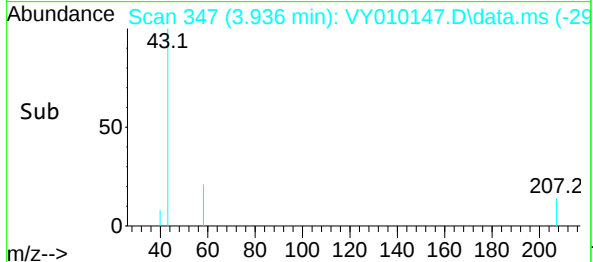
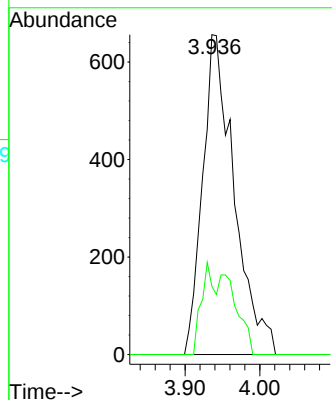
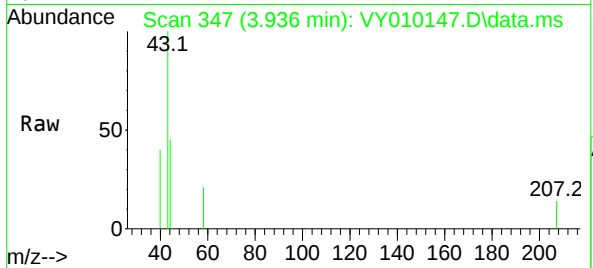




#16
Acetone
Concen: 5.589 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

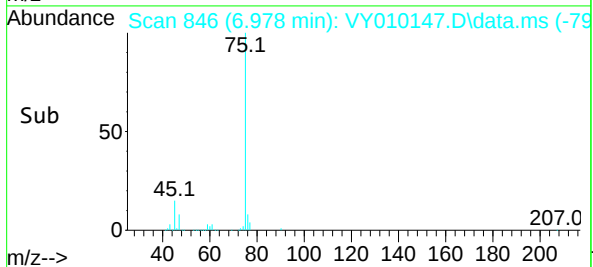
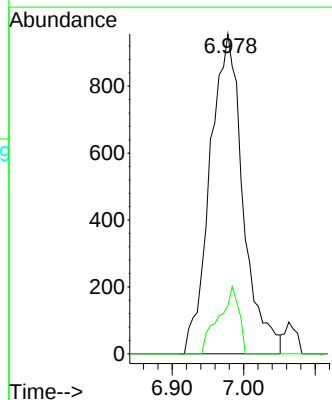
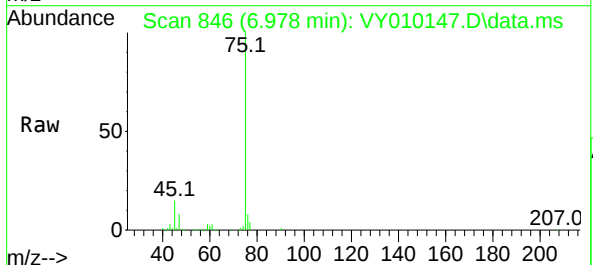
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

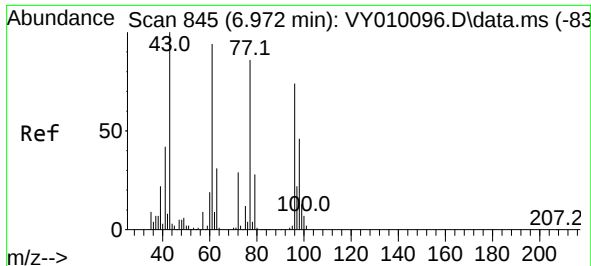
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 21.3 27.4 41.0#



#25
2-Butanone
Concen: 5.541 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
72 15.1 23.2 34.8#

