

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053757.D
 Acq On : 18 Apr 2023 13:44
 Operator : JC/MD
 Sample : 02254-19DL2 4000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC8DL2

Quant Time: Apr 19 05:00:48 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)

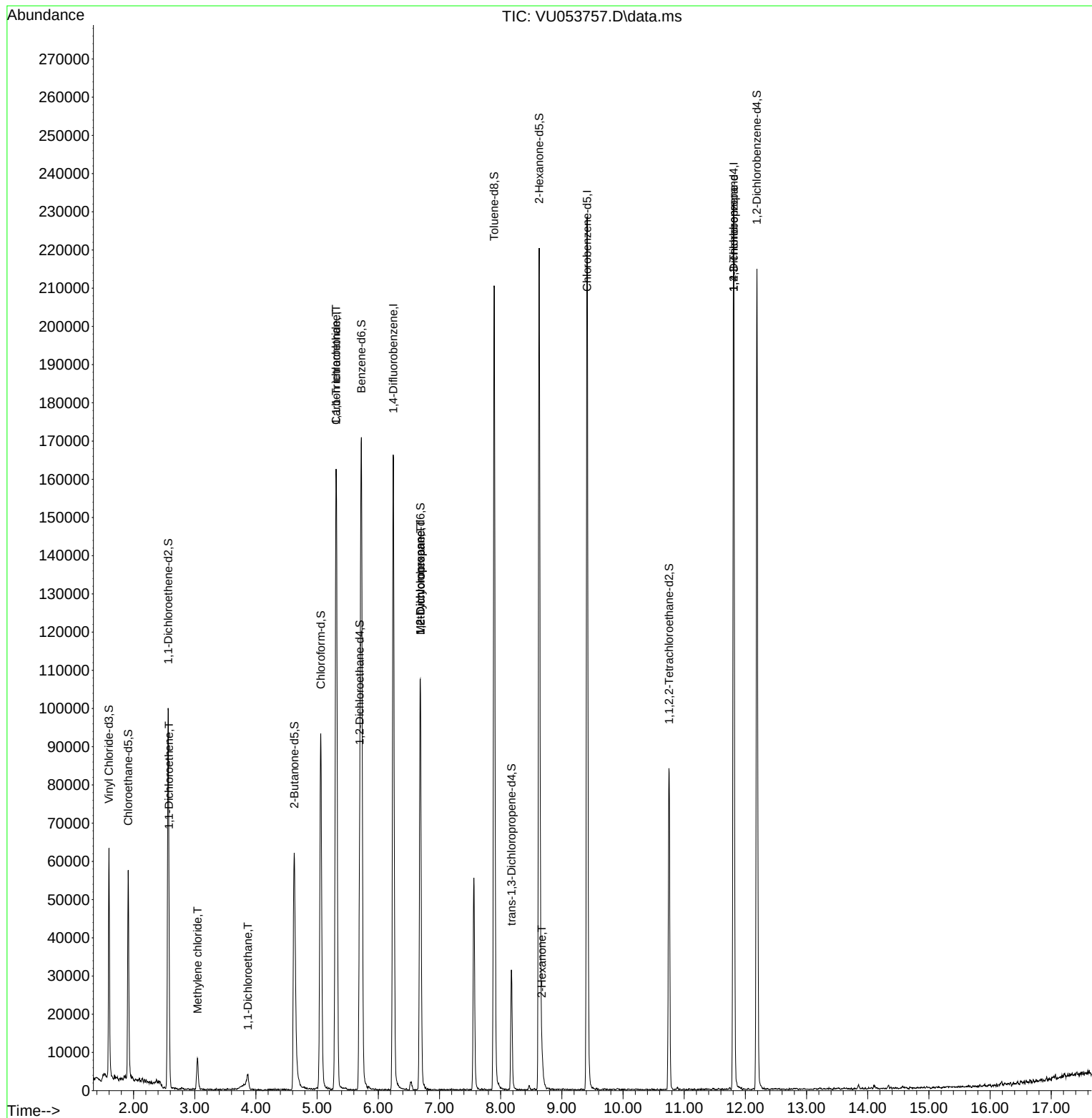
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45880	4.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.912	69	40930	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.565	65	16553	4.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.626	46	96230	43.291	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.580%
24) Chloroform-d	5.060	84	84319	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.697	65	43386	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.722	84	168731	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	53442	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.893	98	150833	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	19398	4.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.629	63	80401	43.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	42505	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	58240	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	5140	0.644	ug/L #	1
16) Methylene chloride	3.044	84	4321	0.412	ug/L	90
19) 1,1-Dichloroethane	3.867	63	4682	0.306	ug/L	90
29) 1,1,1-Trichloroethane	5.311	97	121652	9.012	ug/L	96
31) Carbon tetrachloride	5.311	117	15980	1.399	ug/L	98
35) Methylcyclohexane	6.687	83	13295	0.794	ug/L #	24
37) 1,2-Dichloropropane	6.687	63	5642	0.583	ug/L #	89
48) 2-Hexanone	8.674	43	3240	0.926	ug/L #	65
61) 1,2,3-Trichloropropane	11.809	75	7797	1.432	ug/L #	62

