

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053718.D
 Acq On : 14 Apr 2023 17:03
 Operator : JC/MD
 Sample : 02254-16DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6DL

Quant Time: Apr 15 05:33:26 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)

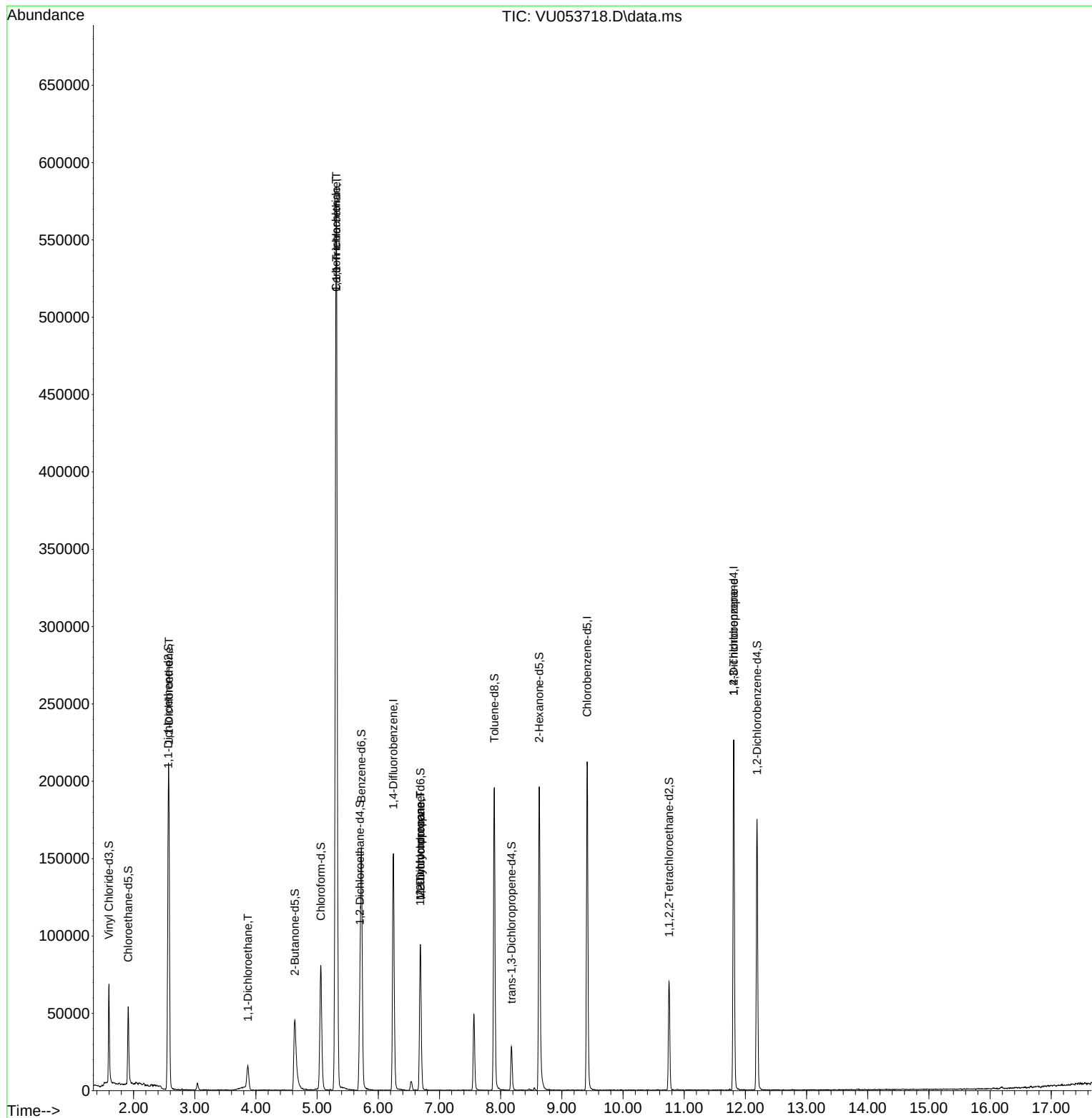
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	124633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47946	5.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.912	69	38957	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.565	65	16621	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.636	46	83514	40.159	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.320%
24) Chloroform-d	5.060	84	74540	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	37004	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.723	84	153667	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	47564	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.896	98	139247	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.179	79	17338	4.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.629	63	72566	43.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36013	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	48173	4.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	55532	7.433	ug/L #	77
19) 1,1-Dichloroethane	3.867	63	18619	1.302	ug/L #	95
29) 1,1,1-Trichloroethane	5.314	97	423173	34.392	ug/L	96
31) Carbon tetrachloride	5.311	117	57321	5.506	ug/L	98
35) Methylcyclohexane	6.687	83	10740	0.704	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4987	0.566	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7137	1.416	ug/L #	65

