

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053285.D
 Acq On : 17 Mar 2023 22:45
 Operator : JC/MD
 Sample : 01961-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG7

Quant Time: Mar 18 04:59:12 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)

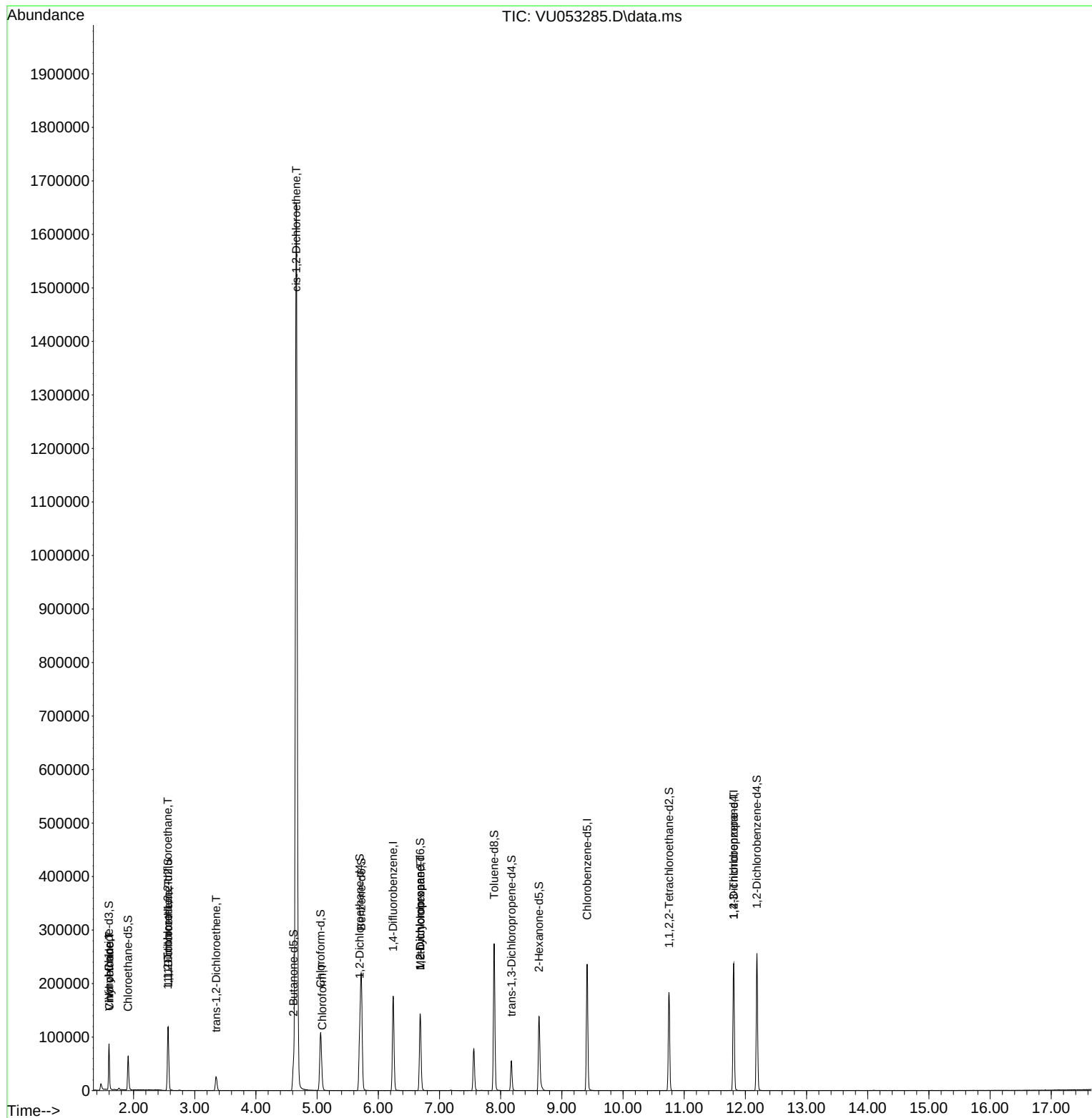
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	134936	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	124138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57088	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53320	42.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.660%		
7) Chloroethane-d5	1.909	69	46223	45.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.800%		
11) 1,1-Dichloroethene-d2	2.562	63	69420	32.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.380%		
21) 2-Butanone-d5	4.613	46	66083	114.455	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.450%		
24) Chloroform-d	5.057	84	92574	45.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.300%		
26) 1,2-Dichloroethane-d4	5.697	65	66445	52.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.360%		
32) Benzene-d6	5.722	84	205008	50.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.840%		
36) 1,2-Dichloropropane-d6	6.684	67	69369	53.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.760%		
41) Toluene-d8	7.893	98	181170	48.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.660%		
43) trans-1,3-Dichloroprop...	8.176	79	30842	48.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.200%		
47) 2-Hexanone-d5	8.626	63	50051	123.194	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	123.190%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91196	54.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.340%		
66) 1,2-Dichlorobenzene-d4	12.188	152	58077	52.540	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	5359	3.775	ug/L #	69
8) Chloroethane	1.604	64	2607	3.109	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	715	0.667	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	1001	1.010	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	10560	10.503	ug/L	86
20) cis-1,2-Dichloroethene	4.658	96	806309	682.752	ug/L	96
25) Chloroform	5.083	83	5417	2.638	ug/L	91
35) Methylcyclohexane	6.687	83	14163	7.200	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	7591	6.322	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	9405	8.291	ug/L #	67

