

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053709.D
 Acq On : 14 Apr 2023 13:26
 Operator : JC/MD
 Sample : 02254-18DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC0DL

Quant Time: Apr 15 05:31:28 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)

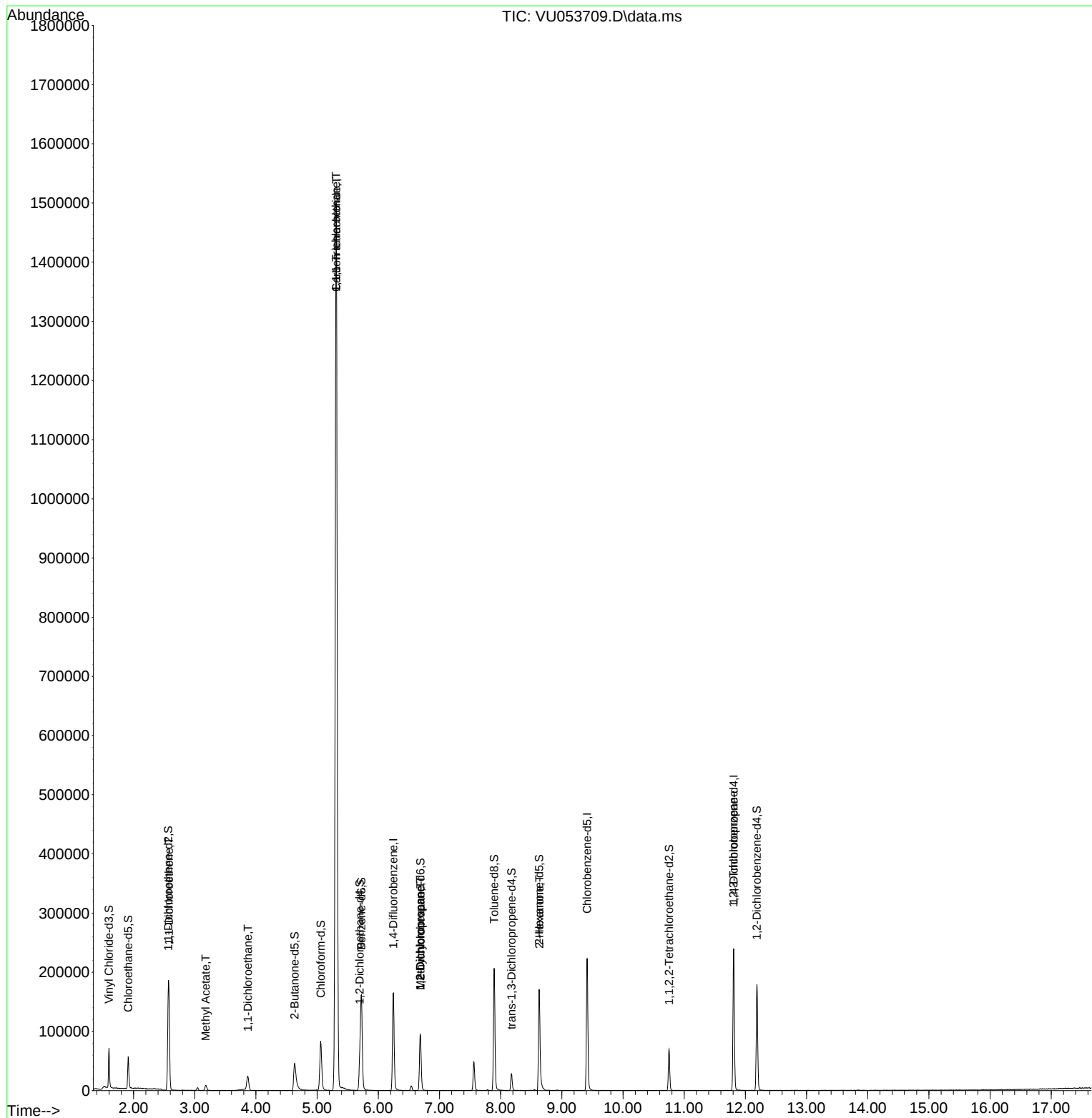
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	142962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49637	5.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.912	69	40405	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.565	65	19011	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.633	46	73501	32.623	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.240%
24) Chloroform-d	5.060	84	77457	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.697	65	38104	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.723	84	159212	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.687	67	48945	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.893	98	145802	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	17595	4.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.629	63	62690	35.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33935	3.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	50022	4.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	44455	5.492	ug/L	87
15) Methyl Acetate	3.179	43	611	0.195	ug/L #	49
19) 1,1-Dichloroethane	3.867	63	28236	1.823	ug/L #	96
29) 1,1,1-Trichloroethane	5.311	97	1093197	84.262	ug/L	97
31) Carbon tetrachloride	5.314	117	145538	13.258	ug/L	100
35) Methylcyclohexane	6.687	83	11331	0.704	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	5427	0.584	ug/L #	89
48) 2-Hexanone	8.632	43	6508	1.935	ug/L #	66
61) 1,2,3-Trichloropropane	11.806	75	7869	1.452	ug/L #	67