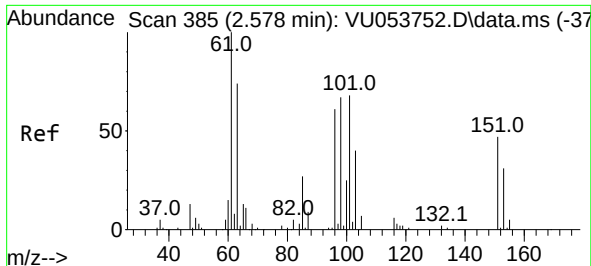
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.644 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053757.D

Acq: 18 Apr 2023 13:44

Instrument :

MSVOA_U

ClientSampleId :

C0AC8DL2

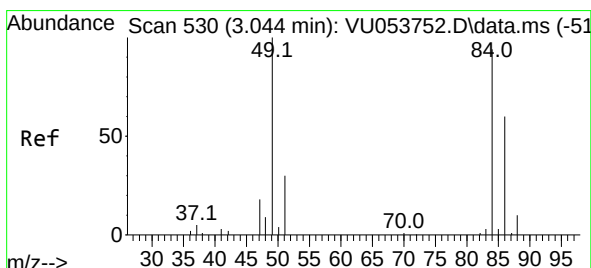
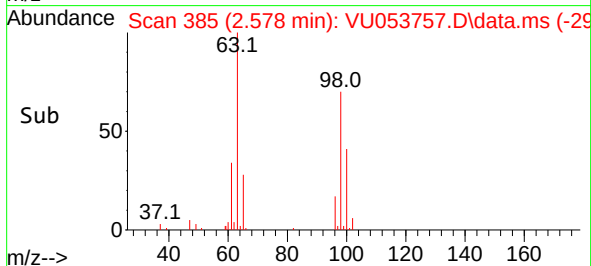
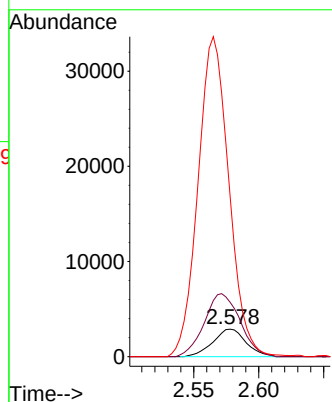
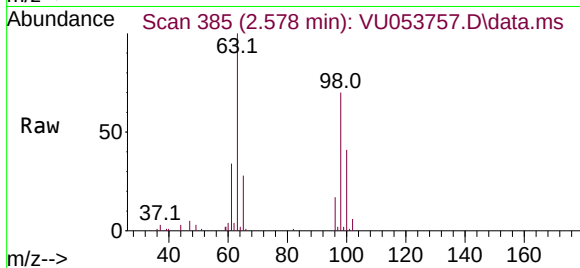
Tgt Ion: 96 Resp: 5140

