

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053755.D
 Acq On : 18 Apr 2023 12:56
 Operator : JC/MD
 Sample : 02254-16DL 2 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6DL2

Quant Time: Apr 19 05:00:20 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)

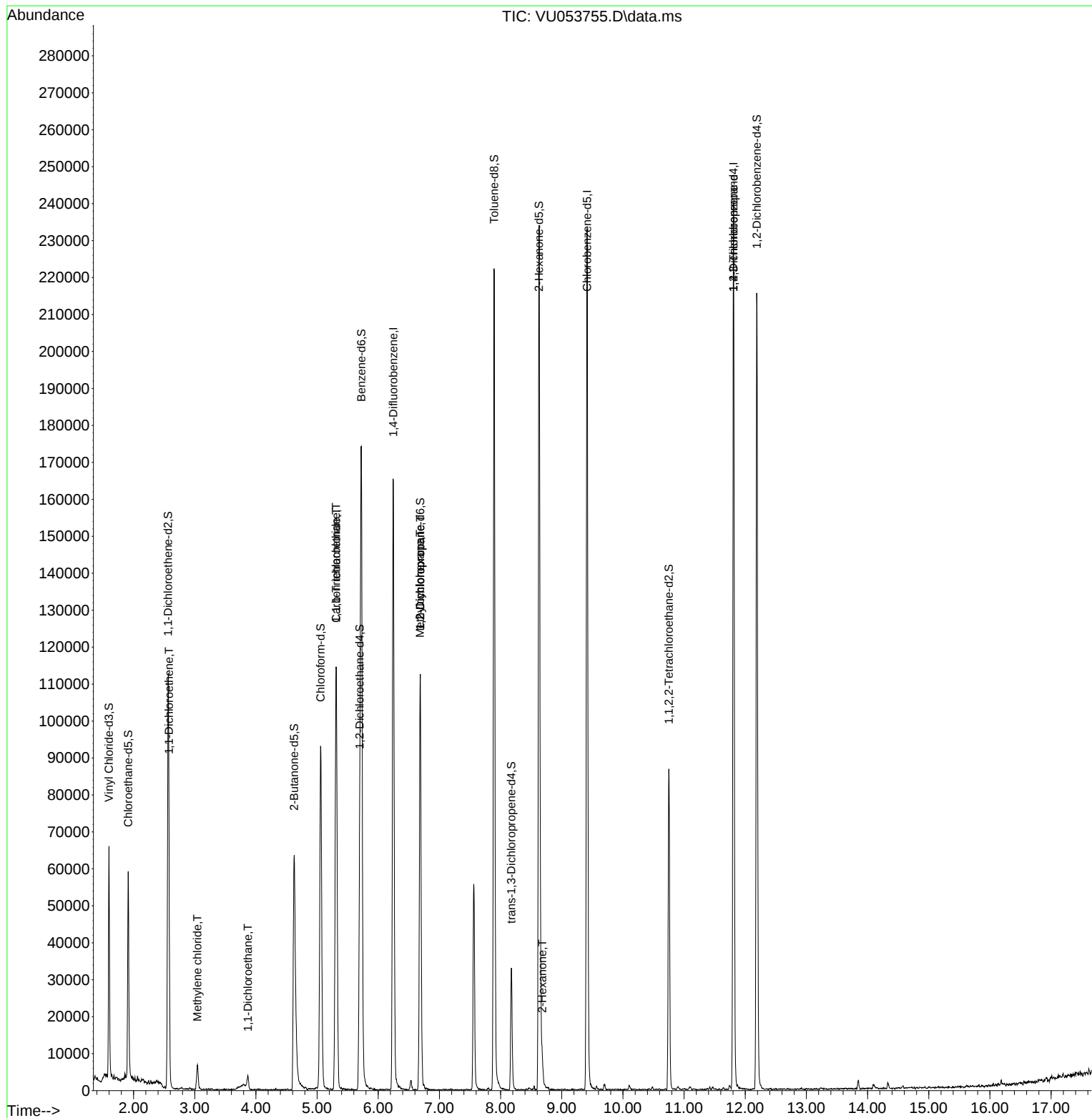
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46429	4.700	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.912	69	42210	4.708	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.565	65	17481	4.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.000%	
20) 2-Butanone-d5	4.626	46	99688	44.048	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.100%	
24) Chloroform-d	5.057	84	85611	4.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.697	65	44325	4.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.722	84	172241	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.687	67	56325	4.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.893	98	155917	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.176	79	20580	4.563	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.629	63	84674	46.222	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.440%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43402	4.437	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	12.188	152	59142	5.071	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	12172	1.497	ug/L #	39
16) Methylene chloride	3.041	84	3527	0.330	ug/L	92
19) 1,1-Dichloroethane	3.870	63	4170	0.268	ug/L #	87
29) 1,1,1-Trichloroethane	5.311	97	86608	6.446	ug/L	97
31) Carbon tetrachloride	5.311	117	11414	1.004	ug/L	98
35) Methylcyclohexane	6.684	83	12737	0.764	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5911	0.614	ug/L #	89
48) 2-Hexanone	8.684	43	2451	0.704	ug/L #	84
61) 1,2,3-Trichloropropane	11.809	75	7583	1.412	ug/L #	66

