

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010155.D
 Acq On : 22 Aug 2022 19:42
 Operator : KP/MD
 Sample : N4270-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-4-(25-37)

Quant Time: Aug 23 00:17:34 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)

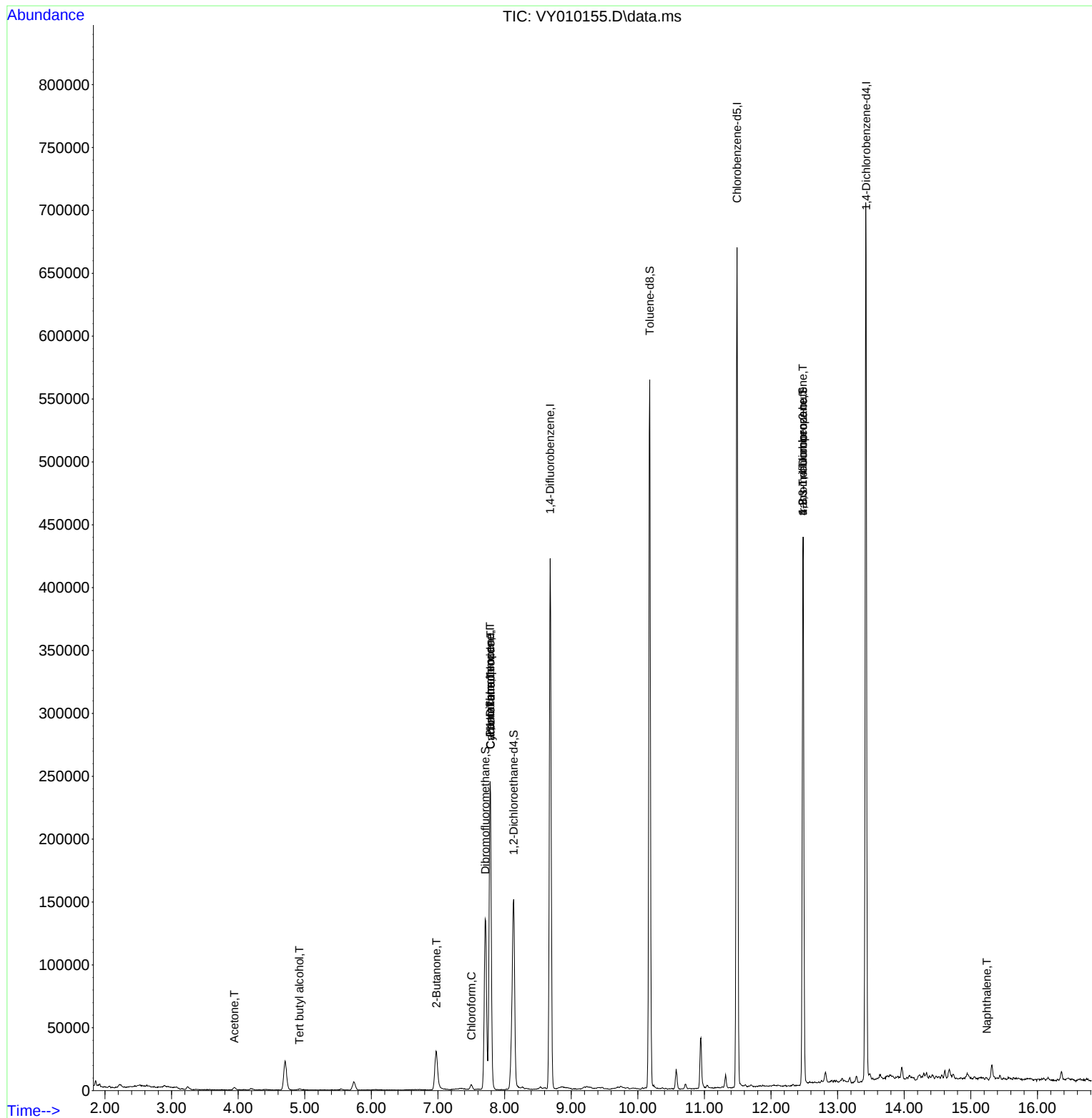
Internal Standards						
1) Pentafluorobenzene	7.782	168	199195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101461	62.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.380%	
35) Dibromofluoromethane	7.709	113	100006	48.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.178	98	375099	48.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.477	95	133486	47.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	1351	18.108	ug/l #	73
16) Acetone	3.942	43	3582	8.772	ug/l #	86
20) Methylene Chloride	4.704	84	17663	Below Cal		95
25) 2-Butanone	6.978	43	1988	3.026	ug/l #	85
30) Chloroform	7.502	83	3778	1.051	ug/l	99
31) Cyclohexane	7.789	56	3601	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	14254	4.292	ug/l #	49
38) Carbon Tetrachloride	7.789	117	18663	5.358	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	65375	37.680	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65375	75.681	ug/l #	18
95) Naphthalene	15.238	128	1373	4.068	ug/l #	50