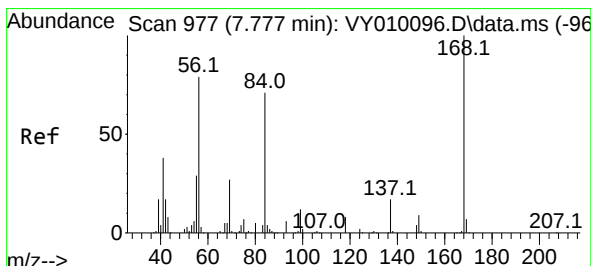
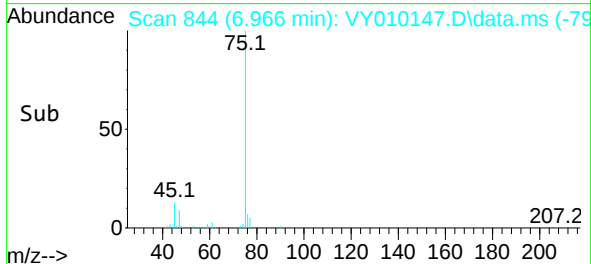
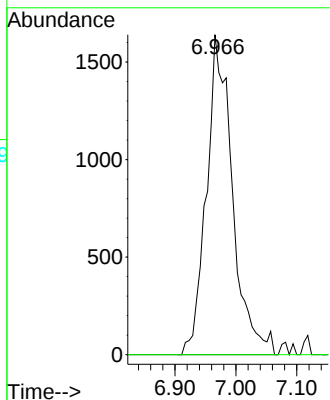
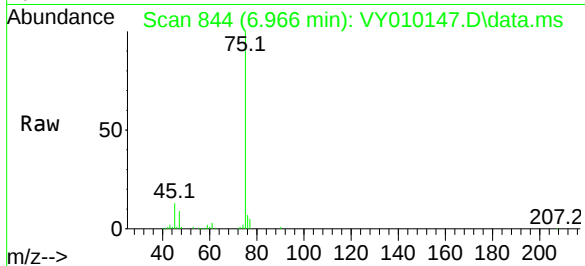




#26
2,2-Dichloropropane
Concen: 1.874 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

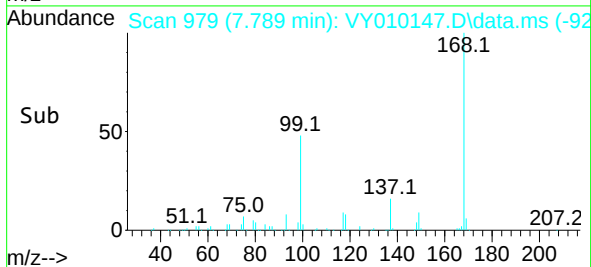
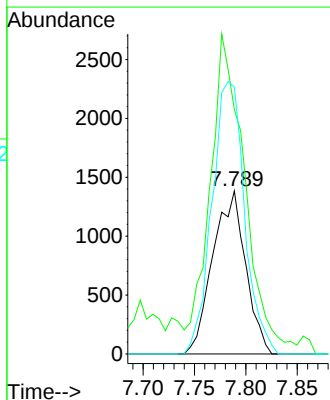
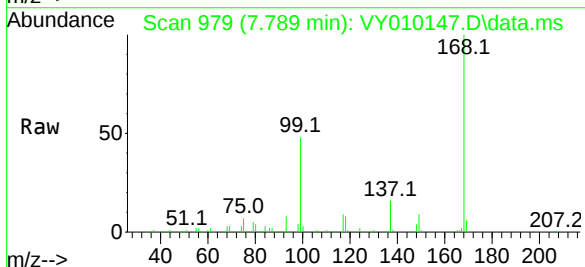
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

