

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053307.D
 Acq On : 20 Mar 2023 15:02
 Operator : JC/MD
 Sample : 01961-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2

Quant Time: Mar 21 01:31:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

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

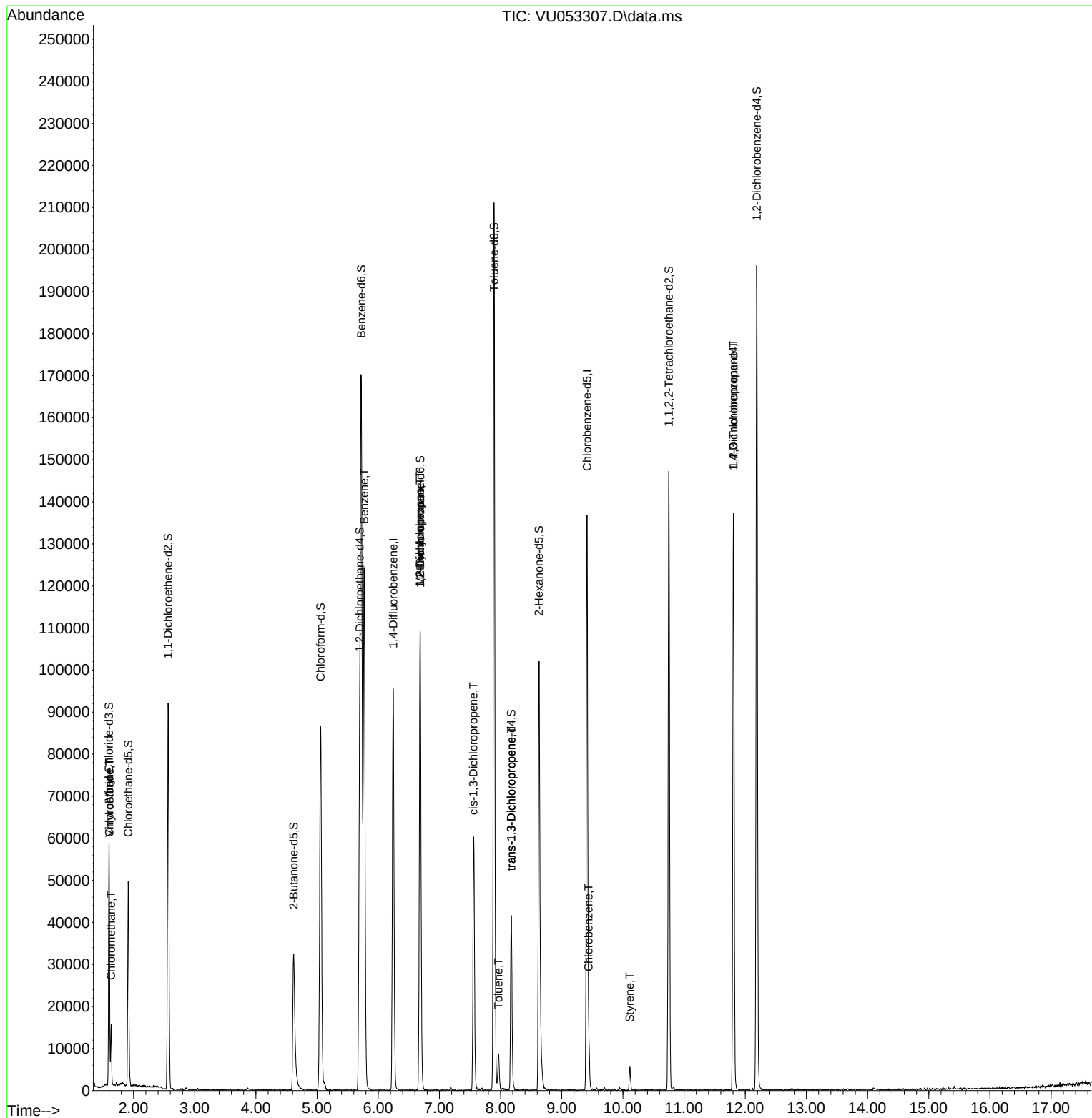
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	77305	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	71585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	33677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38161	53.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.020%			
7) Chloroethane-d5	1.912	69	34782	60.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.580%			
11) 1,1-Dichloroethene-d2	2.565	63	53955	43.672	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.340%			
21) 2-Butanone-d5	4.616	46	49524	149.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 149.720%#			
24) Chloroform-d	5.057	84	75995	64.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.400%#			
26) 1,2-Dichloroethane-d4	5.697	65	52130	71.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.920%#			
32) Benzene-d6	5.722	84	158525	68.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.540%#			
36) 1,2-Dichloropropane-d6	6.687	67	52416	69.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 139.900%#			
41) Toluene-d8	7.893	98	141949	65.664	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.320%#			
43) trans-1,3-Dichloroprop...	8.176	79	24458	66.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 132.300%#			
47) 2-Hexanone-d5	8.629	63	36421	155.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 155.460%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71933	74.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 148.200%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	47247	72.456	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 144.920%#			
Target Compounds						Qvalue
3) Chloromethane	1.633	50	1270	1.708	ug/L	83
5) Vinyl chloride	1.604	62	2854	3.509	ug/L #	55
8) Chloroethane	1.604	64	1607	3.345	ug/L	86
33) Benzene	5.771	78	118811	47.873	ug/L	100
35) Methylcyclohexane	6.684	83	12032	10.607	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	5533	7.991	ug/L #	90
39) cis-1,3-Dichloropropene	7.555	75	1541	1.355	ug/L #	69
42) Toluene	7.967	91	6708	2.514	ug/L	94
44) trans-1,3-Dichloropropene	8.176	75	1060	1.019	ug/L #	69
51) Chlorobenzene	9.439	112	4911	2.953	ug/L	96
55) Styrene	10.111	104	3030	1.628	ug/L	95
60) 1,2,3-Trichloropropane	11.806	75	5759	8.606	ug/L #	67

