

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009931.D
 Acq On : 09 Aug 2022 19:47
 Operator : KP/MD
 Sample : N4068-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-080522

Quant Time: Aug 09 23:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

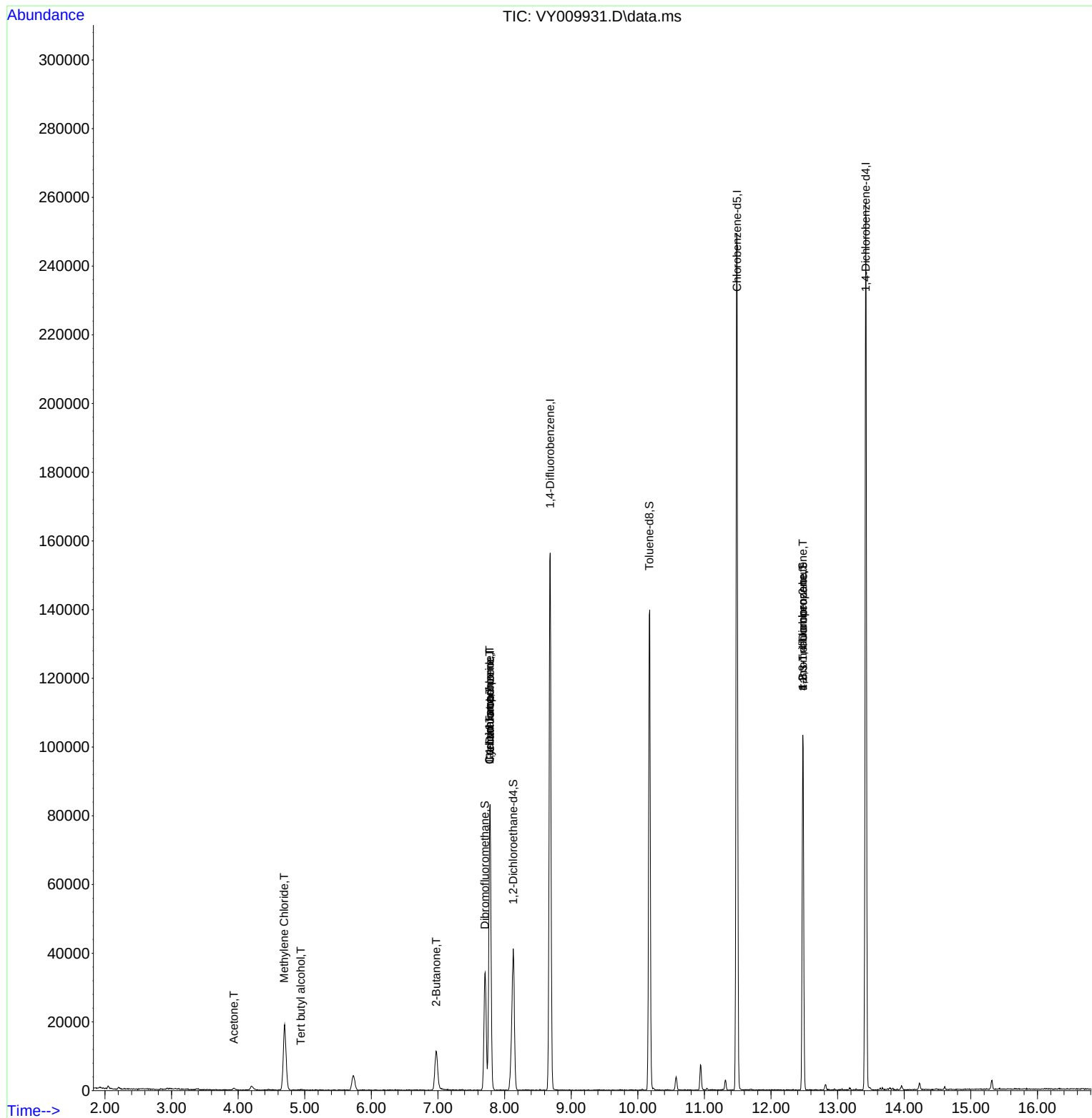
Internal Standards						
1) Pentafluorobenzene	7.783	168	64057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25972	52.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.704	113	24926	34.629	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 69.260%			
50) Toluene-d8	10.173	98	92720	41.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.720%			
62) 4-Bromofluorobenzene	12.477	95	30161	30.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 60.020%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	175	2.410	ug/l #	78
16) Acetone	3.936	43	1000	5.534	ug/l	97
18) Methyl Acetate	4.448	43	278	Below Cal	#	52
20) Methylene Chloride	4.692	84	13974	9.089	ug/l	97
25) 2-Butanone	6.972	43	680	2.285	ug/l #	48
31) Cyclohexane	7.777	56	1412	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	5219	4.297	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6276	5.206	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	15777	23.126	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15777	46.756	ug/l #	13

