

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053717.D
 Acq On : 14 Apr 2023 16:38
 Operator : JC/MD
 Sample : 02254-14DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC5DL

Quant Time: Apr 15 05:33:10 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)

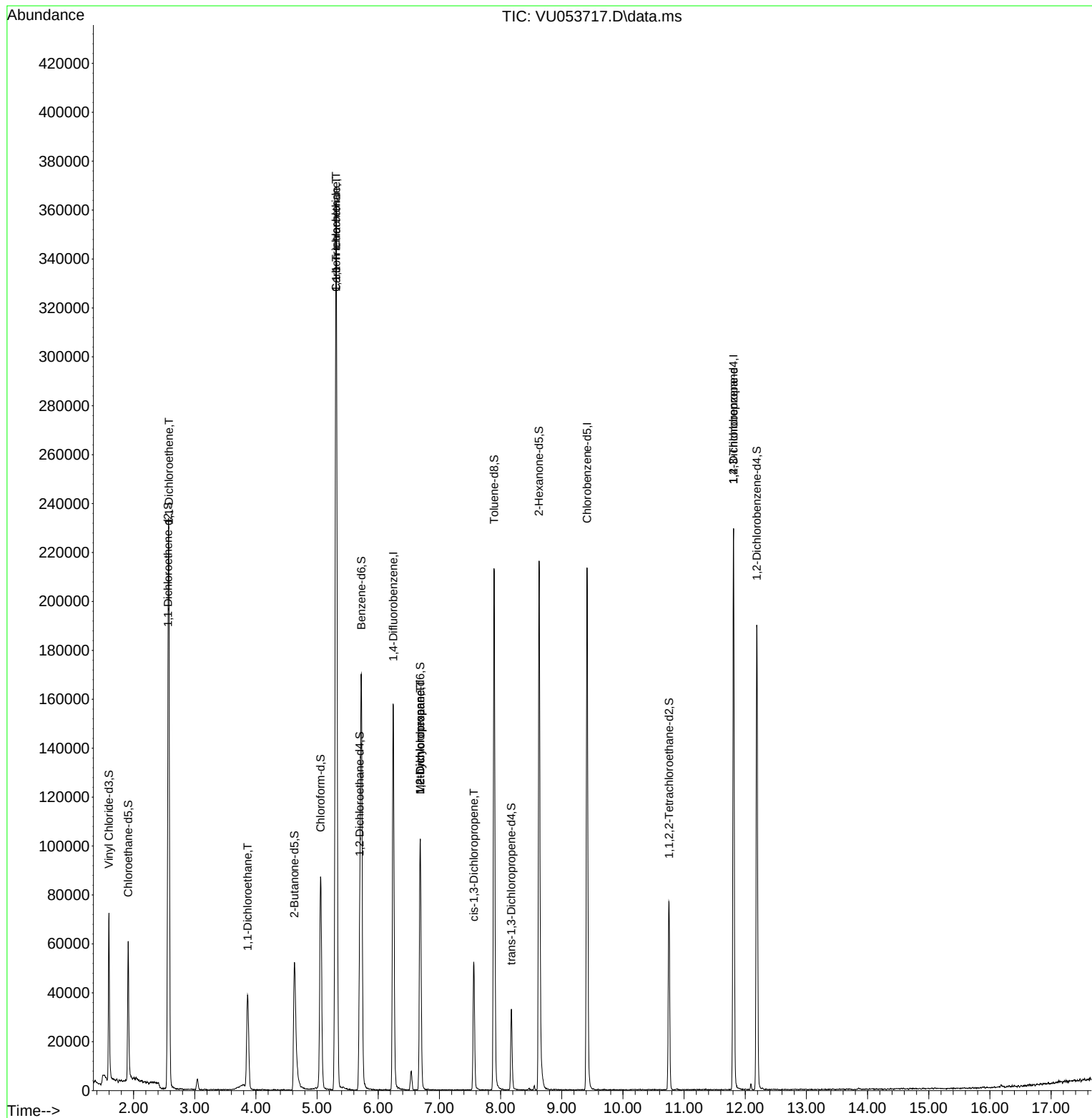
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	132196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52654	5.790	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.800%	
7) Chloroethane-d5	1.912	69	42820	5.188	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.562	65	18423	4.756	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.629	46	89709	43.059	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.120%	
24) Chloroform-d	5.057	84	81858	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.697	65	40338	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.723	84	167260	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.687	67	52106	4.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.893	98	150533	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.176	79	18941	4.548	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.629	63	78475	46.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.780%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38106	4.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52915	4.660	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	62826	8.394	ug/L #	81
19) 1,1-Dichloroethane	3.864	63	46624	3.255	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	268872	21.669	ug/L	97
31) Carbon tetrachloride	5.311	117	36322	3.459	ug/L	97
35) Methylcyclohexane	6.687	83	12401	0.806	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5841	0.657	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1496	0.114	ug/L #	73
61) 1,2,3-Trichloropropane	11.809	75	6769	1.294	ug/L #	68