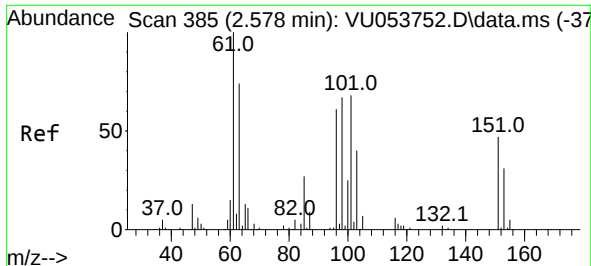
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.497 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053755.D

Acq: 18 Apr 2023 12:56

Instrument :

MSVOA_U

ClientSampleId :

C0AA6DL2

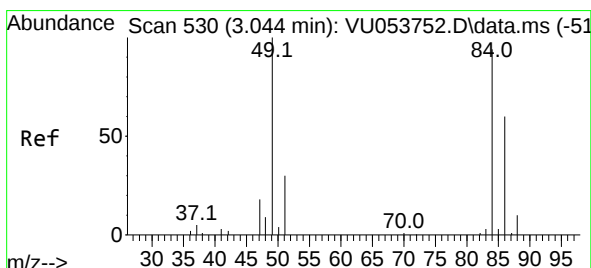
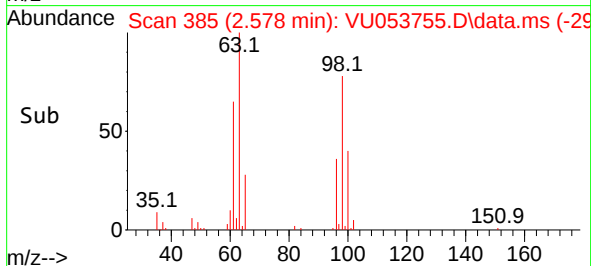
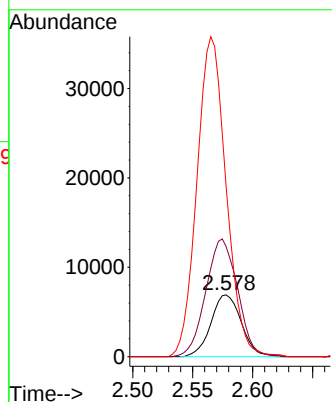
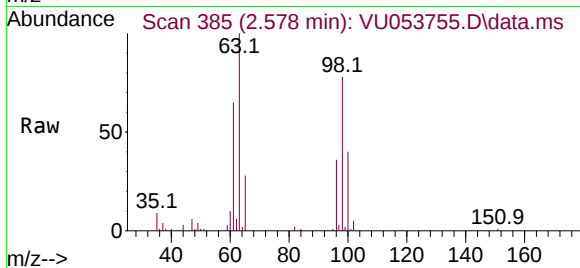
Tgt Ion: 96 Resp: 12172

