

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053286.D
 Acq On : 17 Mar 2023 23:09
 Operator : JC/MD
 Sample : 01961-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG8

Quant Time: Mar 18 04:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

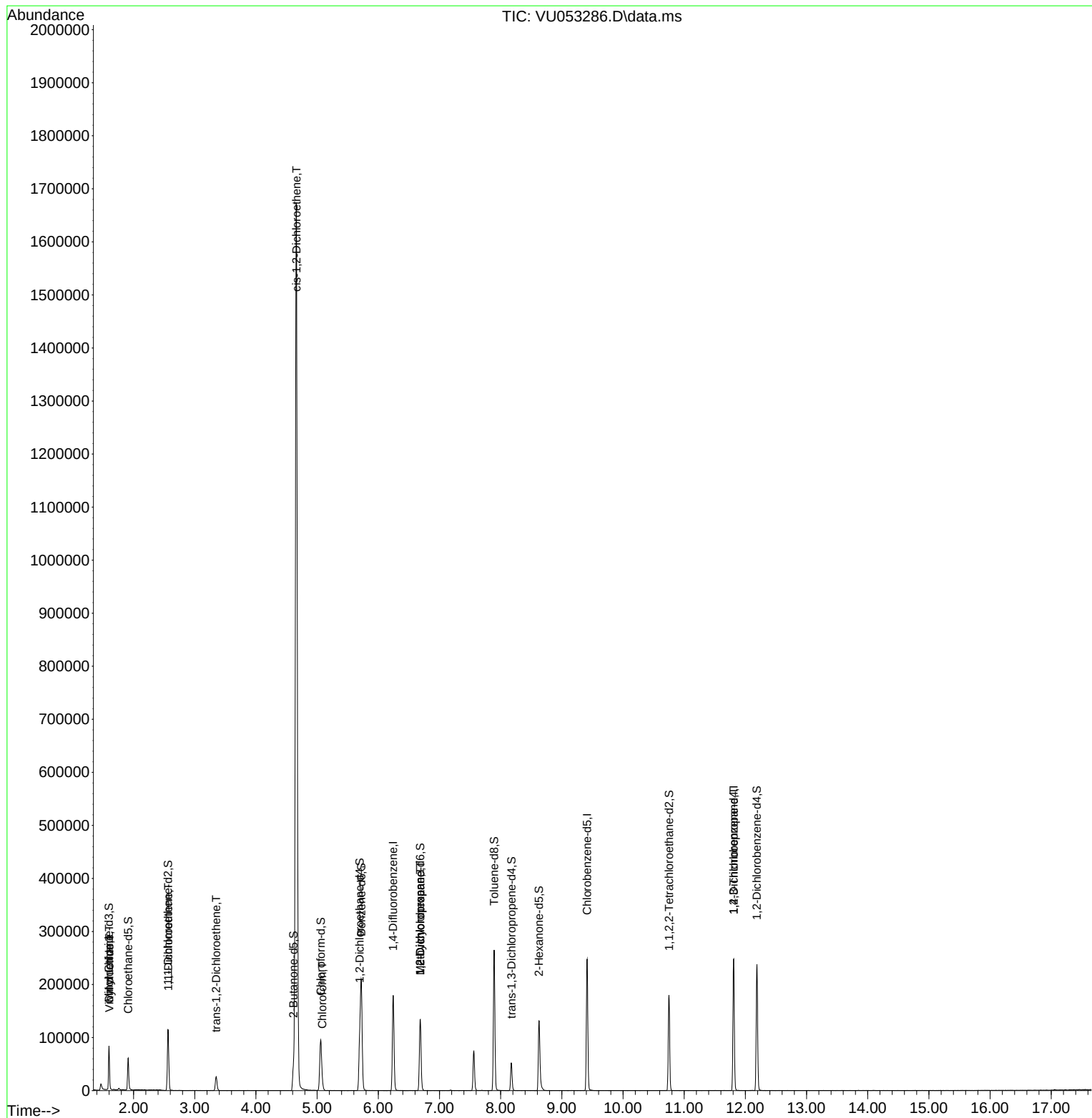
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	139715	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51850	40.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.460%		
7) Chloroethane-d5	1.913	69	44006	42.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.420%		
11) 1,1-Dichloroethene-d2	2.562	63	67656	30.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.600%		
21) 2-Butanone-d5	4.613	46	65325	109.272	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.270%		
24) Chloroform-d	5.060	84	81301	38.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.600%		
26) 1,2-Dichloroethane-d4	5.697	65	63929	48.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.980%		
32) Benzene-d6	5.723	84	193157	46.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	6.684	67	65639	48.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.080%		
41) Toluene-d8	7.893	98	175245	44.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.840%		
43) trans-1,3-Dichloroprop...	8.176	79	29673	44.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.940%		
47) 2-Hexanone-d5	8.626	63	47352	112.003	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.000%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87706	50.067	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.140%		
66) 1,2-Dichlorobenzene-d4	12.189	152	55824	48.177	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.360%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	5197	3.535	ug/L #	61
8) Chloroethane	1.601	64	2294	2.642	ug/L	87
12) 1,1-Dichloroethene	2.568	96	749	0.730	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	10870	10.441	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	817112	668.233	ug/L	98
25) Chloroform	5.083	83	9836	4.625	ug/L	95
35) Methylcyclohexane	6.684	83	14101	6.889	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	7132	5.708	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	9272	7.797	ug/L #	68

