

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053756.D
 Acq On : 18 Apr 2023 13:20
 Operator : JC/MD
 Sample : 02254-18DL 2 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC0DL2

Quant Time: Apr 19 05:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

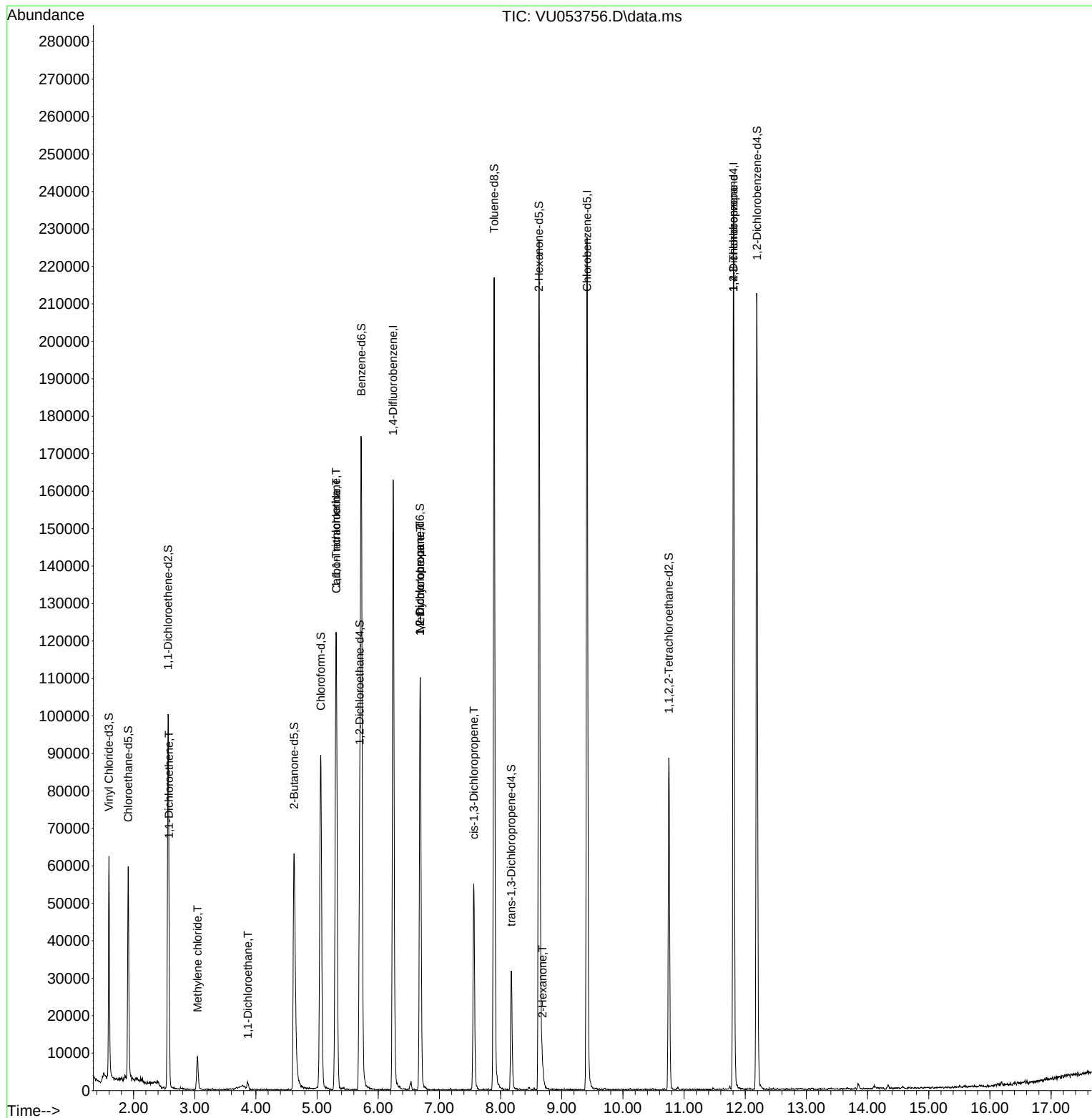
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	143603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45255	4.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.912	69	41784	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.565	65	17347	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.623	46	96878	42.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.620%
24) Chloroform-d	5.060	84	86411	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.697	65	43626	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.722	84	171960	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.684	67	54269	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.896	98	152521	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.176	79	19759	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.629	63	81120	44.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	42370	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	58052	4.942	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	3908	0.481	ug/L #	1
16) Methylene chloride	3.044	84	4699	0.440	ug/L	88
19) 1,1-Dichloroethane	3.867	63	2674	0.172	ug/L	91
29) 1,1,1-Trichloroethane	5.311	97	93441	6.968	ug/L	96
31) Carbon tetrachloride	5.314	117	11926	1.051	ug/L	96
35) Methylcyclohexane	6.687	83	12502	0.752	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	5453	0.567	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1602	0.113	ug/L #	70
48) 2-Hexanone	8.687	43	2921	0.840	ug/L #	80
61) 1,2,3-Trichloropropane	11.809	75	7649	1.414	ug/L #	67