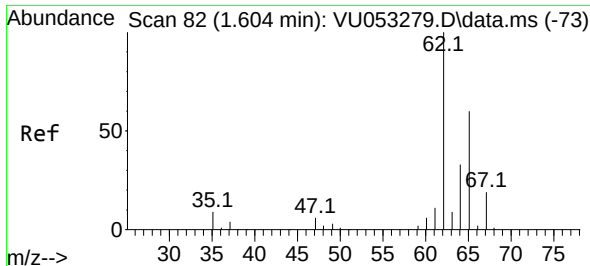
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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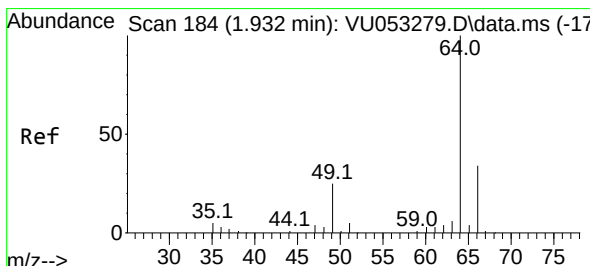
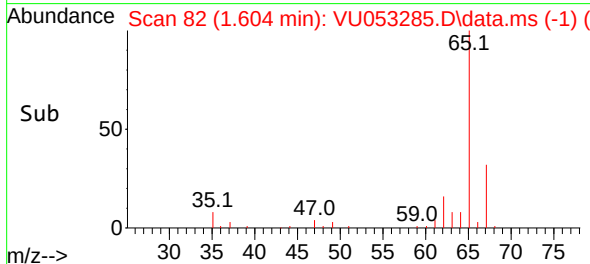
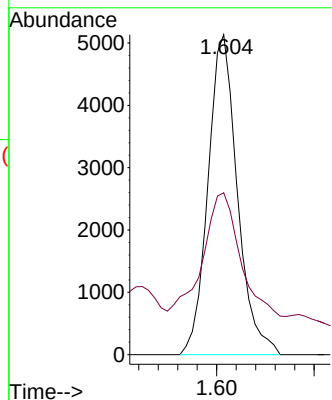
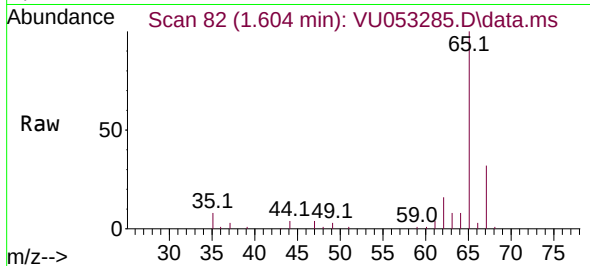