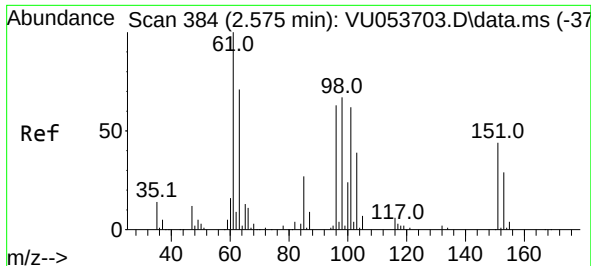
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.433 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053718.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AA6DL

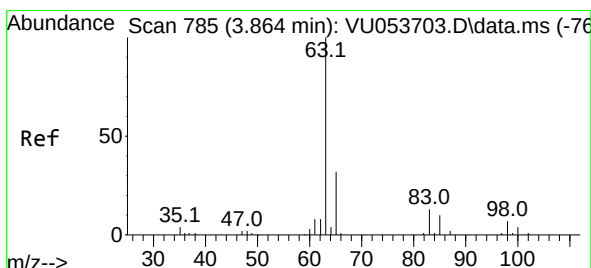
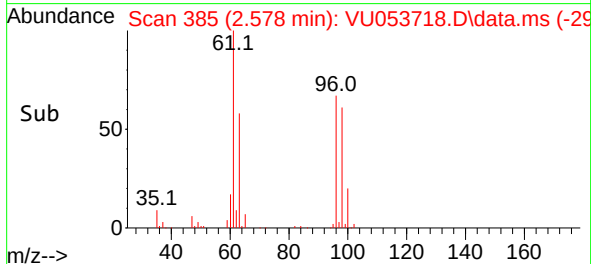
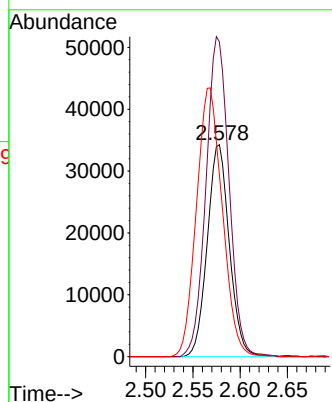
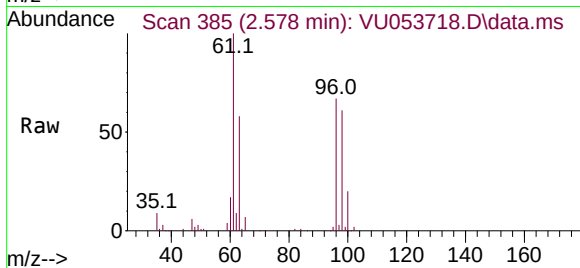
Tgt Ion: 96 Resp: 55532

Ion Ratio Lower Upper

96 100

61 148.6 116.8 216.8

63 85.8 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 1.302 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053718.D