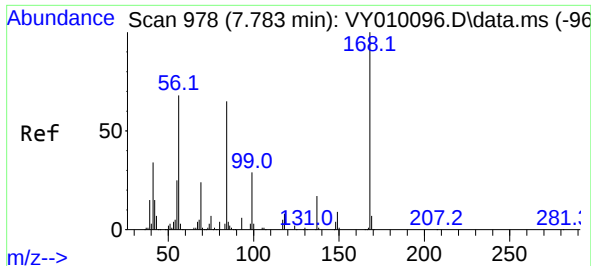
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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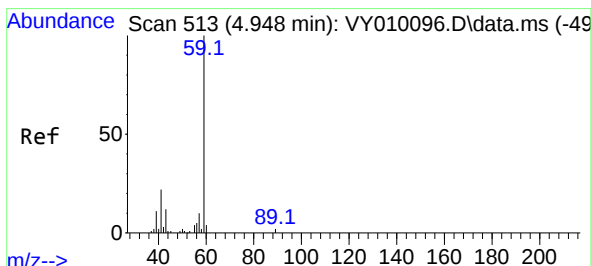
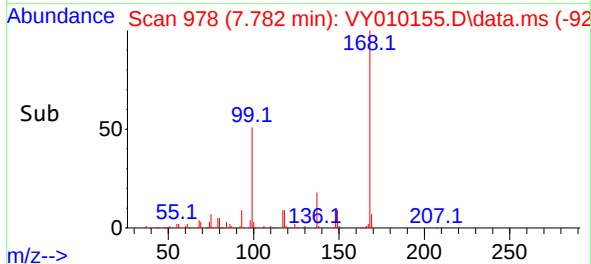
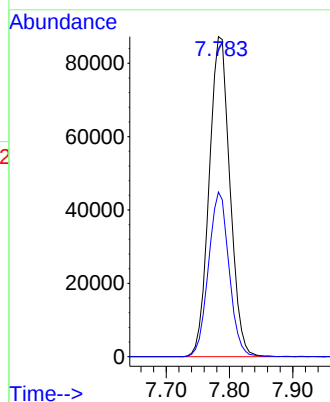
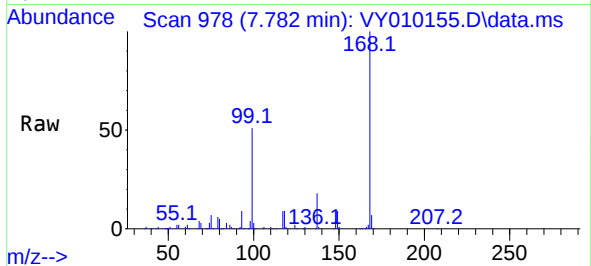




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

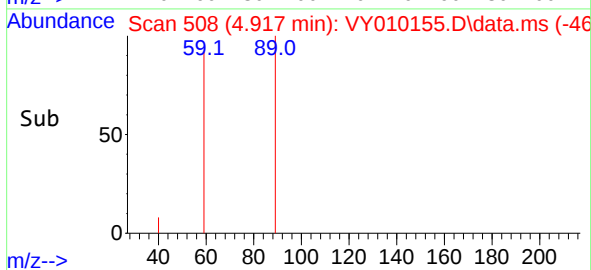
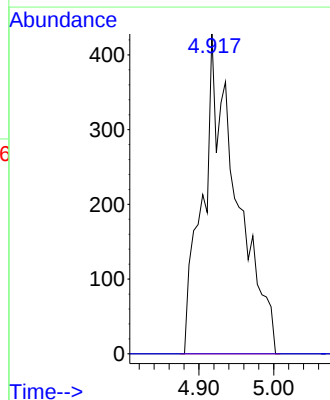
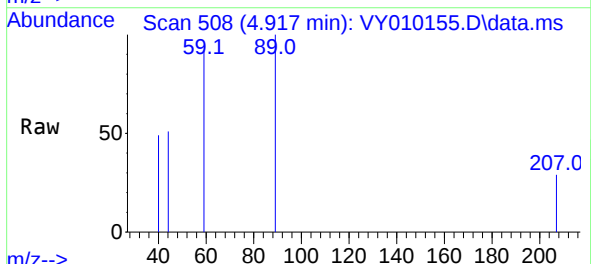
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

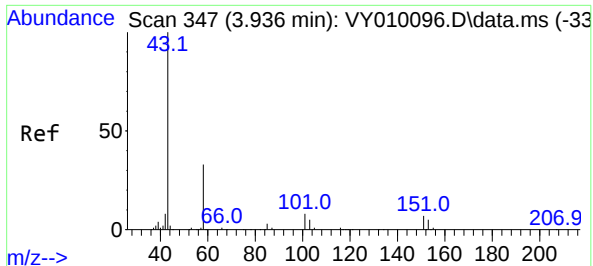
Tgt Ion:168 Resp: 199195
Ion Ratio Lower Upper
168 100
99 51.5 40.7 61.1



#11
Tert butyl alcohol
Concen: 18.108 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 59 Resp: 1351
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