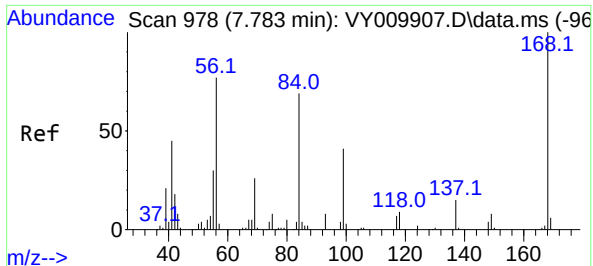
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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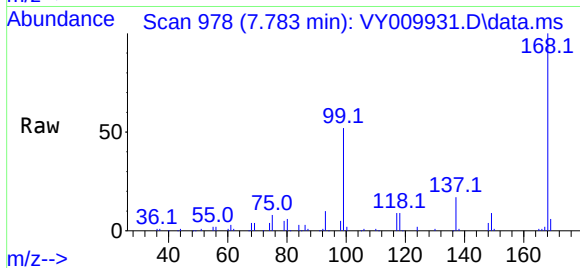
Quant Time: Aug 09 23:10:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
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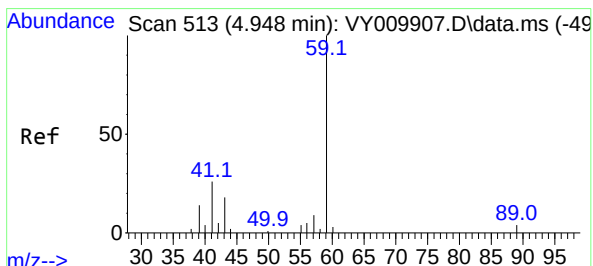
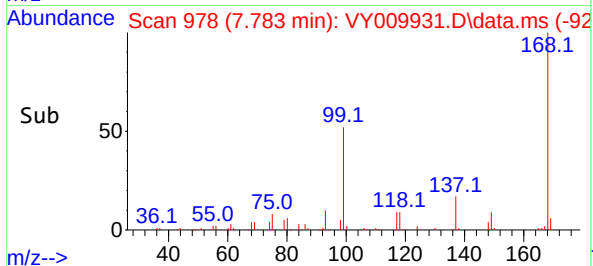
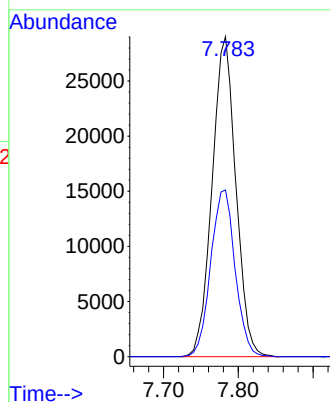


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

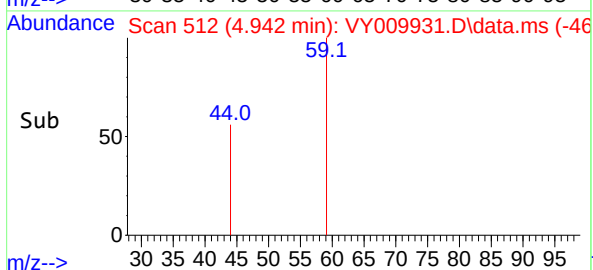
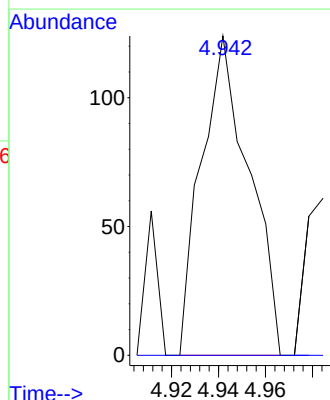
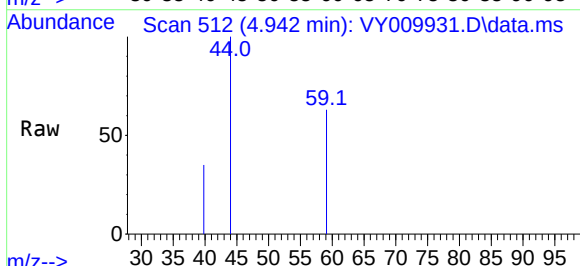


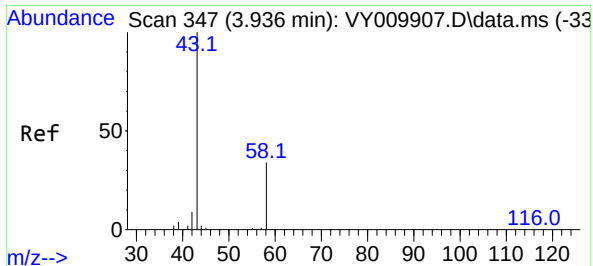
Tgt Ion:168 Resp: 64057
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.410 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

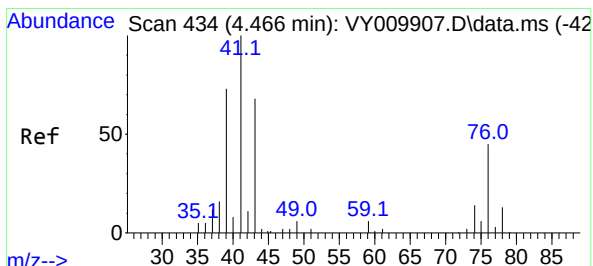
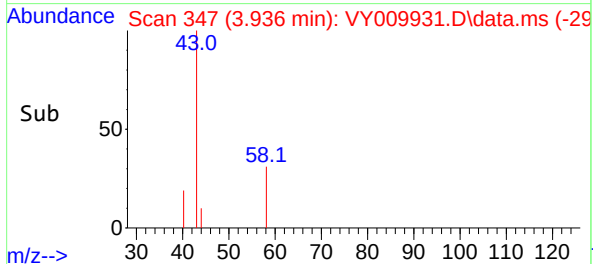
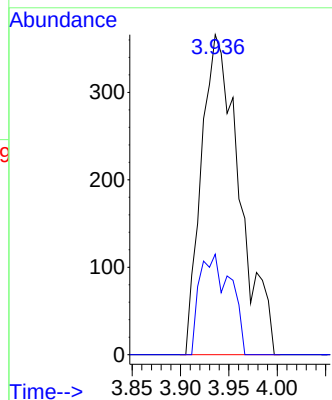
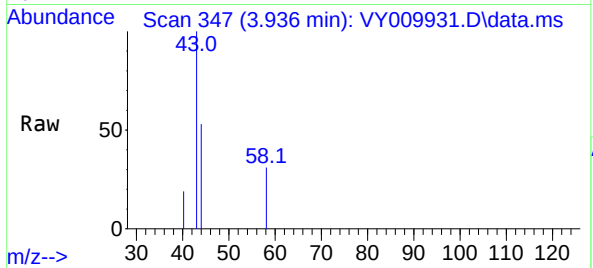