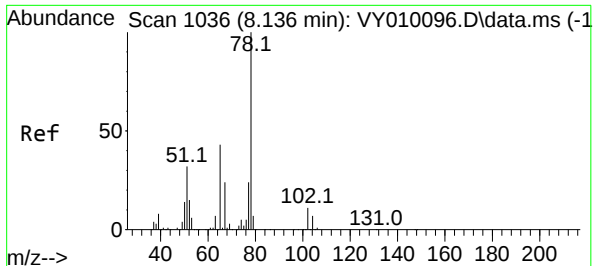
Tgt Ion: 77 Resp: 4861
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 56 Resp: 3068
Ion Ratio Lower Upper
56 100
69 140.0 27.3 40.9#
84 163.8 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 66.525 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010147.D

Acq: 22 Aug 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

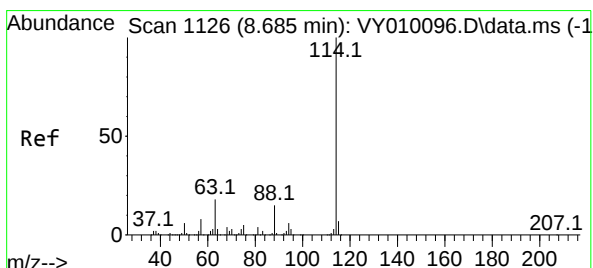
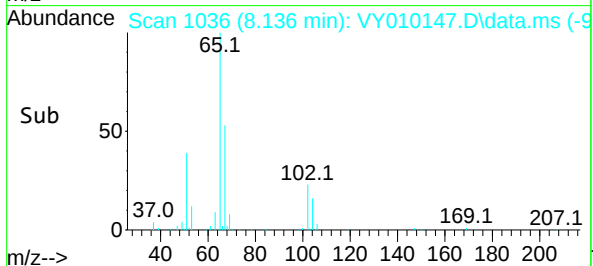
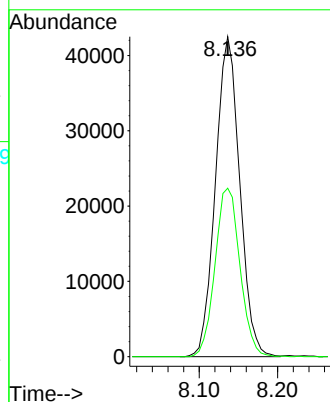
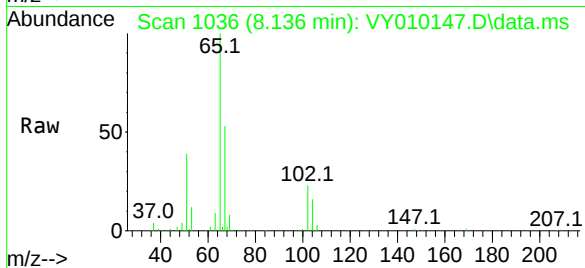
PX-4

Tgt Ion: 65 Resp: 91545

Ion Ratio Lower Upper

65 100

67 54.1 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: VY010147.D

Acq: 22 Aug 2022 16:34

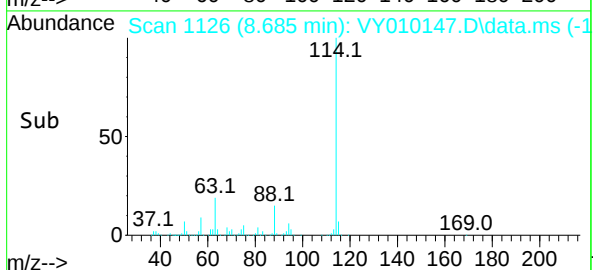
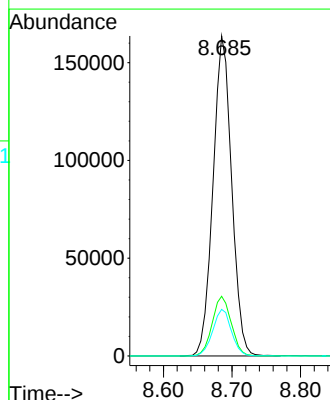
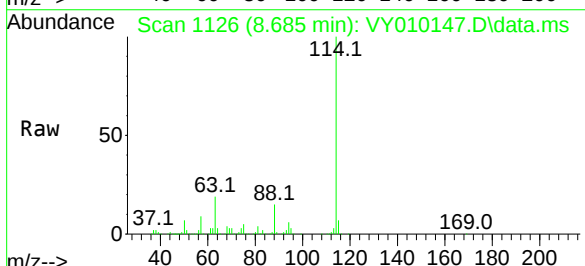
Tgt Ion: 114 Resp: 308968