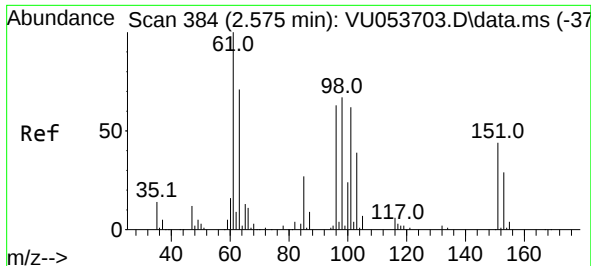
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.492 ug/L

RT: 2.578 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053709.D

Acq: 14 Apr 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

C0AC0DL

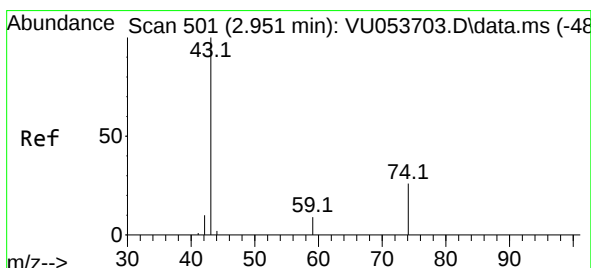
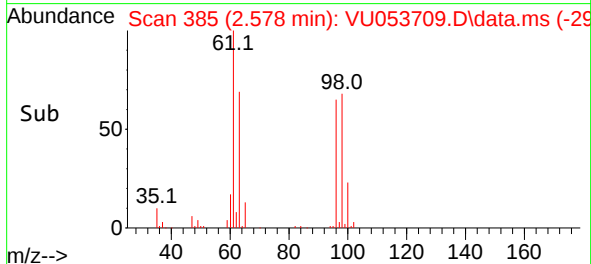
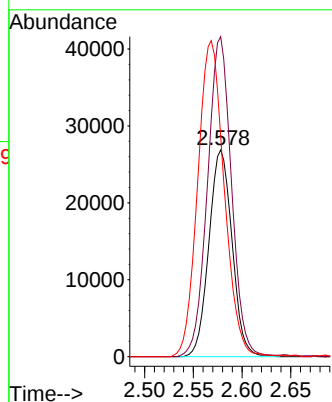
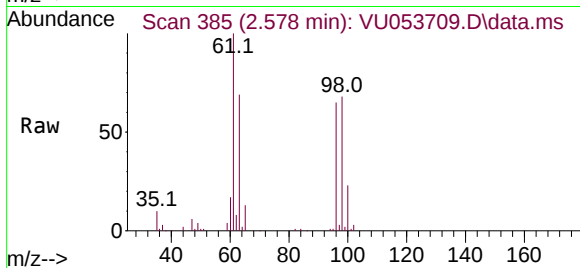
Tgt Ion: 96 Resp: 44455

