

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013029.D
 Acq On : 21 Mar 2023 15:58
 Operator : KP/MD
 Sample : 02023-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-TEST-PIT-ON-CENTRAL

Quant Time: Mar 22 04:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

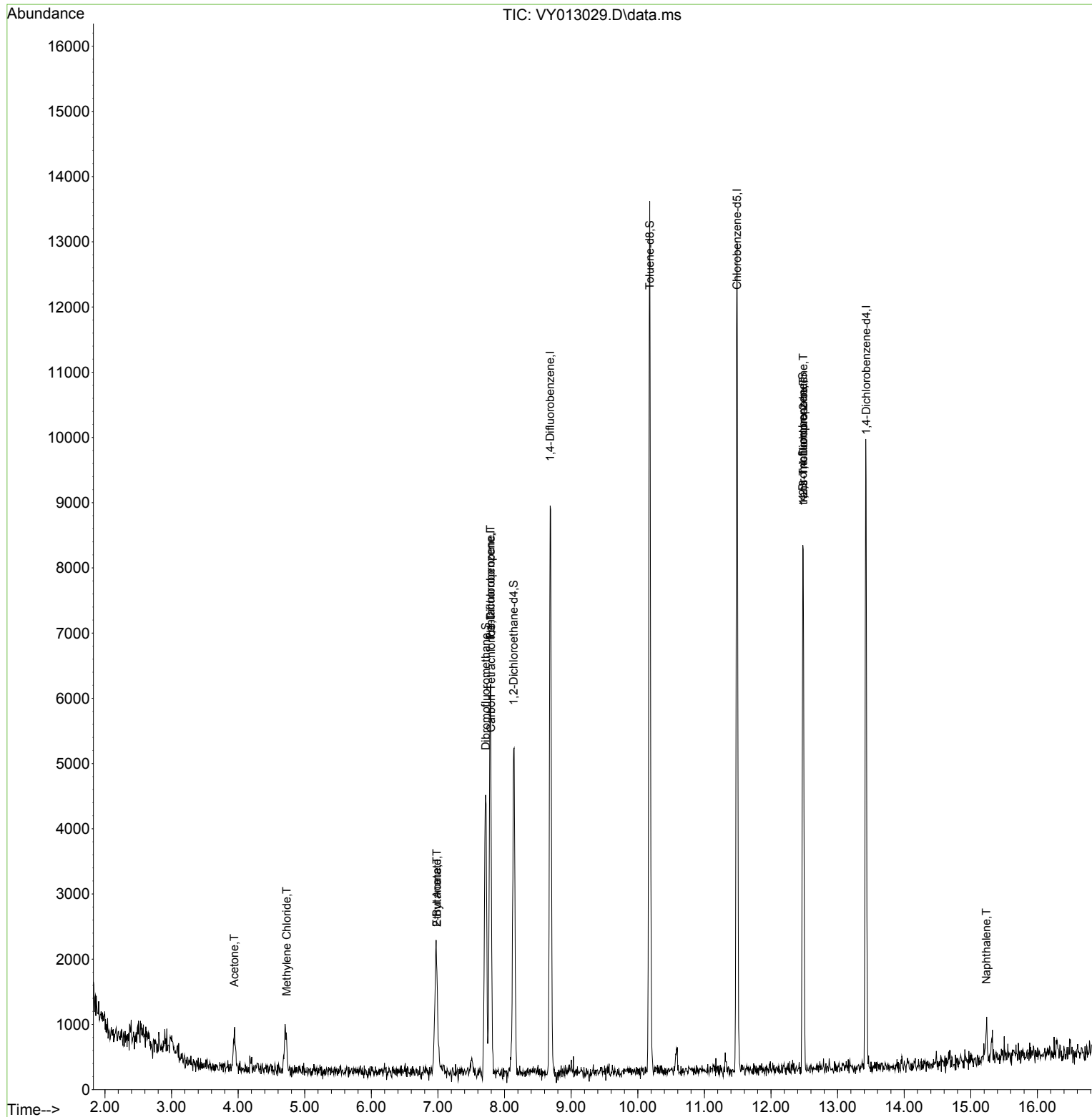
Internal Standards						
1) Pentafluorobenzene	7.789	168	5059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3945	78.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.080%
35) Dibromofluoromethane	7.716	113	3209	70.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.680%
50) Toluene-d8	10.179	98	9354	56.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.477	95	2555	45.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.780%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	978	49.606	ug/l #	88
20) Methylene Chloride	4.729	84	511	3.497	ug/l #	51
25) 2-Butanone	6.984	43	132	5.406	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	398	5.206	ug/l #	41
37) Ethyl Acetate	6.984	43	132	2.740	ug/l #	69
38) Carbon Tetrachloride	7.795	117	441	5.586	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1377	42.645	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1377	88.361	ug/l #	13
95) Naphthalene	15.233	128	790	7.889	ug/l #	81

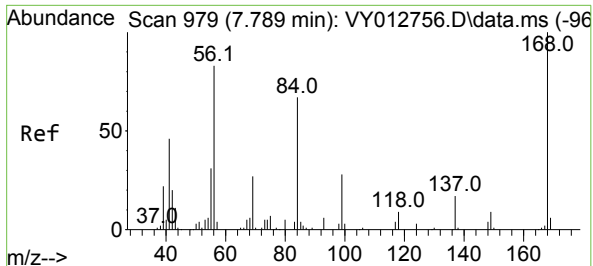
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-11-TEST-PIT-ON-CENTRAL