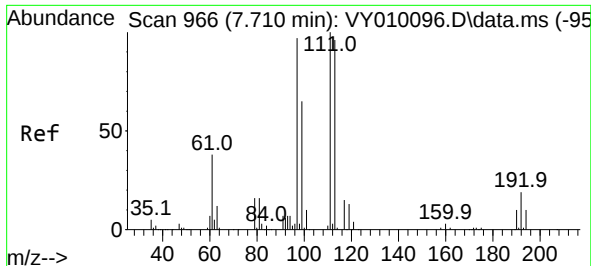
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 14.6 0.0 29.6

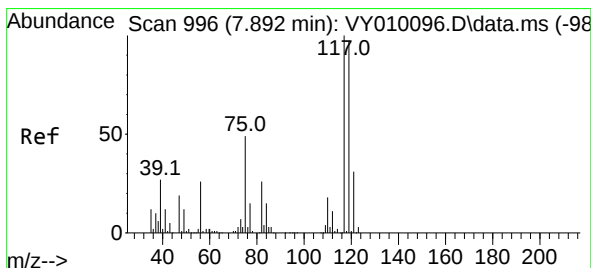
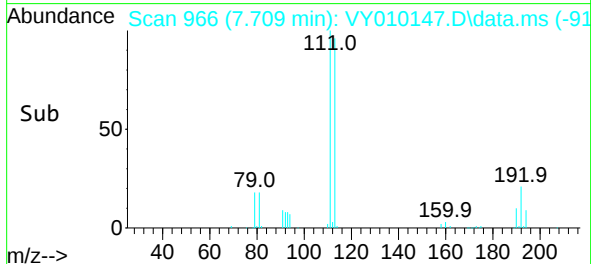
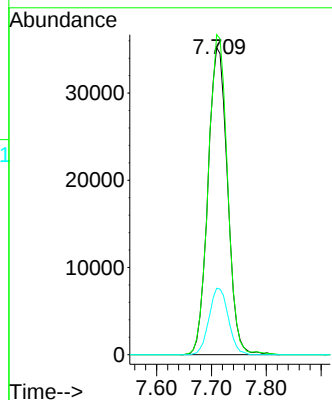
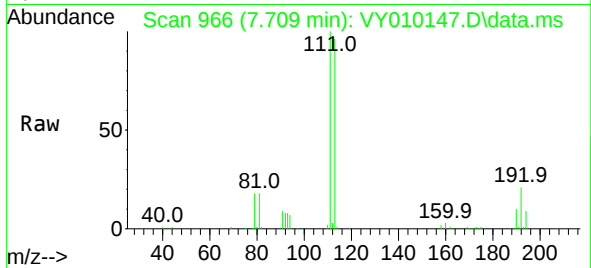




#35
Dibromofluoromethane
Concen: 49.991 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