Ion Ratio Lower Upper

96 100

61 154.8 116.8 216.8

63 106.7 88.6 164.6



#15

Methyl Acetate

Concen: 0.195 ug/L

RT: 3.179 min Scan# 572

Delta R.T. 0.228 min

Lab File: VU053709.D

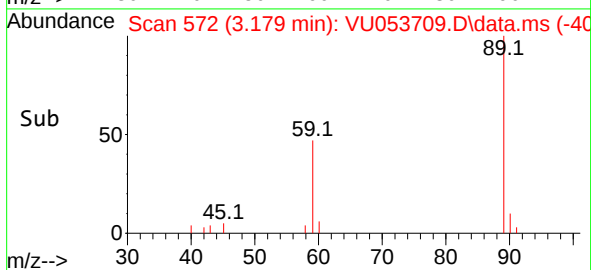
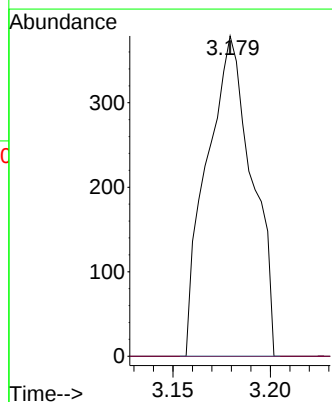
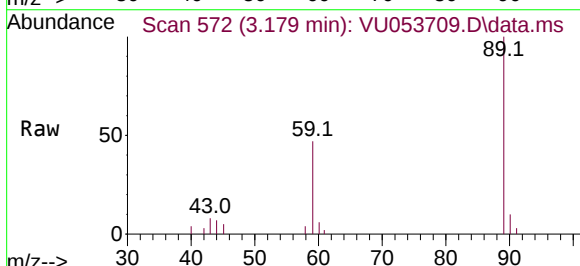
Acq: 14 Apr 2023 13:26

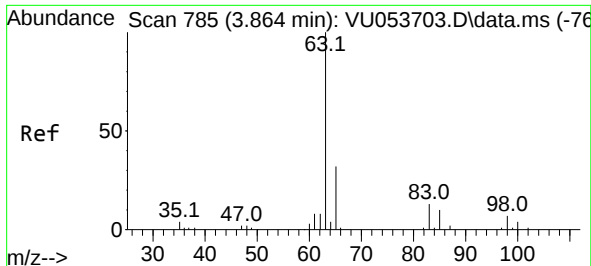
Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#





#19

1,1-Dichloroethane

Concen: 1.823 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU053709.D

Acq: 14 Apr 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

C0AC0DL

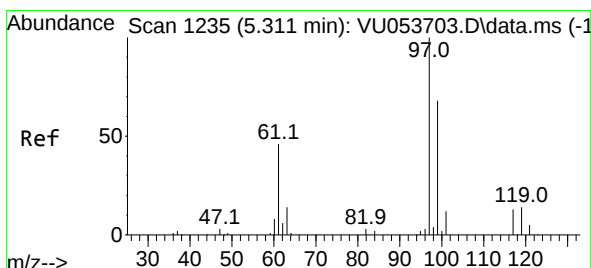
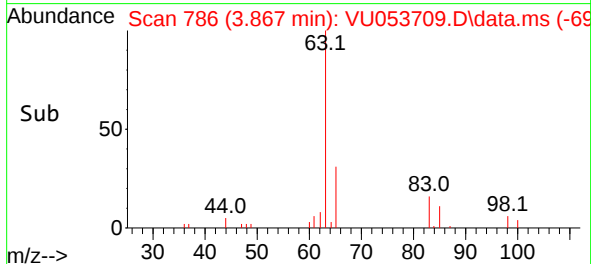
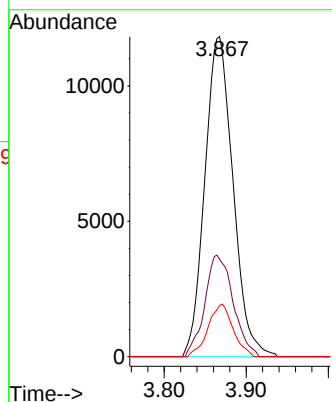
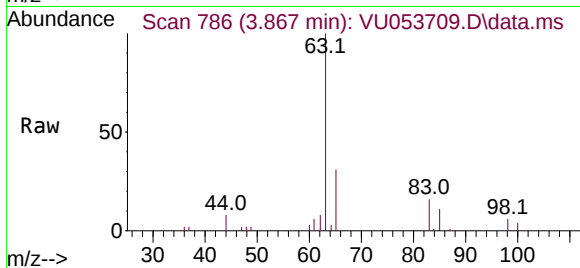
Tgt Ion: 63 Resp: 28236