Ion Ratio Lower Upper

96 100

61 197.7 116.8 216.8

63 583.7 88.6 164.6#



#16

Methylene chloride

Concen: 0.412 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU053757.D

Acq: 18 Apr 2023 13:44

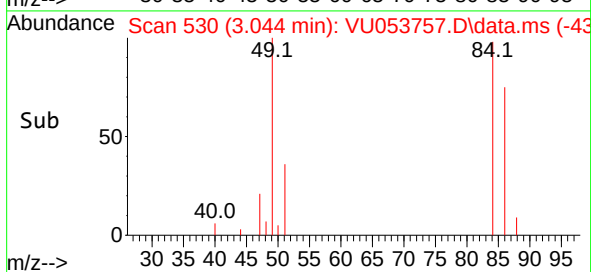
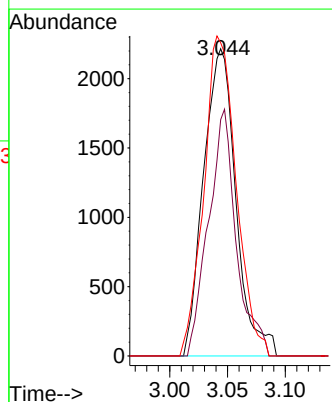
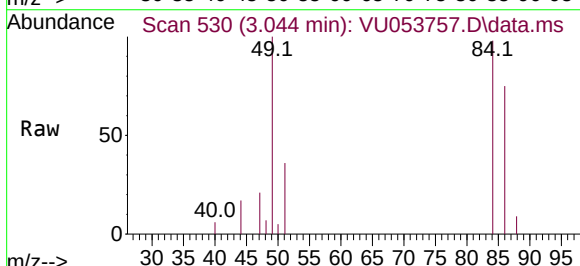
Tgt Ion: 84 Resp: 4321

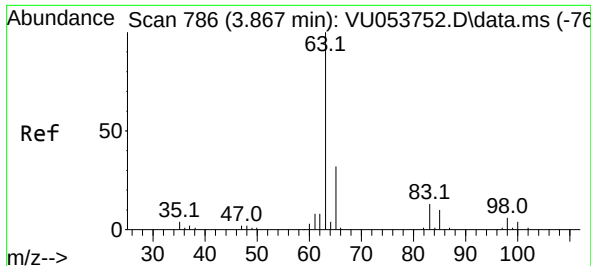
Ion Ratio Lower Upper

84 100

86 76.9 44.7 83.1

49 101.9 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.306 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU053757.D

Acq: 18 Apr 2023 13:44

Instrument :

MSVOA_U

ClientSampleId :

C0AC8DL2

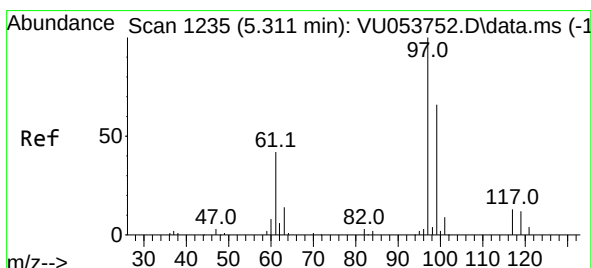
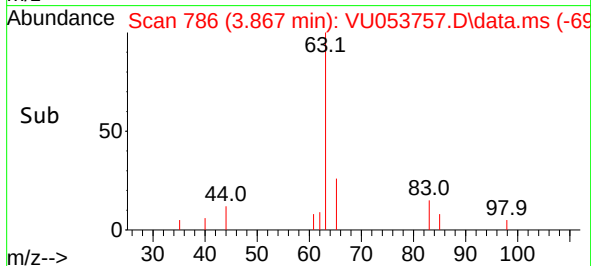
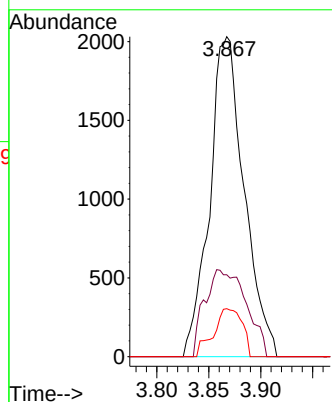
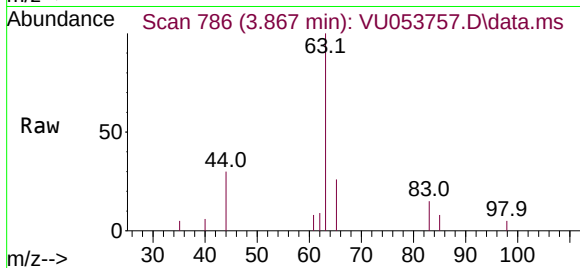
Tgt Ion: 63 Resp: 4682