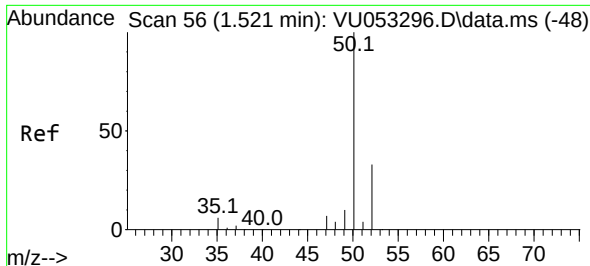
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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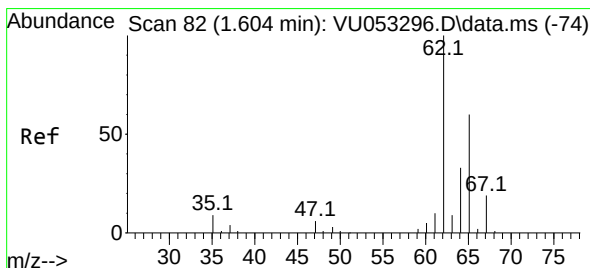
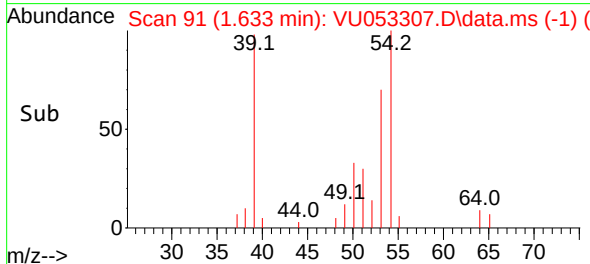
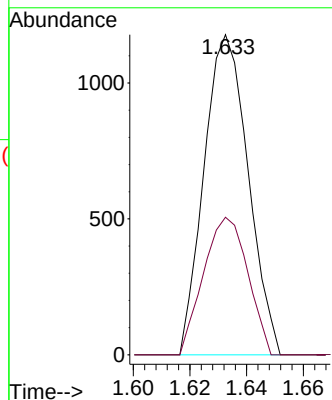
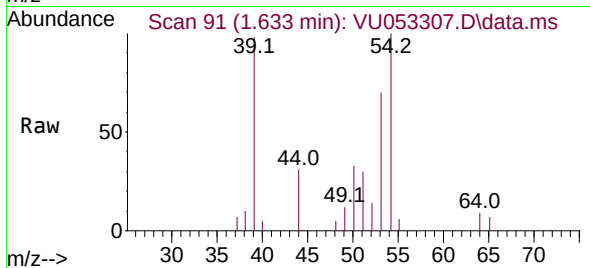