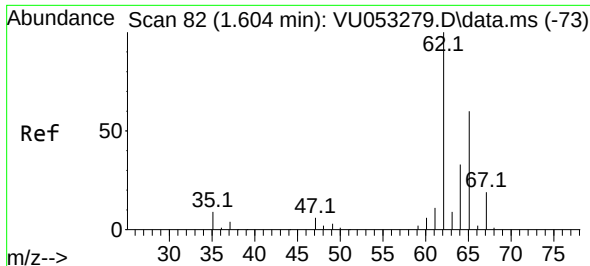
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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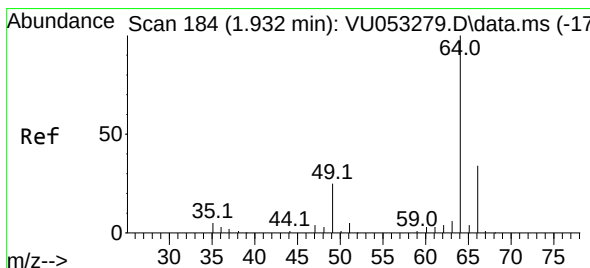
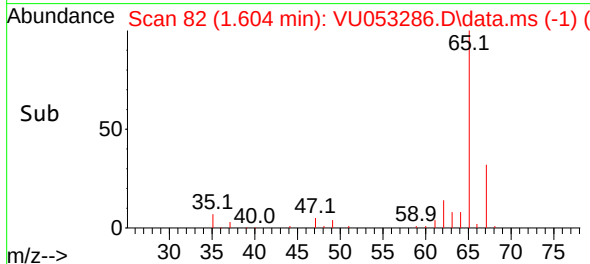
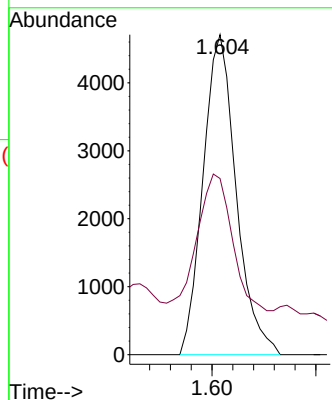
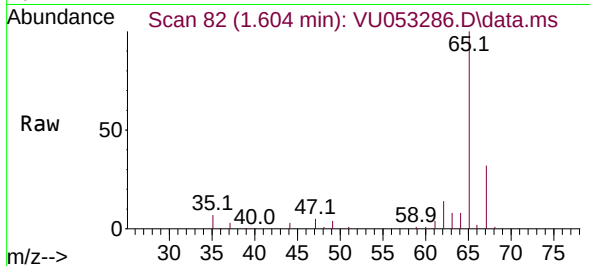




#5
 Vinyl chloride
 Concen: 3.535 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053286.D
 Acq: 17 Mar 2023 23:09