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Quant Title : SW846 8260
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Response via : Initial Calibration

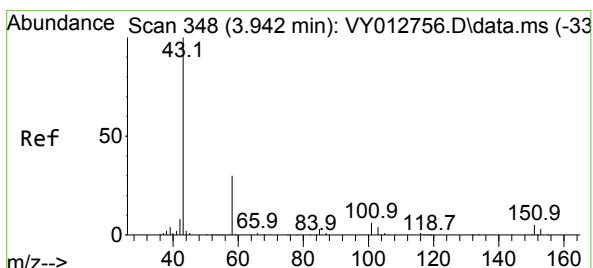
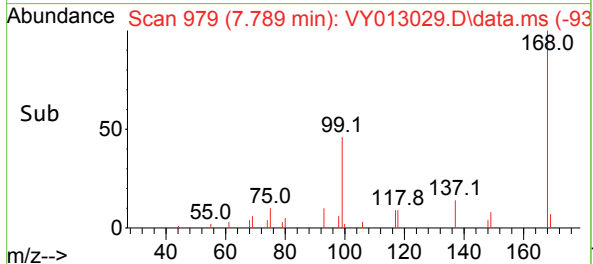
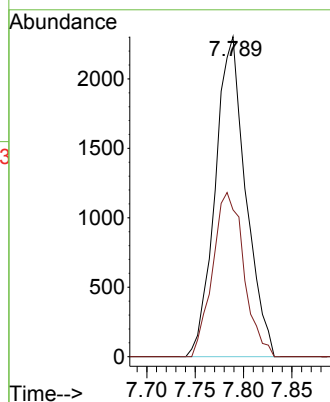
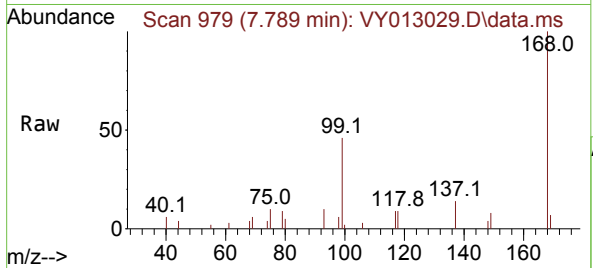




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

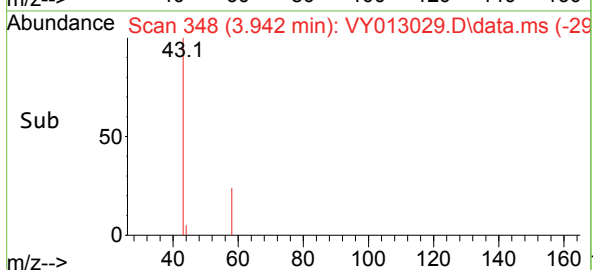
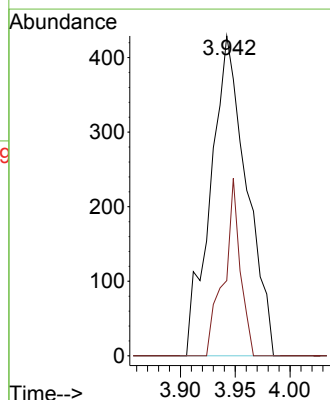
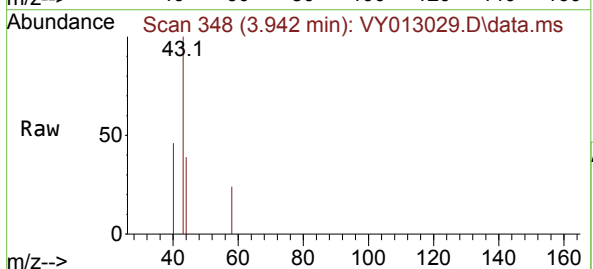
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

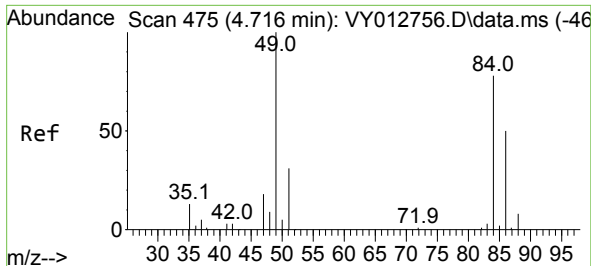
Tgt Ion:168 Resp: 5059
Ion Ratio Lower Upper
168 100
99 45.9 41.7 62.5



#16
Acetone
Concen: 49.606 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 23.5 24.2 36.2#