#16
Acetone
Concen: 5.534 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

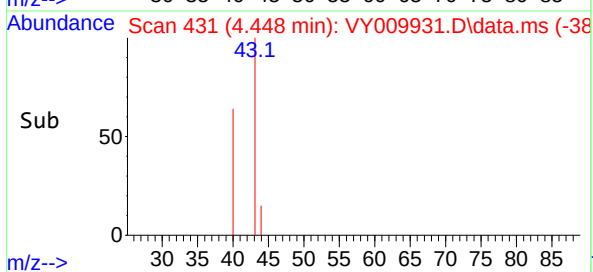
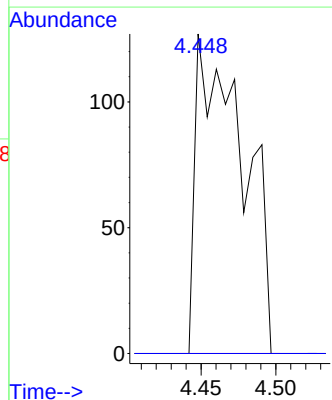
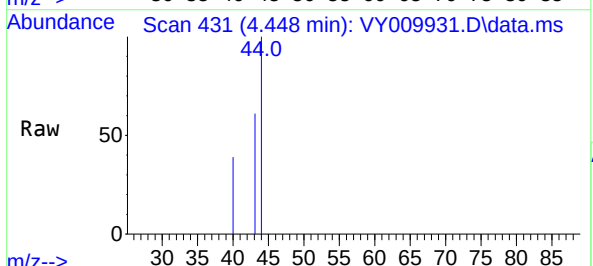
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

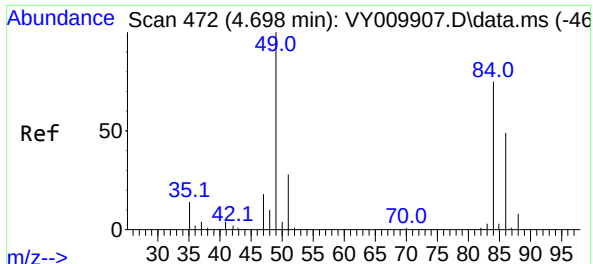
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 431
Delta R.T. -0.018 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



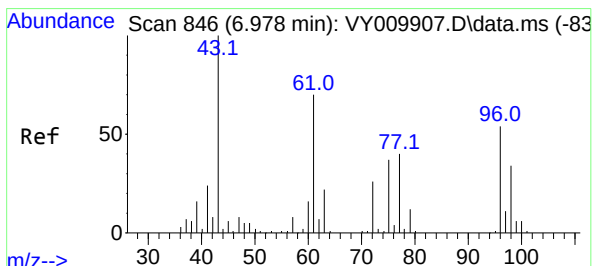
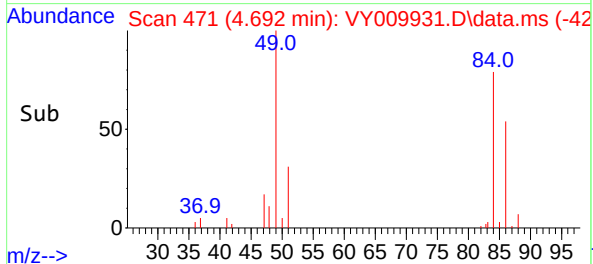
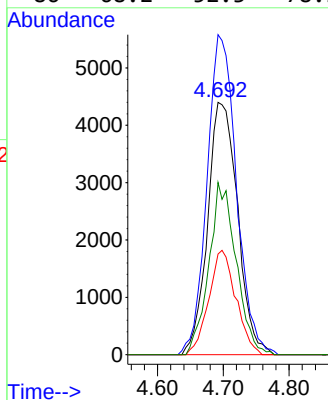
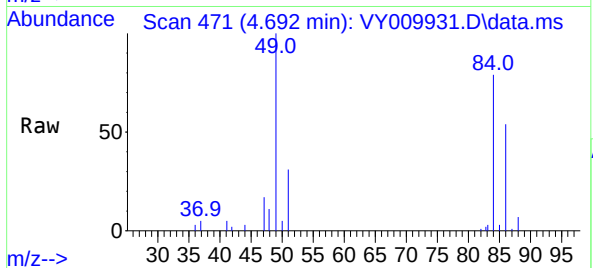


#20
Methylene Chloride
Concen: 9.089 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

