

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053710.D
 Acq On : 14 Apr 2023 13:50
 Operator : JC/MD
 Sample : 02254-19DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC8DL

Quant Time: Apr 15 05:31:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

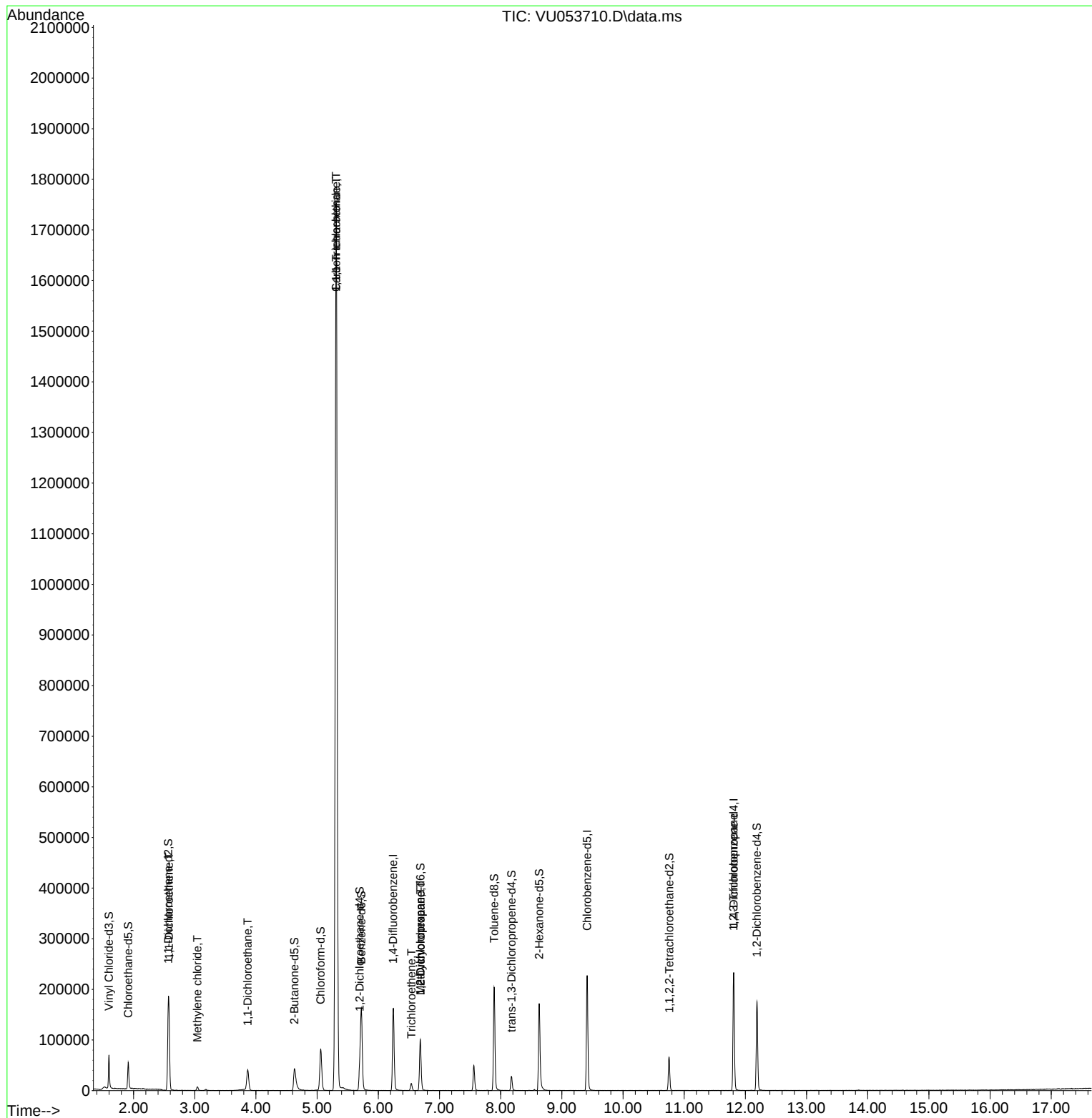
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	143182	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49505	5.026	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.912	69	38911	4.353	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18568	4.425	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.629	46	73313	32.490	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	64.980%	
24) Chloroform-d	5.057	84	78288	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.697	65	36978	3.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
32) Benzene-d6	5.723	84	160615	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.687	67	47424	4.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.893	98	144603	4.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	8.176	79	17460	3.954	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.629	63	63256	35.266	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.540%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	33657	3.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	70.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	49112	4.258	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	46928	5.789	ug/L	84
16) Methylene chloride	3.041	84	3642	0.342	ug/L	96
19) 1,1-Dichloroethane	3.864	63	45117	2.909	ug/L #	95
29) 1,1,1-Trichloroethane	5.311	97	1279371	97.247	ug/L	96
31) Carbon tetrachloride	5.311	117	172208	15.470	ug/L	98
34) Trichloroethene	6.539	95	5026	0.529	ug/L	96
35) Methylcyclohexane	6.687	83	11686	0.716	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4898	0.520	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	7366	1.387	ug/L #	65