#20

Methylene Chloride

Concen: 3.497 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY013029.D

Acq: 21 Mar 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL

Tgt Ion: 84 Resp: 511

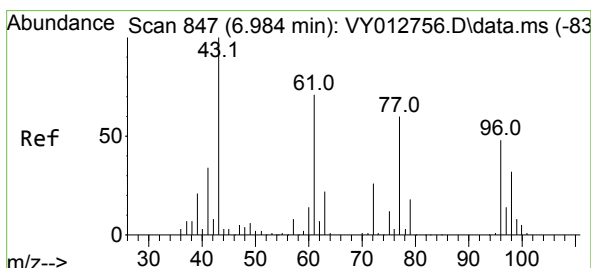
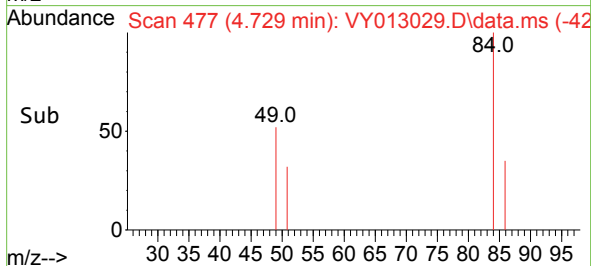
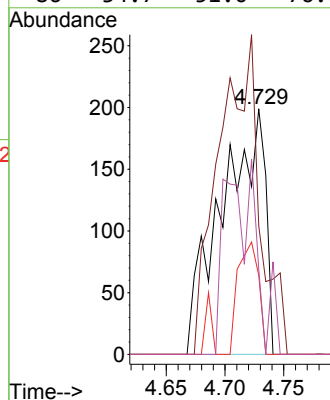
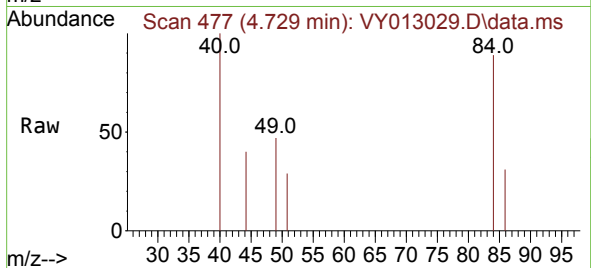
Ion Ratio Lower Upper

84 100

49 52.3 102.6 154.0#

51 32.2 31.9 47.9

86 34.7 51.0 76.6#



#25

2-Butanone

Concen: 5.406 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013029.D

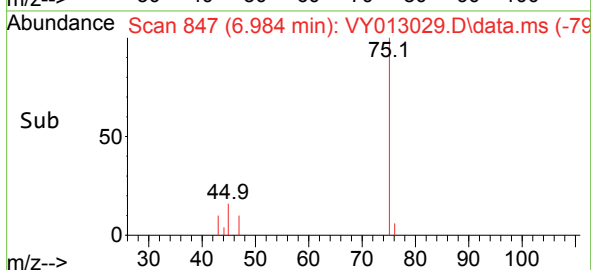
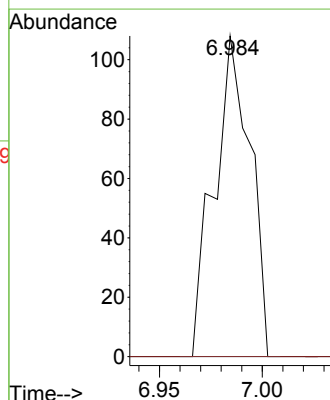
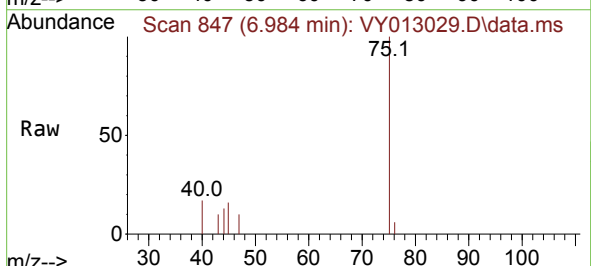
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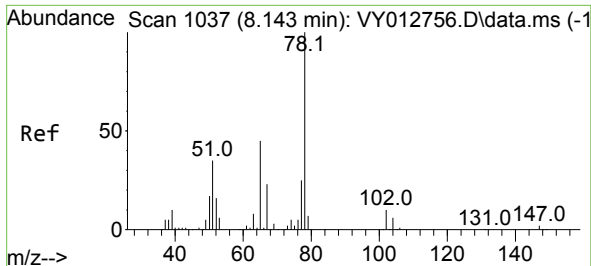
Tgt Ion: 43 Resp: 132

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

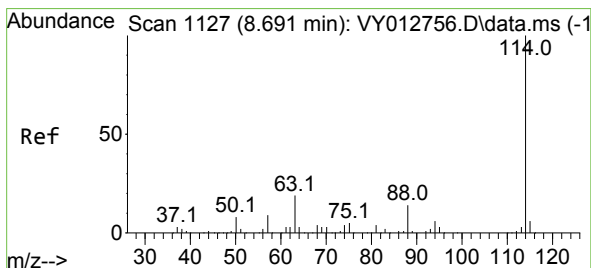
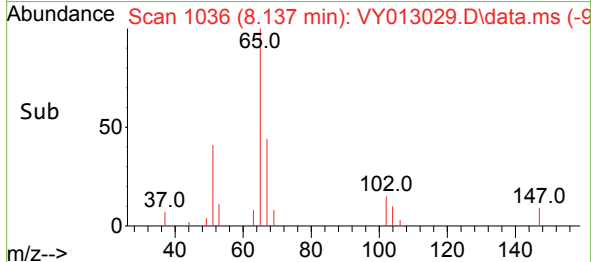
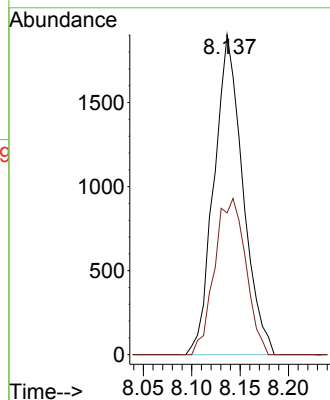
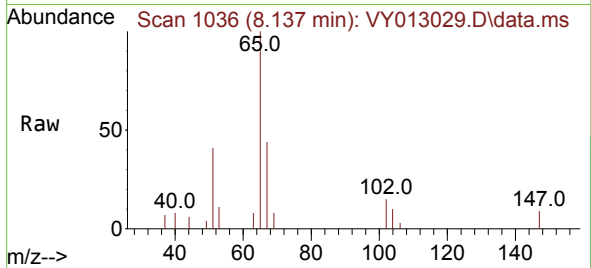