Tgt Ion: 84 Resp: 13974

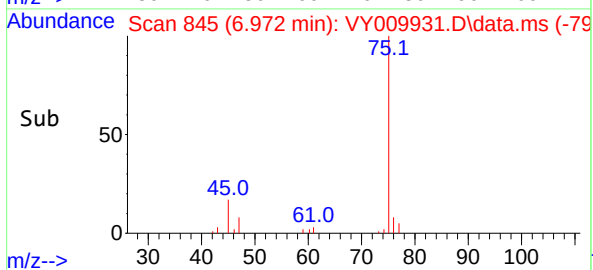
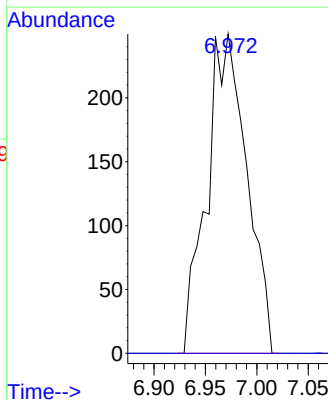
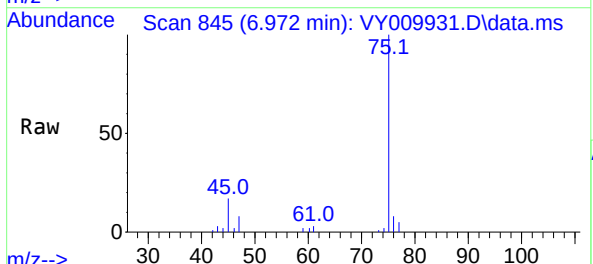
Ion	Ratio	Lower	Upper
84	100		
49	126.8	98.2	147.4
51	39.9	33.4	50.0
86	68.2	52.3	78.5

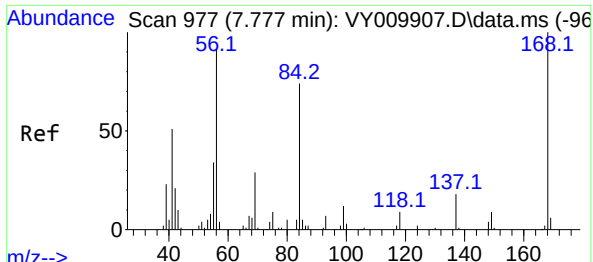


#25
2-Butanone
Concen: 2.285 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 43 Resp: 680

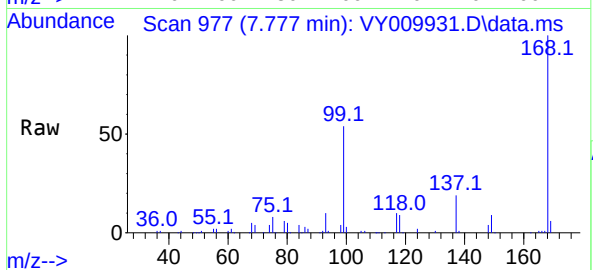
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#



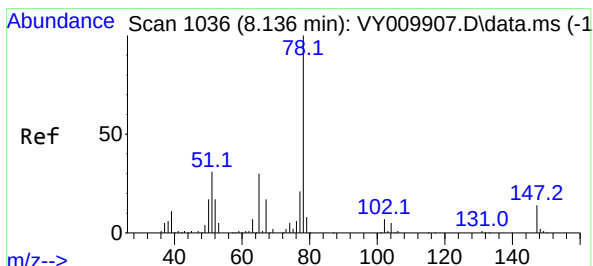
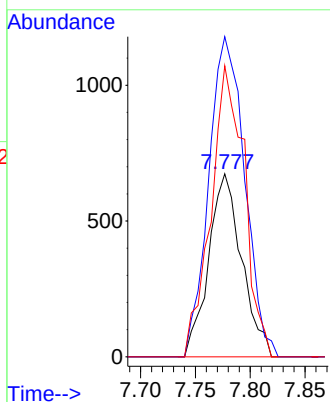
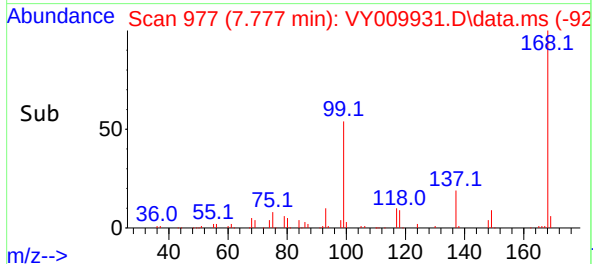


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

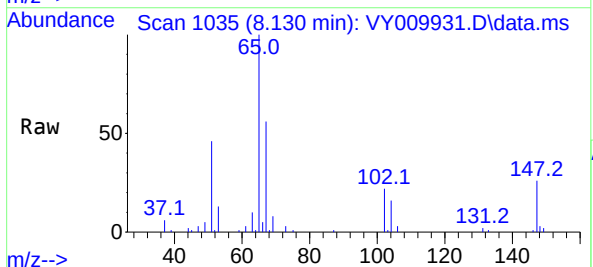
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522



