

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053706.D
 Acq On : 14 Apr 2023 11:17
 Operator : JC/MD
 Sample : 02254-20DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3DL

Quant Time: Apr 15 05:30:48 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)

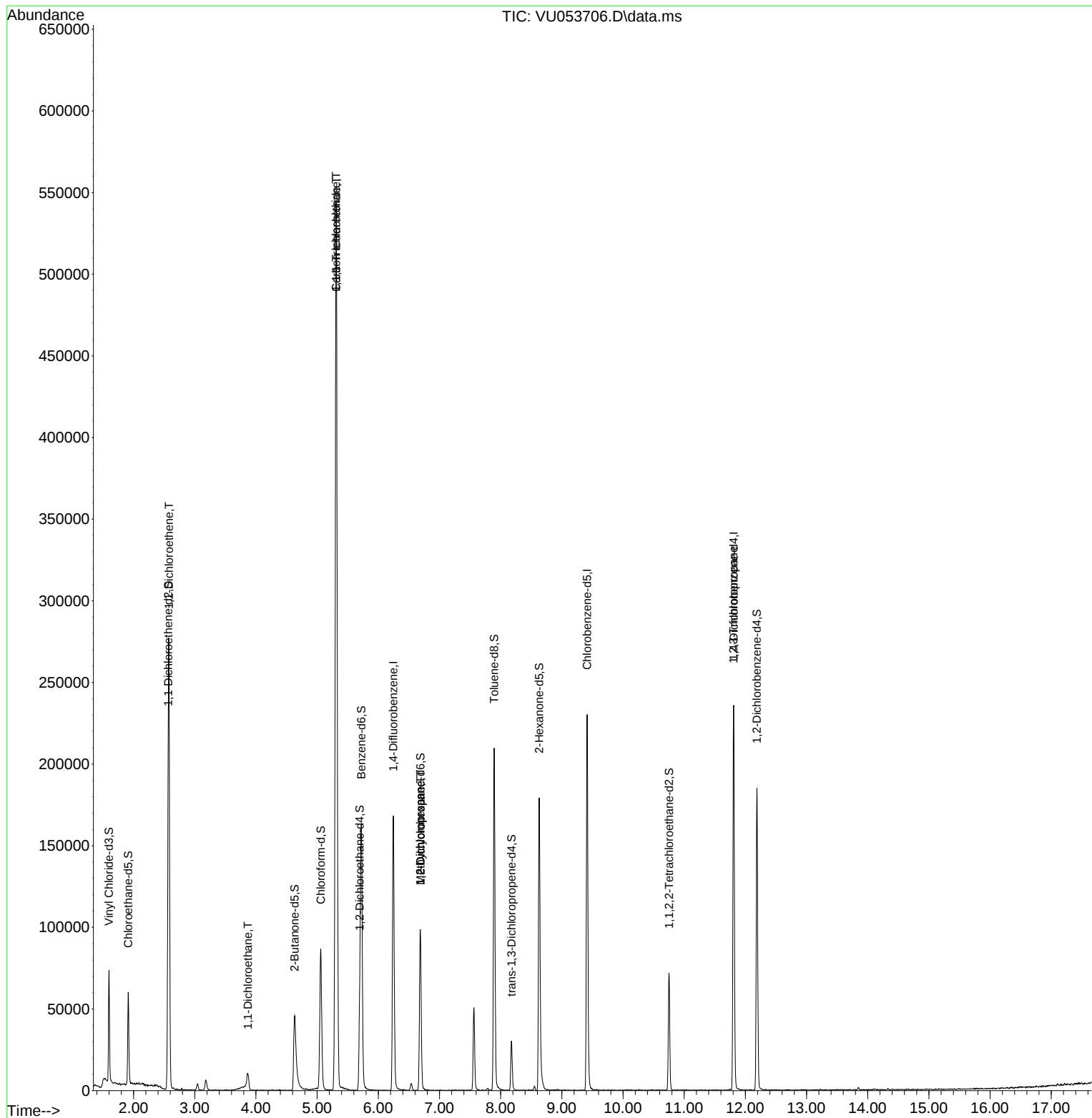
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51445	5.213	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.200%		
7) Chloroethane-d5	1.913	69	41675	4.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 93.000%		
11) 1,1-Dichloroethene-d2	2.565	65	19022	4.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 90.600%		
20) 2-Butanone-d5	4.633	46	76819	33.981	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 67.960%		
24) Chloroform-d	5.060	84	78307	4.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.600%		
26) 1,2-Dichloroethane-d4	5.697	65	38369	4.093	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 81.800%		
32) Benzene-d6	5.723	84	165229	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.400%		
36) 1,2-Dichloropropane-d6	6.687	67	49883	4.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 84.600%		
41) Toluene-d8	7.893	98	150781	4.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.600%		
43) trans-1,3-Dichloroprop...	8.176	79	17914	3.959	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 79.200%		
46) 2-Hexanone-d5	8.629	63	66045	35.932	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 71.860%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35554	3.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 72.400%		
66) 1,2-Dichlorobenzene-d4	12.189	152	51081	4.326	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 86.600%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.578	96	76694	9.443	ug/L #	78
19) 1,1-Dichloroethane	3.867	63	11560	0.744	ug/L	91
29) 1,1,1-Trichloroethane	5.311	97	398180	29.536	ug/L	97
31) Carbon tetrachloride	5.311	117	52765	4.626	ug/L	96
35) Methylcyclohexane	6.687	83	11497	0.688	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5364	0.555	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	7748	1.425	ug/L #	65