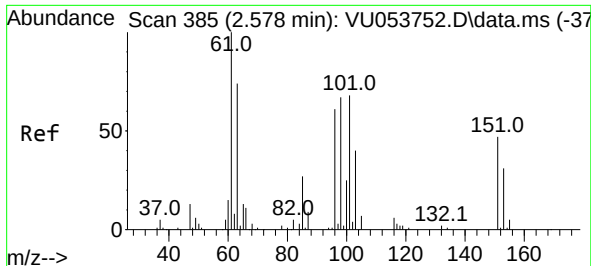
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.481 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053756.D

Acq: 18 Apr 2023 13:20

Instrument :

MSVOA_U

ClientSampleId :

C0AC0DL2

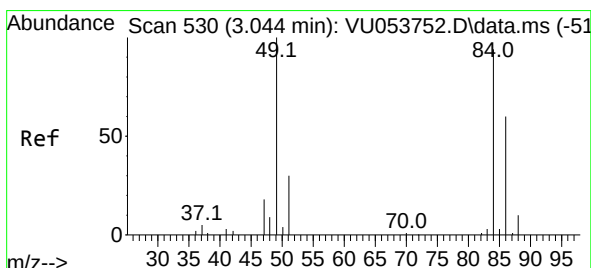
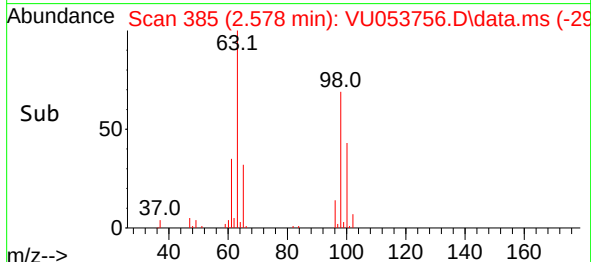
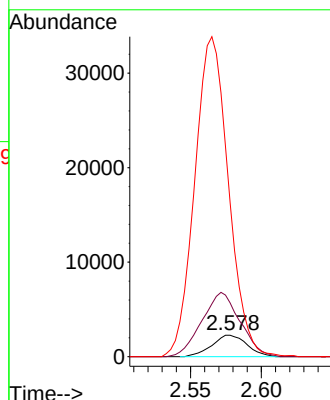
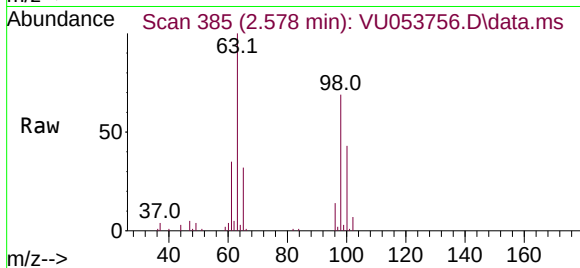
Tgt Ion: 96 Resp: 3908

