

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053259.D
 Acq On : 17 Mar 2023 12:05
 Operator : JC/MD
 Sample : 01929-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4

Quant Time: Mar 18 01:50:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

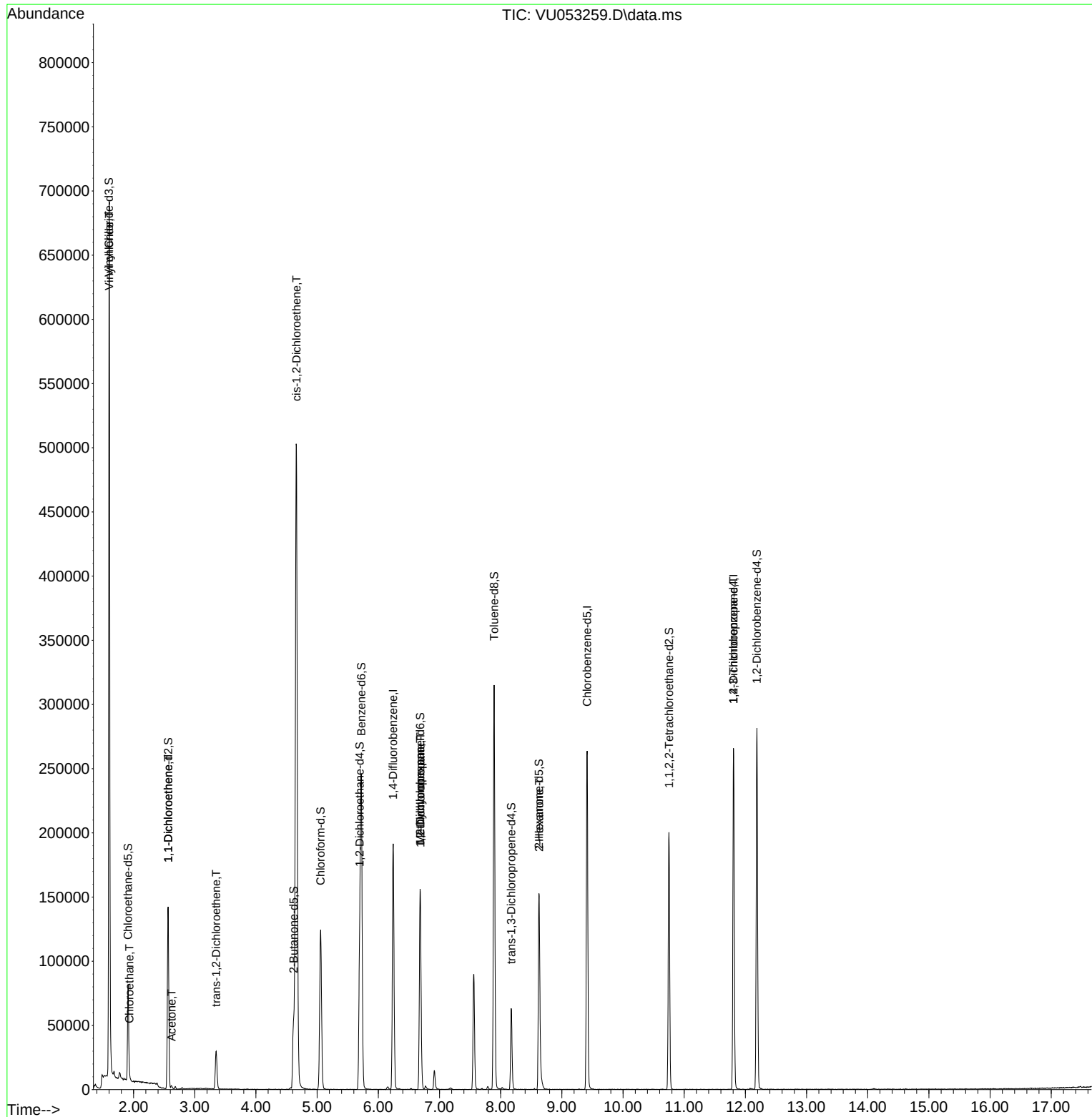
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	150160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69793	50.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.760%	
7) Chloroethane-d5	1.909	69	53453	47.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 95.400%	
11) 1,1-Dichloroethene-d2	2.565	63	83962	34.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 69.980%	
21) 2-Butanone-d5	4.617	46	72897	113.456	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 113.460%	
24) Chloroform-d	5.057	84	108989	47.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.540%	
26) 1,2-Dichloroethane-d4	5.697	65	71455	50.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.860%	
32) Benzene-d6	5.723	84	232155	51.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.100%	
36) 1,2-Dichloropropane-d6	6.684	67	77259	53.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.300%	
41) Toluene-d8	7.893	98	208328	49.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.360%	
43) trans-1,3-Dichloroprop...	8.173	79	35299	49.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.440%	
47) 2-Hexanone-d5	8.626	63	55193	121.456	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 121.460%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100841	53.555	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.120%	
66) 1,2-Dichlorobenzene-d4	12.189	152	67635	54.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	412361	261.006	ug/L	97
8) Chloroethane	1.932	64	872	0.934	ug/L #	55
12) 1,1-Dichloroethene	2.565	96	746	0.676	ug/L #	1
13) Acetone	2.620	43	3171	4.333	ug/L	85
17) trans-1,2-Dichloroethene	3.350	96	11776	10.525	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	250907	190.918	ug/L	100
35) Methylcyclohexane	6.684	83	16331	7.423	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	8401	6.255	ug/L #	90
48) 2-Hexanone	8.629	43	6222	5.383	ug/L #	77
60) 1,2,3-Trichloropropane	11.806	75	9712	7.695	ug/L #	69