Ion Ratio Lower Upper

63 100

65 30.5 21.7 40.3

83 15.9 8.1 15.1#



#29

1,1,1-Trichloroethane

Concen: 84.262 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053709.D

Acq: 14 Apr 2023 13:26

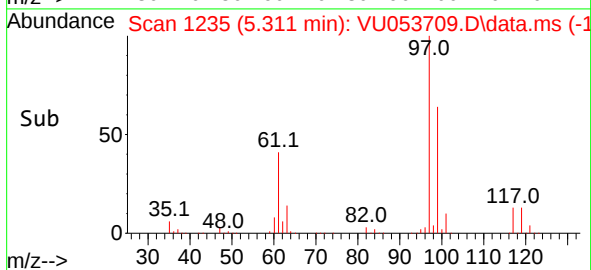
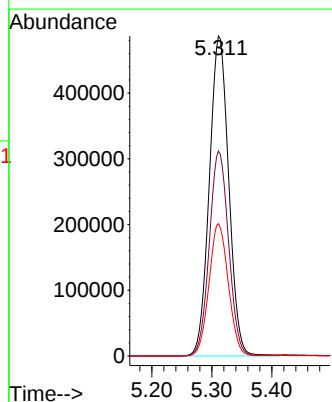
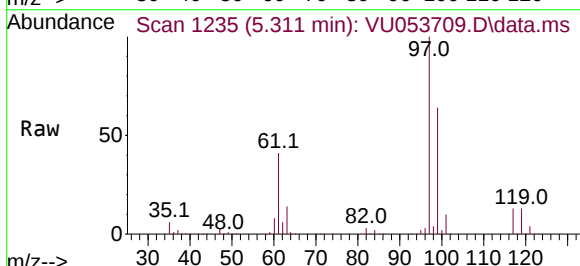
Tgt Ion: 97 Resp: 1093197

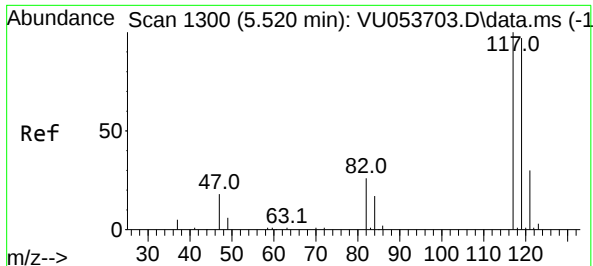
Ion Ratio Lower Upper

97 100

99 63.9 49.9 74.9

61 41.3 35.7 53.5

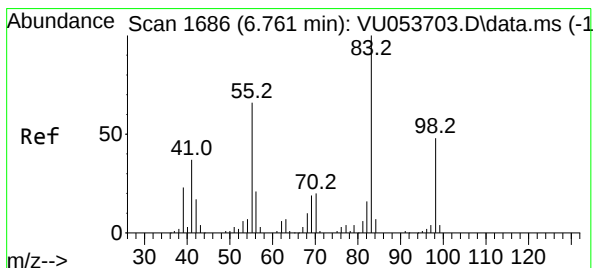
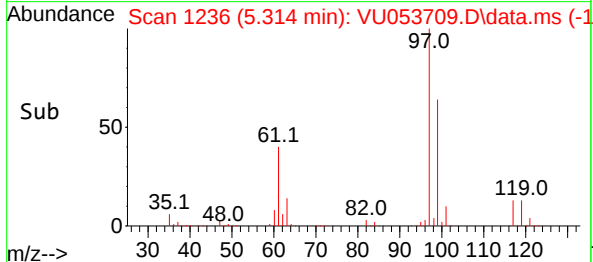
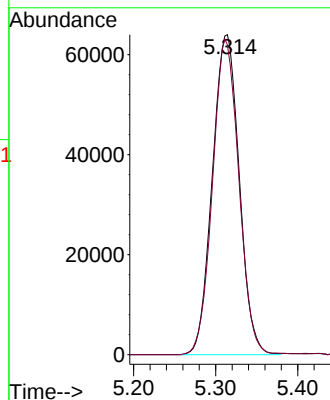
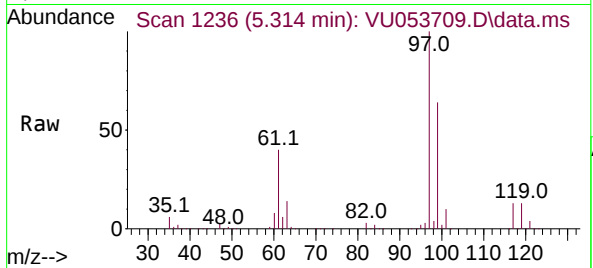