Ion Ratio Lower Upper

96 100

61 250.9 116.8 216.8#

63 717.7 88.6 164.6#



#16

Methylene chloride

Concen: 0.440 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU053756.D

Acq: 18 Apr 2023 13:20

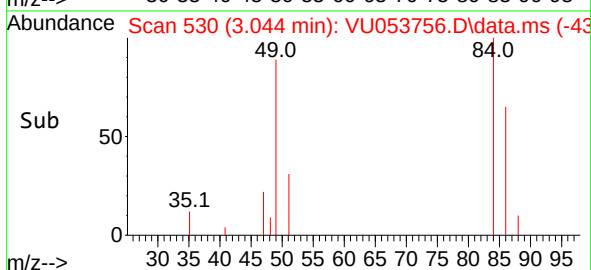
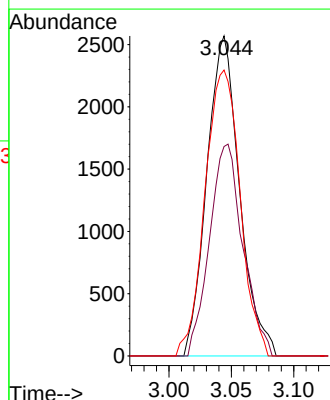
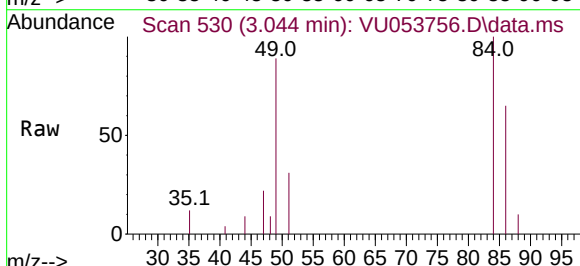
Tgt Ion: 84 Resp: 4699

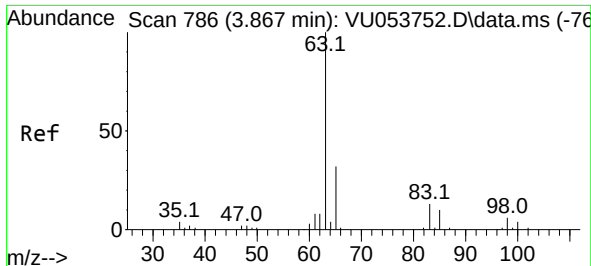
Ion Ratio Lower Upper

84 100

86 65.5 44.7 83.1

49 89.3 75.5 140.1

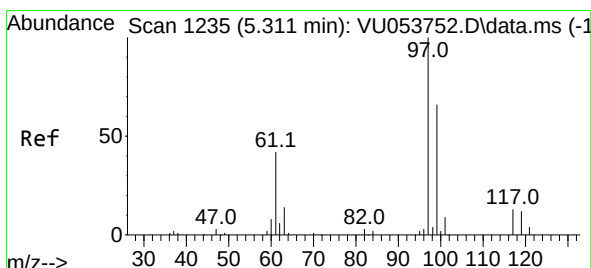
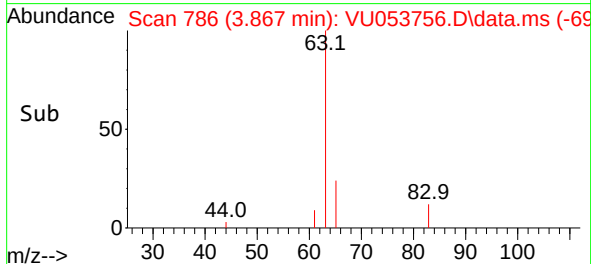
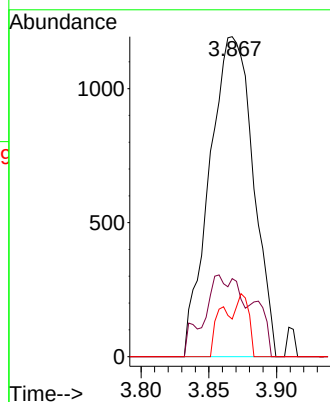
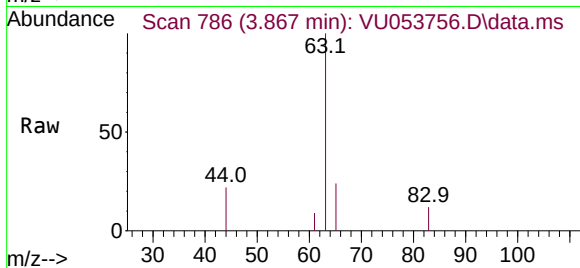