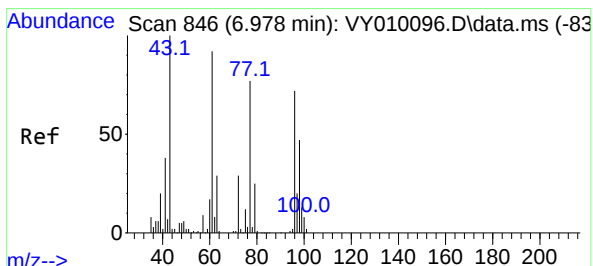
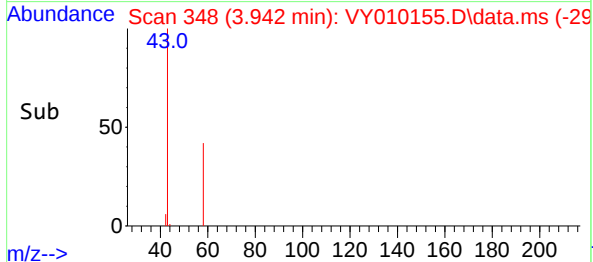
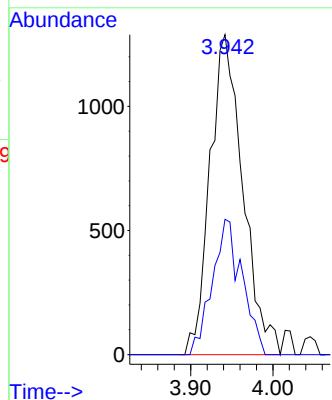
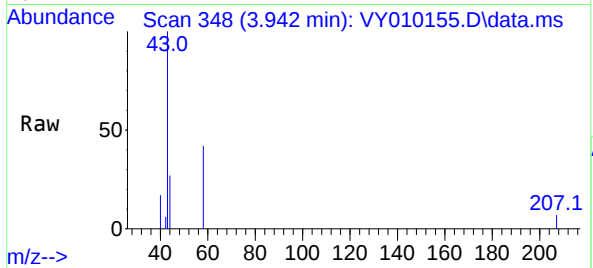




#16
Acetone
Concen: 8.772 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

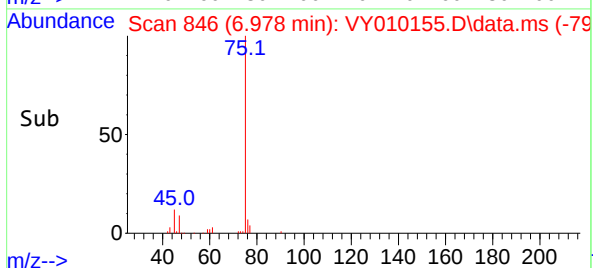
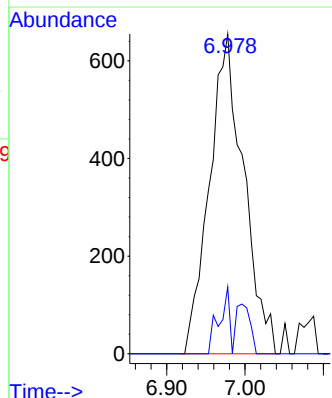
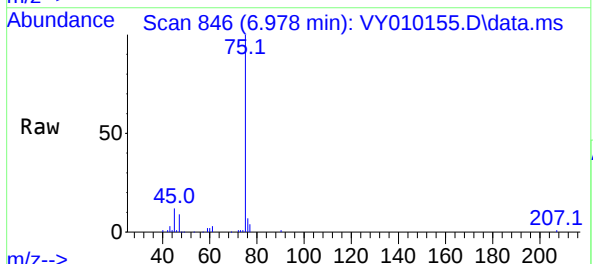
Instrument :
MSVOA_Y
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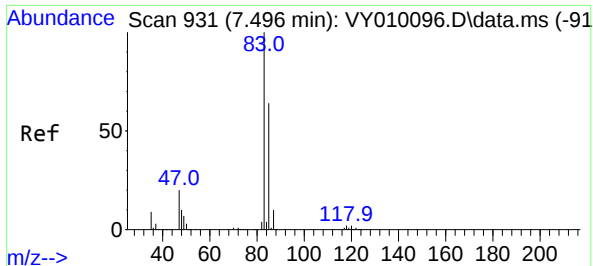
Tgt Ion: 43 Resp: 3582
Ion Ratio Lower Upper
43 100
58 42.3 27.4 41.0#



#25
2-Butanone
Concen: 3.026 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
72 20.9 23.2 34.8#

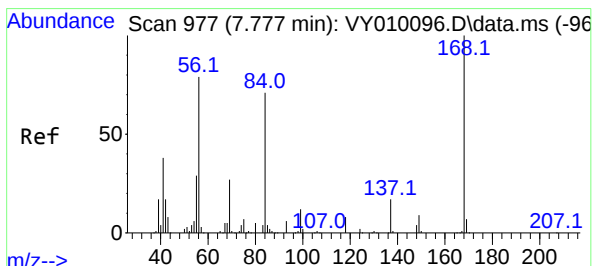
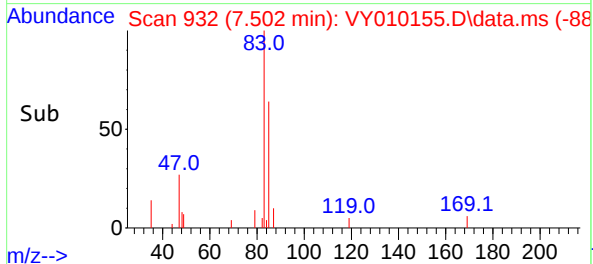
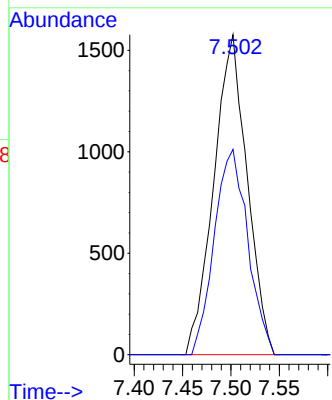
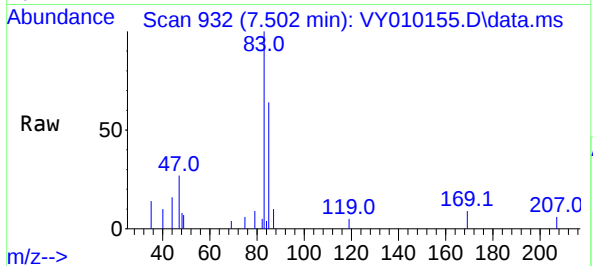