Acq: 14 Apr 2023 17:03

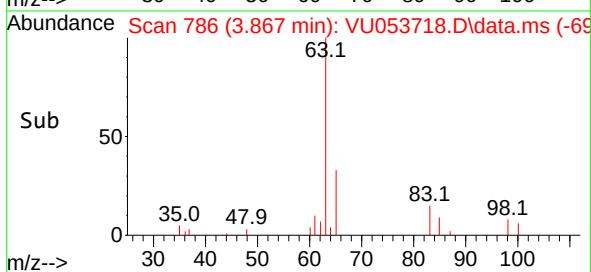
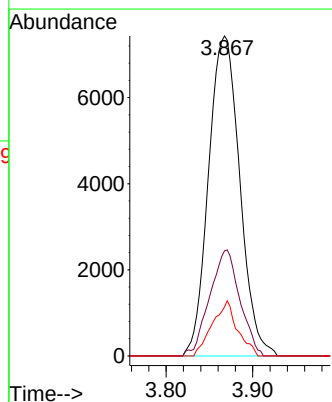
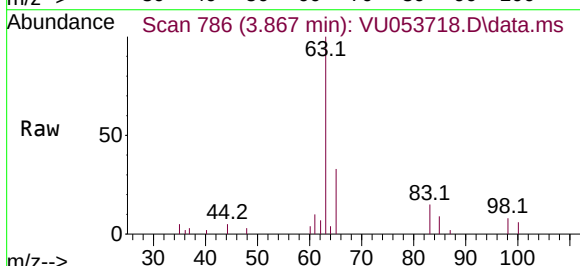
Tgt Ion: 63 Resp: 18619

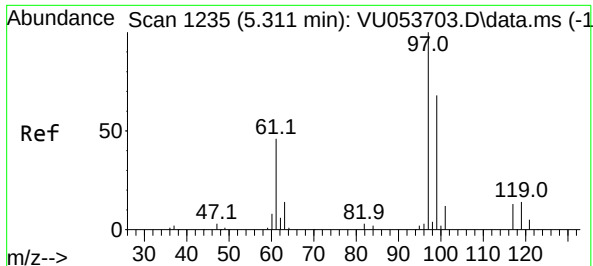
Ion Ratio Lower Upper

63 100

65 32.9 21.7 40.3

83 15.4 8.1 15.1#





#29

1,1,1-Trichloroethane

Concen: 34.392 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053718.D

Acq: 14 Apr 2023 17:03

Instrument :

MSVOA_U

ClientSampleId :

C0AA6DL

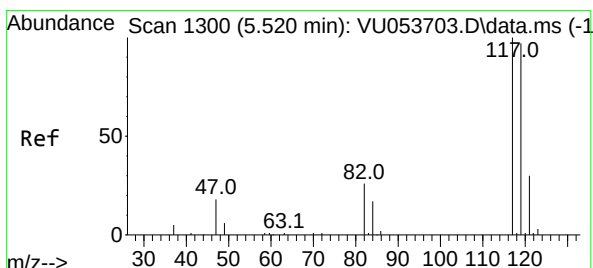
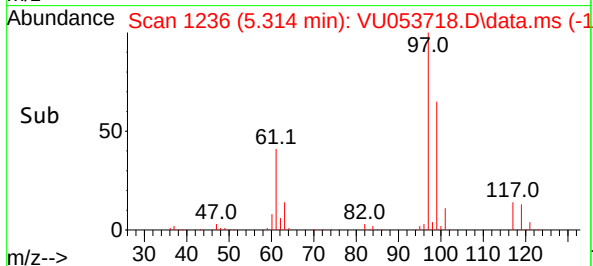
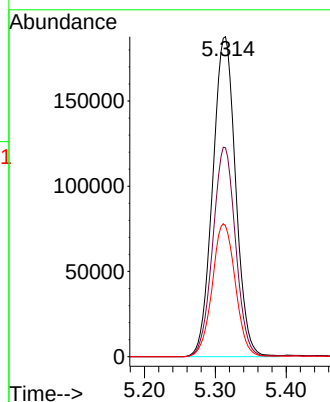
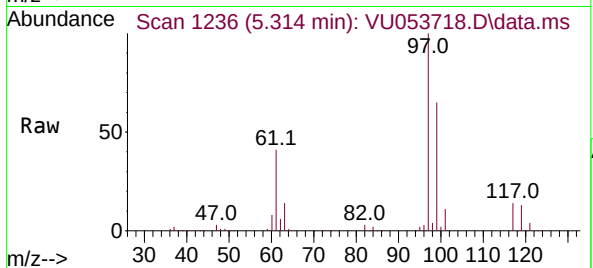
Tgt Ion: 97 Resp: 423173