#33
 1,2-Dichloroethane-d4
 Concen: 78.540 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013029.D
 Acq: 21 Mar 2023 15:58

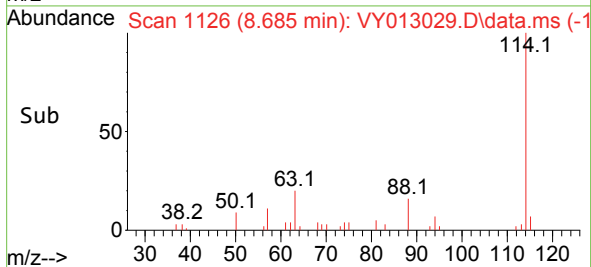
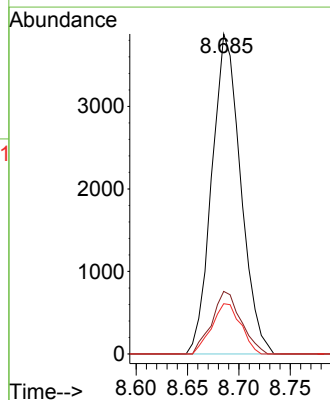
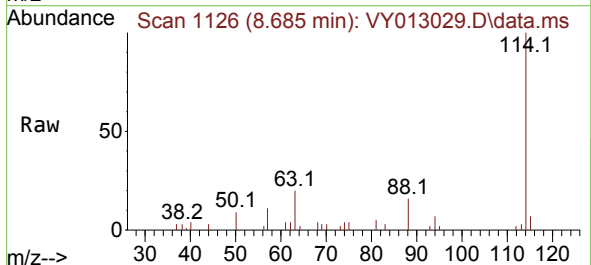
Instrument : MSVOA_Y
 ClientSampleId : TP-11-TEST-PIT-ON-CENTRAL

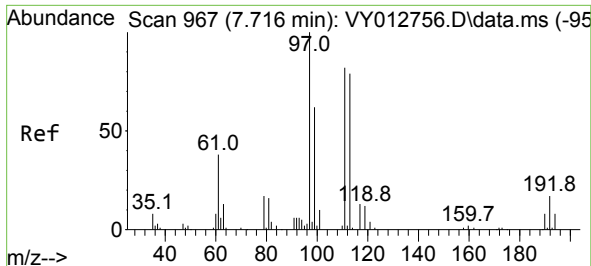
Tgt Ion: 65 Resp: 3945
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013029.D
 Acq: 21 Mar 2023 15:58

Tgt Ion: 114 Resp: 7559
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 15.7 0.0 28.6

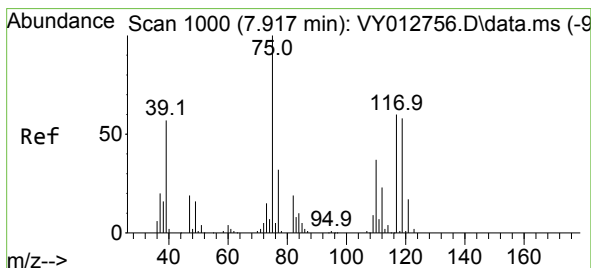
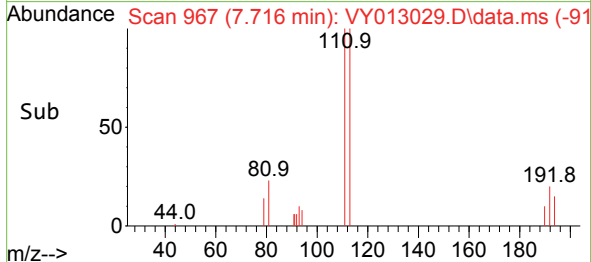
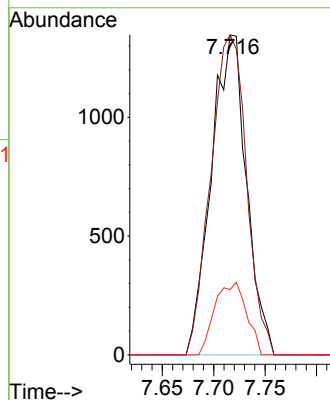
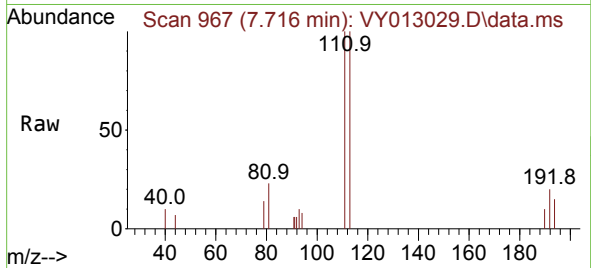