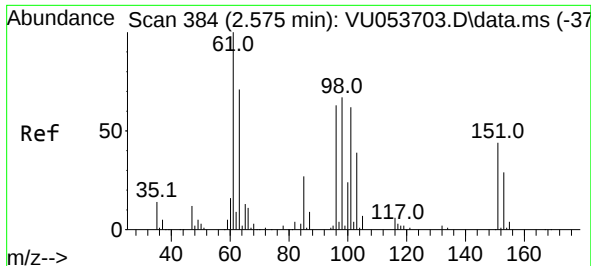
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.789 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053710.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AC8DL

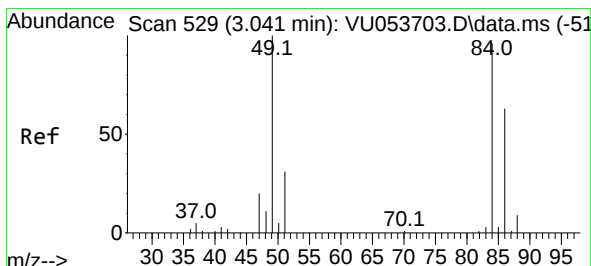
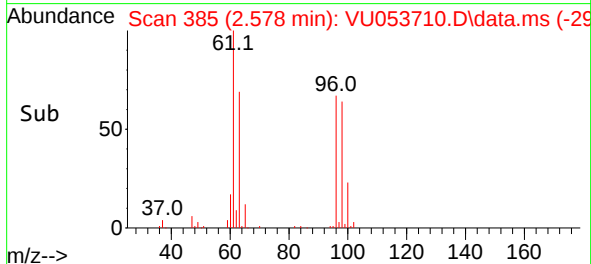
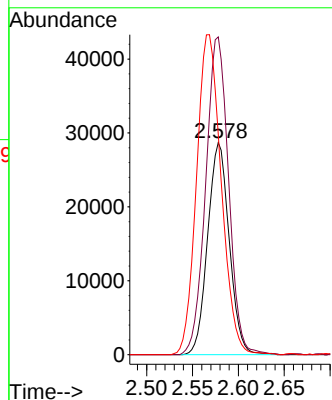
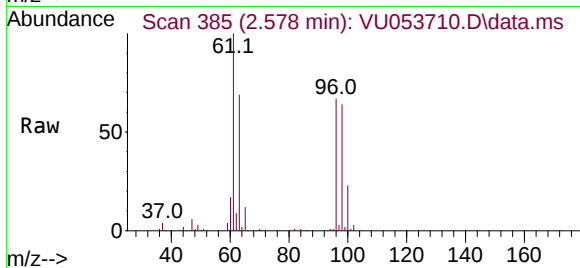
Tgt Ion: 96 Resp: 46928