#3
Chloromethane
Concen: 1.708 ug/L
RT: 1.633 min Scan# 91
Delta R.T. 0.112 min
Lab File: VU053307.D
Acq: 20 Mar 2023 15:02

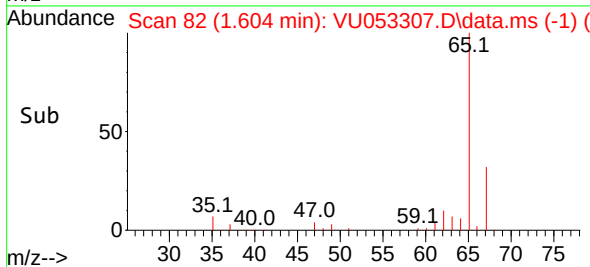
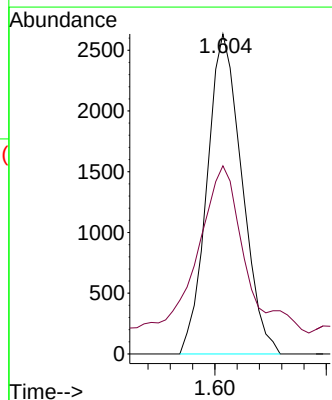
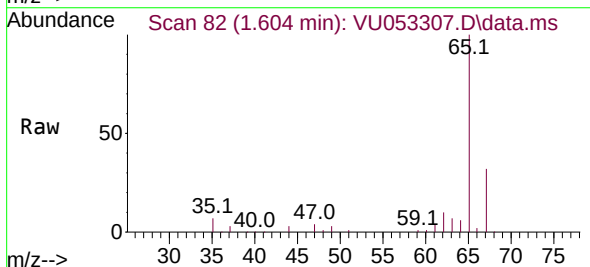
Instrument :
MSVOA_U
ClientSampleId :
EYFC2

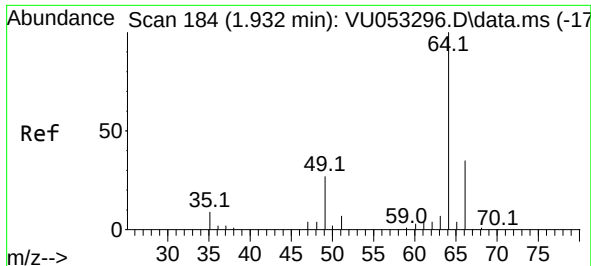
Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 43.0 23.4 43.4



#5
Vinyl chloride
Concen: 3.509 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.001 min
Lab File: VU053307.D
Acq: 20 Mar 2023 15:02

Tgt Ion: 62 Resp: 2854
Ion Ratio Lower Upper
62 100
64 58.8 23.2 43.0#





#8

Chloroethane

Concen: 3.345 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.329 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