#35
Dibromofluoromethane
Concen: 70.344 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

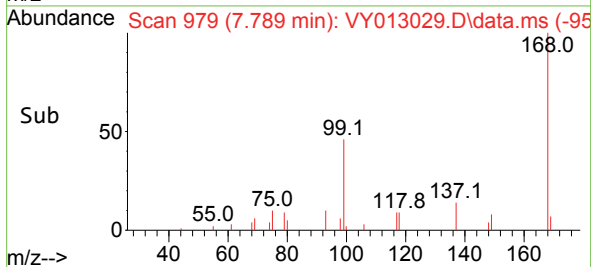
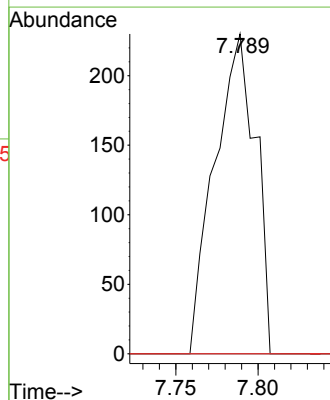
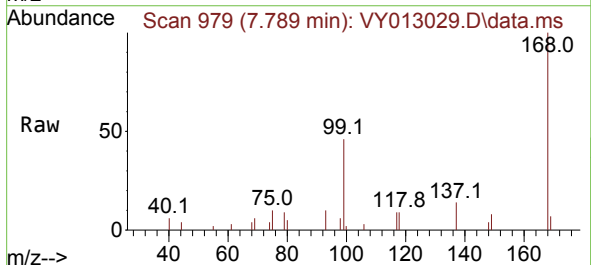
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

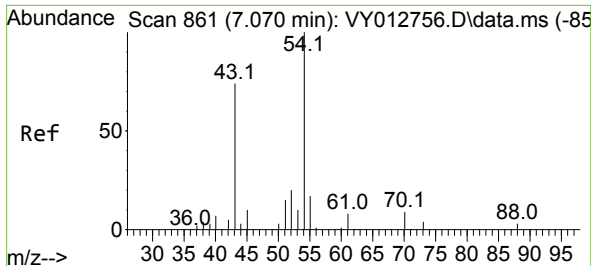
Tgt Ion:113 Resp: 3209
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.206 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 75 Resp: 398
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#

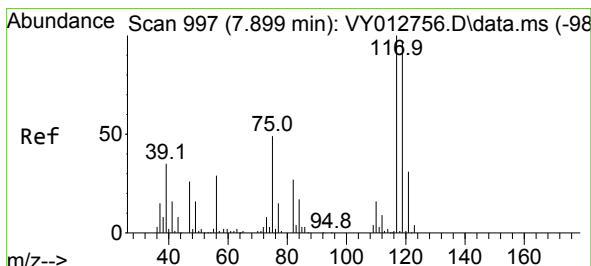
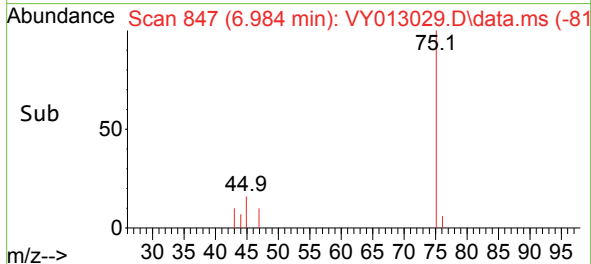
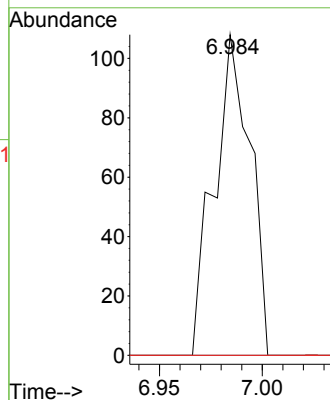
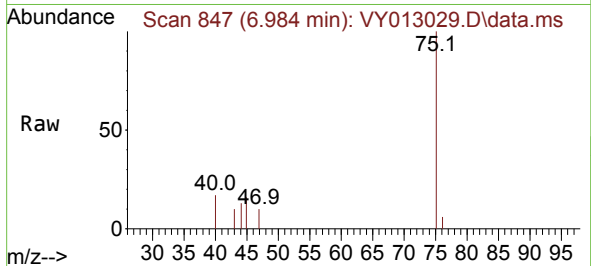




#37
Ethyl Acetate
Concen: 2.740 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