#30
Chloroform
Concen: 1.051 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

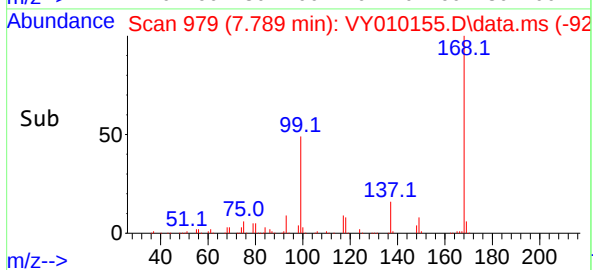
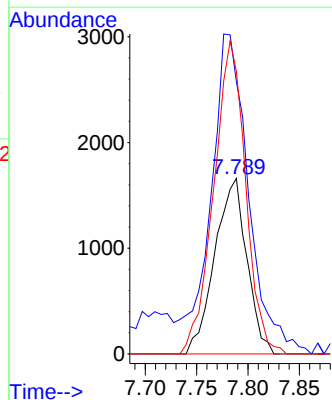
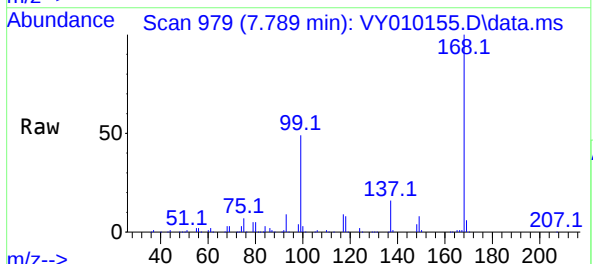
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

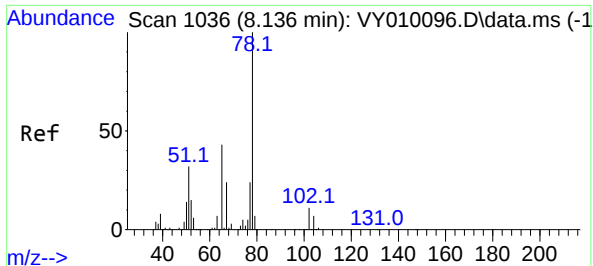
Tgt Ion: 83 Resp: 3778
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 56 Resp: 3601
Ion Ratio Lower Upper
56 100
69 139.2 27.3 40.9#
84 161.1 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 62.185 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010155.D

Acq: 22 Aug 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

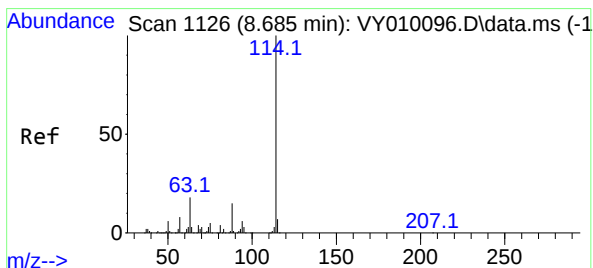
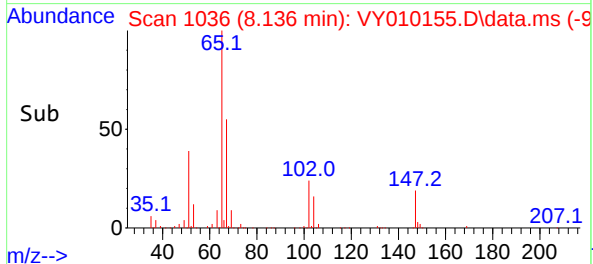
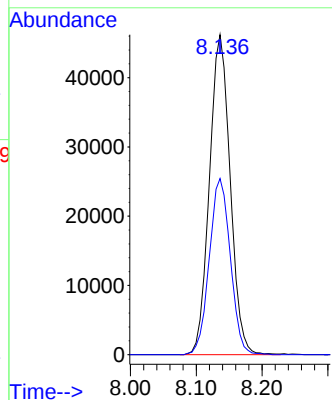
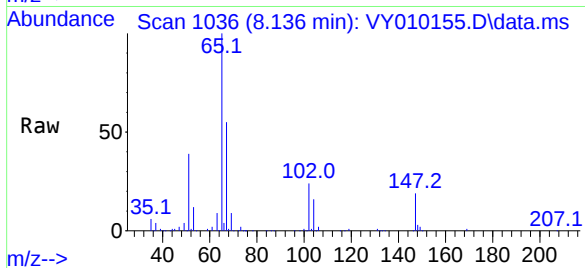
SASP2-T-4-(25-37)