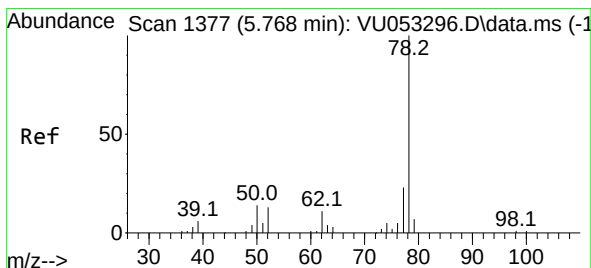
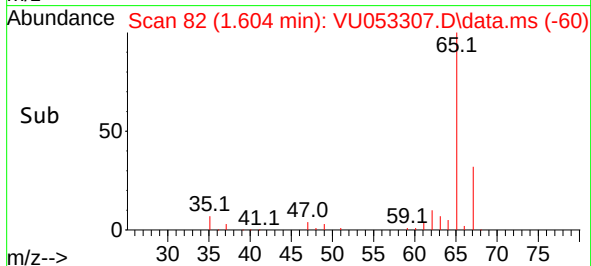
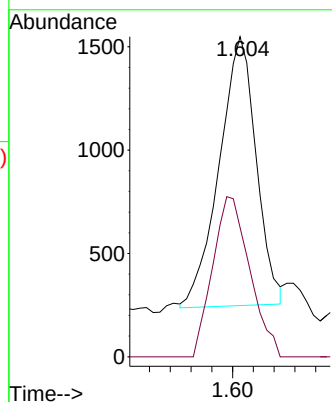
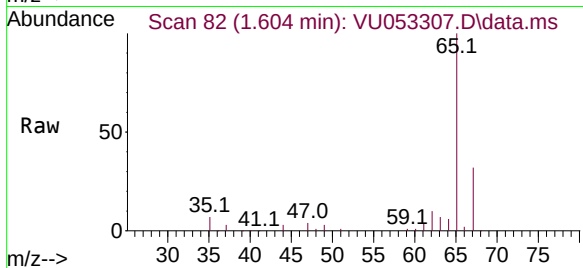
EYFC2

Tgt Ion: 64 Resp: 1607

Ion Ratio Lower Upper

64 100

66 40.4 22.6 42.0



#33

Benzene

Concen: 47.873 ug/L

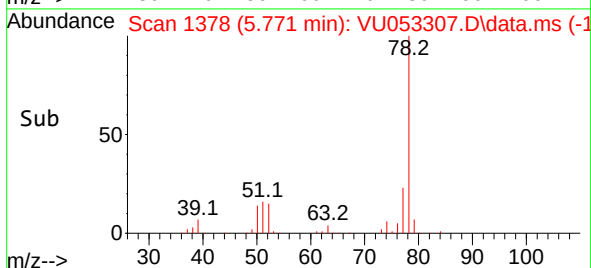
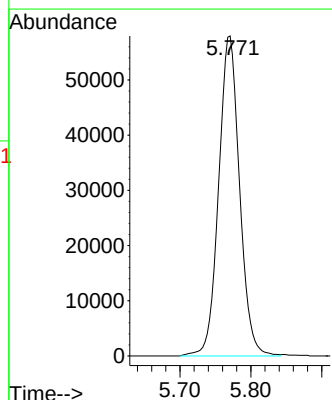
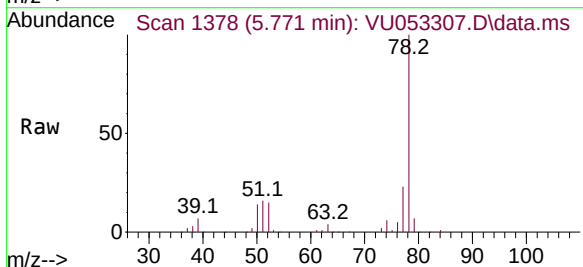
RT: 5.771 min Scan# 1378

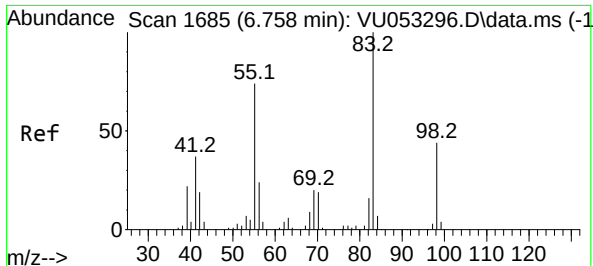
Delta R.T. 0.003 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Tgt Ion: 78 Resp: 118811





#35

Methylcyclohexane

Concen: 10.607 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.075 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