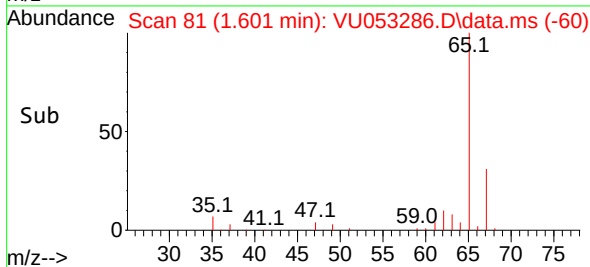
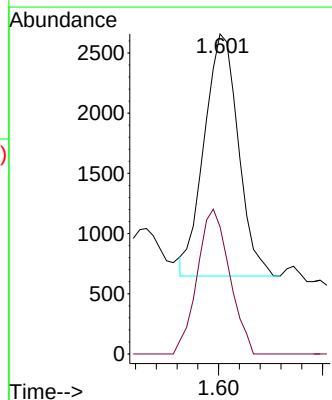
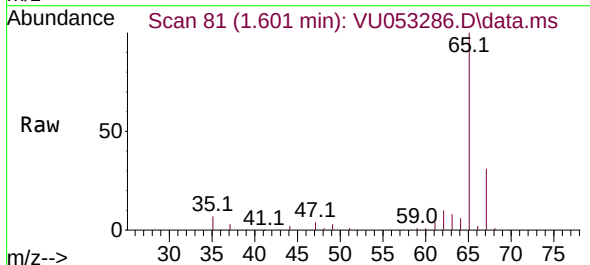
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG8

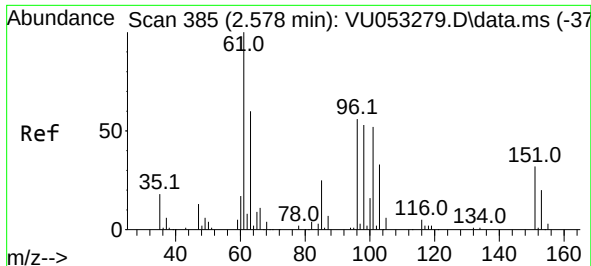
Tgt Ion: 62 Resp: 5197
 Ion Ratio Lower Upper
 62 100
 64 55.1 23.2 43.0#



#8
 Chloroethane
 Concen: 2.642 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.331 min
 Lab File: VU053286.D
 Acq: 17 Mar 2023 23:09

Tgt Ion: 64 Resp: 2294
 Ion Ratio Lower Upper
 64 100
 66 39.7 22.6 42.0





#12

1,1-Dichloroethene

Concen: 0.730 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU053286.D

Acq: 17 Mar 2023 23:09

Instrument :

MSVOA_U

ClientSampleId :

EYFG8

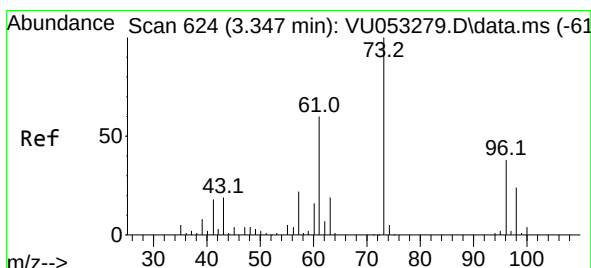
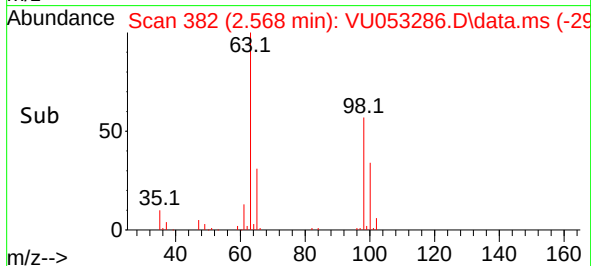
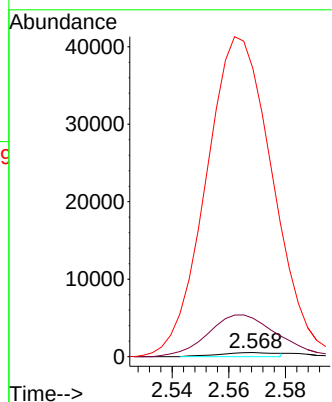
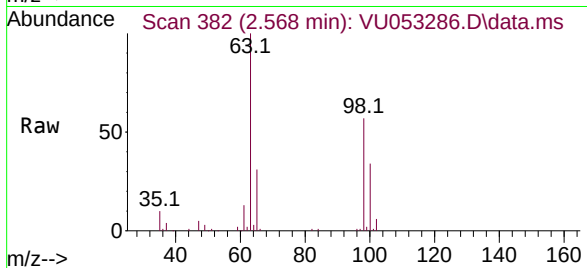
Tgt Ion: 96 Resp: 749