Ion Ratio Lower Upper

97 100

99 65.0 49.9 74.9

61 41.8 35.7 53.5



#31

Carbon tetrachloride

Concen: 5.506 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.209 min

Lab File: VU053718.D

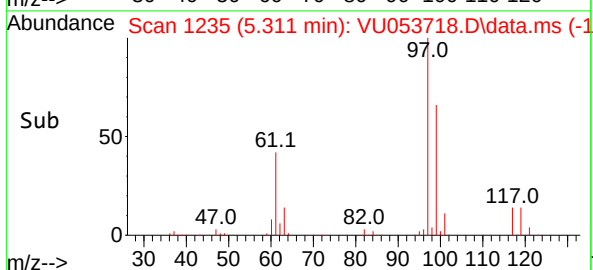
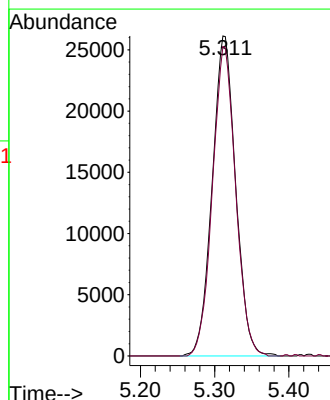
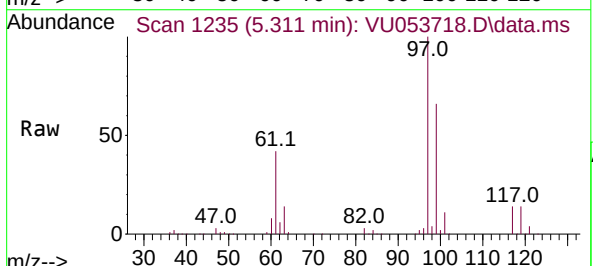
Acq: 14 Apr 2023 17:03

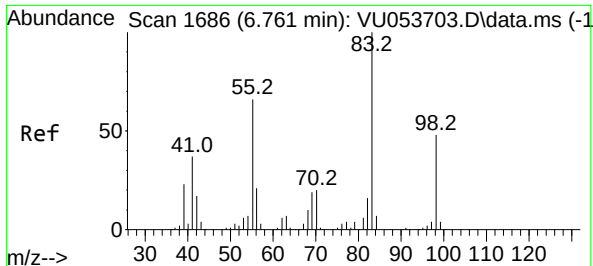
Tgt Ion: 117 Resp: 57321

Ion Ratio Lower Upper

117 100

119 95.6 77.7 116.5

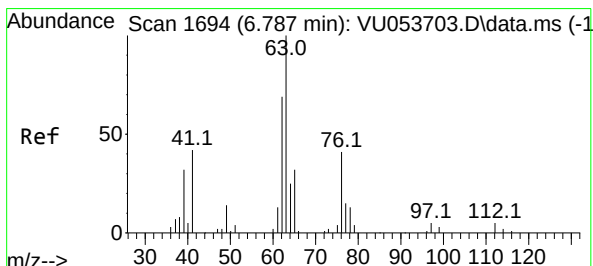
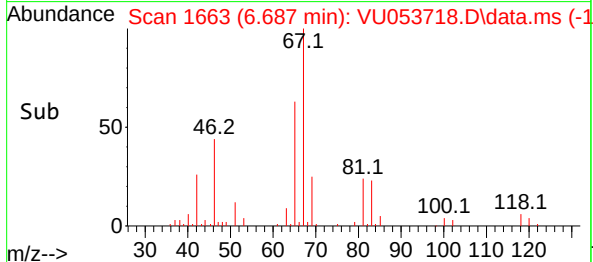
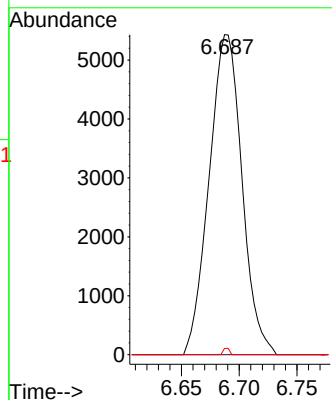
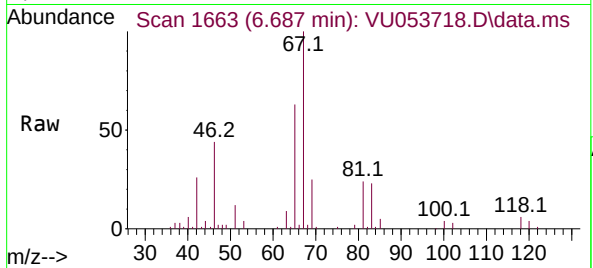