#5
 Vinyl chloride
 Concen: 3.775 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU053285.D
 Acq: 17 Mar 2023 22:45

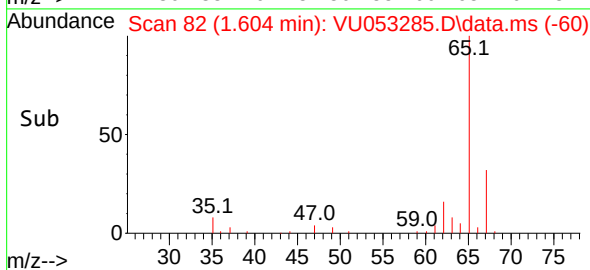
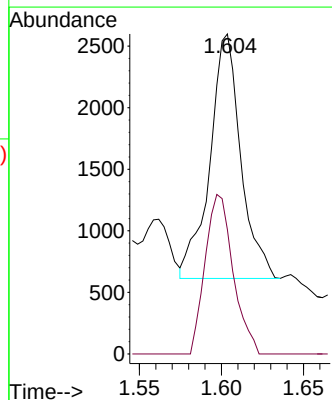
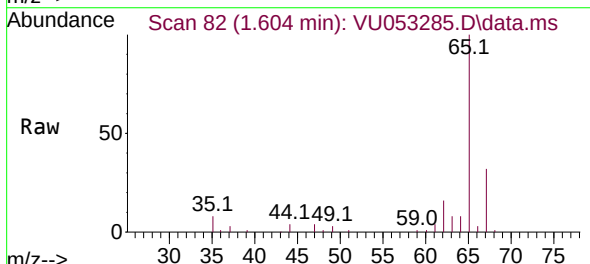
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG7

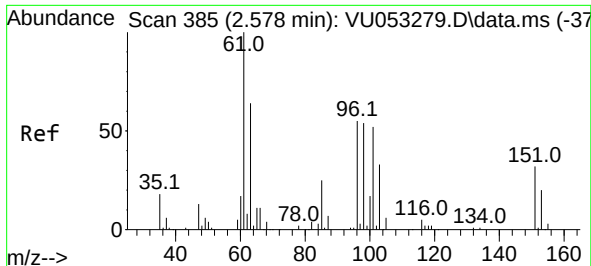
Tgt Ion: 62 Resp: 5359
 Ion Ratio Lower Upper
 62 100
 64 50.6 23.2 43.0#



#8
 Chloroethane
 Concen: 3.109 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.328 min
 Lab File: VU053285.D
 Acq: 17 Mar 2023 22:45