Ion Ratio Lower Upper

96 100

61 178.1 116.8 216.8

63 275.4 88.6 164.6#



#16

Methylene chloride

Concen: 0.330 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU053755.D

Acq: 18 Apr 2023 12:56

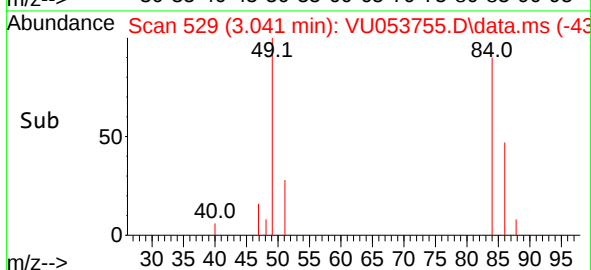
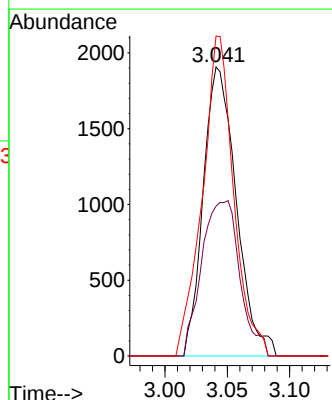
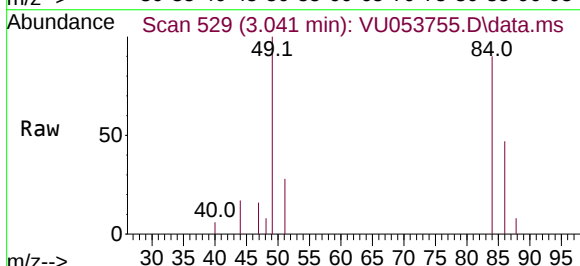
Tgt Ion: 84 Resp: 3527

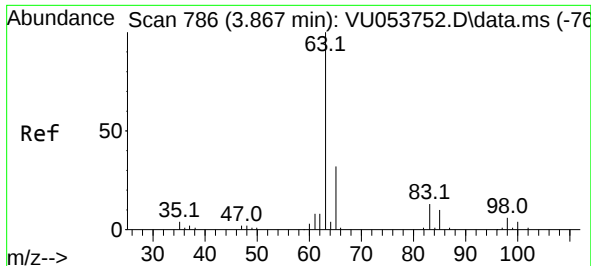
Ion Ratio Lower Upper

84 100

86 51.9 44.7 83.1

49 110.7 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.268 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053755.D

Acq: 18 Apr 2023 12:56

Instrument :

MSVOA_U

ClientSampleId :

C0AA6DL2

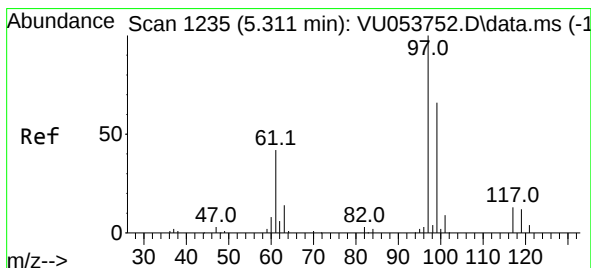
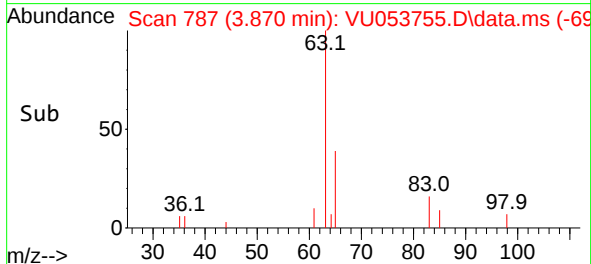
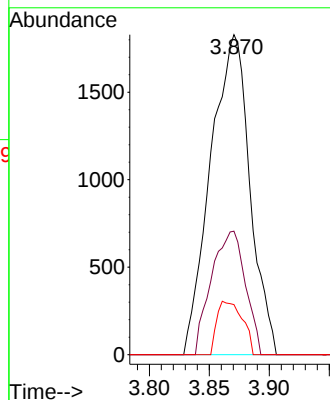
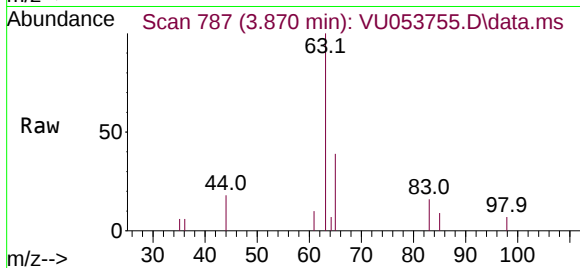
Tgt Ion: 63 Resp: 4170