Ion Ratio Lower Upper

96 100

61 942.2 122.2 226.9#

63 7032.1 89.9 166.9#



#17

trans-1,2-Dichloroethene

Concen: 10.441 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.003 min

Lab File: VU053286.D

Acq: 17 Mar 2023 23:09

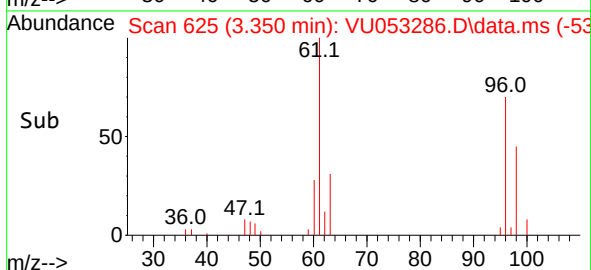
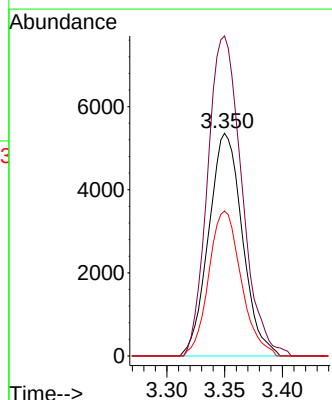
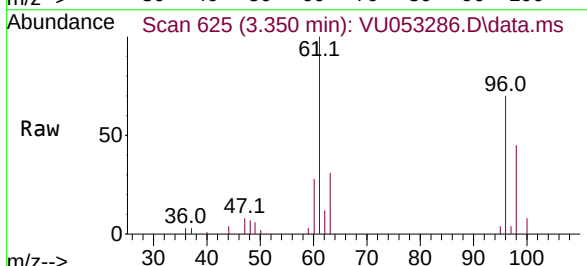
Tgt Ion: 96 Resp: 10870

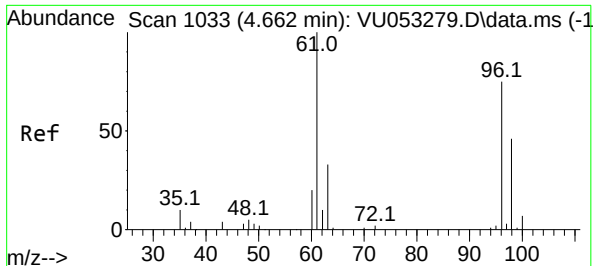
Ion Ratio Lower Upper

96 100

61 143.7 99.6 185.0

98 65.1 45.5 84.5





#20

cis-1,2-Dichloroethene

Concen: 668.233 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU053286.D

Acq: 17 Mar 2023 23:09

Instrument :

MSVOA_U

ClientSampleId :