Ion Ratio Lower Upper

63 100

65 25.6 21.7 40.3

83 15.0 8.1 15.1



#29

1,1,1-Trichloroethane

Concen: 9.012 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053757.D

Acq: 18 Apr 2023 13:44

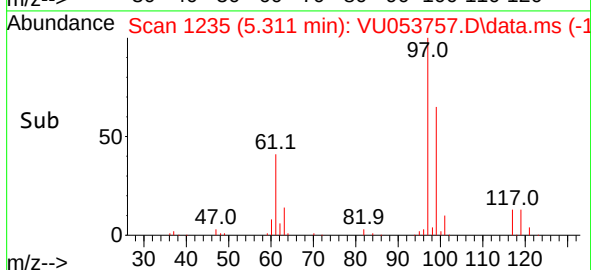
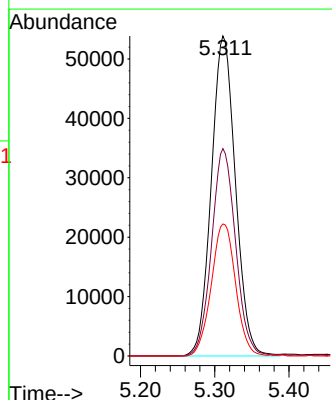
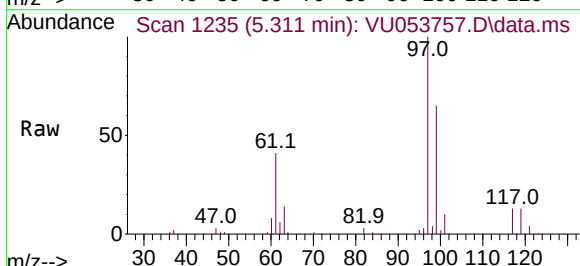
Tgt Ion: 97 Resp: 121652

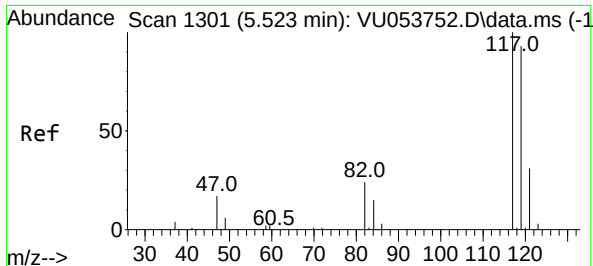
Ion Ratio Lower Upper

97 100

99 64.6 49.9 74.9

61 41.6 35.7 53.5

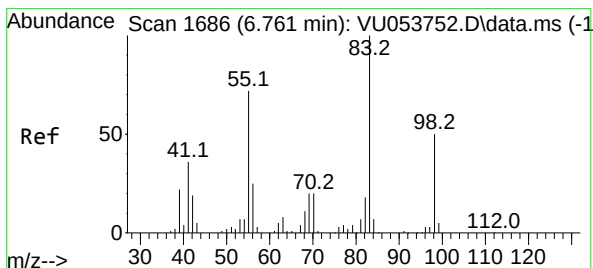
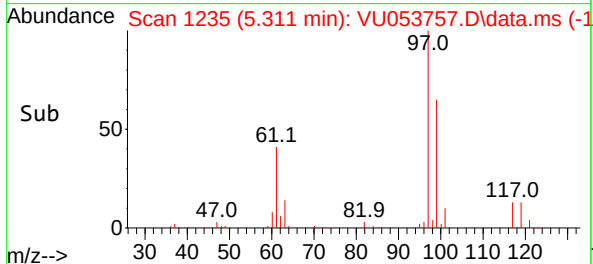
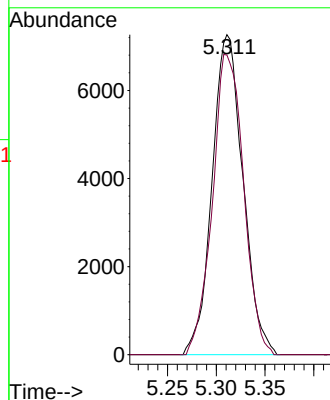
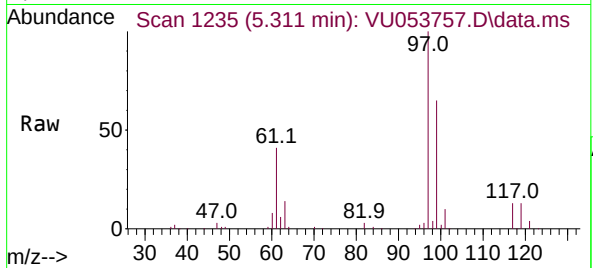