Tgt Ion: 65 Resp: 101461

Ion Ratio Lower Upper

65 100

67 55.8 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: VY010155.D

Acq: 22 Aug 2022 19:42

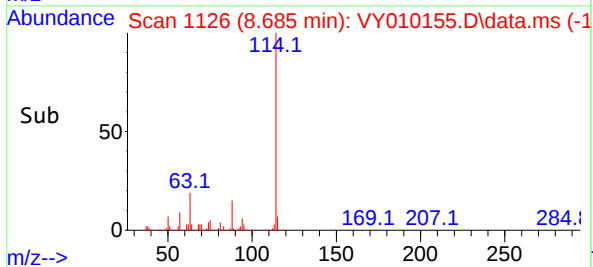
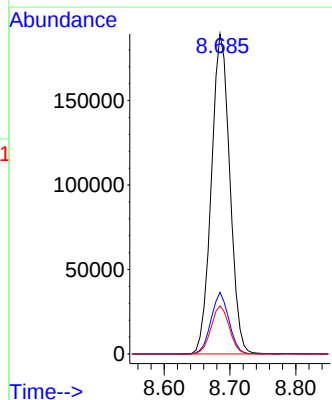
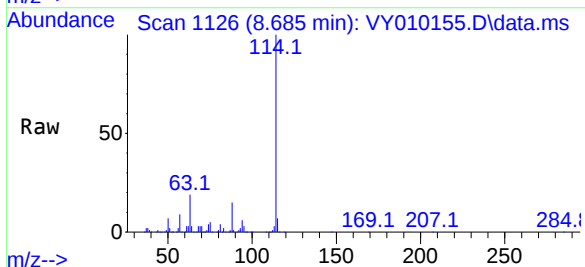
Tgt Ion:114 Resp: 369268

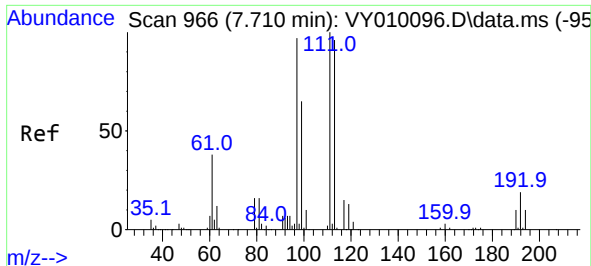
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

88 15.1 0.0 29.6

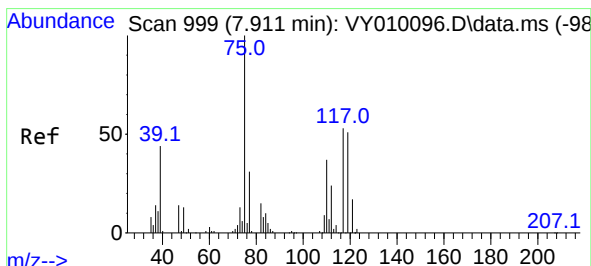
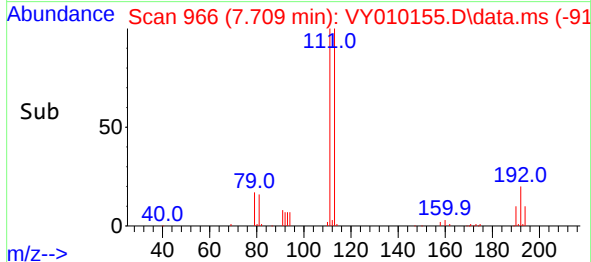
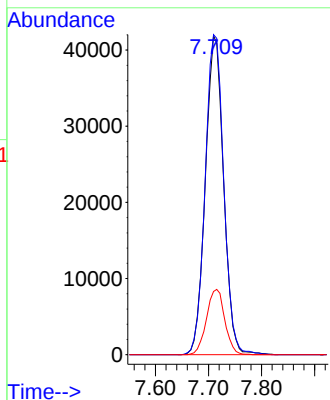
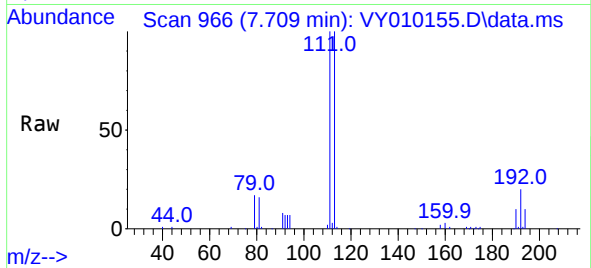




#35
Dibromofluoromethane
Concen: 48.062 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

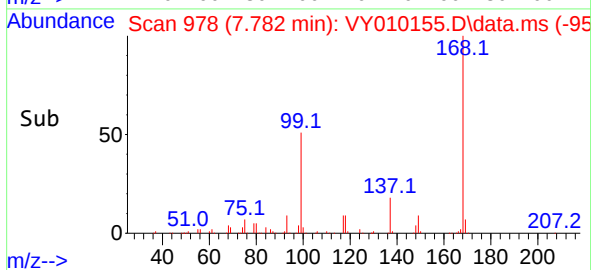
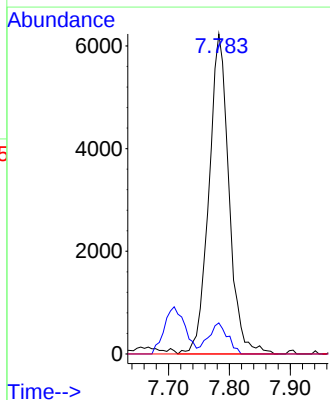
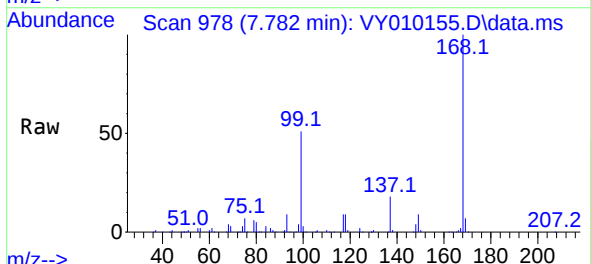
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