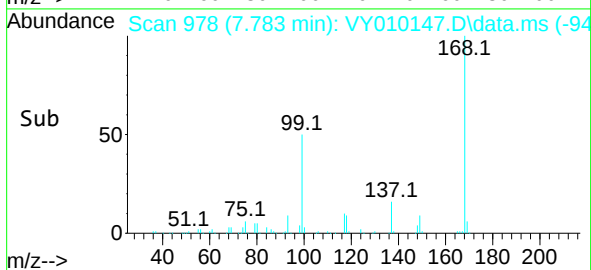
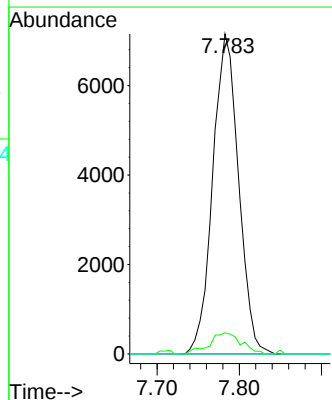
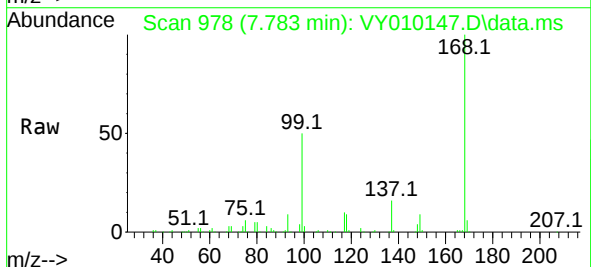
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

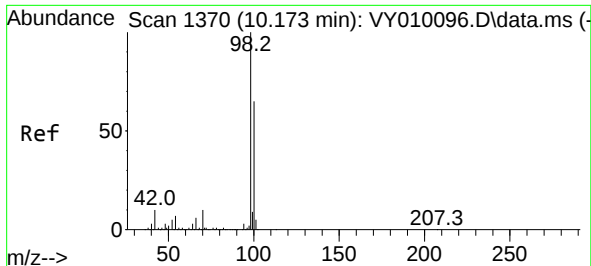
Tgt Ion:113 Resp: 87034
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 21.3 16.3 24.5



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion:117 Resp: 15627
Ion Ratio Lower Upper
117 100
119 6.6 77.1 115.7#
121 0.0 24.7 37.1#

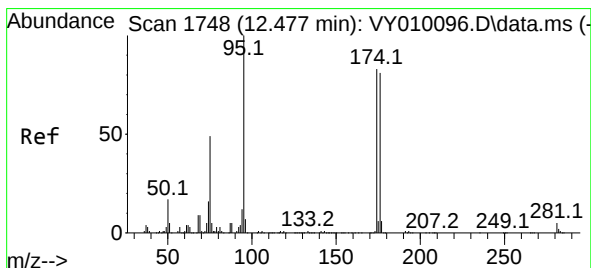
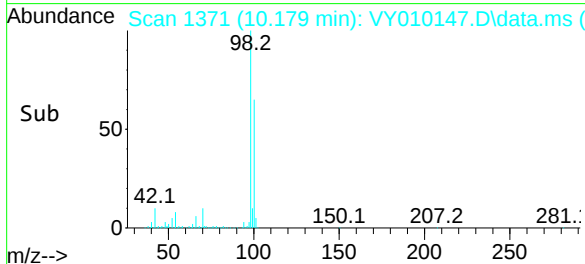
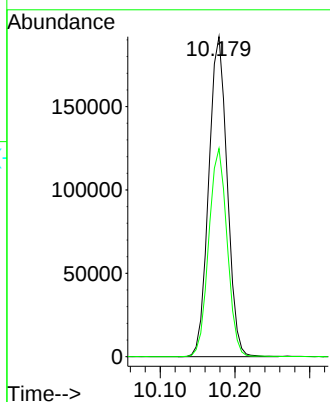
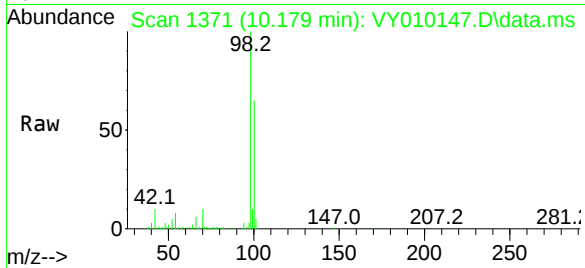




#50
Toluene-d8
Concen: 50.401 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