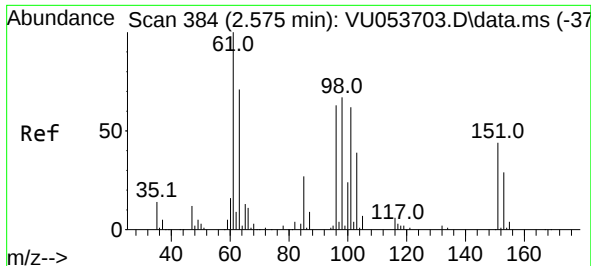
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 9.443 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053706.D

Acq: 14 Apr 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

C0AD3DL

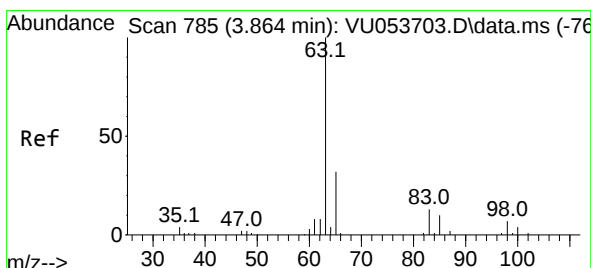
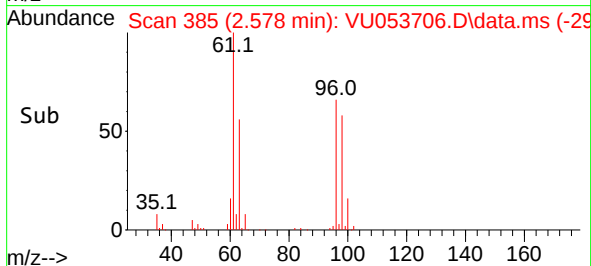
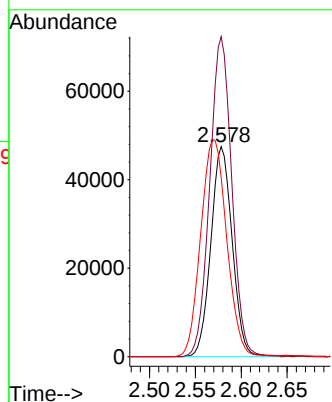
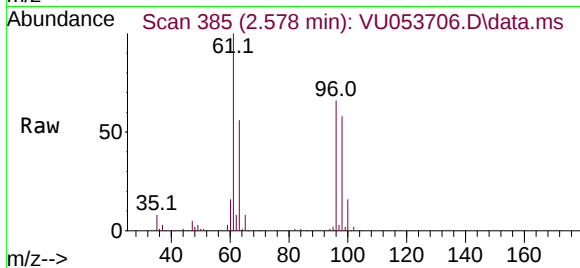
Tgt Ion: 96 Resp: 76694