EYFG8

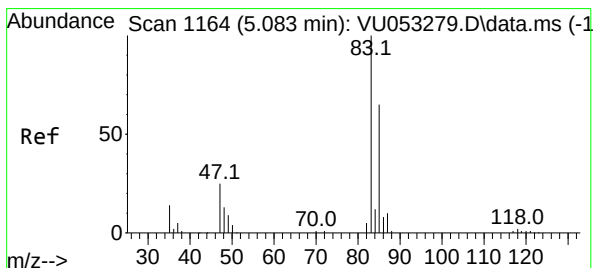
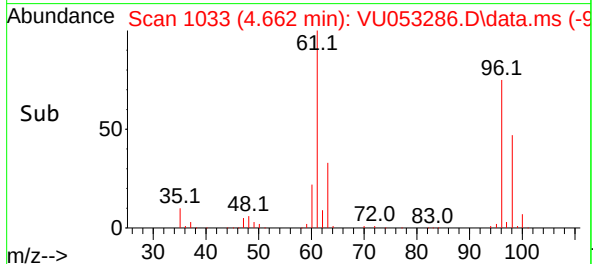
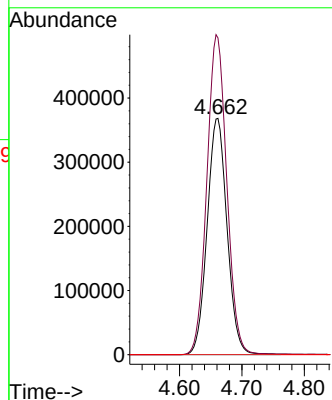
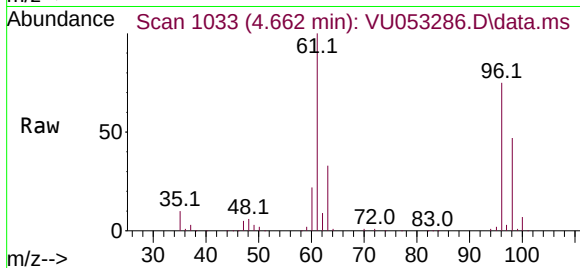
Tgt Ion: 96 Resp: 817112

Ion Ratio Lower Upper

96 100

61 134.1 92.5 171.7

68 0.0 0.0 0.0



#25

Chloroform

Concen: 4.625 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053286.D

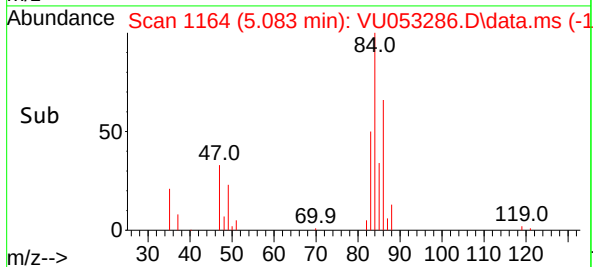
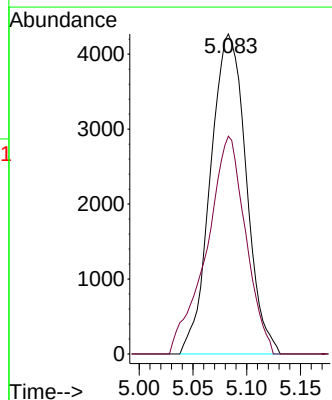
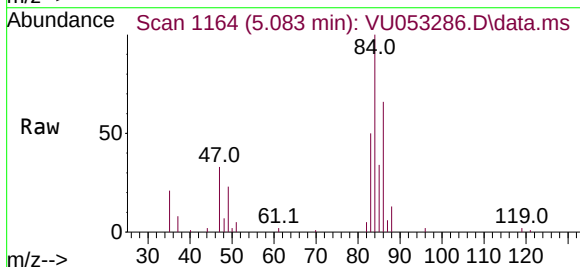
Acq: 17 Mar 2023 23:09