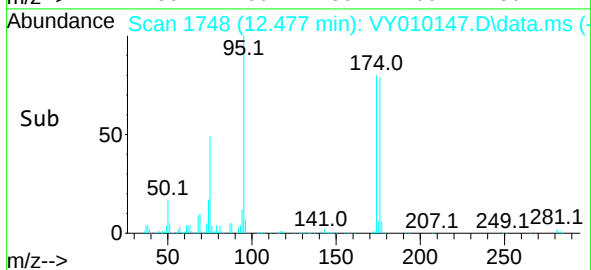
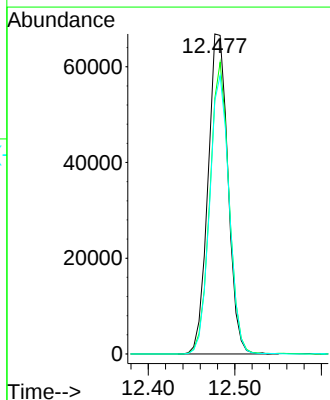
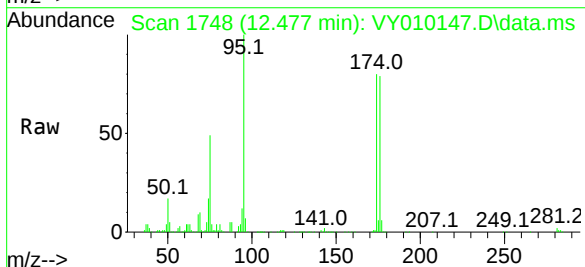
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

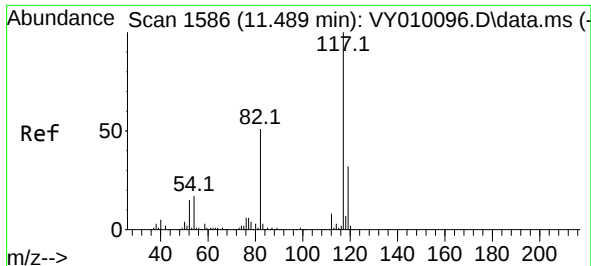
Tgt Ion: 98 Resp: 328798
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.974 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 95 Resp: 107158
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 84.9 0.0 167.2

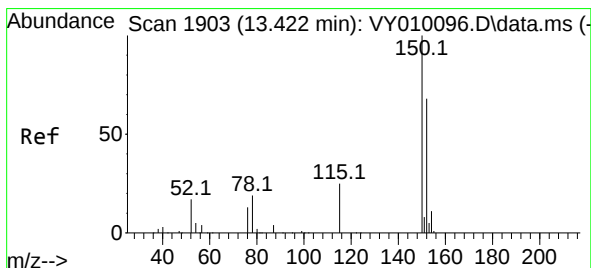
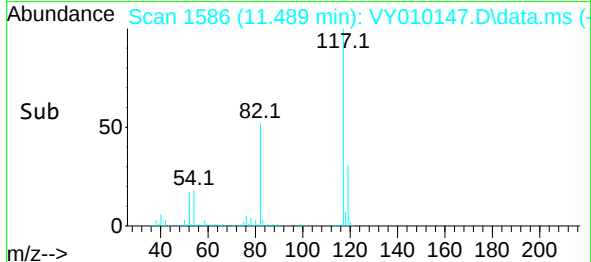
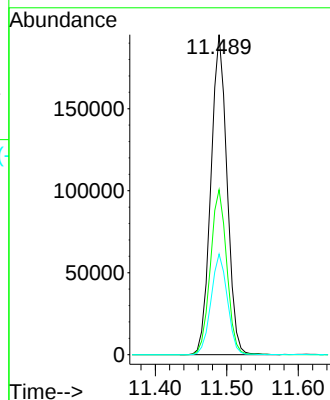
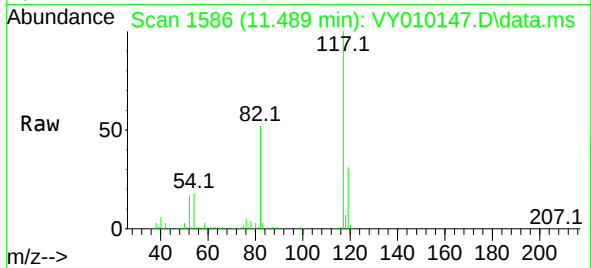