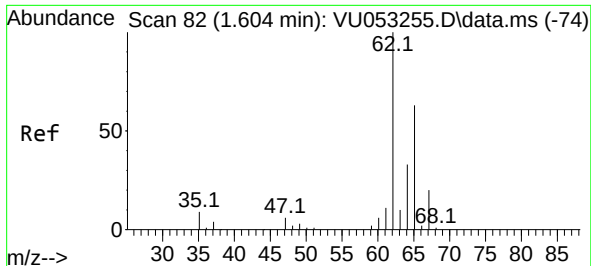
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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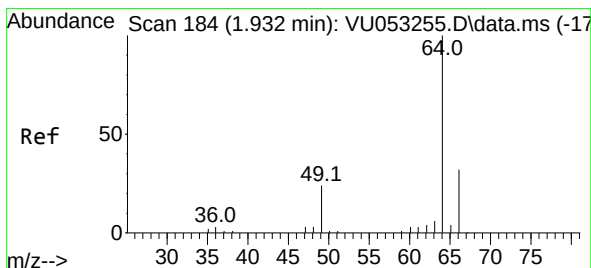
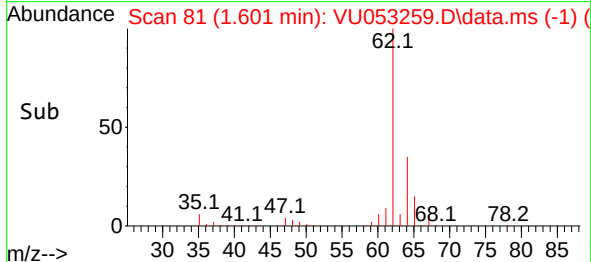
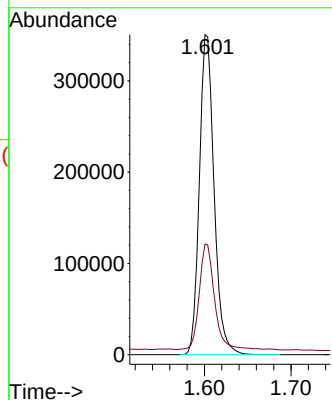
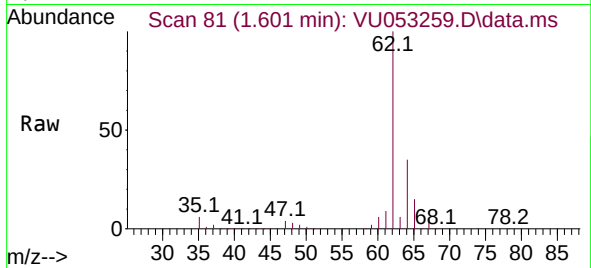