#19
1,1-Dichloroethane
Concen: 0.172 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

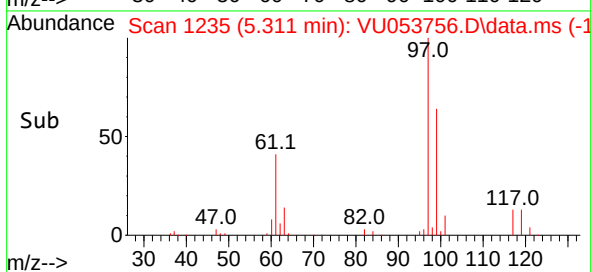
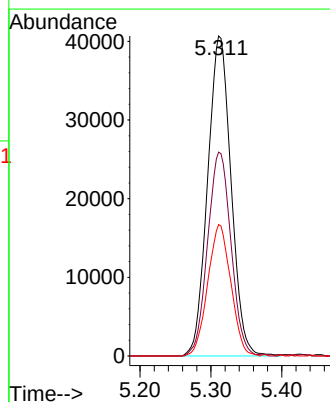
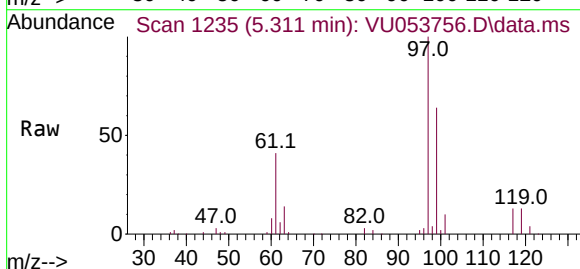
Instrument :
MSVOA_U
ClientSampleId :
C0AC0DL2

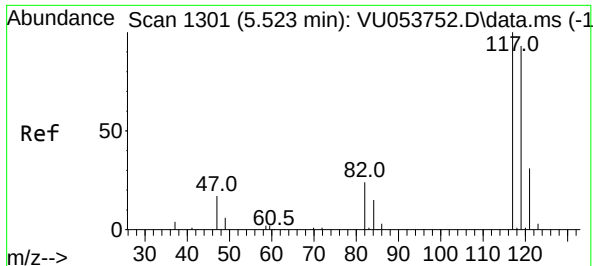
Tgt Ion:	63	Resp:	2674
Ion	Ratio	Lower	Upper
63	100		
65	24.4	21.7	40.3
83	11.7	8.1	15.1



#29
1,1,1-Trichloroethane
Concen: 6.968 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

Tgt Ion:	97	Resp:	93441
Ion	Ratio	Lower	Upper
97	100		
99	63.5	49.9	74.9
61	40.4	35.7	53.5