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

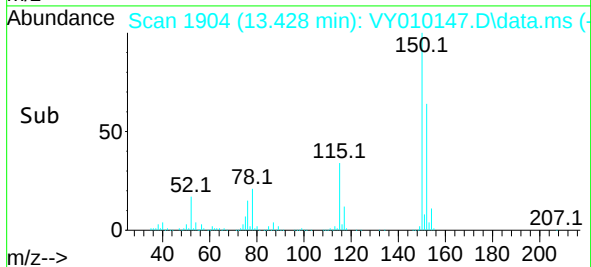
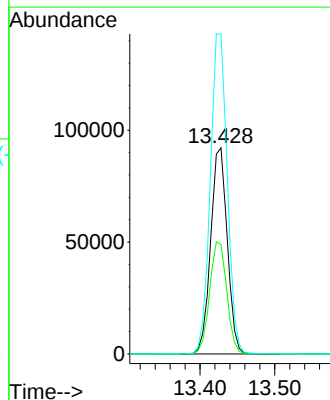
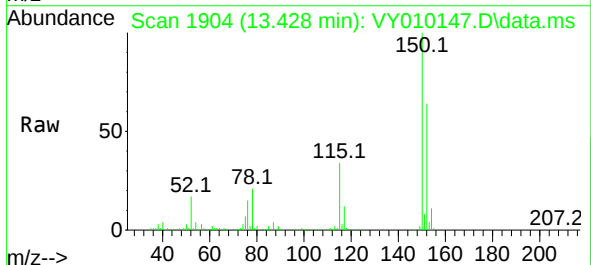
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

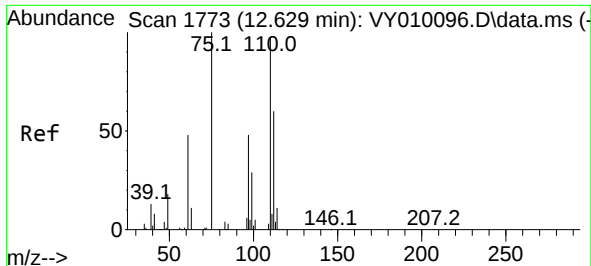
Tgt Ion:117 Resp: 306074
Ion Ratio Lower Upper
117 100
82 51.5 40.6 61.0
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion:152 Resp: 142245
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 158.6 0.0 346.2

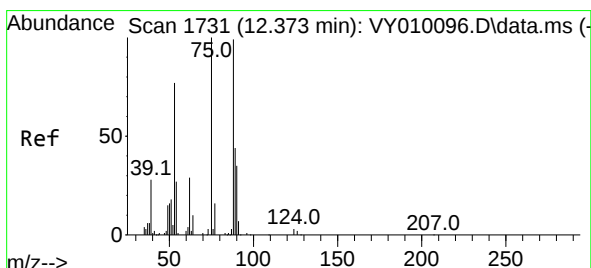
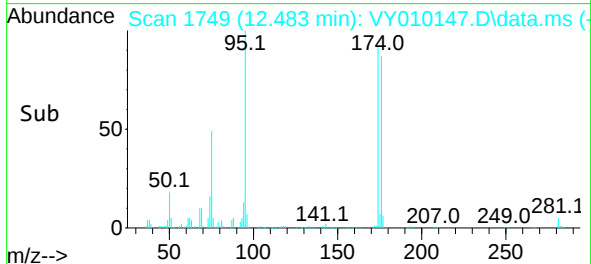
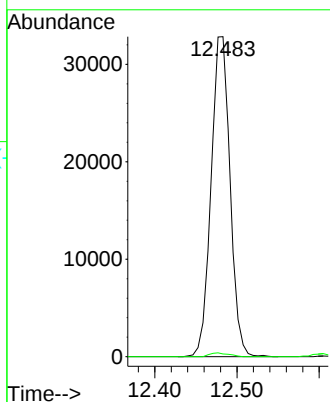
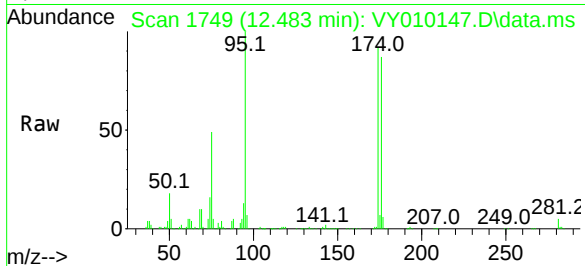