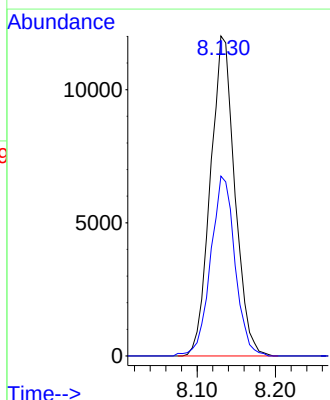
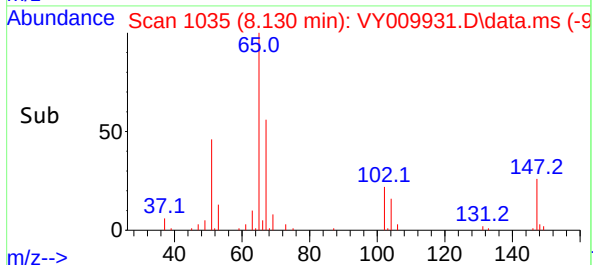
Tgt Ion: 56 Resp: 1412
Ion Ratio Lower Upper
56 100
69 174.9 26.0 39.0#
84 159.1 69.5 104.3#

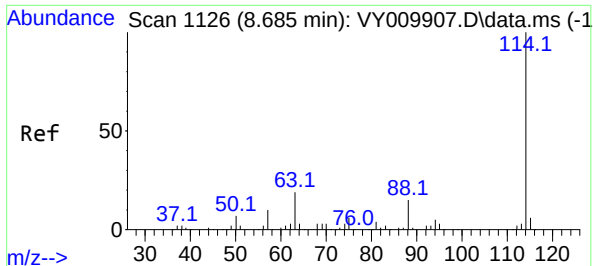


#33
1,2-Dichloroethane-d4
Concen: 52.024 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47



Tgt Ion: 65 Resp: 25972
Ion Ratio Lower Upper
65 100
67 56.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009931.D

Acq: 09 Aug 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-080522

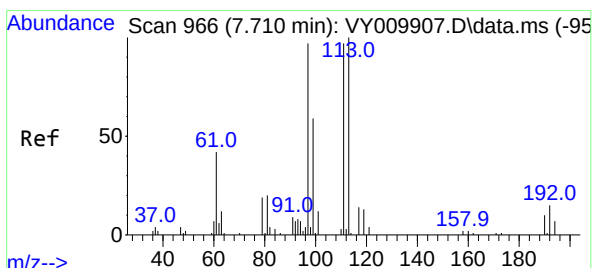
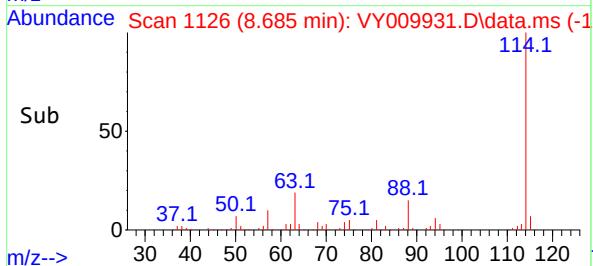
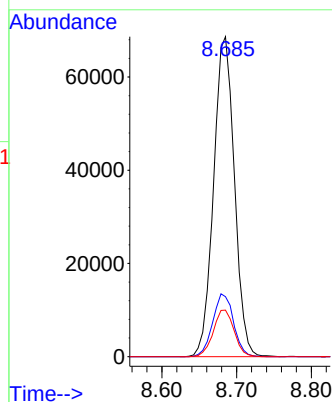
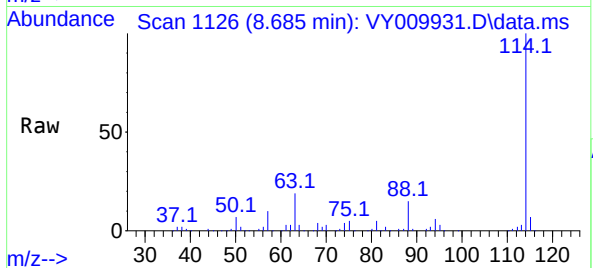
Tgt Ion:114 Resp: 132597

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 14.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 34.629 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.005 min

Lab File: VY009931.D

Acq: 09 Aug 2022 19:47

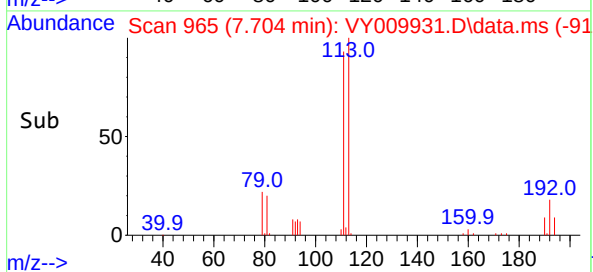
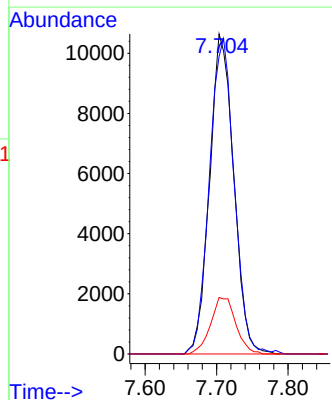
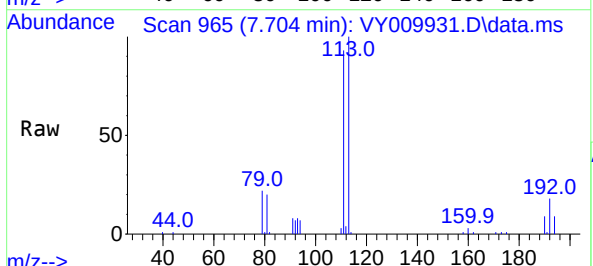
Tgt Ion:113 Resp: 24926