Tgt Ion: 64 Resp: 2607
 Ion Ratio Lower Upper
 64 100
 66 38.9 22.6 42.0

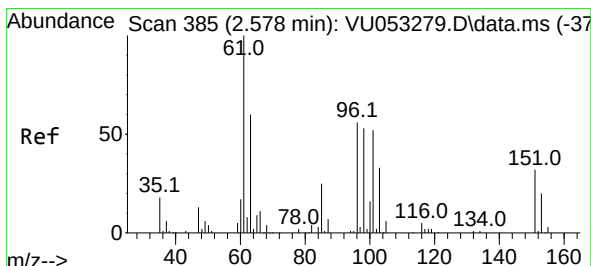
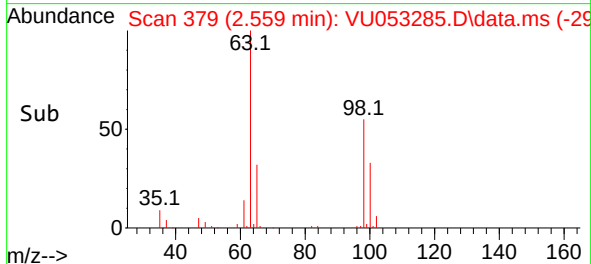
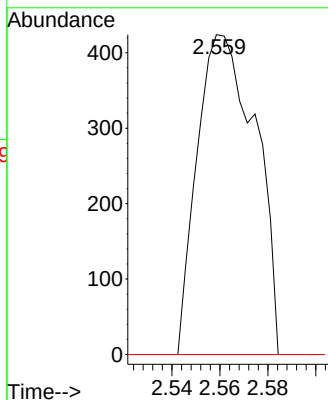
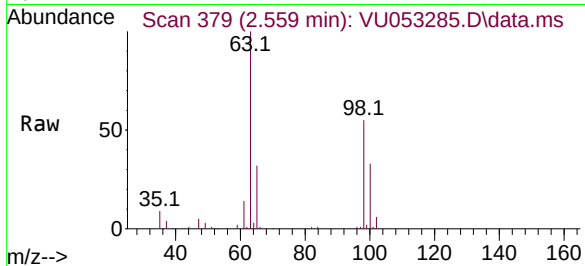




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.667 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VU053285.D
 Acq: 17 Mar 2023 22:45

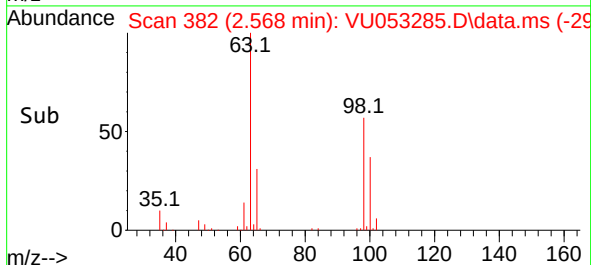
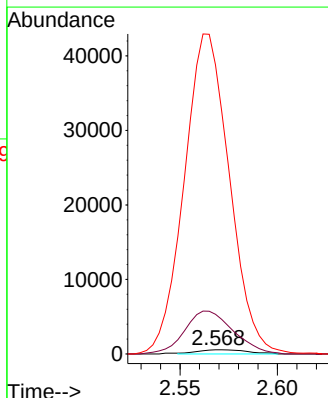
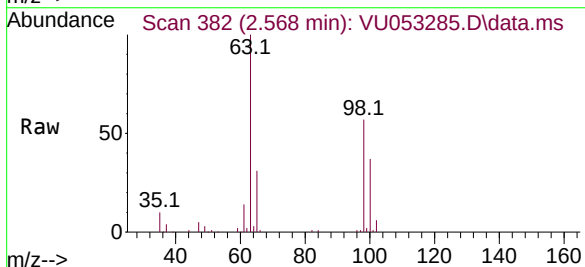
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG7

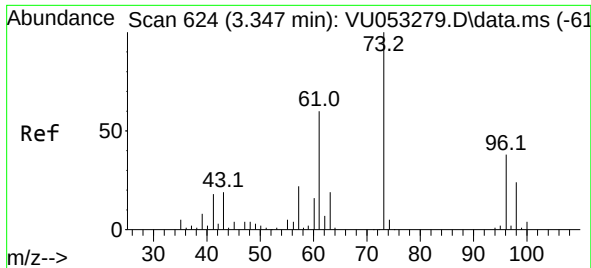
Tgt Ion:101 Resp: 715
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.0 55.6#
 151 0.0 52.9 79.3#



#12
 1,1-Dichloroethene
 Concen: 1.010 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU053285.D
 Acq: 17 Mar 2023 22:45

Tgt Ion: 96 Resp: 1001
 Ion Ratio Lower Upper
 96 100
 61 956.3 122.2 226.9#
 63 6953.4 89.9 166.9#