Ion Ratio Lower Upper

63 100

65 38.6 21.7 40.3

83 15.6 8.1 15.1#



#29

1,1,1-Trichloroethane

Concen: 6.446 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053755.D

Acq: 18 Apr 2023 12:56

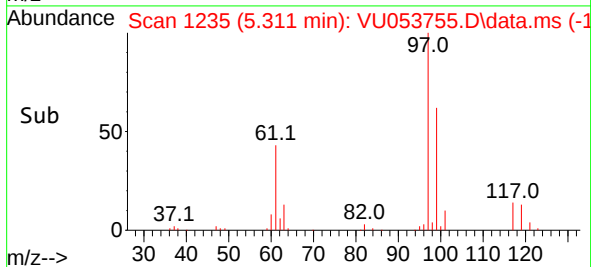
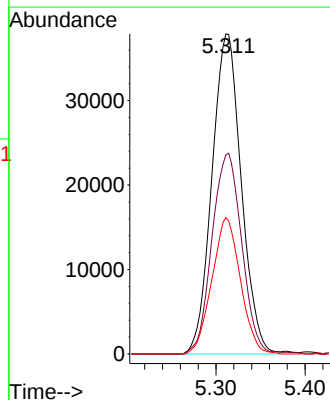
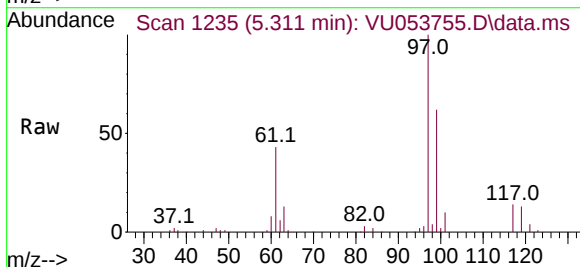
Tgt Ion: 97 Resp: 86608

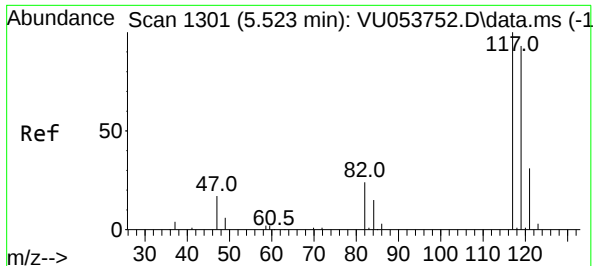
Ion Ratio Lower Upper

97 100

99 63.8 49.9 74.9

61 41.4 35.7 53.5

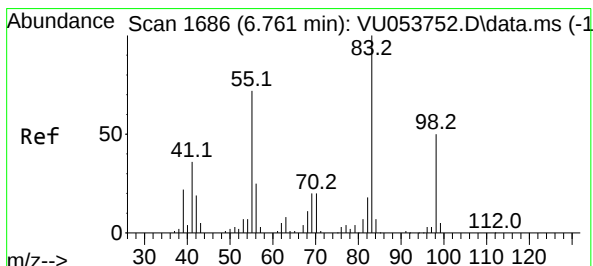
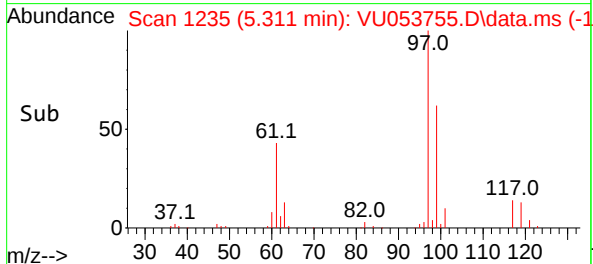
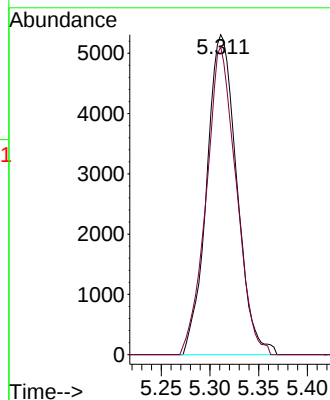
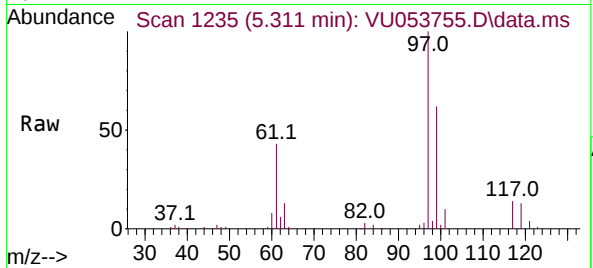