#31
Carbon tetrachloride
Concen: 13.258 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.206 min
Lab File: VU053709.D
Acq: 14 Apr 2023 13:26

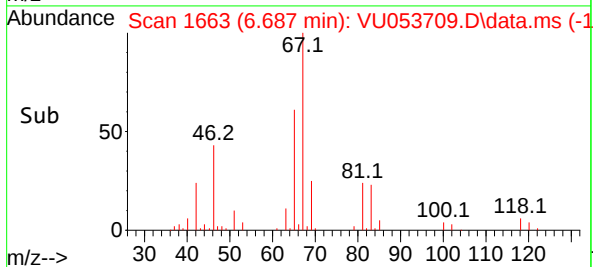
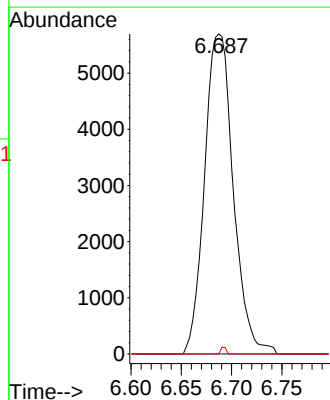
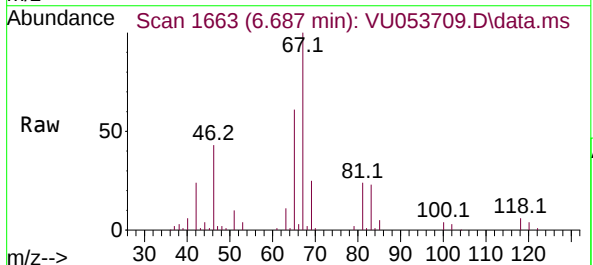
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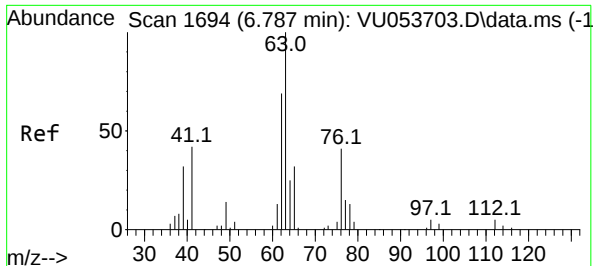
Tgt Ion: 117 Resp: 145538
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5



#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053709.D
Acq: 14 Apr 2023 13:26

Tgt Ion: 83 Resp: 11331
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.4 34.9 52.3#

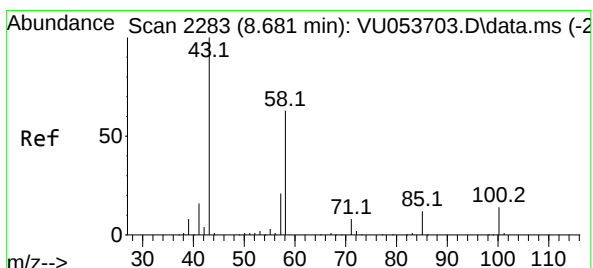
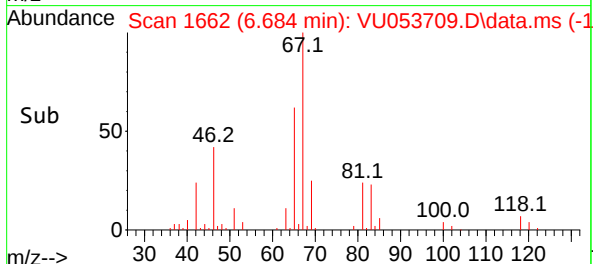
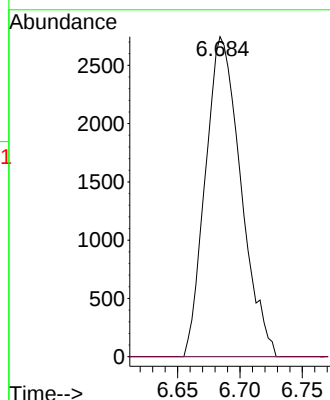
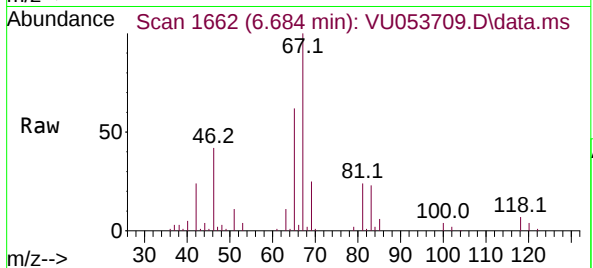