Ion Ratio Lower Upper

96 100

61 152.3 116.8 216.8

63 85.5 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.744 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053706.D

Acq: 14 Apr 2023 11:17

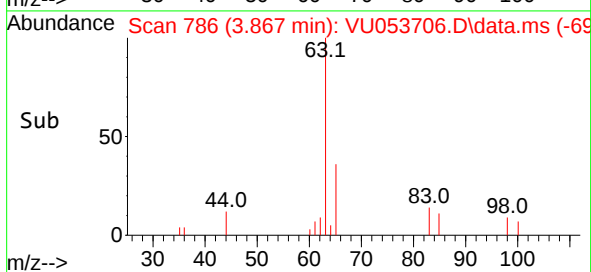
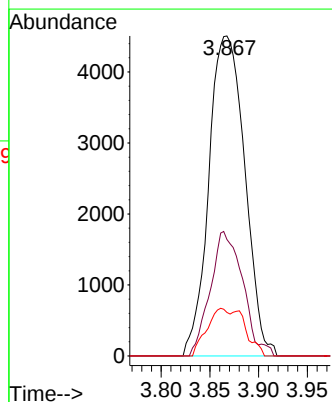
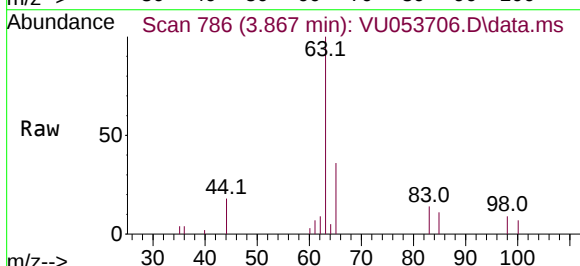
Tgt Ion: 63 Resp: 11560

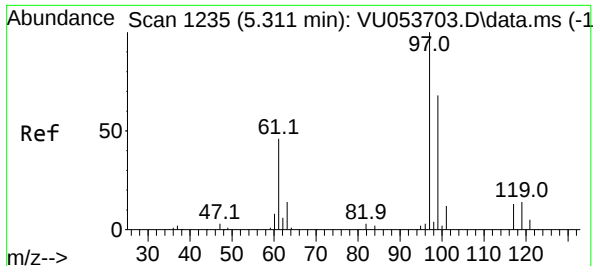
Ion Ratio Lower Upper

63 100

65 36.4 21.7 40.3

83 13.6 8.1 15.1

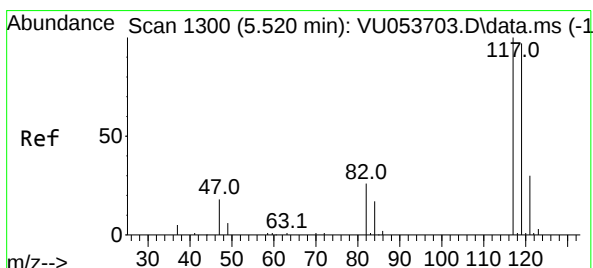
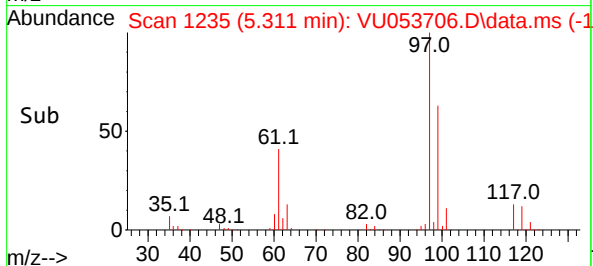
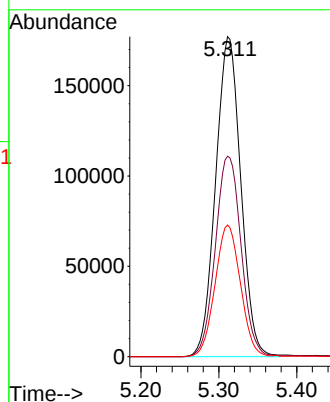
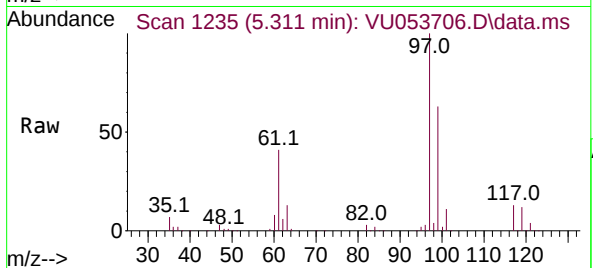