#31
Carbon tetrachloride
Concen: 1.004 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU053755.D
Acq: 18 Apr 2023 12:56

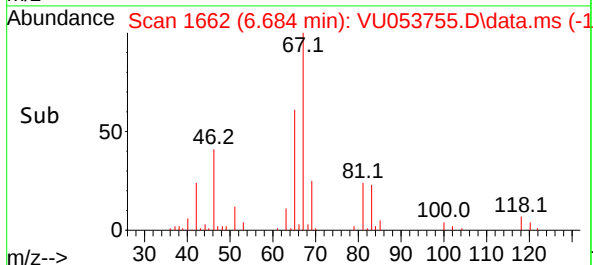
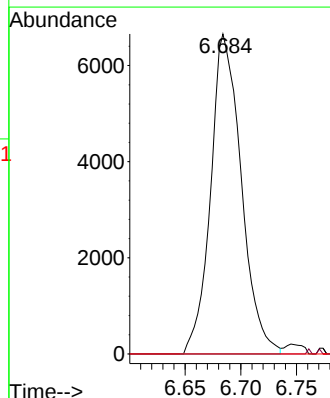
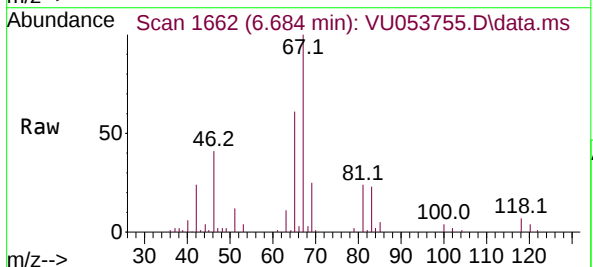
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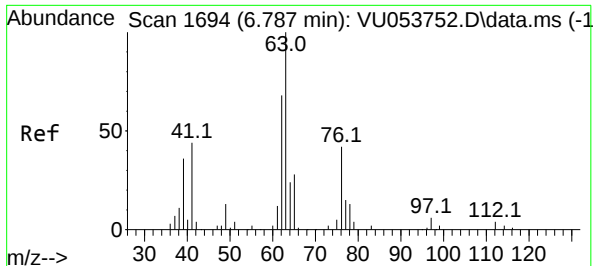
Tgt Ion:117 Resp: 11414
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5



#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053755.D
Acq: 18 Apr 2023 12:56

Tgt Ion: 83 Resp: 12737
Ion Ratio Lower Upper
83 100
55 0.2 54.9 82.3#
98 2.2 34.9 52.3#

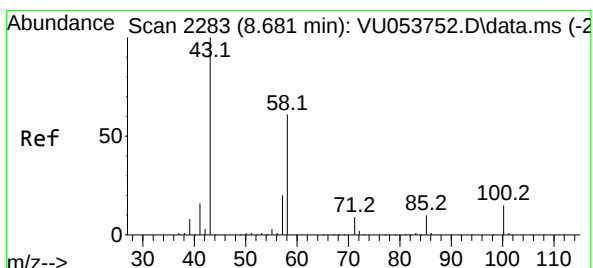
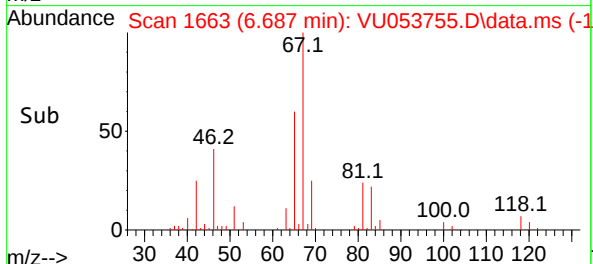
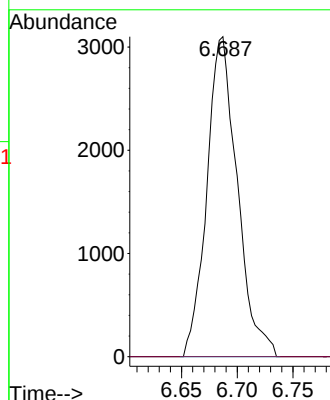
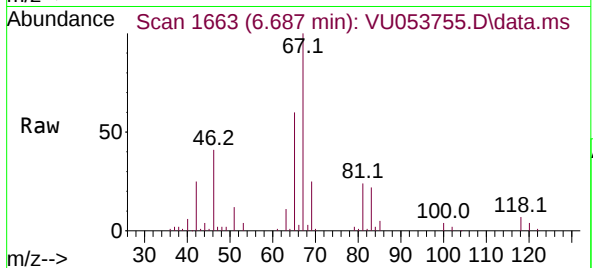