Ion Ratio Lower Upper

96 100

61 149.7 116.8 216.8

63 103.7 88.6 164.6



#16

Methylene chloride

Concen: 0.342 ug/L

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU053710.D

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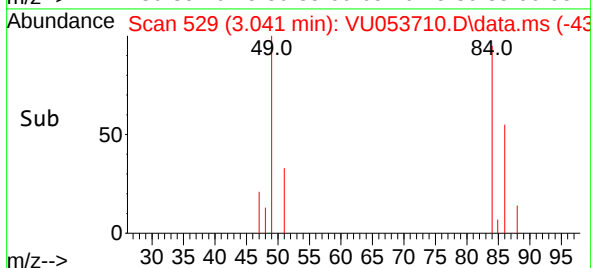
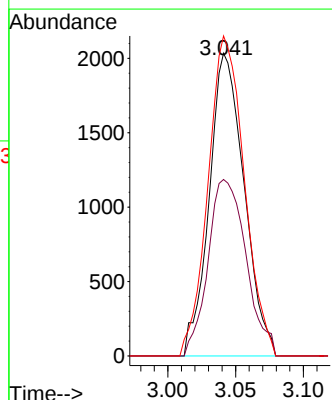
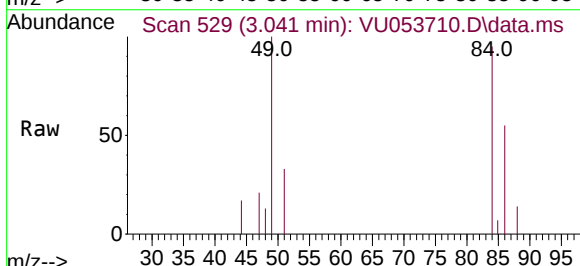
Tgt Ion: 84 Resp: 3642

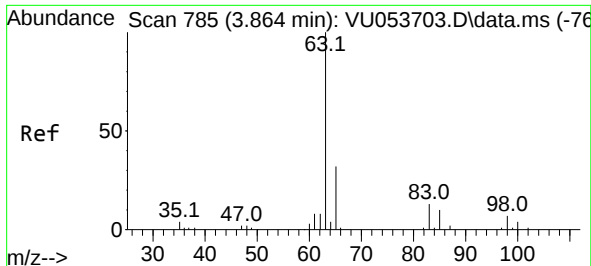
Ion Ratio Lower Upper

84 100

86 58.3 44.7 83.1

49 105.7 75.5 140.1





#19

1,1-Dichloroethane

Concen: 2.909 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU053710.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AC8DL

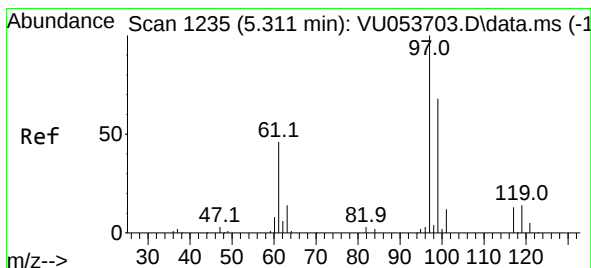
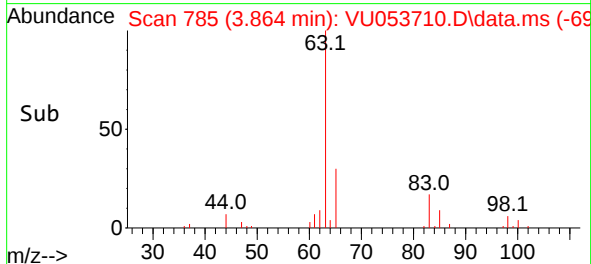
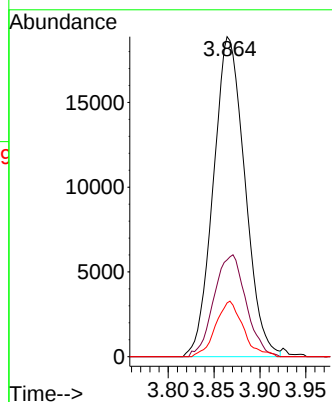
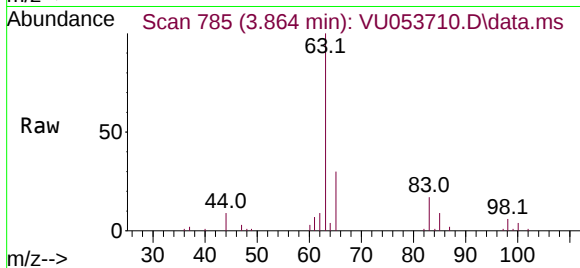
Tgt Ion: 63 Resp: 45117