#29
1,1,1-Trichloroethane
Concen: 29.536 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU053706.D
Acq: 14 Apr 2023 11:17

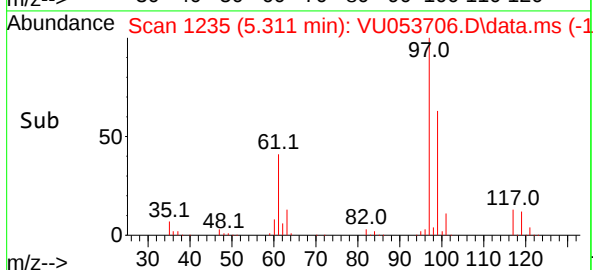
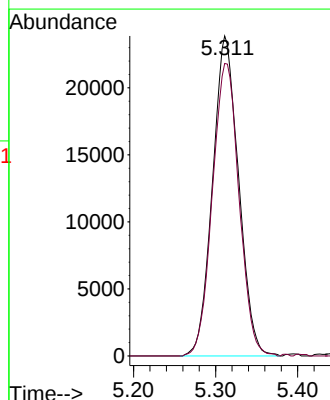
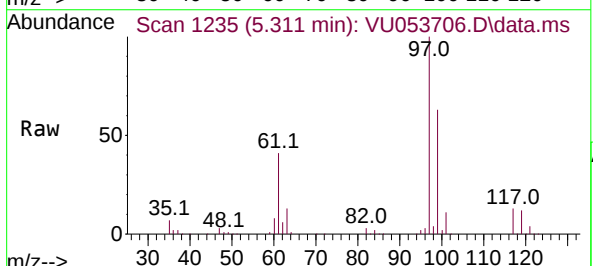
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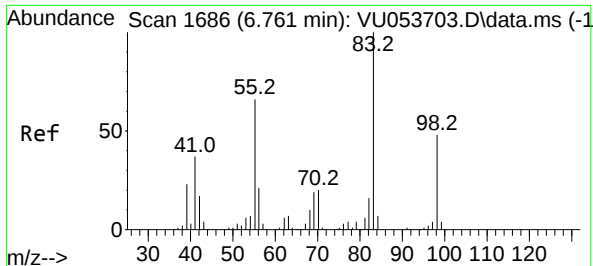
Tgt Ion: 97 Resp: 398180
Ion Ratio Lower Upper
97 100
99 64.3 49.9 74.9
61 41.5 35.7 53.5



#31
Carbon tetrachloride
Concen: 4.626 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.209 min
Lab File: VU053706.D
Acq: 14 Apr 2023 11:17