EYFC2

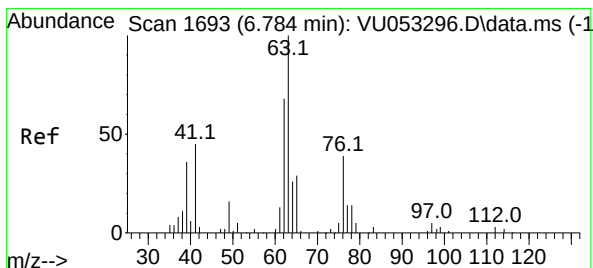
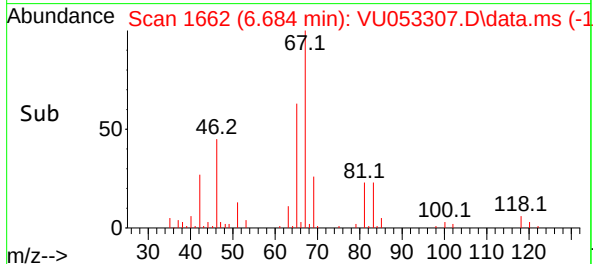
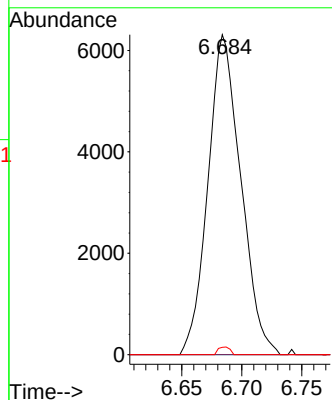
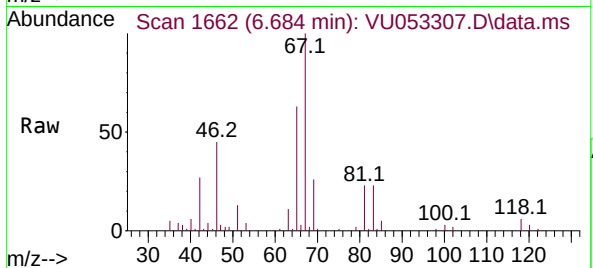
Tgt Ion: 83 Resp: 12032

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.8 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 7.991 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053307.D

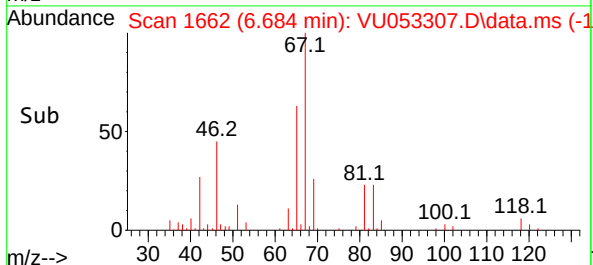
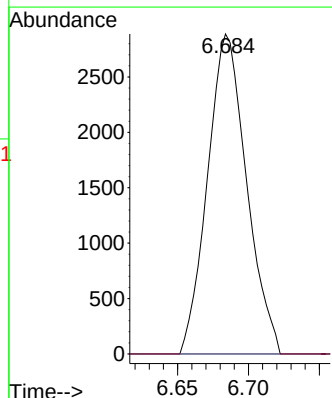
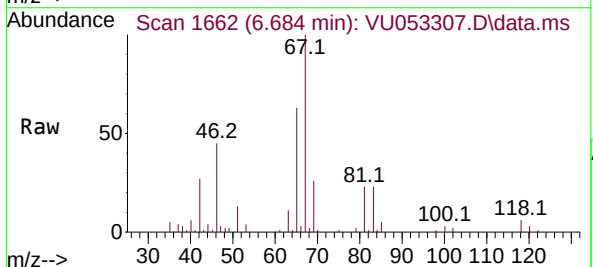
Acq: 20 Mar 2023 15:02