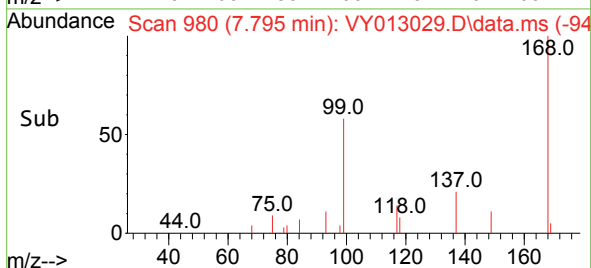
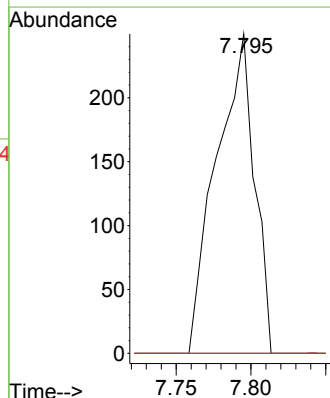
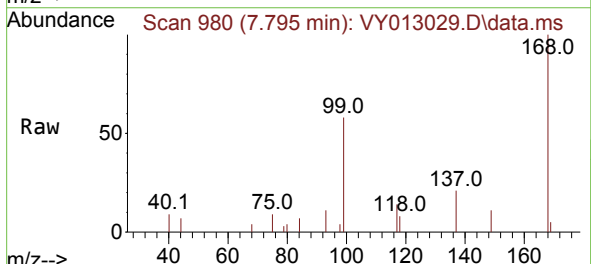
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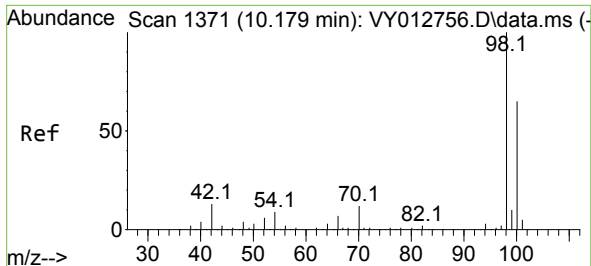
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 117 Resp: 441
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#

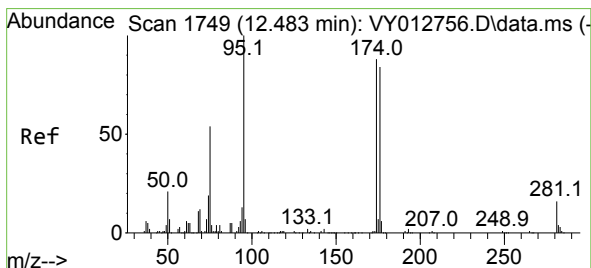
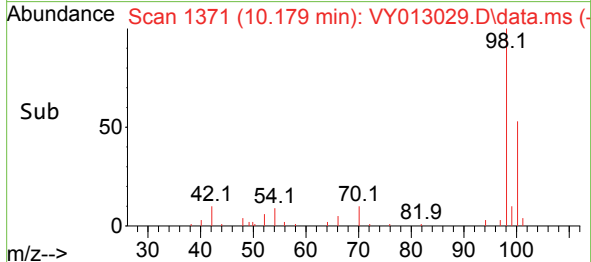
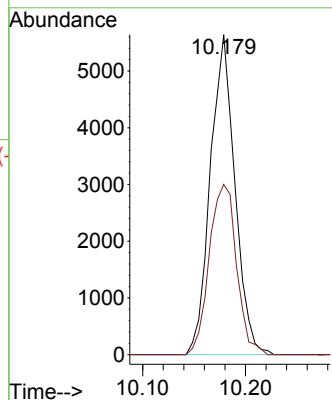
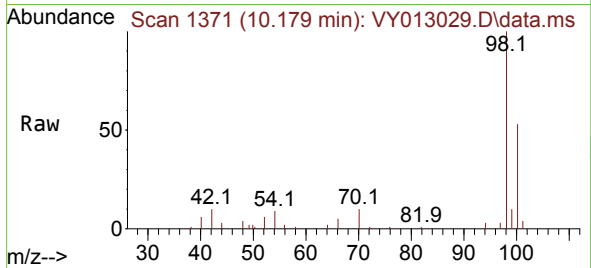




#50
Toluene-d8
Concen: 56.089 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

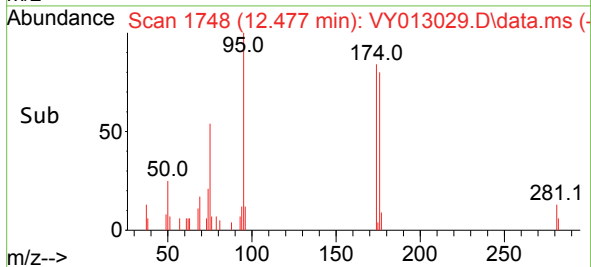
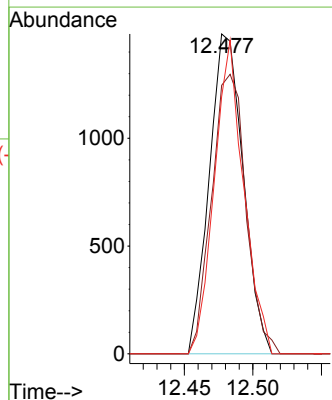
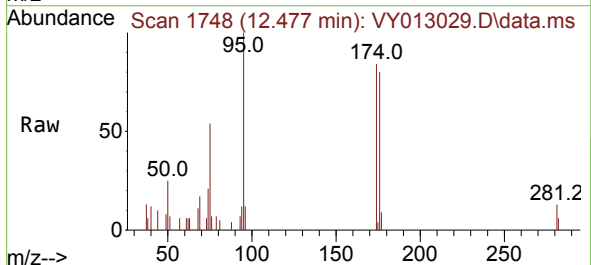
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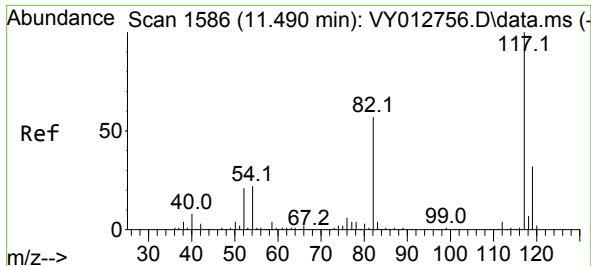
Tgt Ion: 98 Resp: 9354
Ion Ratio Lower Upper
98 100
100 59.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 95 Resp: 2555
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 84.9 0.0 170.2