Tgt Ion: 117 Resp: 52765
Ion Ratio Lower Upper
117 100
119 93.4 77.7 116.5

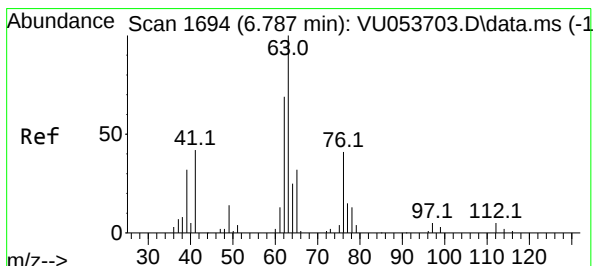
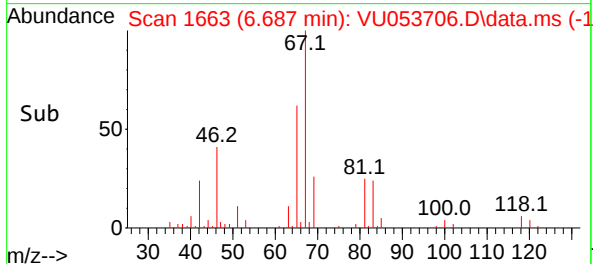
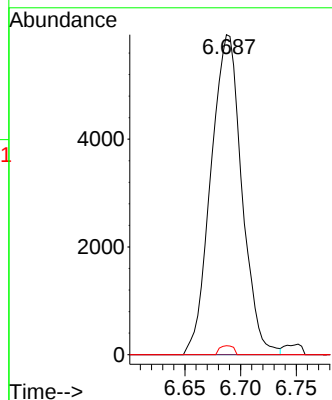
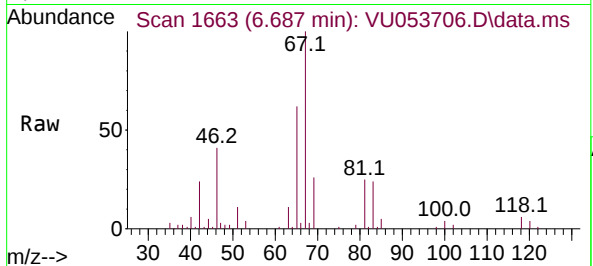




#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053706.D
Acq: 14 Apr 2023 11:17

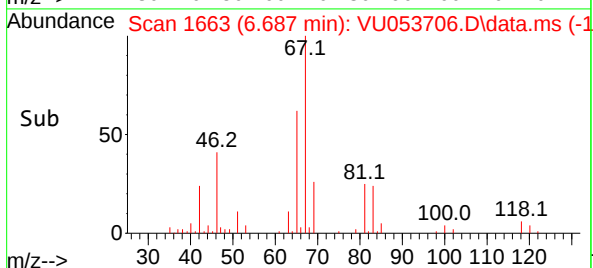
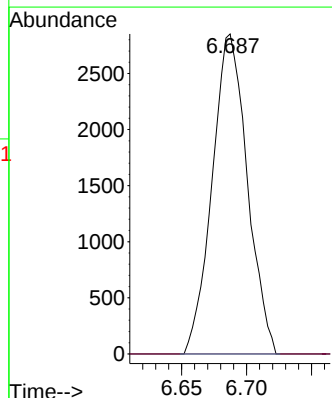
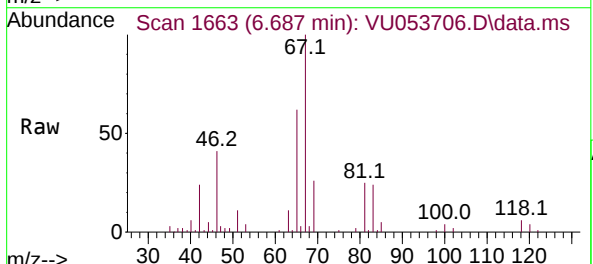
Instrument :
MSVOA_U
ClientSampleId :
C0AD3DL

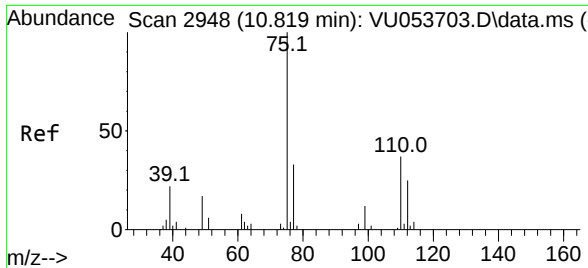
Tgt Ion: 83 Resp: 11497
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.2 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053706.D
Acq: 14 Apr 2023 11:17

Tgt Ion: 63 Resp: 5364
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.425 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053706.D
 Acq: 14 Apr 2023 11:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3DL

Tgt Ion: 75	Resp:	7748
Ion Ratio	Lower	Upper
75	100	
110	1.2	30.6 46.0#
77	30.8	26.1 39.1