Ion Ratio Lower Upper

63 100

65 30.3 21.7 40.3

83 16.8 8.1 15.1#



#29

1,1,1-Trichloroethane

Concen: 97.247 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053710.D

Acq: 14 Apr 2023 13:50

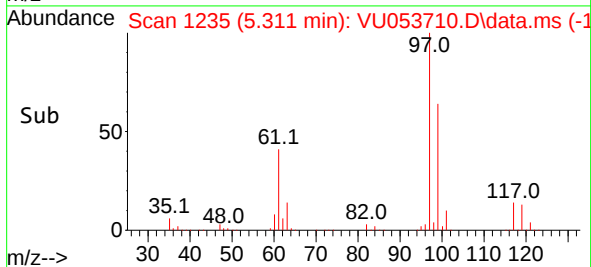
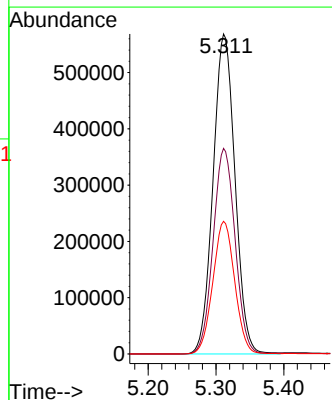
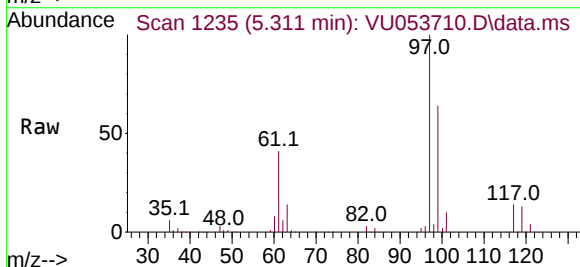
Tgt Ion: 97 Resp: 1279371

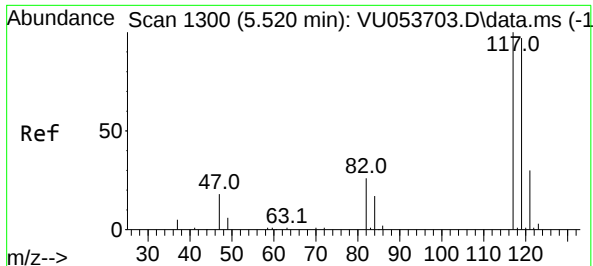
Ion Ratio Lower Upper

97 100

99 64.3 49.9 74.9

61 41.3 35.7 53.5

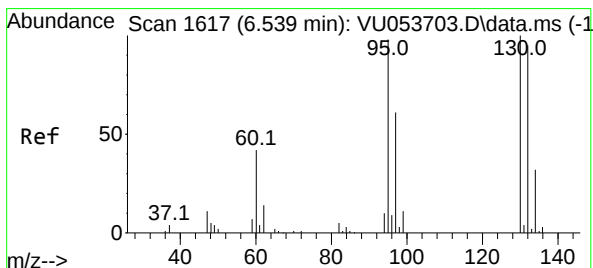
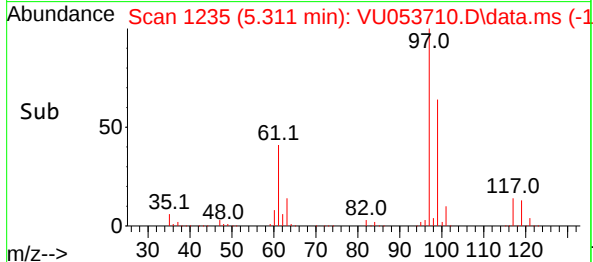
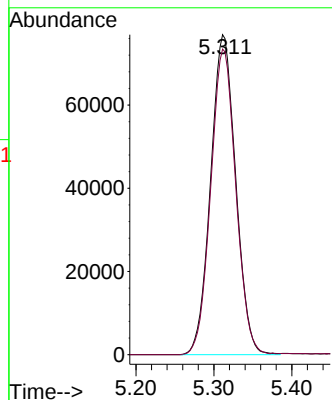
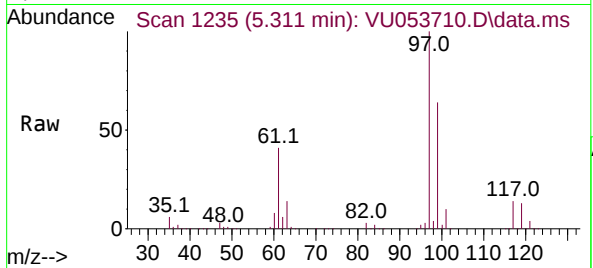