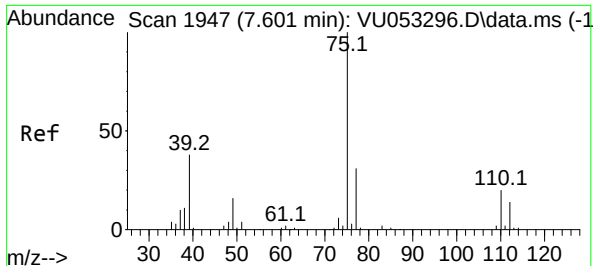
Tgt Ion: 63 Resp: 5533

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.355 ug/L

RT: 7.555 min Scan# 1947

Delta R.T. -0.046 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

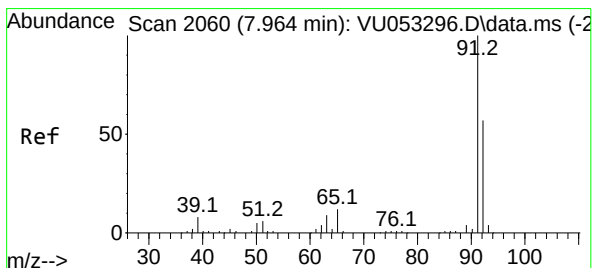
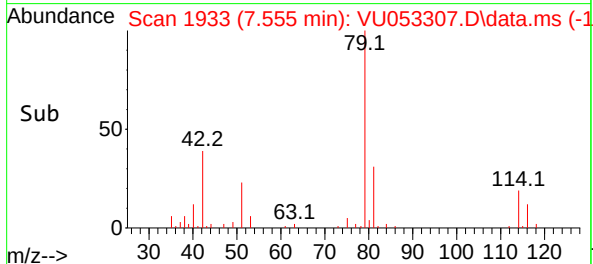
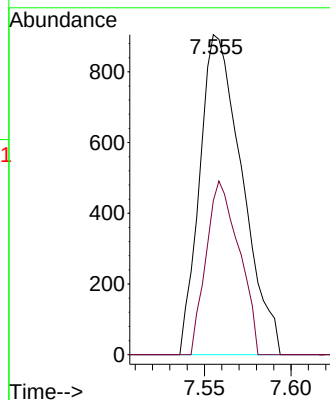
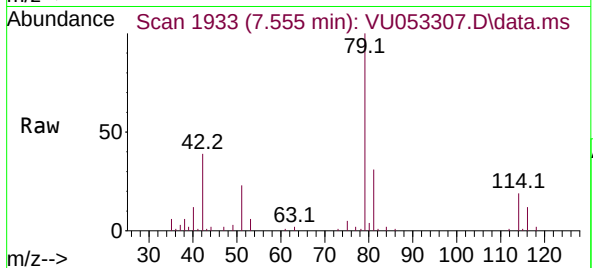
EYFC2

Tgt Ion: 75 Resp: 1541

Ion Ratio Lower Upper

75 100

77 48.2 21.9 40.7#



#42

Toluene

Concen: 2.514 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053307.D

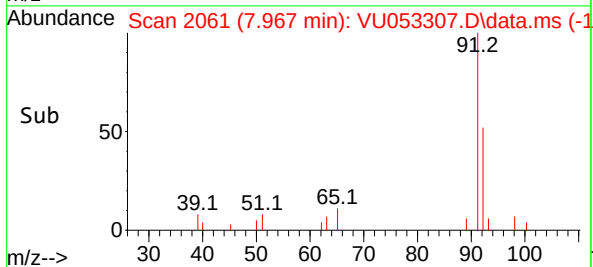
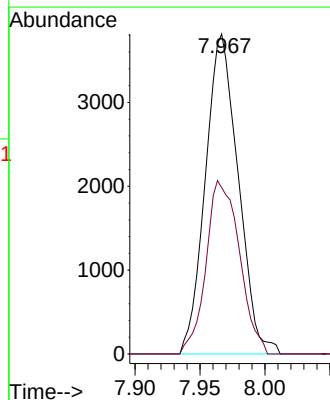
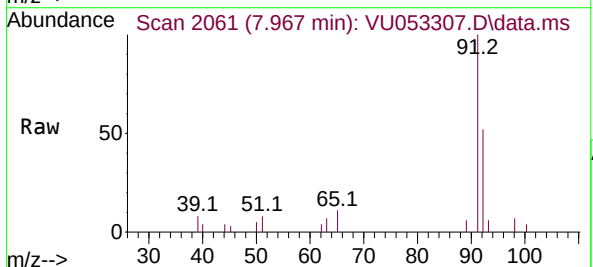
Acq: 20 Mar 2023 15:02