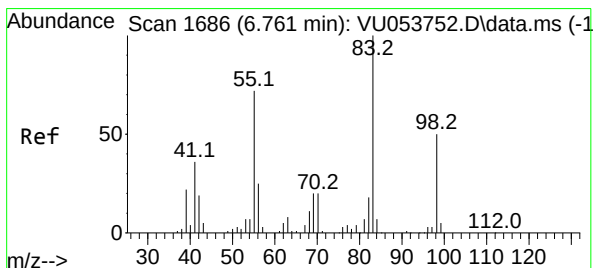
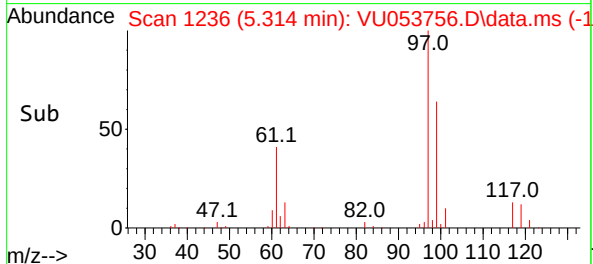
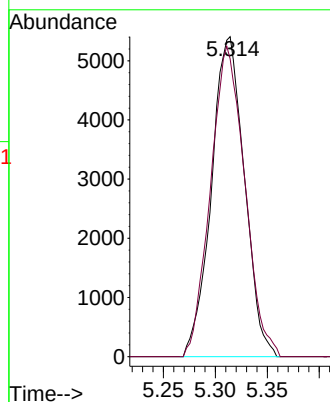
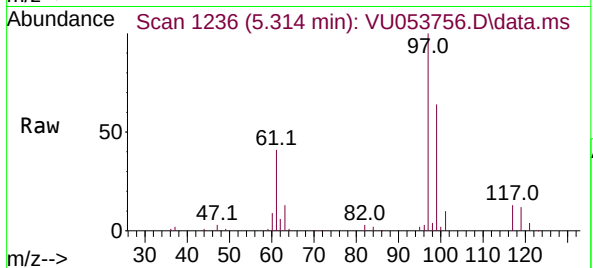




#31
Carbon tetrachloride
Concen: 1.051 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

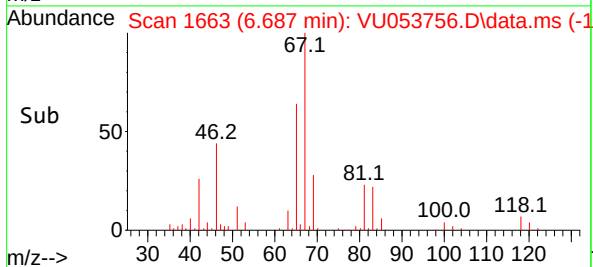
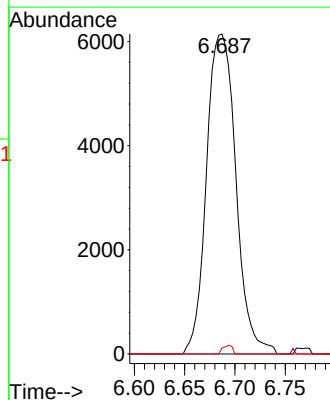
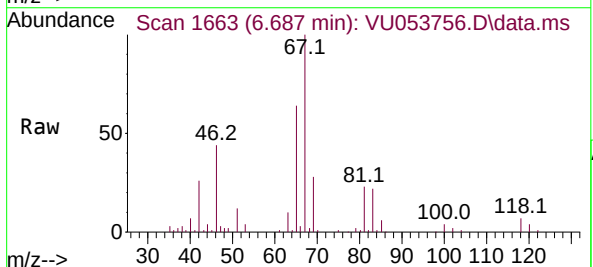
Instrument :
MSVOA_U
ClientSampleId :
C0AC0DL2

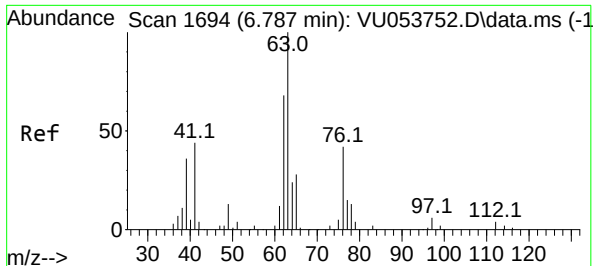
Tgt Ion:117 Resp: 11926
Ion Ratio Lower Upper
117 100
119 100.7 77.7 116.5