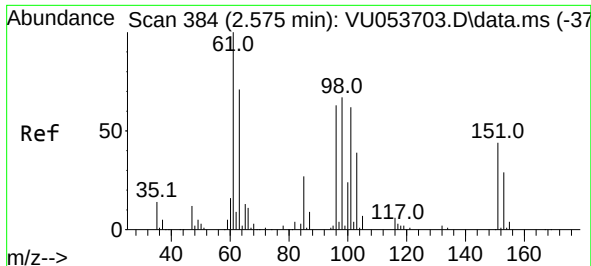
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 8.394 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053717.D

Acq: 14 Apr 2023 16:38

Instrument :

MSVOA_U

ClientSampleId :

C0AC5DL

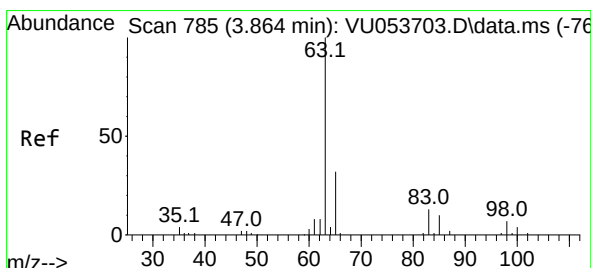
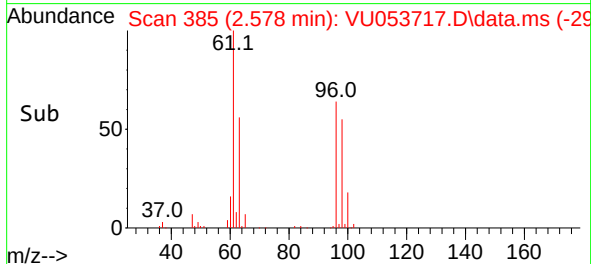
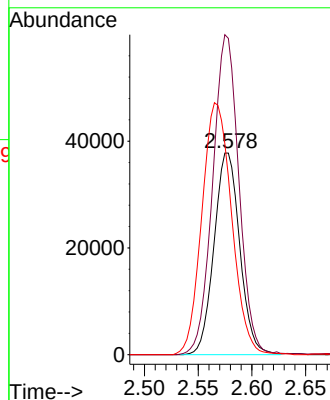
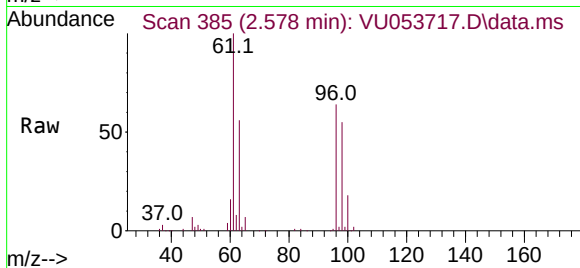
Tgt Ion: 96 Resp: 62826

Ion Ratio Lower Upper

96 100

61 156.9 116.8 216.8

63 88.3 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 3.255 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU053717.D

Acq: 14 Apr 2023 16:38

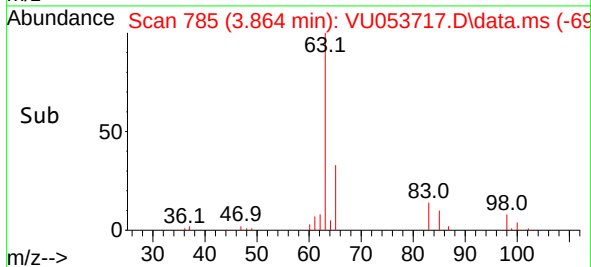
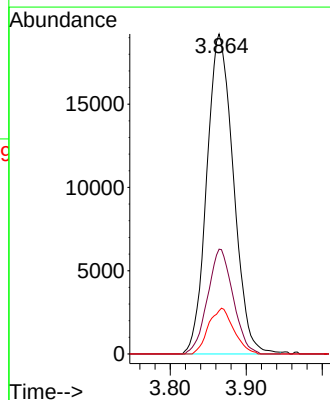
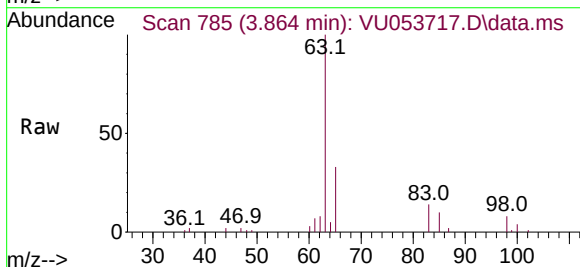
Tgt Ion: 63 Resp: 46624