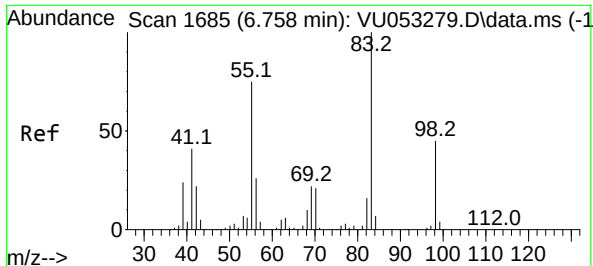
Tgt Ion: 83 Resp: 9836

Ion Ratio Lower Upper

83 100

85 68.1 44.9 83.3

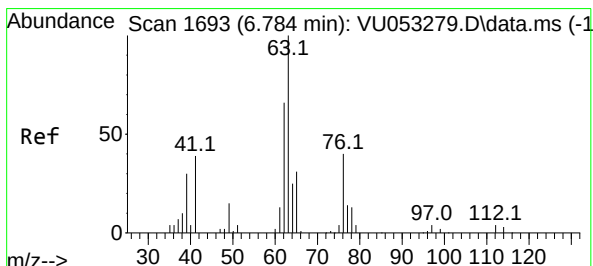
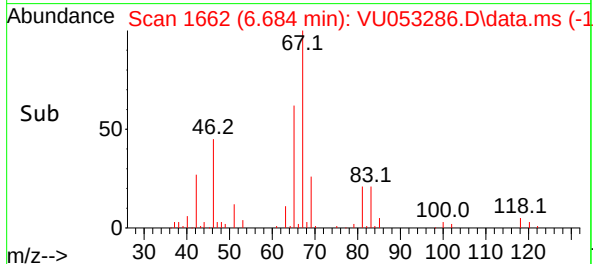
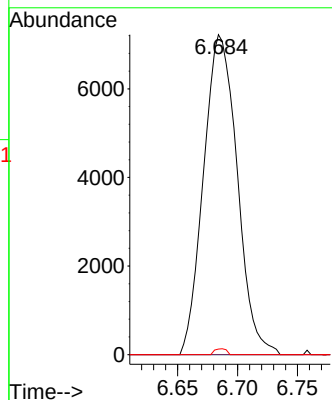
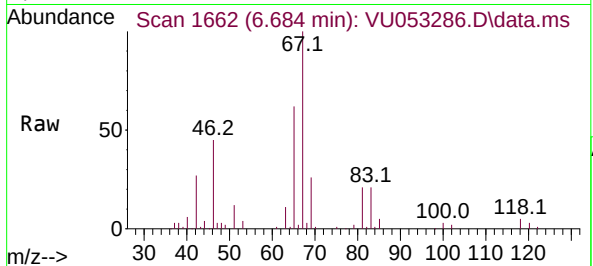




#35
Methylcyclohexane
Concen: 6.889 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053286.D
Acq: 17 Mar 2023 23:09

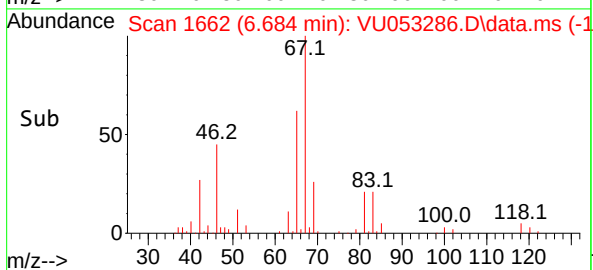
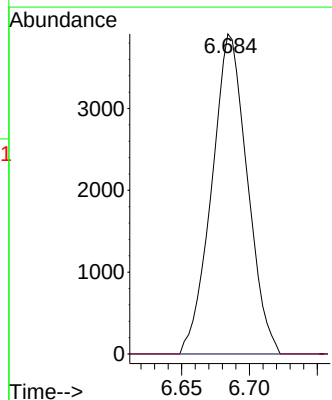
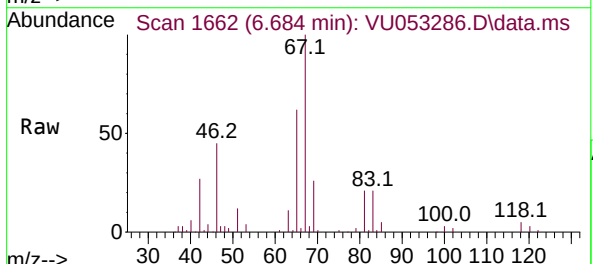
Instrument :
MSVOA_U
ClientSampleId :
EYFG8

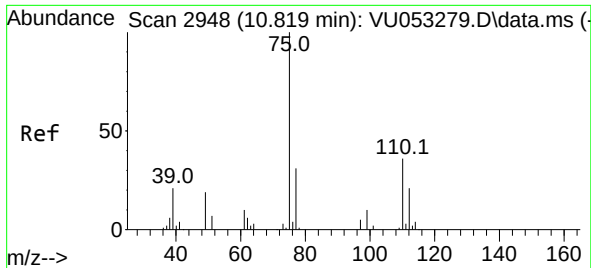
Tgt Ion: 83 Resp: 14101
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.6 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 5.708 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053286.D
Acq: 17 Mar 2023 23:09

Tgt Ion: 63 Resp: 7132
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.797 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053286.D
 Acq: 17 Mar 2023 23:09

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG8

Tgt Ion: 75 Resp: 9272
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.6 40.0
 110 1.8 28.6 42.8#