#5
 Vinyl chloride
 Concen: 261.006 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053259.D
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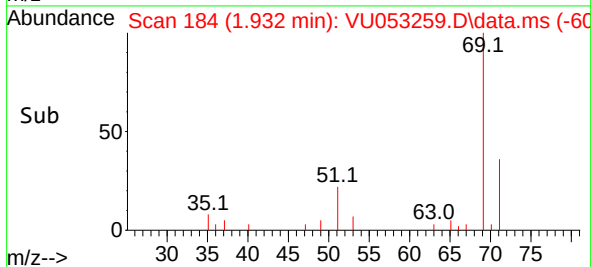
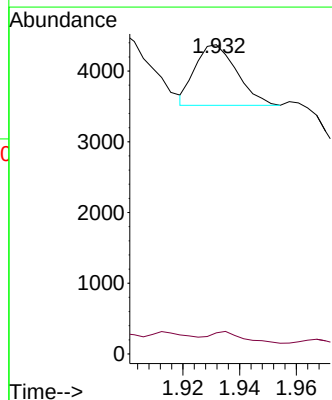
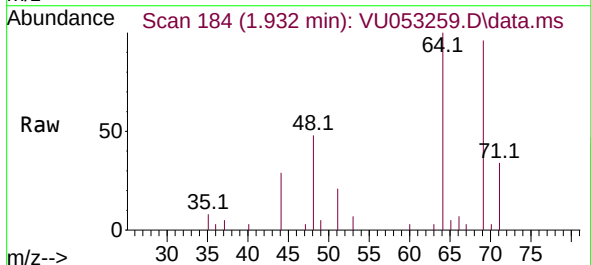
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4

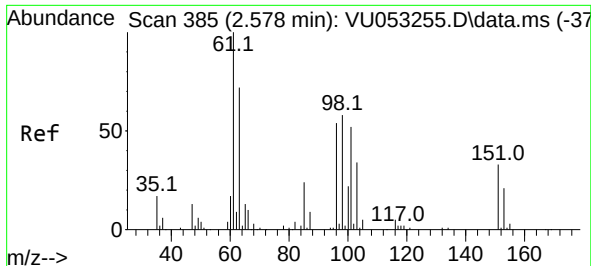
Tgt Ion: 62 Resp: 412361
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.0



#8
 Chloroethane
 Concen: 0.934 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. 0.000 min
 Lab File: VU053259.D
 Acq: 17 Mar 2023 12:05