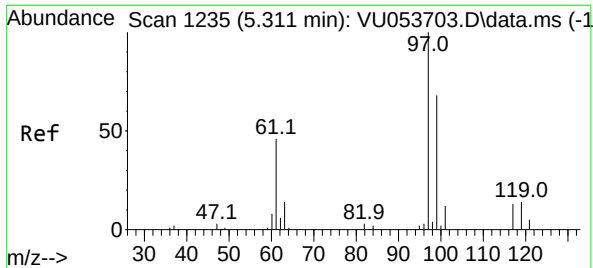
Ion Ratio Lower Upper

63 100

65 32.7 21.7 40.3

83 13.5 8.1 15.1





#29

1,1,1-Trichloroethane

Concen: 21.669 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053717.D

Acq: 14 Apr 2023 16:38

Instrument :

MSVOA_U

ClientSampleId :

C0AC5DL

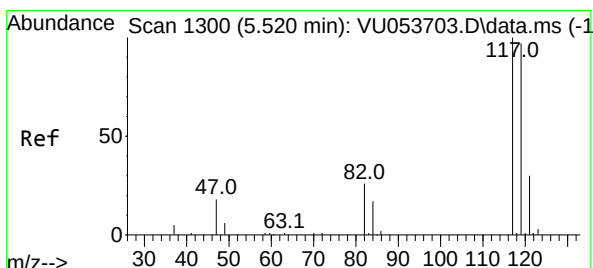
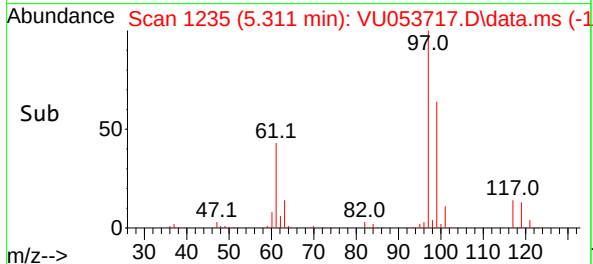
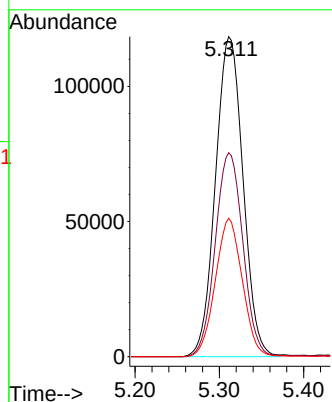
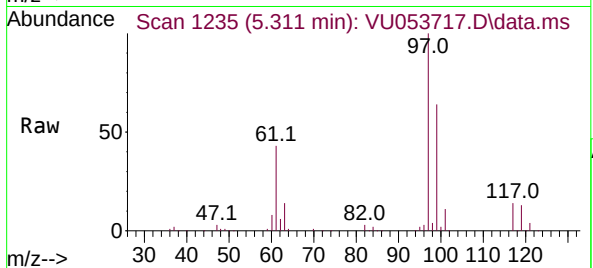
Tgt Ion: 97 Resp: 268872

Ion Ratio Lower Upper

97 100

99 64.0 49.9 74.9

61 42.4 35.7 53.5



#31

Carbon tetrachloride

Concen: 3.459 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.209 min

Lab File: VU053717.D

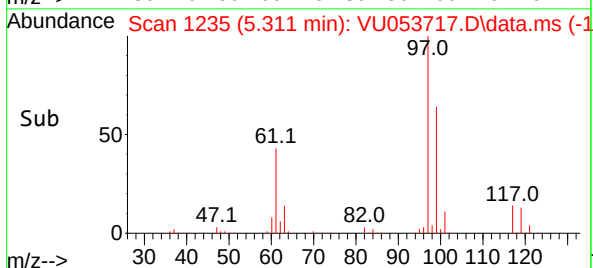
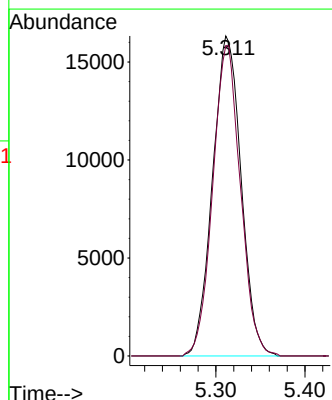
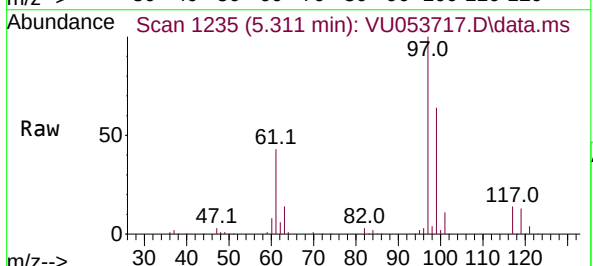
Acq: 14 Apr 2023 16:38