#31
Carbon tetrachloride
Concen: 1.399 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU053757.D
Acq: 18 Apr 2023 13:44

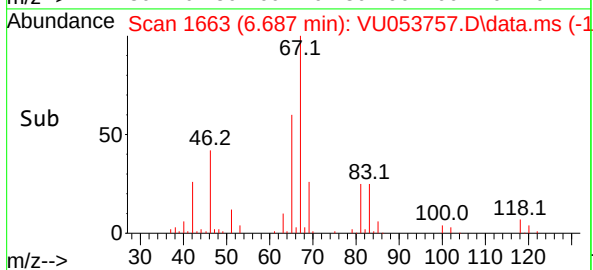
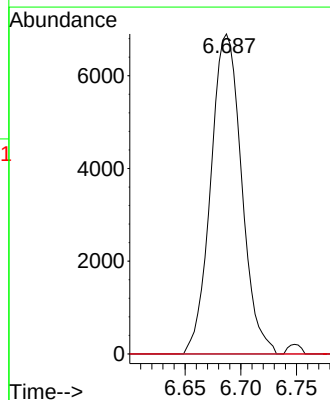
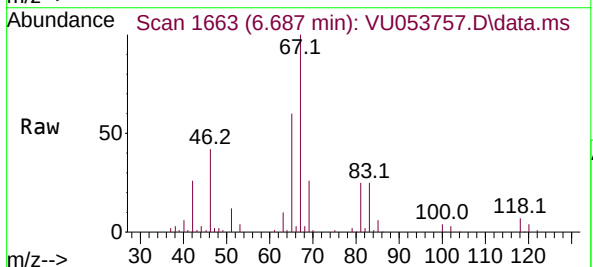
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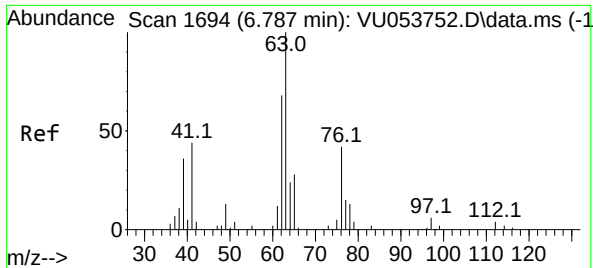
Tgt Ion: 117 Resp: 15980
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5



#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053757.D
Acq: 18 Apr 2023 13:44

Tgt Ion: 83 Resp: 13295
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 3.1 34.9 52.3#

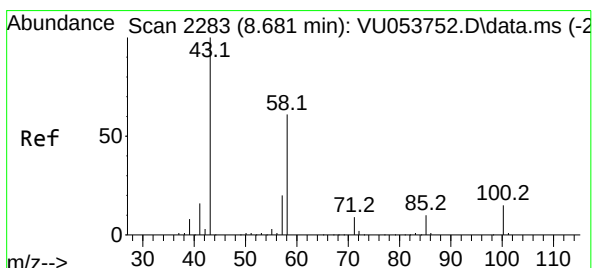
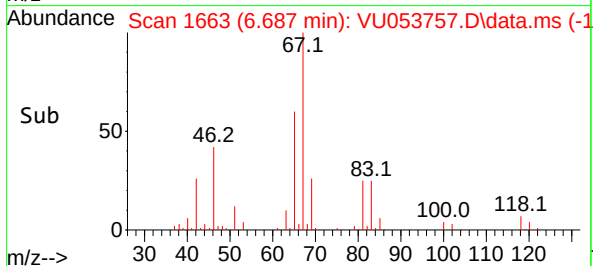
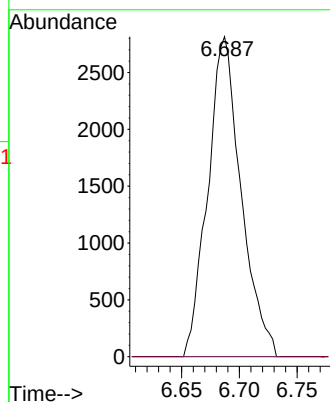
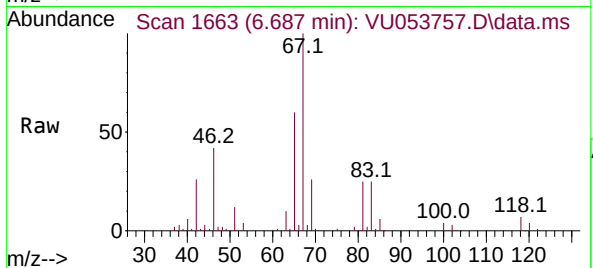