Tgt Ion: 64 Resp: 872
 Ion Ratio Lower Upper
 64 100
 66 6.8 22.6 42.0#

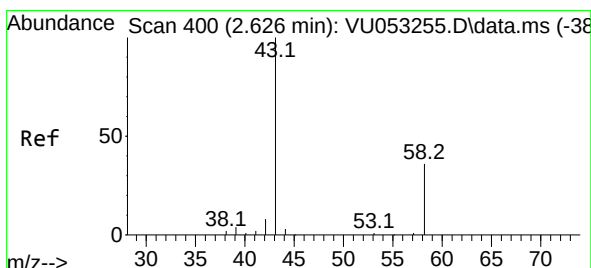
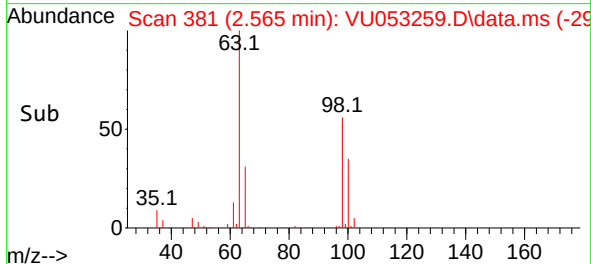
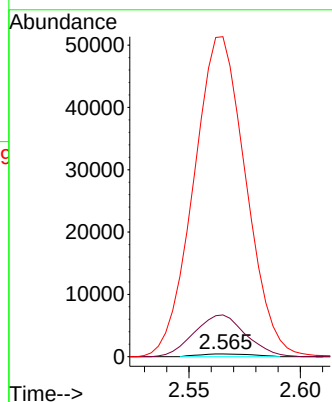
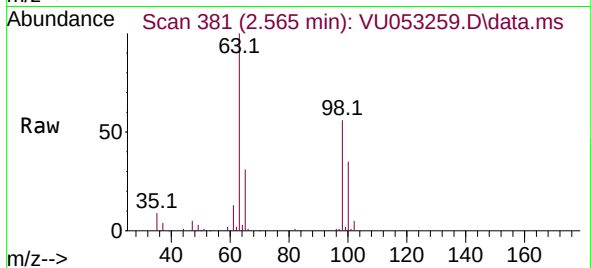




#12
1,1-Dichloroethene
Concen: 0.676 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU053259.D
Acq: 17 Mar 2023 12:05

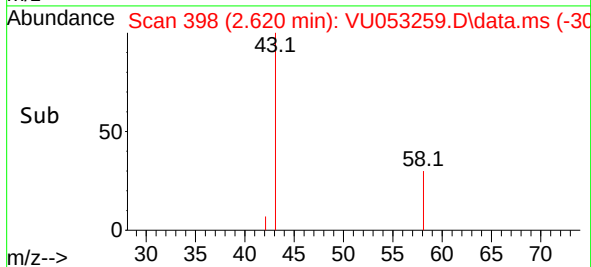
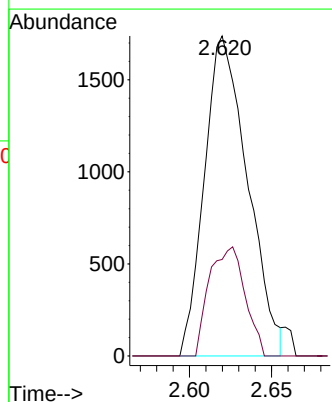
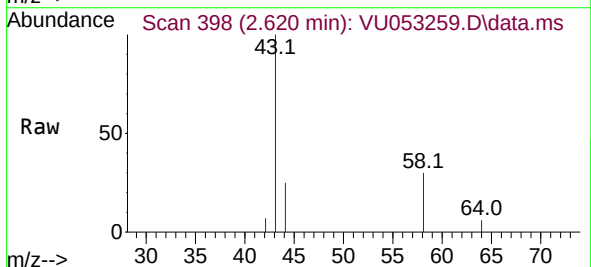
Instrument :
MSVOA_U
ClientSampleId :
EYFE4

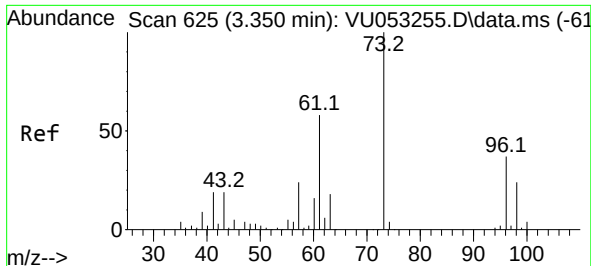
Tgt Ion: 96 Resp: 746
Ion Ratio Lower Upper
96 100
61 1528.5 122.2 226.9#
63 11697.5 89.9 166.9#



#13
Acetone
Concen: 4.333 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU053259.D
Acq: 17 Mar 2023 12:05