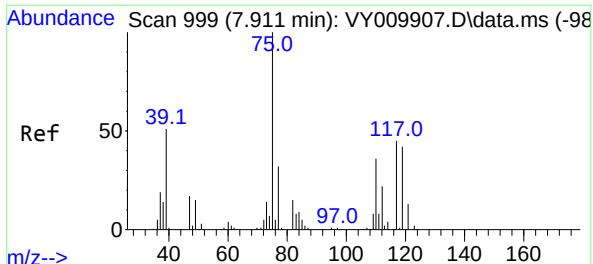
Ion Ratio Lower Upper

113 100

111 101.2 80.6 120.8

192 18.5 16.2 24.4

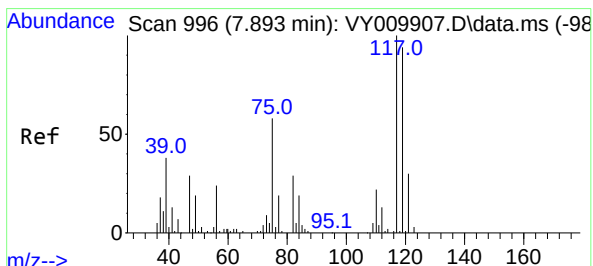
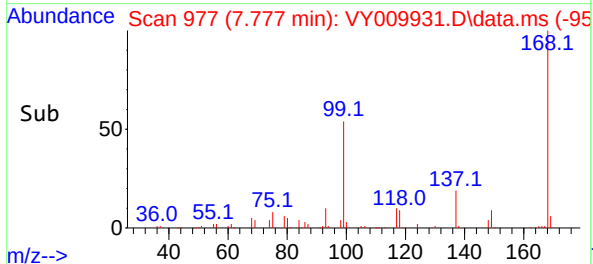
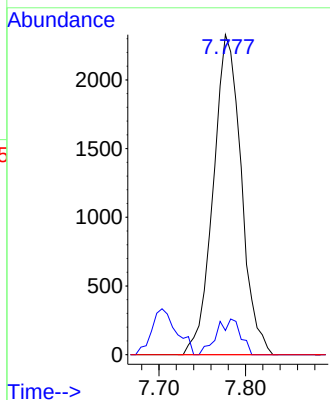
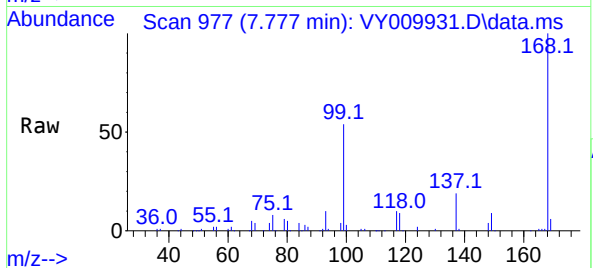




#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

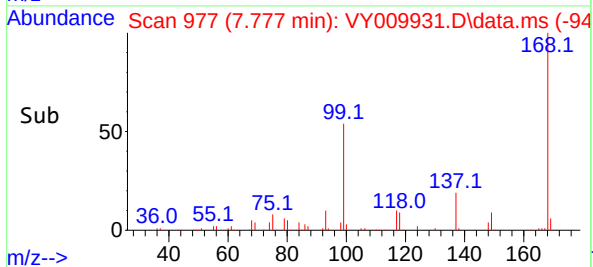
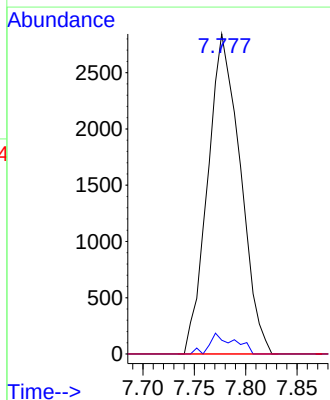
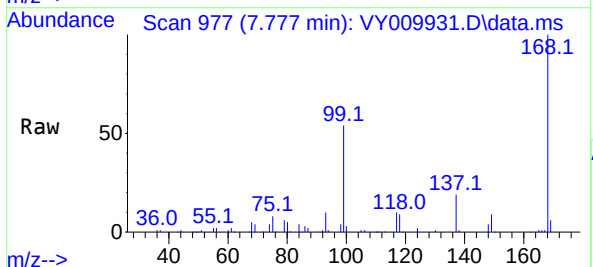
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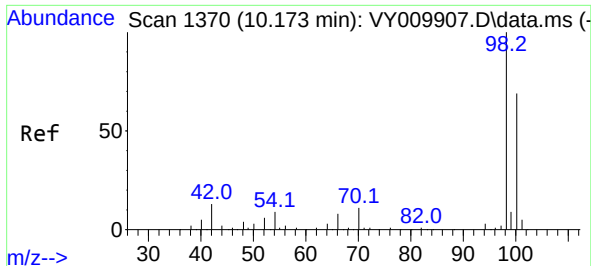
Tgt Ion: 75 Resp: 5219
Ion Ratio Lower Upper
75 100
110 9.5 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 117 Resp: 6276
Ion Ratio Lower Upper
117 100
119 4.3 75.9 113.9#
121 0.0 24.9 37.3#