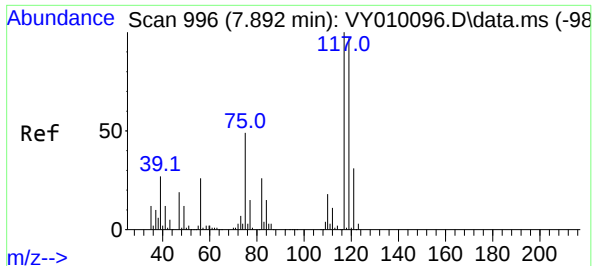
Tgt Ion:	113	Resp:	100006
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	20.6	16.3	24.5



#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion:	75	Resp:	14254
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.6	56.0#
77	0.0	24.9	37.3#

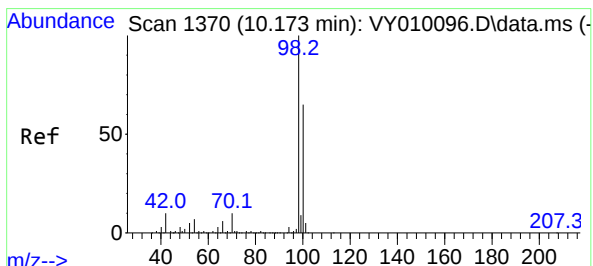
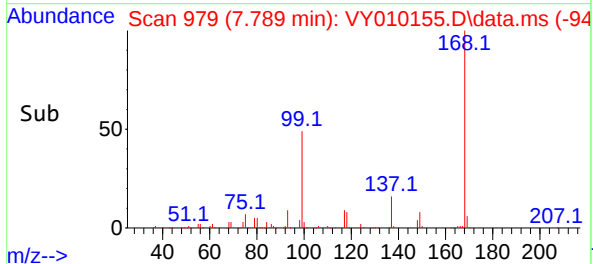
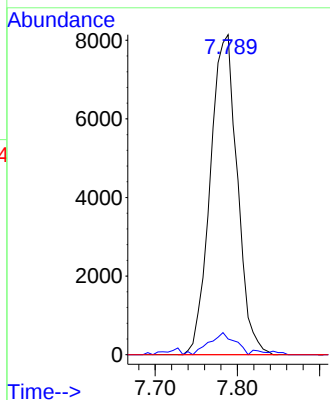
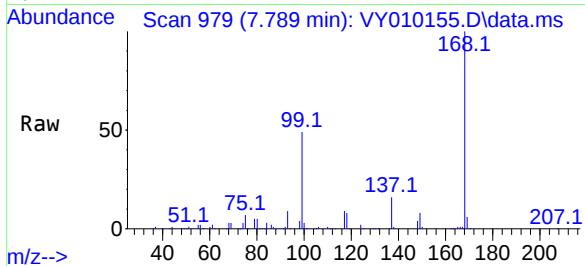




#38
Carbon Tetrachloride
Concen: 5.358 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

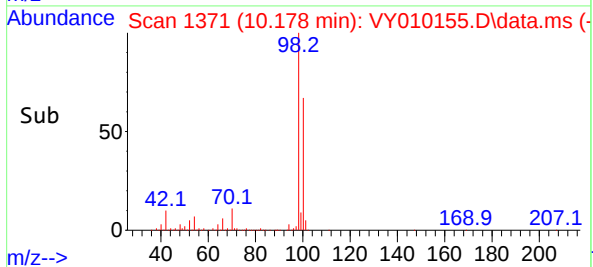
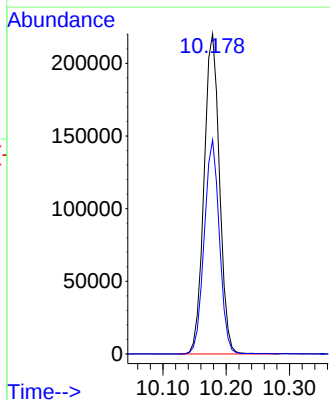
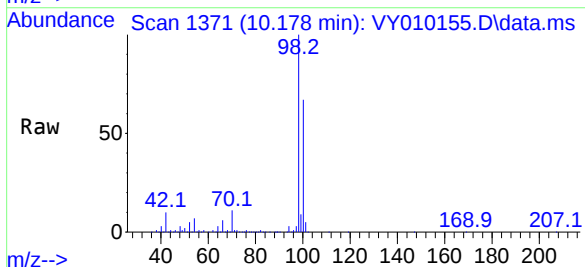
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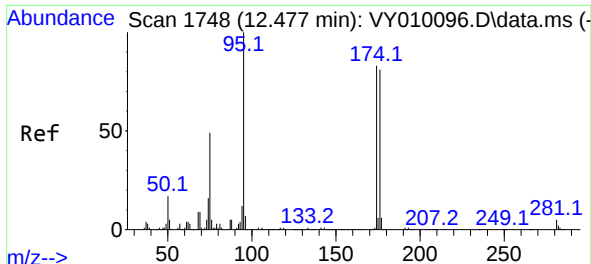
Tgt Ion:117 Resp: 18663
Ion Ratio Lower Upper
117 100
119 4.2 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 98 Resp: 375099
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