#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053755.D
Acq: 18 Apr 2023 12:56

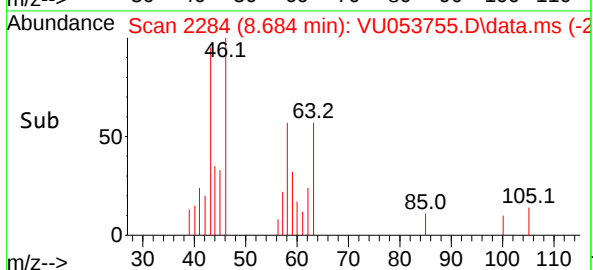
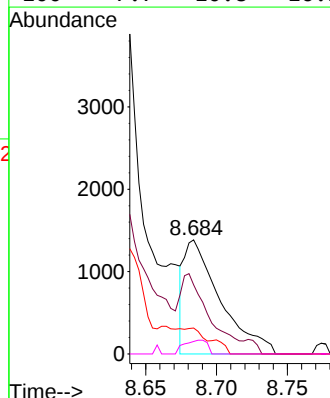
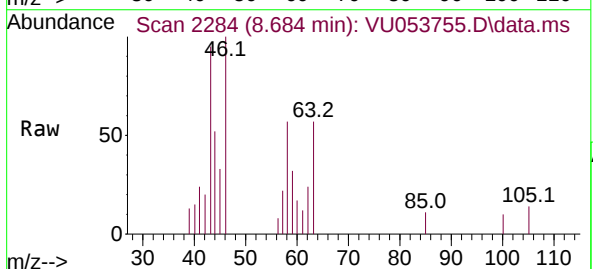
Instrument :
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ClientSampleId :
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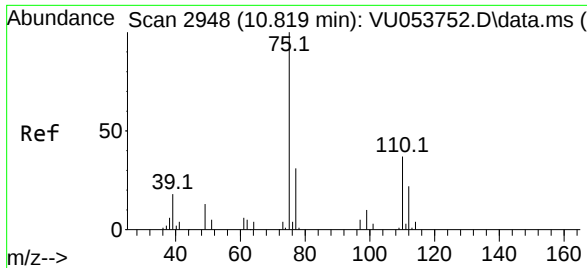
Tgt Ion: 63 Resp: 5911
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 0.704 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU053755.D
Acq: 18 Apr 2023 12:56

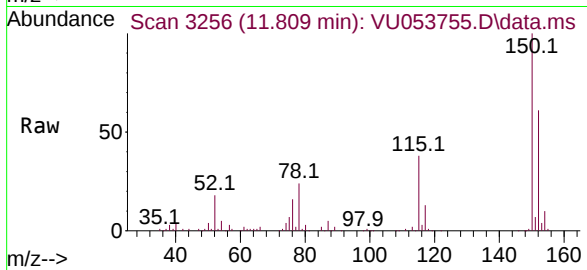
Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
58 60.8 52.8 79.2
57 0.0 17.1 25.7#
100 7.7 10.8 16.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.412 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053755.D
 Acq: 18 Apr 2023 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75	Resp:	7583
Ion Ratio	Lower	Upper
75	100	
110	1.3	30.6 46.0#
77	31.4	26.1 39.1