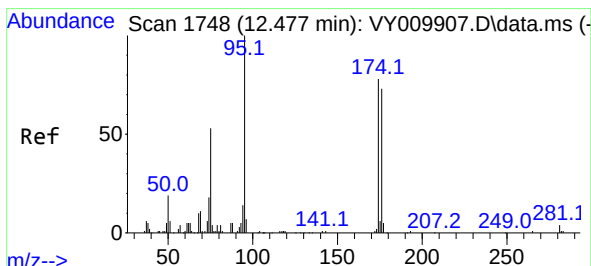
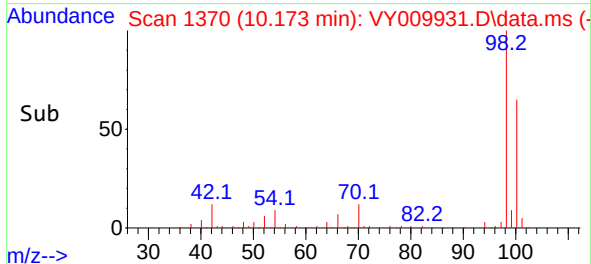
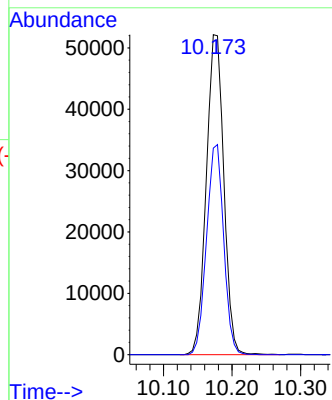
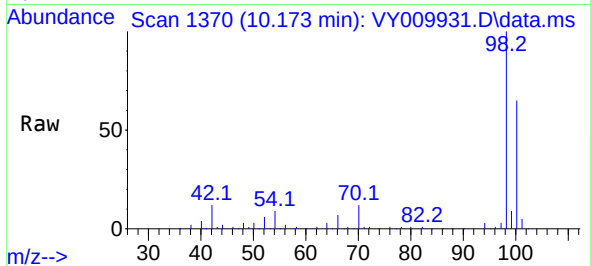




#50
Toluene-d8
Concen: 41.363 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

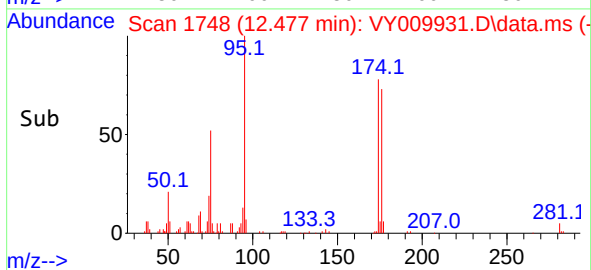
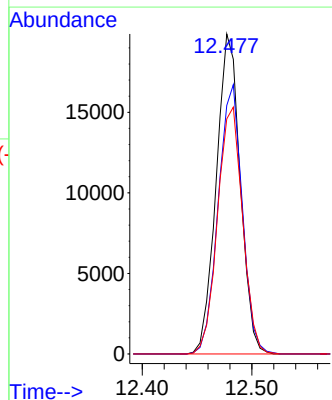
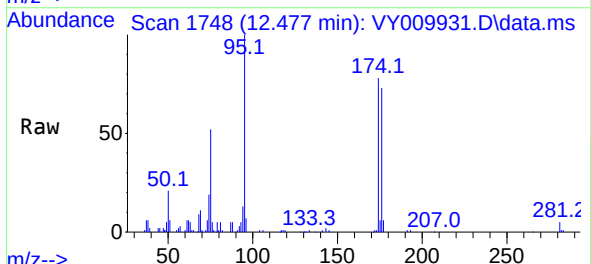
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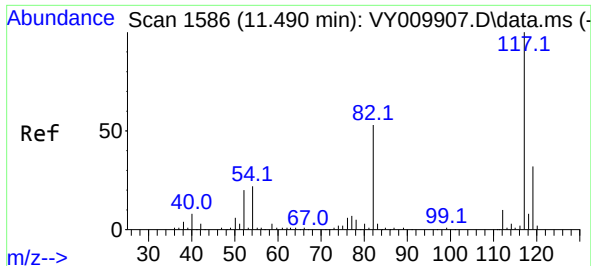
Tgt Ion: 98 Resp: 92720
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.010 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 95 Resp: 30161
Ion Ratio Lower Upper
95 100
174 84.6 0.0 173.8
176 80.5 0.0 167.0

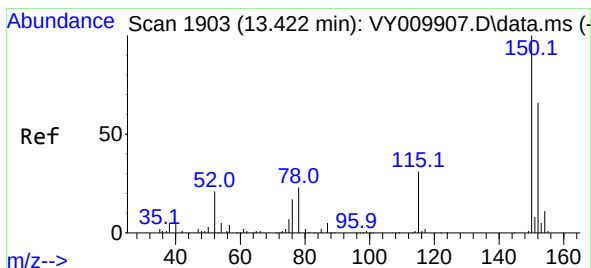
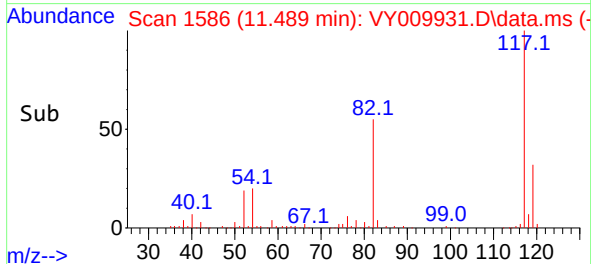
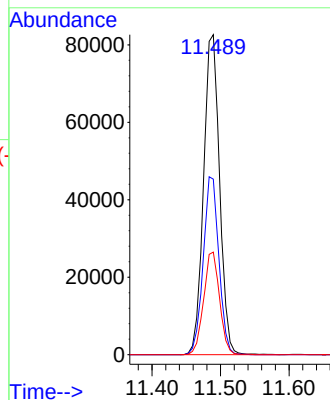
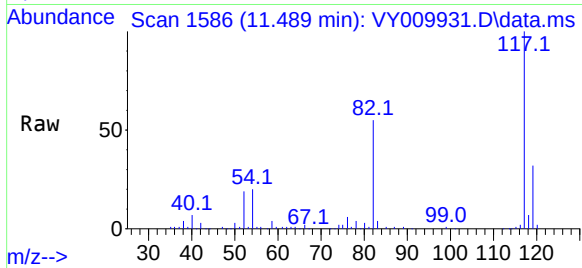