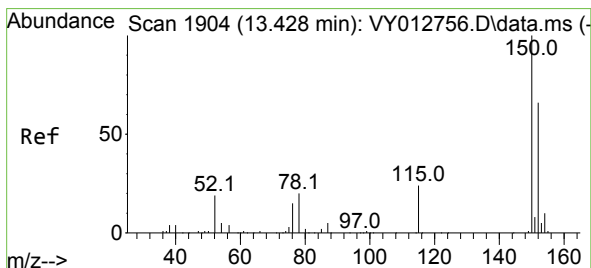
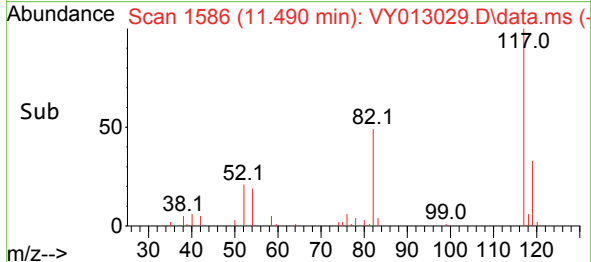
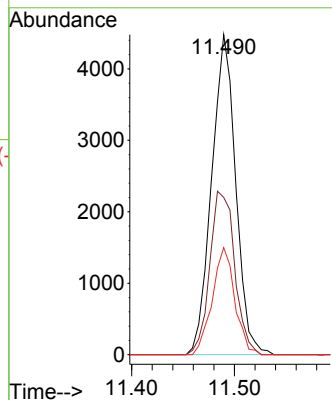
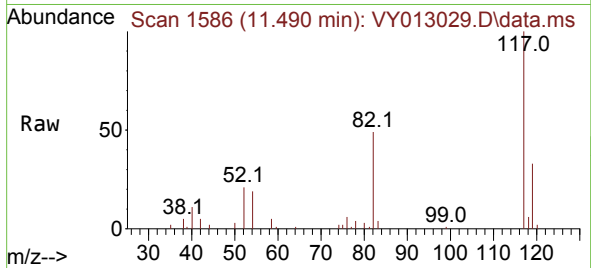




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

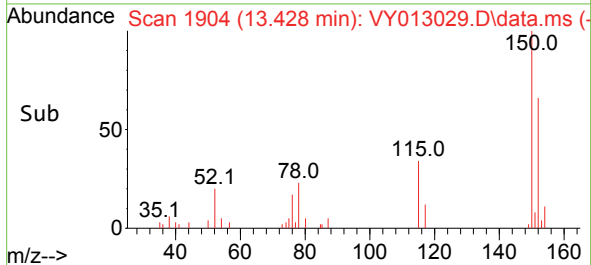
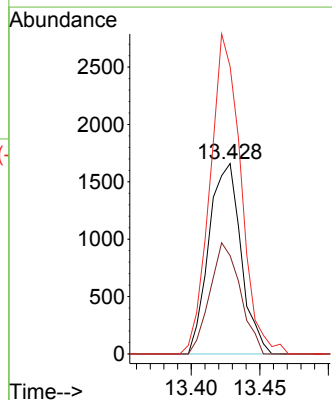
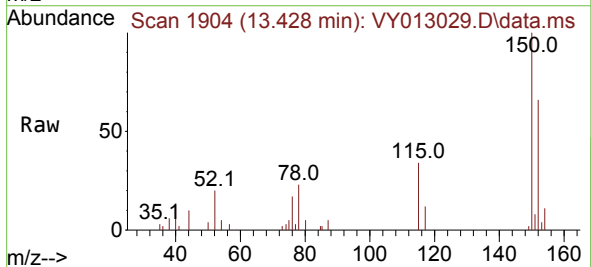
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

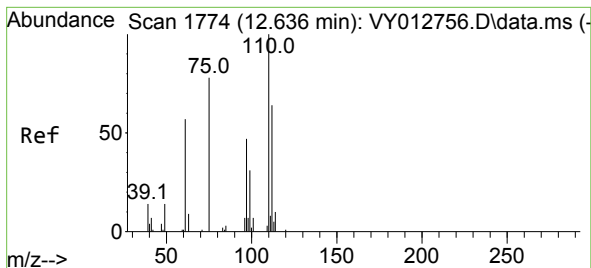
Tgt Ion:117 Resp: 7283
Ion Ratio Lower Upper
117 100
82 49.2 45.4 68.0
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion:152 Resp: 2704
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 161.1 0.0 347.8