#31
Carbon tetrachloride
Concen: 15.470 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

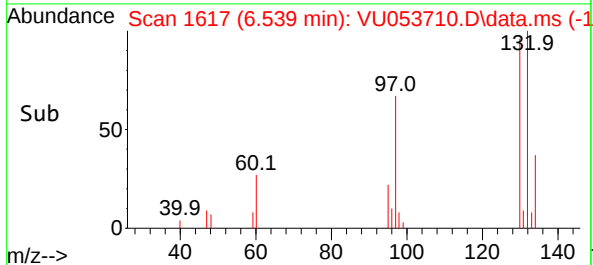
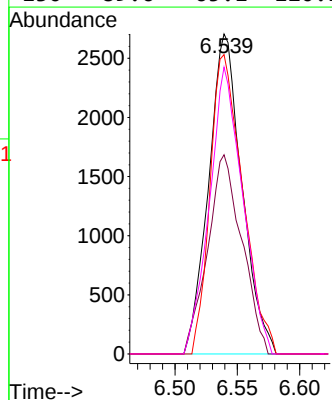
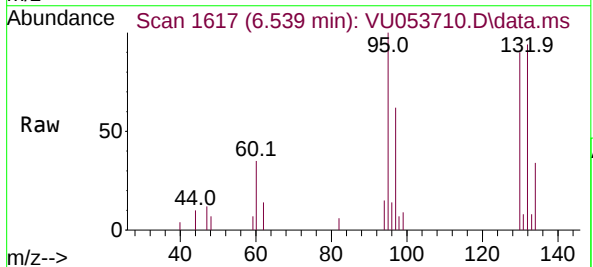
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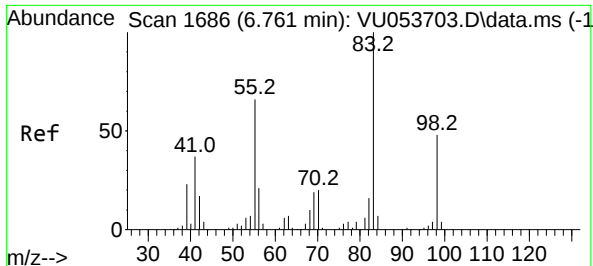
Tgt Ion:117 Resp: 172208
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5



#34
Trichloroethene
Concen: 0.529 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

Tgt Ion: 95 Resp: 5026
Ion Ratio Lower Upper
95 100
97 62.3 45.3 84.1
132 93.6 62.8 116.6
130 89.6 65.1 120.9