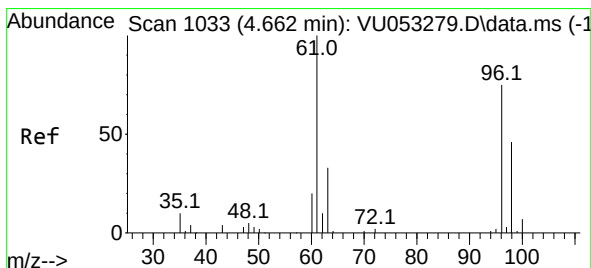
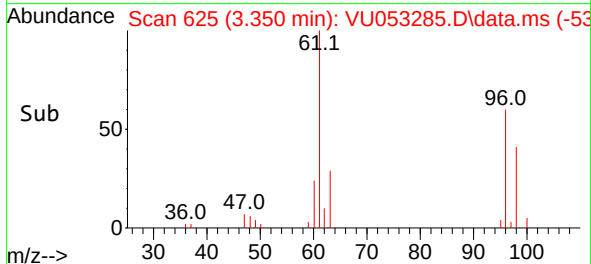
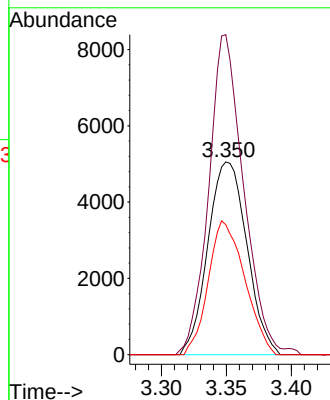
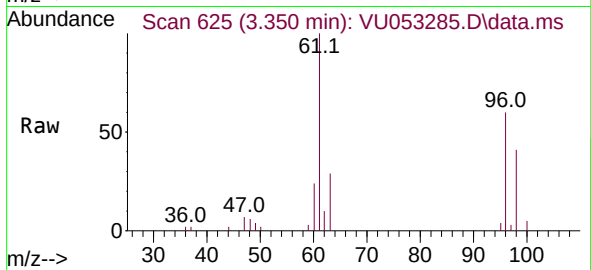




#17
trans-1,2-Dichloroethene
Concen: 10.503 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053285.D
Acq: 17 Mar 2023 22:45

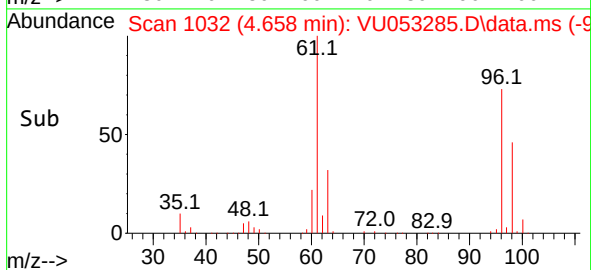
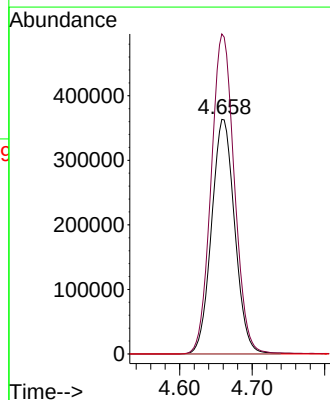
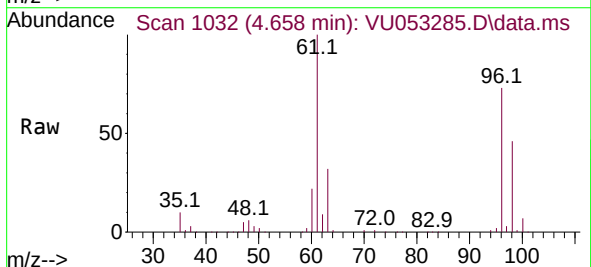
Instrument :
MSVOA_U
ClientSampleId :
EYFG7