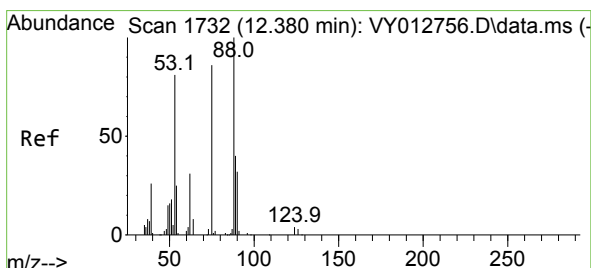
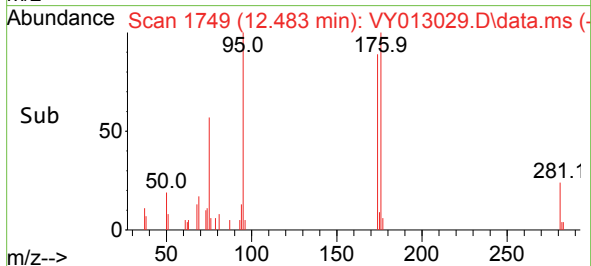
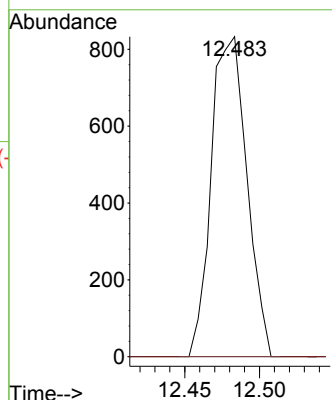
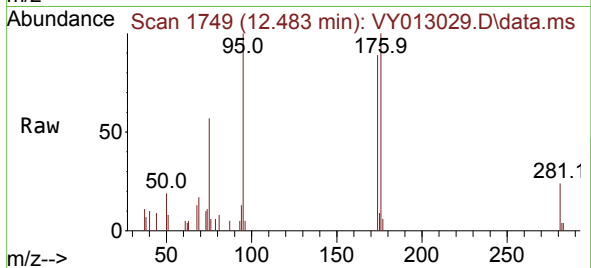




#76
1,2,3-Trichloropropane
Concen: 42.645 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

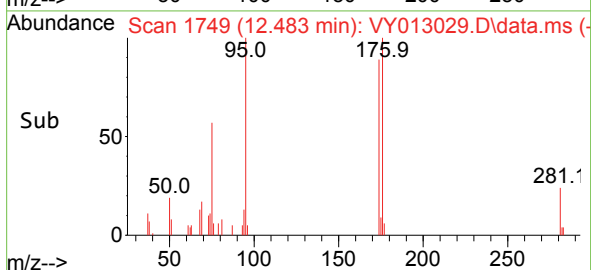
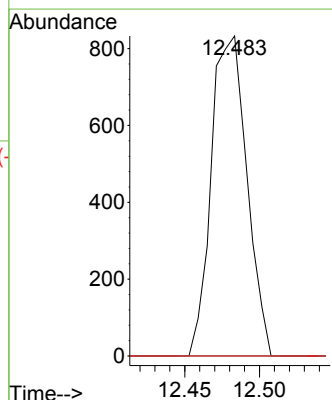
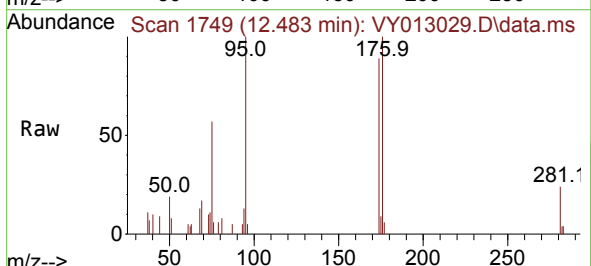
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

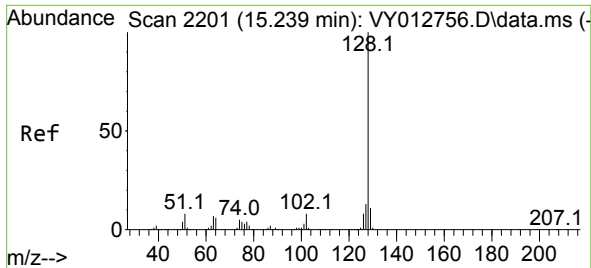
Tgt Ion: 75 Resp: 1377
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 88.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 75 Resp: 1377
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 7.889 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013029.D

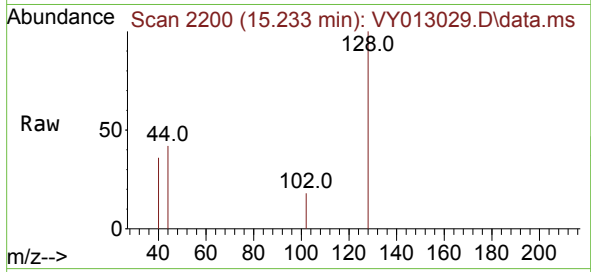
Acq: 21 Mar 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL



Tgt Ion:128 Resp: 790

Ion Ratio Lower Upper

128 100

127 8.5 10.3 15.5#

129 0.0 8.6 13.0#