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053709.D
Acq: 14 Apr 2023 13:26

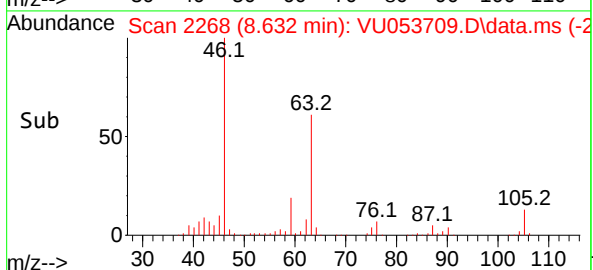
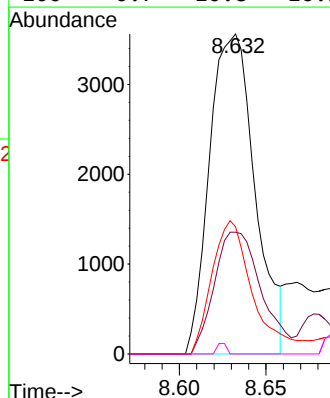
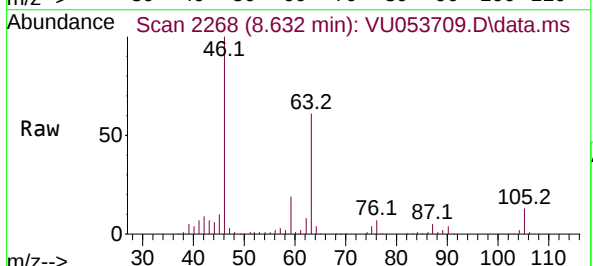
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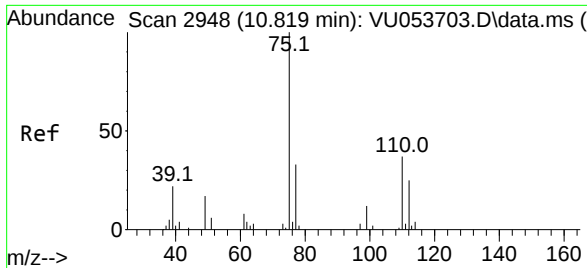
Tgt Ion: 63 Resp: 5427
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 1.935 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.048 min
Lab File: VU053709.D
Acq: 14 Apr 2023 13:26

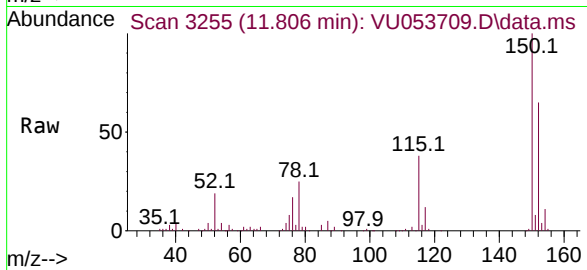
Tgt Ion: 43 Resp: 6508
Ion Ratio Lower Upper
43 100
58 39.5 52.8 79.2#
57 38.1 17.1 25.7#
100 0.7 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.452 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU053709.D
Acq: 14 Apr 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	75	Resp:	7869
Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.6	46.0#
77	33.5	26.1	39.1