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053718.D
Acq: 14 Apr 2023 17:03

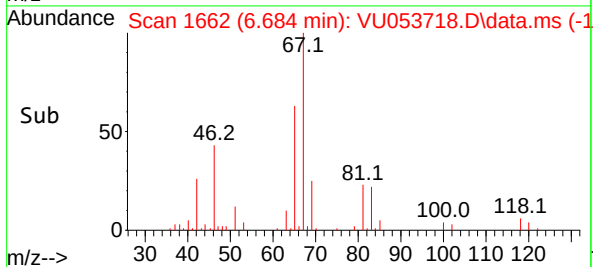
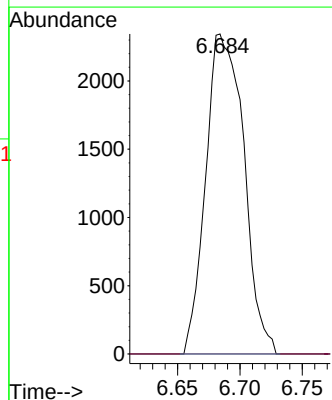
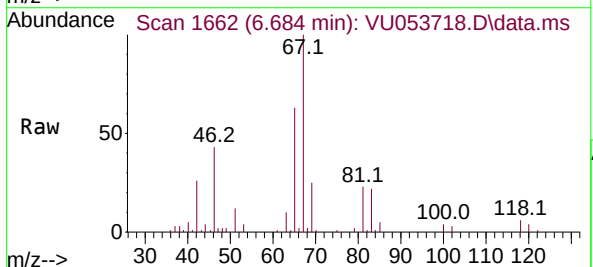
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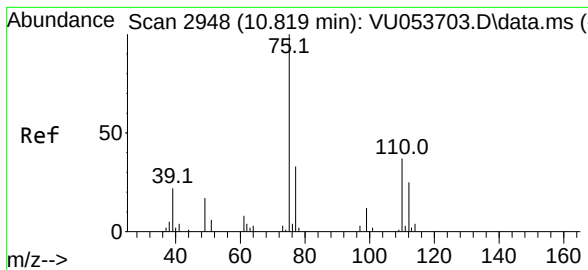
Tgt Ion: 83 Resp: 10740
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.4 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053718.D
Acq: 14 Apr 2023 17:03

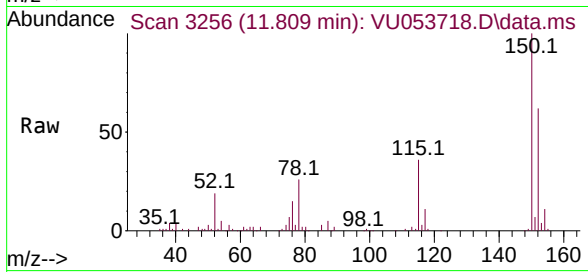
Tgt Ion: 63 Resp: 4987
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.416 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053718.D
 Acq: 14 Apr 2023 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6DL



Tgt Ion: 75	Resp:	7137
Ion Ratio	Lower	Upper
75	100	
110	0.5	30.6 46.0#
77	33.7	26.1 39.1