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

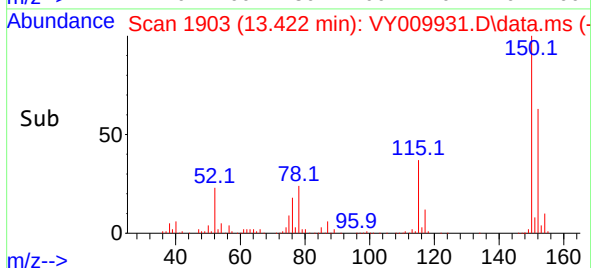
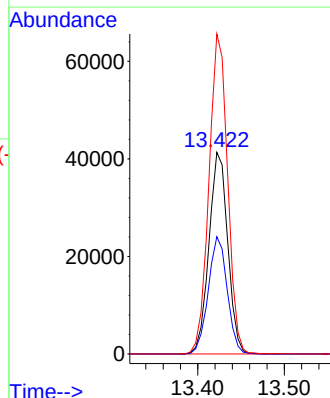
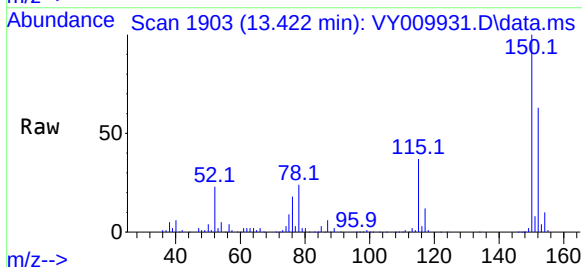
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

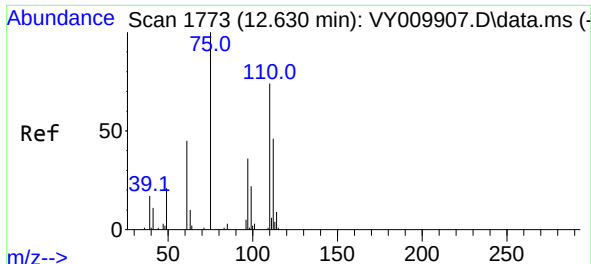
Tgt Ion:117 Resp: 134355
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion:152 Resp: 62354
Ion Ratio Lower Upper
152 100
115 58.5 28.6 85.9
150 157.5 0.0 349.8

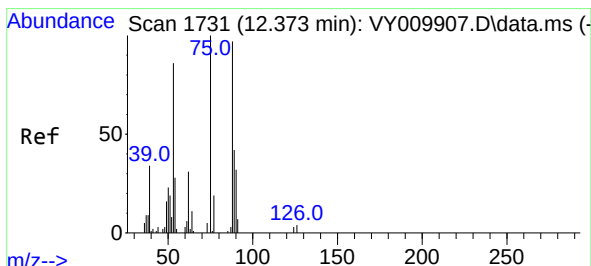
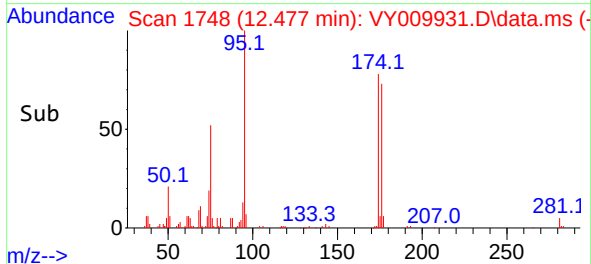
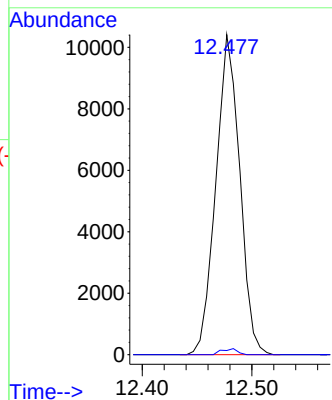
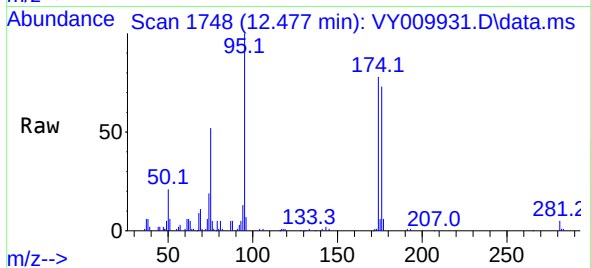




#76
1,2,3-Trichloropropane
Concen: 23.126 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

Tgt Ion: 75 Resp: 15777
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 75 Resp: 15777
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