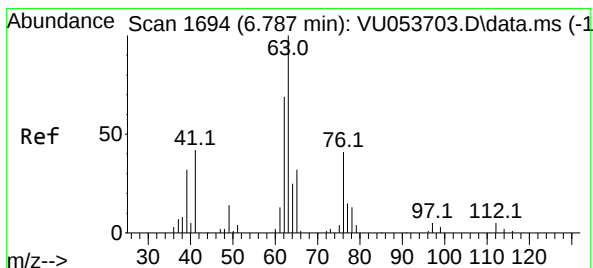
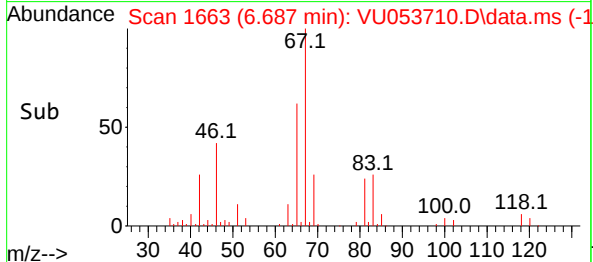
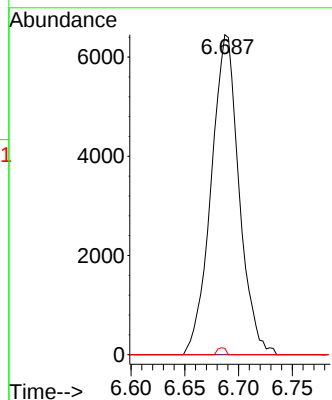
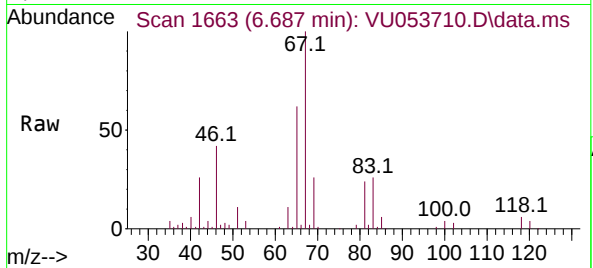




#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

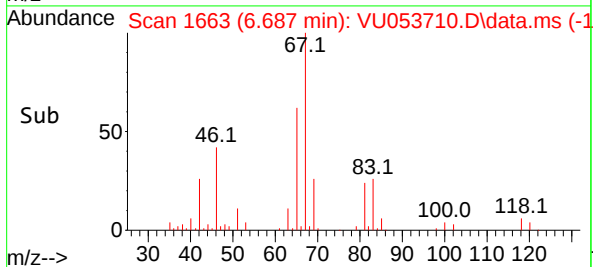
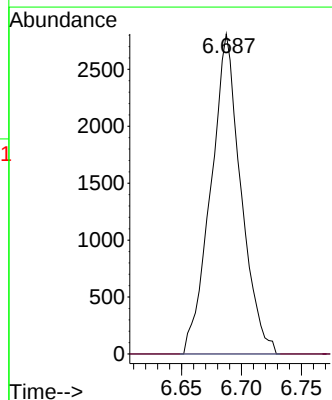
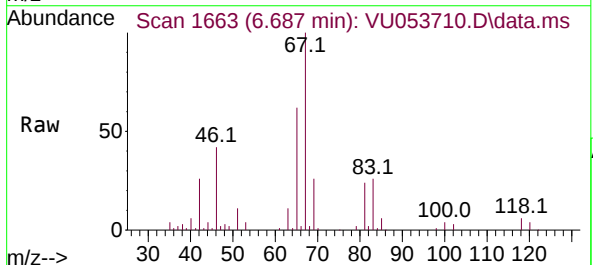
Instrument :
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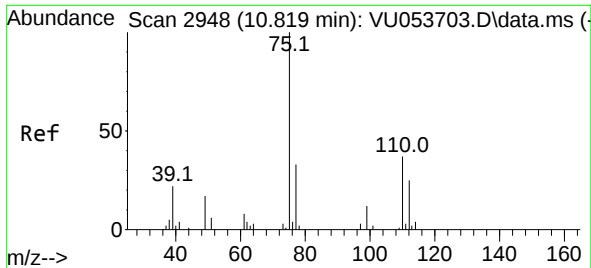
Tgt Ion: 83 Resp: 11686
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.6 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

Tgt Ion: 63 Resp: 4898
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61

1,2,3-Trichloropropane

Concen: 1.387 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053710.D

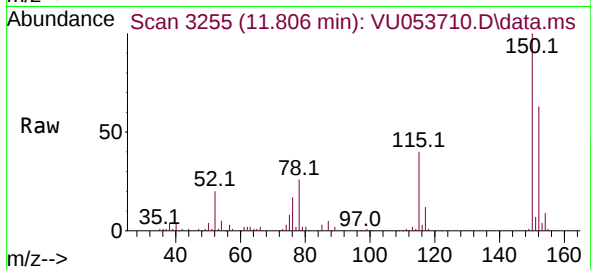
Acq: 14 Apr 2023 13:50

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 7366

Ion Ratio Lower Upper

75 100

110 2.1 30.6 46.0#

77 35.7 26.1 39.1