Tgt Ion: 43 Resp: 3171
Ion Ratio Lower Upper
43 100
58 28.3 0.0 75.0





#17

trans-1,2-Dichloroethene

Concen: 10.525 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU053259.D

Acq: 17 Mar 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

EYFE4

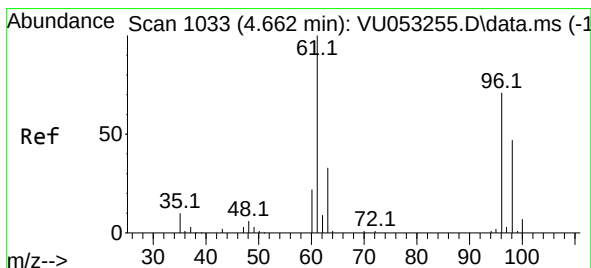
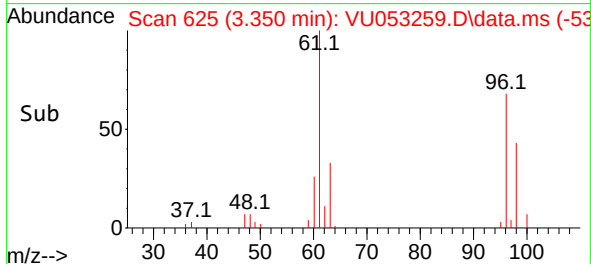
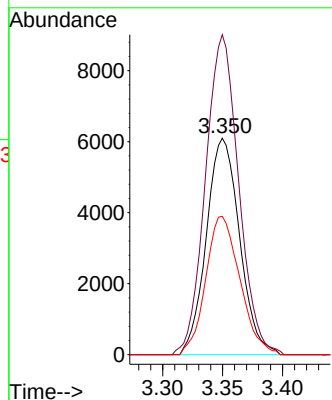
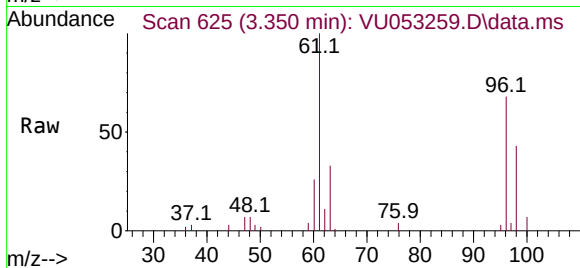
Tgt Ion: 96 Resp: 11776

Ion Ratio Lower Upper

96 100

61 147.8 99.6 185.0

98 63.9 45.5 84.5



#20

cis-1,2-Dichloroethene

Concen: 190.918 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053259.D

Acq: 17 Mar 2023 12:05

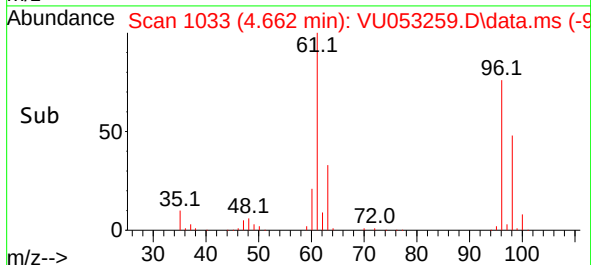
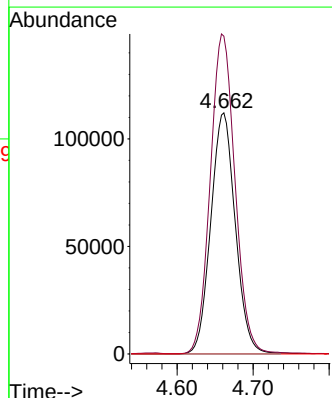
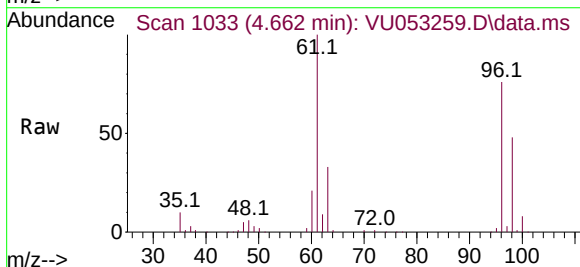
Tgt Ion: 96 Resp: 250907