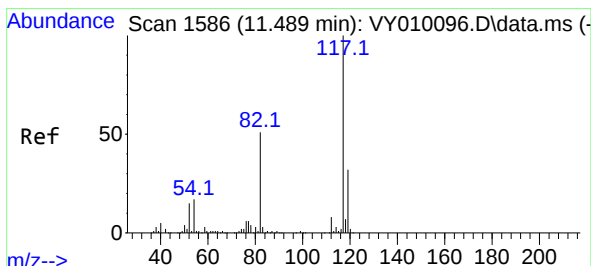
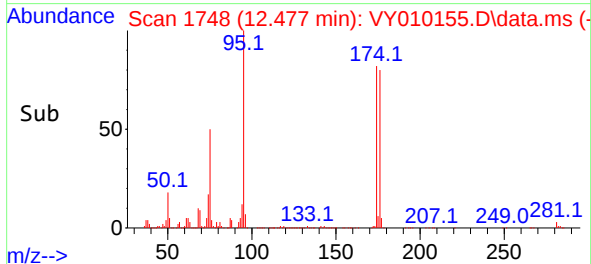
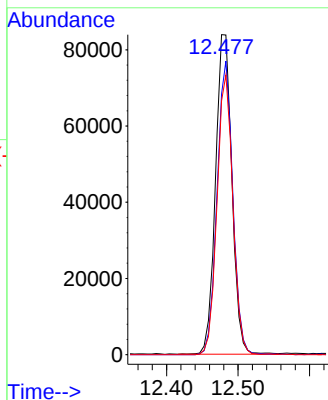
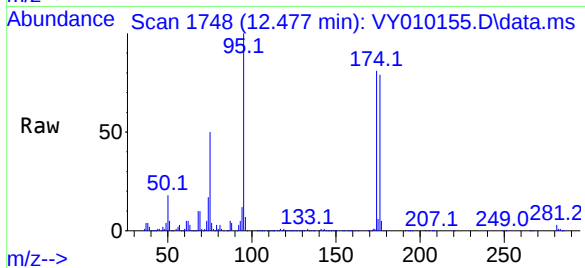




#62
4-Bromofluorobenzene
Concen: 47.918 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

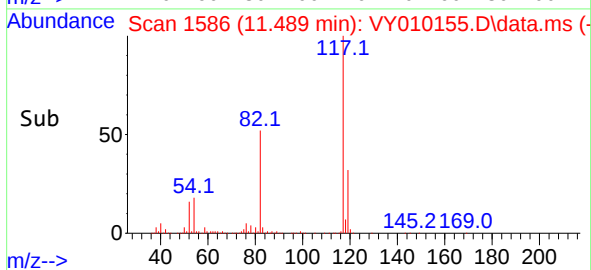
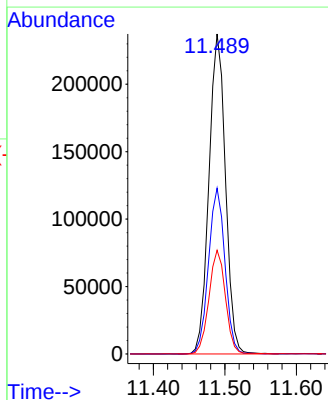
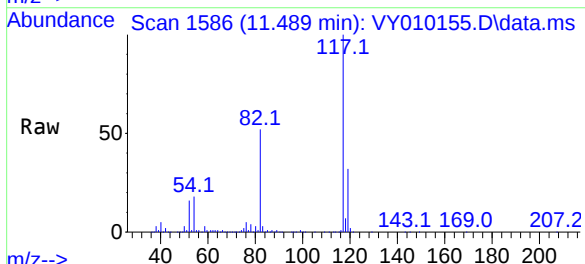
Instrument :
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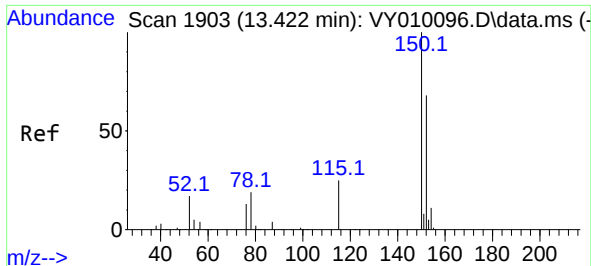
Tgt Ion:	95	Resp:	133486
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	173.8
176	84.3	0.0	167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion:	117	Resp:	380684
Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.6	61.0
119	32.3	25.8	38.8

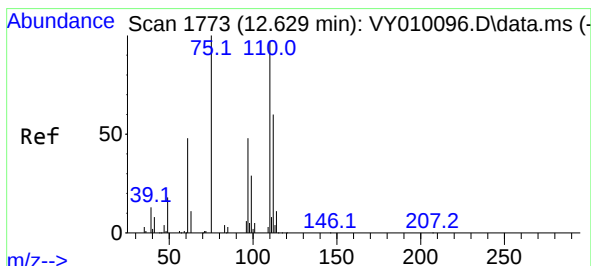
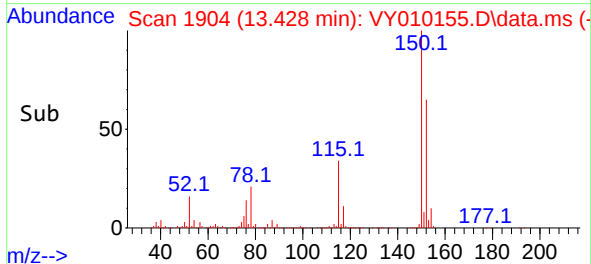
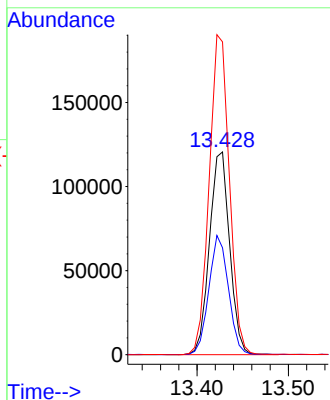
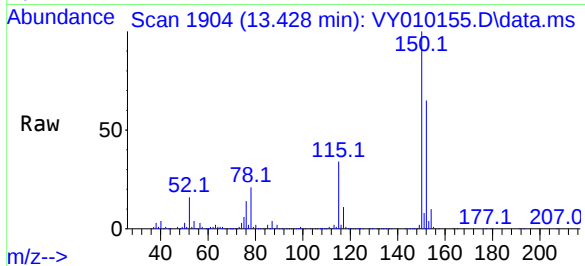