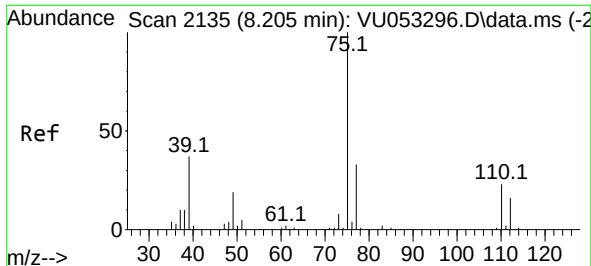
Tgt Ion: 91 Resp: 6708

Ion Ratio Lower Upper

91 100

92 52.0 39.6 73.6

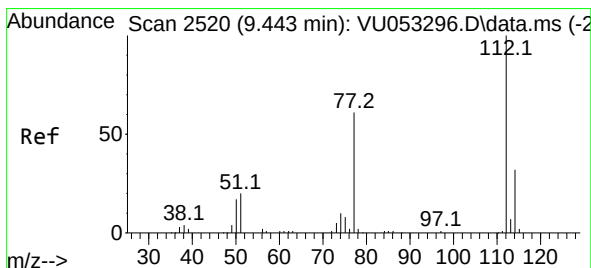
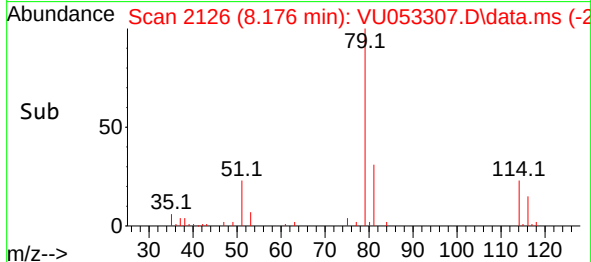
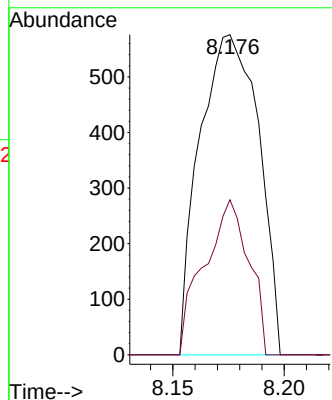
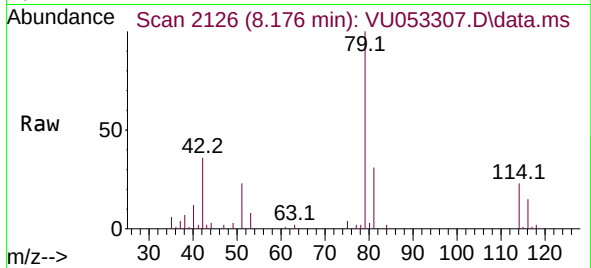




#44
trans-1,3-Dichloropropene
Concen: 1.019 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.030 min
Lab File: VU053307.D
Acq: 20 Mar 2023 15:02