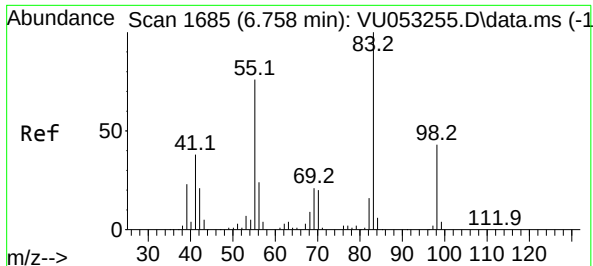
Ion Ratio Lower Upper

96 100

61 131.8 92.5 171.7

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.423 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053259.D

Acq: 17 Mar 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

EYFE4

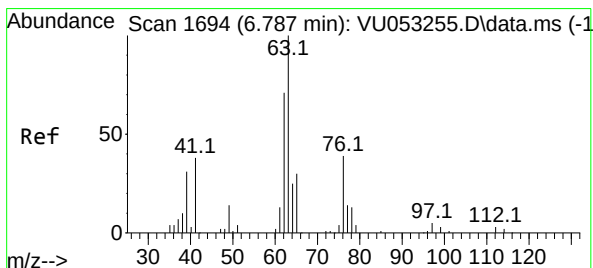
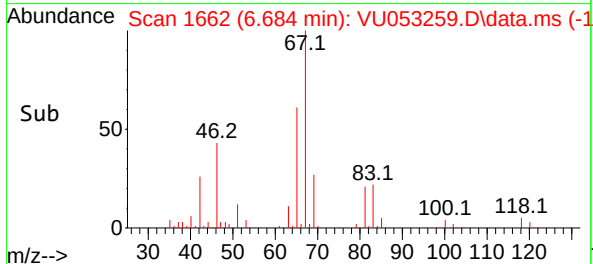
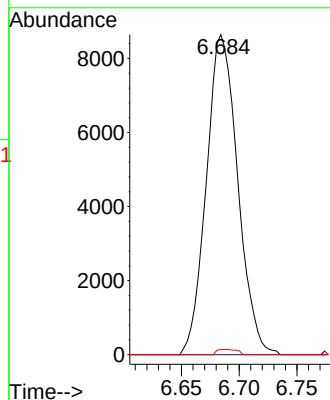
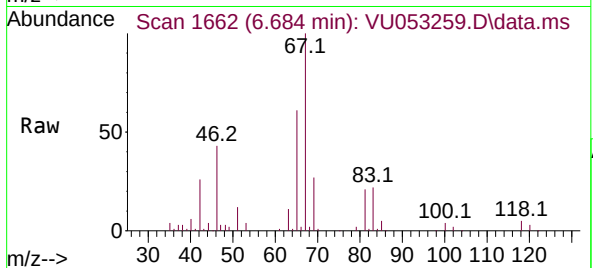
Tgt Ion: 83 Resp: 16331

Ion Ratio Lower Upper

83 100

55 2.5 58.2 87.4#

98 1.1 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.255 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053259.D

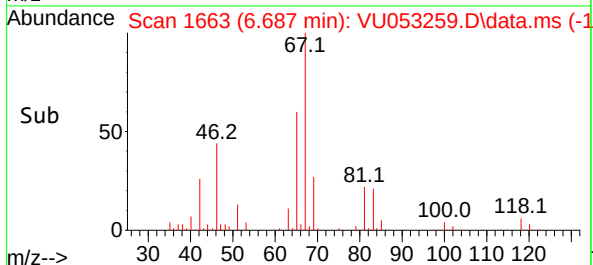
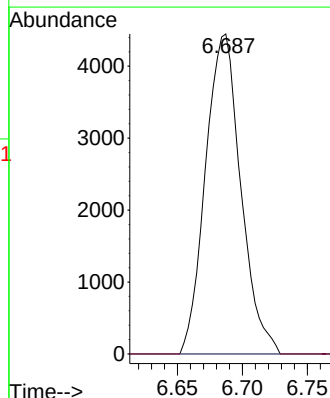
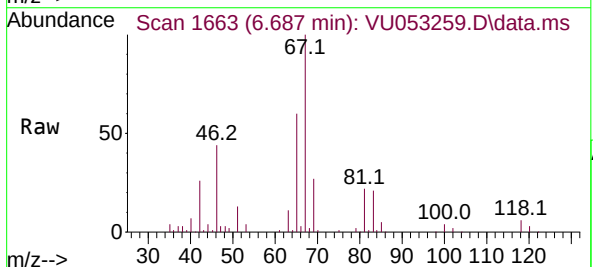
Acq: 17 Mar 2023 12:05