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

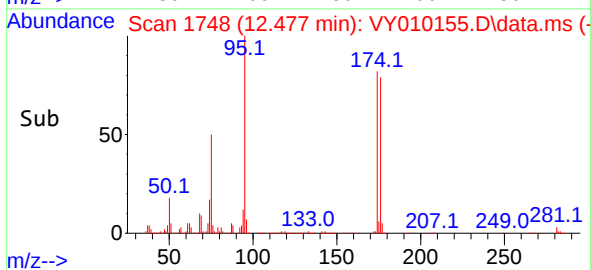
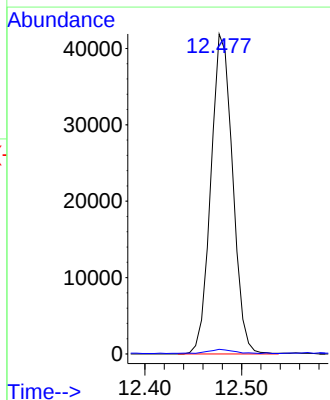
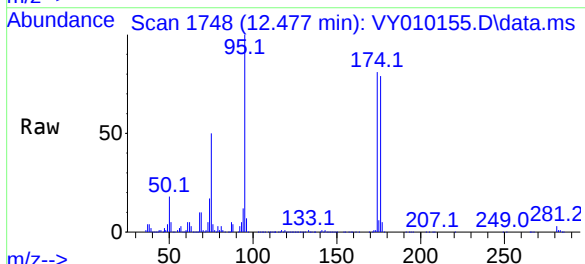
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

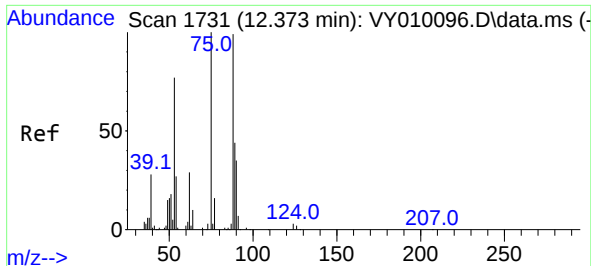
Tgt Ion:152 Resp: 185259
Ion Ratio Lower Upper
152 100
115 57.4 28.1 84.2
150 158.1 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 37.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 75 Resp: 65375
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

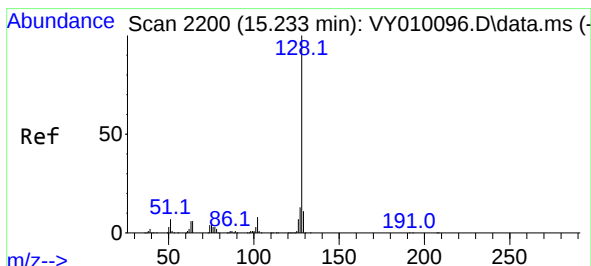
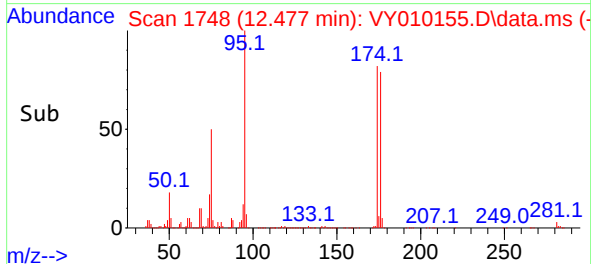
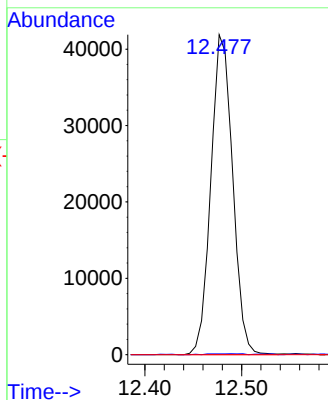
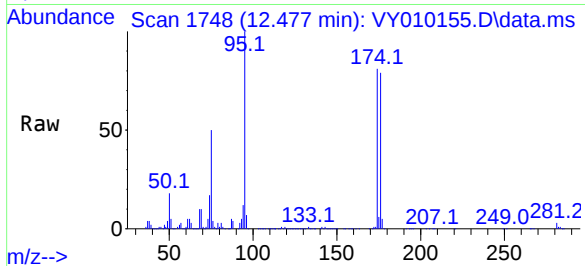




#81
trans-1,4-Dichloro-2-butene
Concen: 75.681 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

Tgt Ion: 75 Resp: 65375
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 4.068 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.005 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion:128 Resp: 1373
Ion Ratio Lower Upper
128 100
127 17.0 10.2 15.2#
129 47.1 8.9 13.3#