#76
1,2,3-Trichloropropane
Concen: 39.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

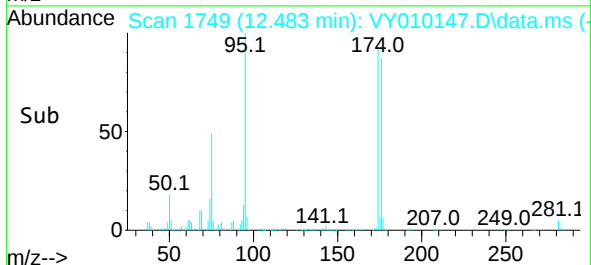
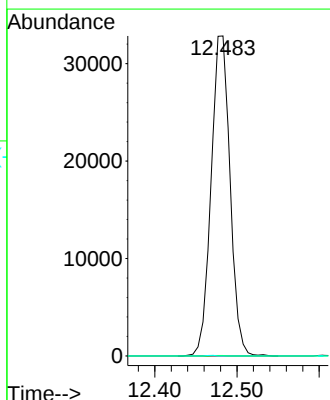
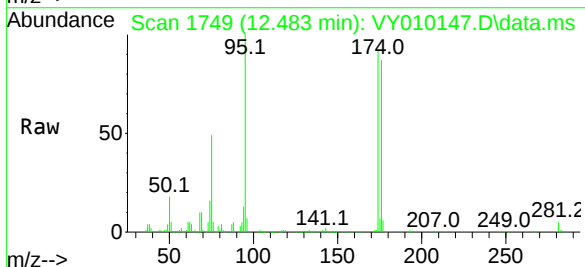
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

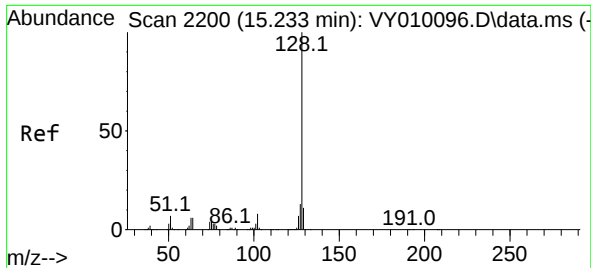
Tgt Ion: 75 Resp: 52576
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 75 Resp: 52576
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 36.8 55.2#





#95

Naphthalene

Concen: 4.278 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010147.D

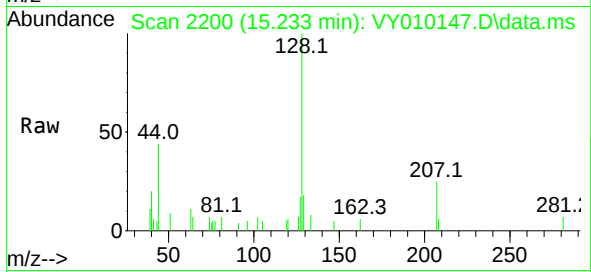
Acq: 22 Aug 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

PX-4



Tgt Ion:128 Resp: 2270

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.8 8.9 13.3