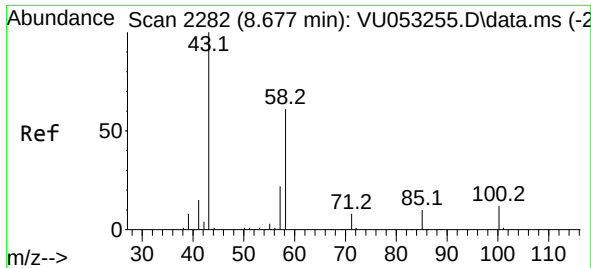
Tgt Ion: 63 Resp: 8401

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

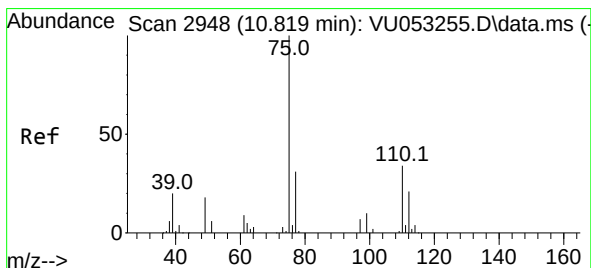
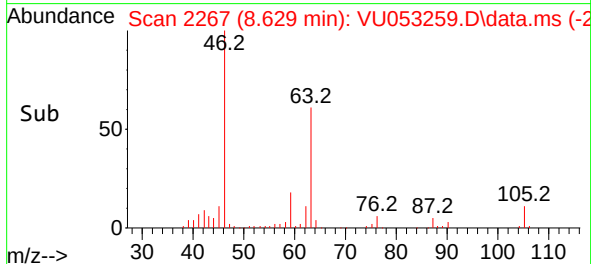
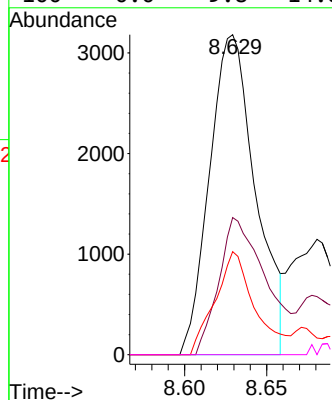
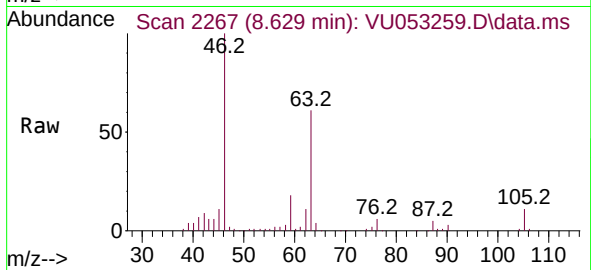




#48
2-Hexanone
Concen: 5.383 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU053259.D
Acq: 17 Mar 2023 12:05

Instrument :
MSVOA_U
ClientSampleId :
EYFE4

Tgt Ion:	43	Resp:	6222
Ion	Ratio	Lower	Upper
43	100		
58	43.3	49.4	74.0#
57	28.1	16.9	25.3#
100	0.0	9.8	14.8#



#60
1,2,3-Trichloropropane
Concen: 7.695 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
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Tgt Ion:	75	Resp:	9712
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.6	40.0
110	2.9	28.6	42.8#