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

Tgt Ion: 83 Resp: 12502
Ion Ratio Lower Upper
83 100
55 0.2 54.9 82.3#
98 0.9 34.9 52.3#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053756.D

Acq: 18 Apr 2023 13:20

Instrument :

MSVOA_U

ClientSampleId :

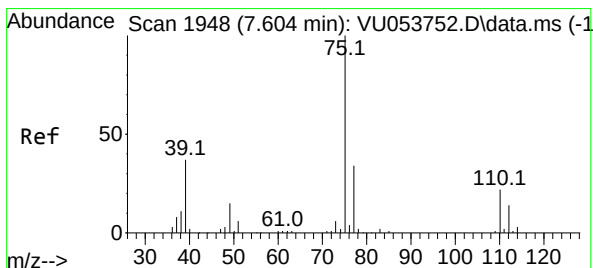
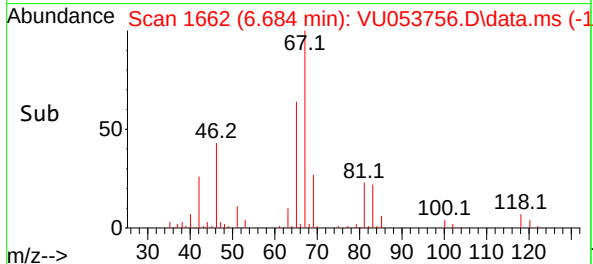
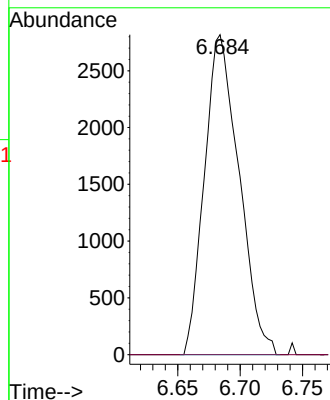
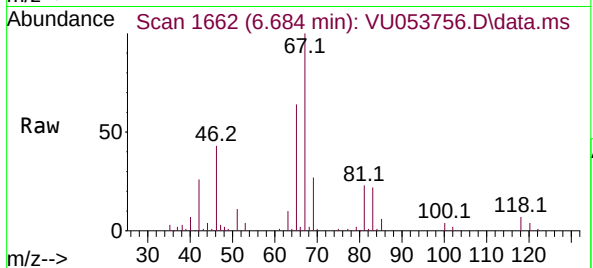
C0AC0DL2

Tgt Ion: 63 Resp: 5453

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU053756.D

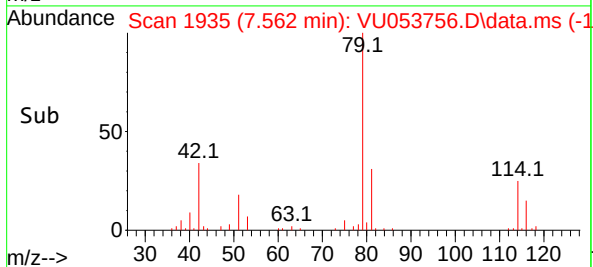
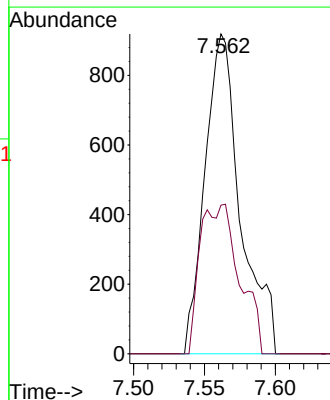
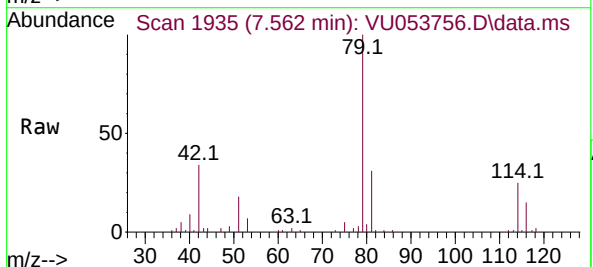
Acq: 18 Apr 2023 13:20