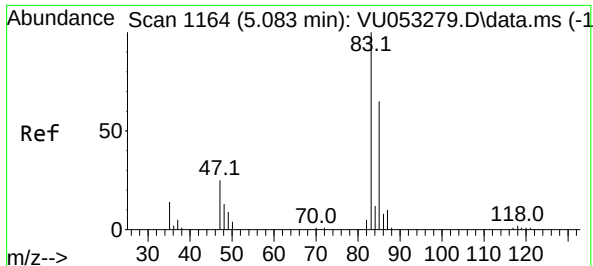
Tgt Ion: 96 Resp: 10560
Ion Ratio Lower Upper
96 100
61 166.0 99.6 185.0
98 67.4 45.5 84.5



#20
cis-1,2-Dichloroethene
Concen: 682.752 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053285.D
Acq: 17 Mar 2023 22:45

Tgt Ion: 96 Resp: 806309
Ion Ratio Lower Upper
96 100
61 136.4 92.5 171.7
68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.638 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053285.D

Acq: 17 Mar 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :

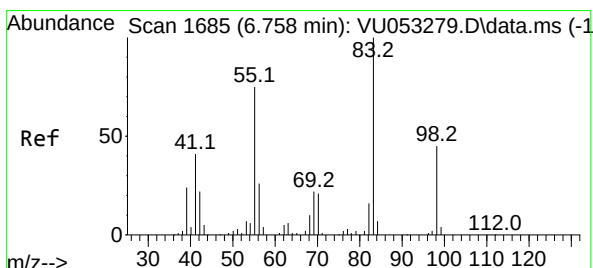
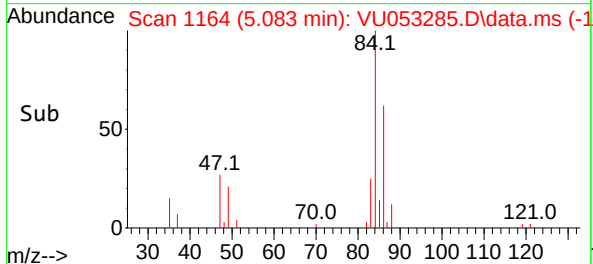
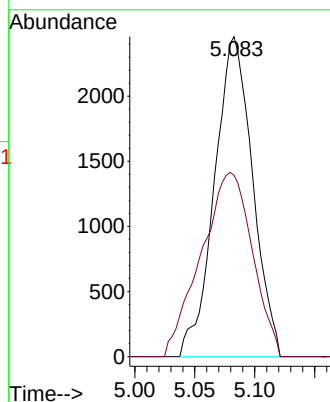
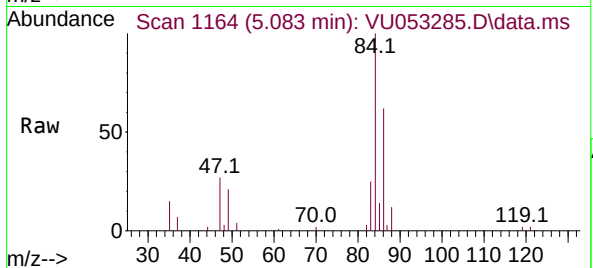
EYFG7