#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053757.D
Acq: 18 Apr 2023 13:44

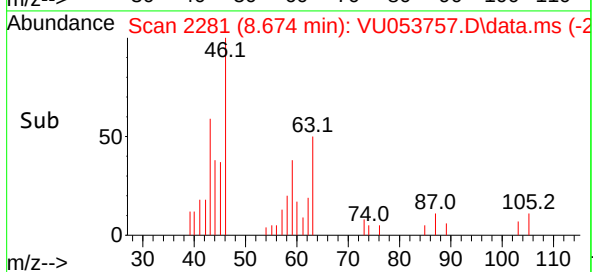
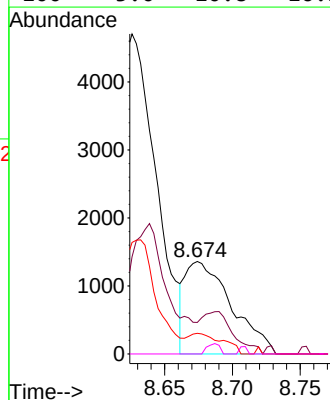
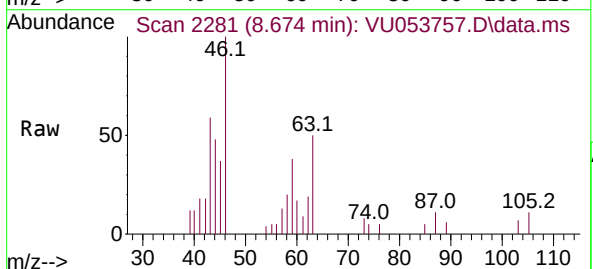
Instrument :
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ClientSampleId :
C0AC8DL2

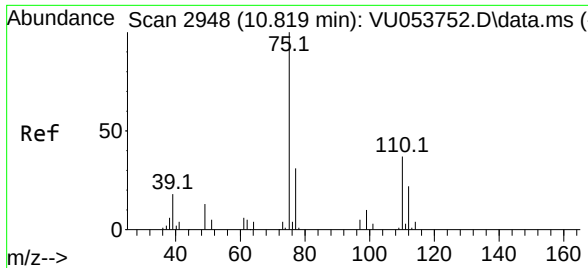
Tgt Ion: 63 Resp: 5642
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 0.926 ug/L
RT: 8.674 min Scan# 2281
Delta R.T. -0.007 min
Lab File: VU053757.D
Acq: 18 Apr 2023 13:44

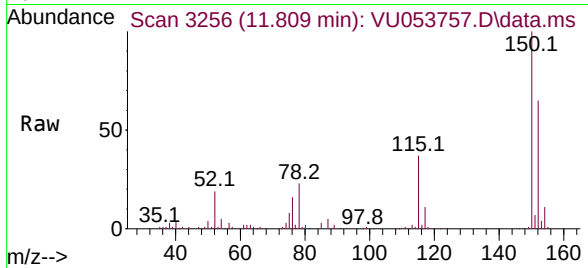
Tgt Ion: 43 Resp: 3240
Ion Ratio Lower Upper
43 100
58 30.5 52.8 79.2#
57 16.1 17.1 25.7#
100 3.0 10.8 16.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.432 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053757.D
 Acq: 18 Apr 2023 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC8DL2



Tgt Ion: 75 Resp: 7797
 Ion Ratio Lower Upper
 75 100
 110 0.5 30.6 46.0#
 77 27.0 26.1 39.1