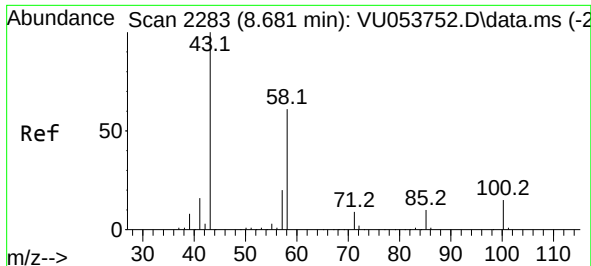
Tgt Ion: 75 Resp: 1602

Ion Ratio Lower Upper

75 100

77 46.5 21.1 39.3#

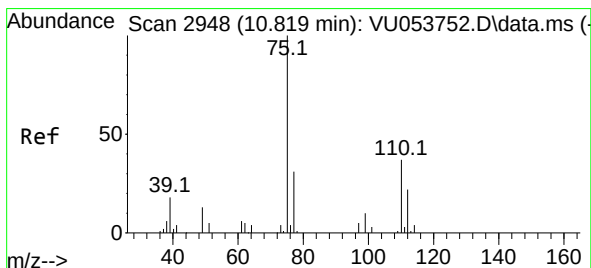
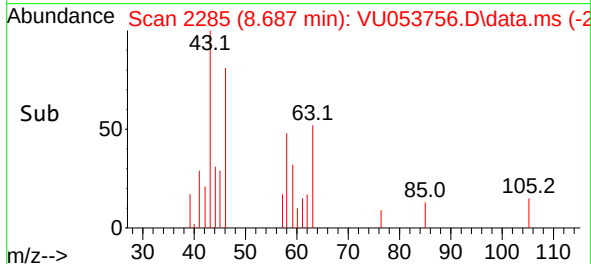
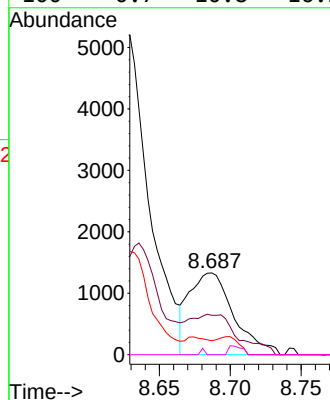
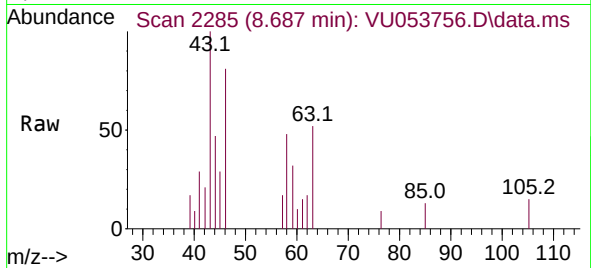




#48
2-Hexanone
Concen: 0.840 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

Instrument :
MSVOA_U
ClientSampleId :
C0AC0DL2

Tgt Ion: 43	Resp: 2921
Ion Ratio	Lower Upper
43 100	
58 51.6	52.8 79.2#
57 11.9	17.1 25.7#
100 0.7	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.414 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053756.D
Acq: 18 Apr 2023 13:20

Tgt Ion: 75	Resp:	7649	
Ion Ratio	Lower	Upper	
75 100			
110 2.0	30.6	46.0#	
77 32.3	26.1	39.1	