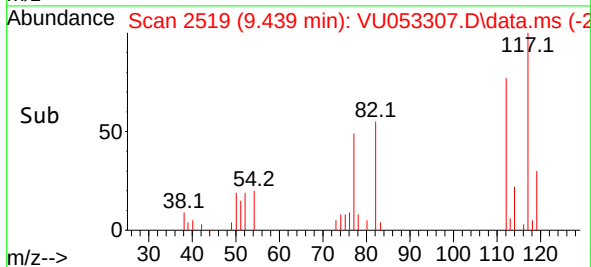
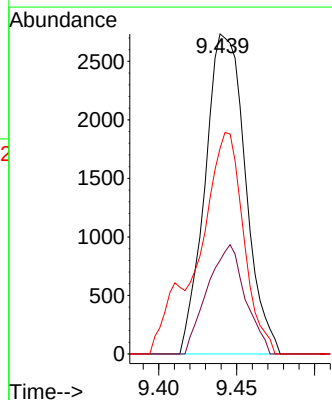
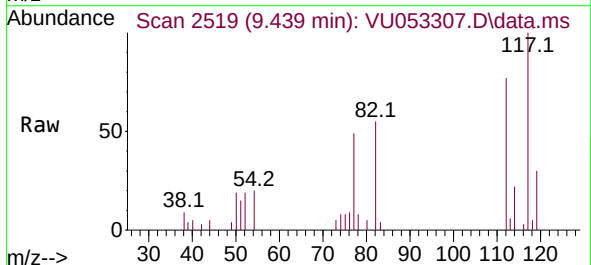
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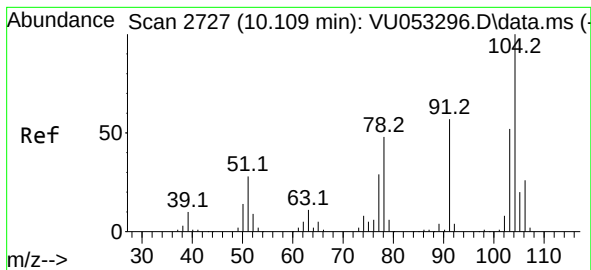
Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
77 48.4 22.0 40.8#



#51
Chlorobenzene
Concen: 2.953 ug/L
RT: 9.439 min Scan# 2519
Delta R.T. -0.004 min
Lab File: VU053307.D
Acq: 20 Mar 2023 15:02

Tgt Ion: 112 Resp: 4911
Ion Ratio Lower Upper
112 100
114 29.3 21.8 40.6
77 64.3 48.8 73.2





#55

Styrene

Concen: 1.628 ug/L

RT: 10.111 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

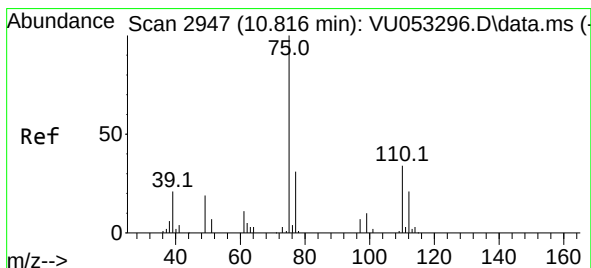
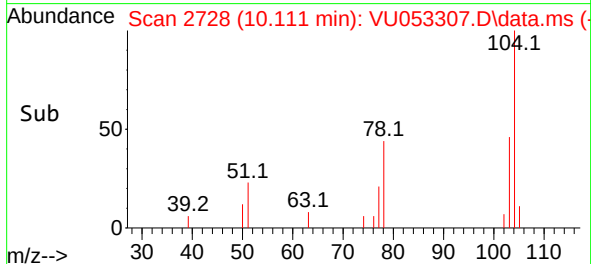
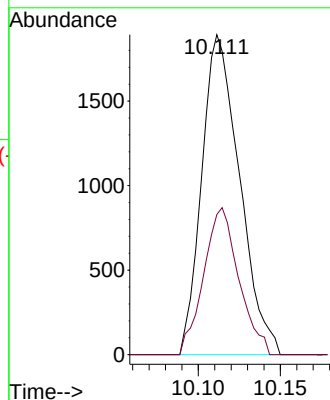
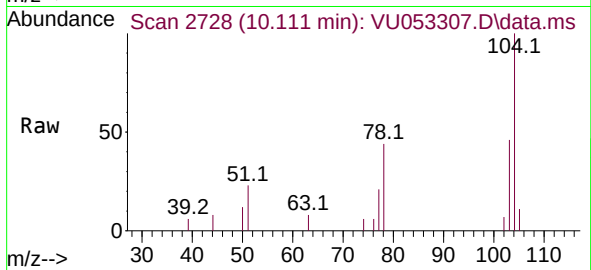
EYFC2

Tgt Ion:104 Resp: 3030

Ion Ratio Lower Upper

104 100

78 43.8 32.9 61.1



#60

1,2,3-Trichloropropane

Concen: 8.606 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Tgt Ion: 75 Resp: 5759

Ion Ratio Lower Upper

75 100

77 31.2 26.6 40.0

110 0.0 28.6 42.8#