Tgt Ion: 83 Resp: 5417

Ion Ratio Lower Upper

83 100

85 56.7 44.9 83.3



#35

Methylcyclohexane

Concen: 7.200 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053285.D

Acq: 17 Mar 2023 22:45

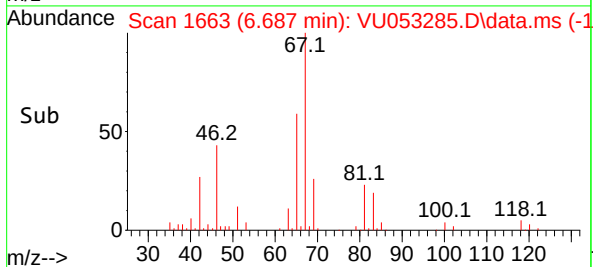
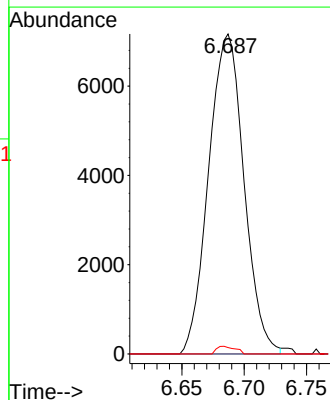
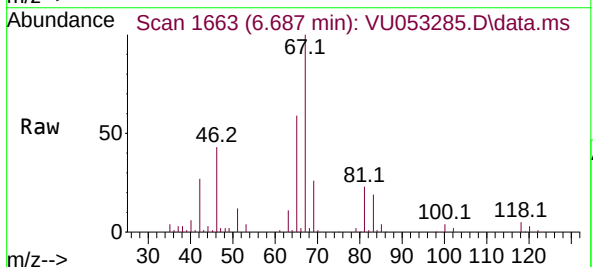
Tgt Ion: 83 Resp: 14163

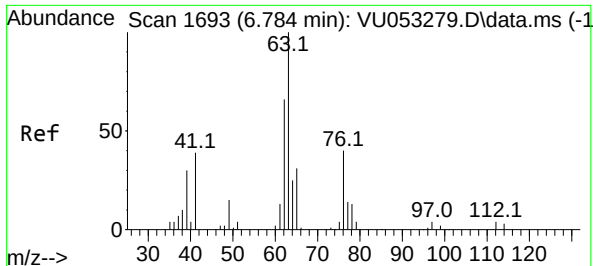
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 1.3 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 6.322 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053285.D

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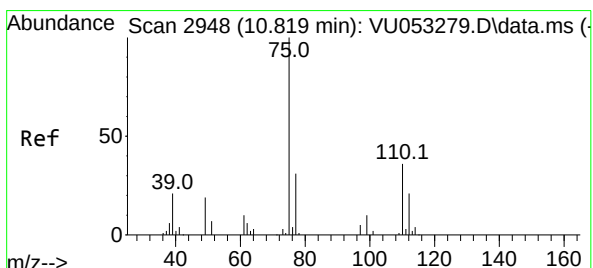
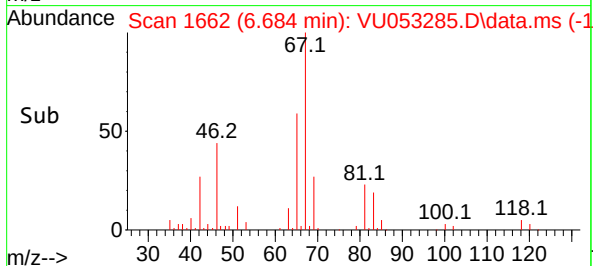
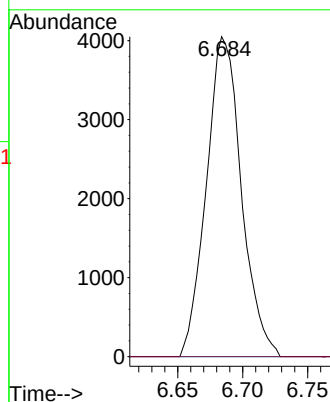
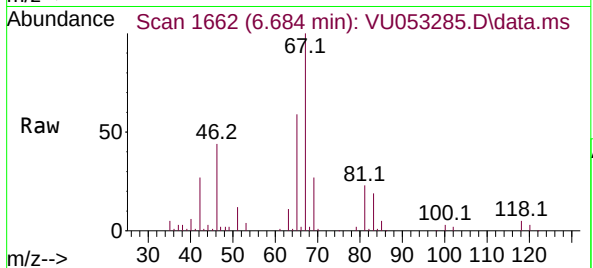
EYFG7

Tgt Ion: 63 Resp: 7591

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 8.291 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053285.D

Acq: 17 Mar 2023 22:45

Tgt Ion: 75 Resp: 9405

Ion Ratio Lower Upper

75 100

77 30.4 26.6 40.0

110 1.0 28.6 42.8#