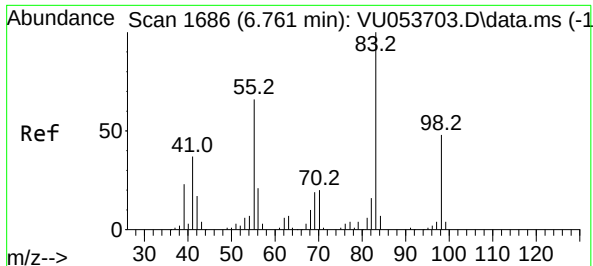
Tgt Ion: 117 Resp: 36322

Ion Ratio Lower Upper

117 100

119 94.2 77.7 116.5

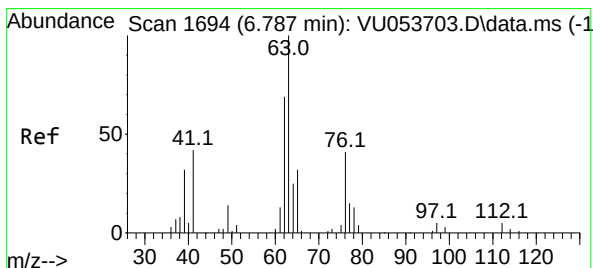
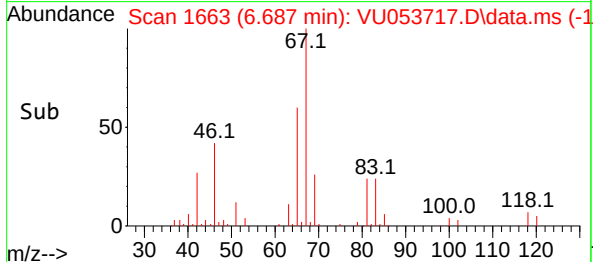
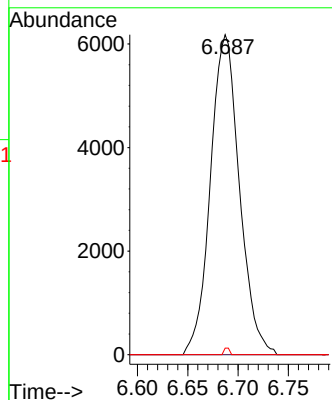
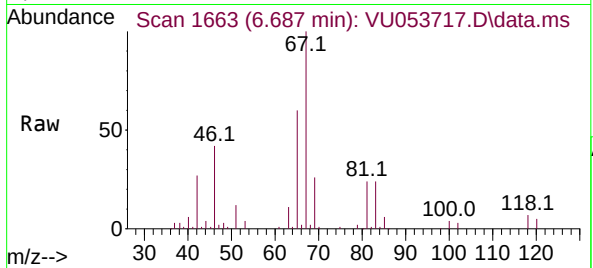




#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053717.D
Acq: 14 Apr 2023 16:38

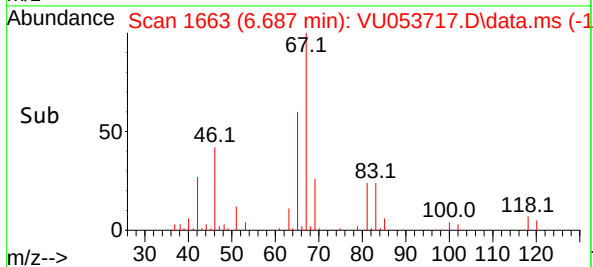
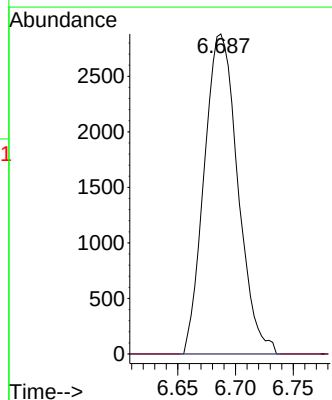
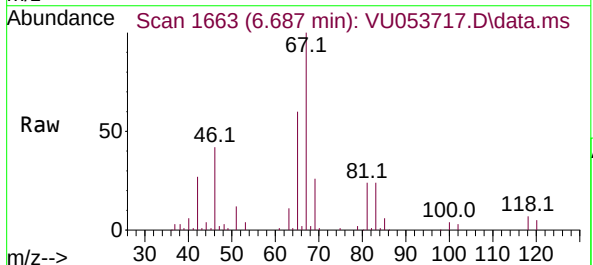
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MSVOA_U
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C0AC5DL

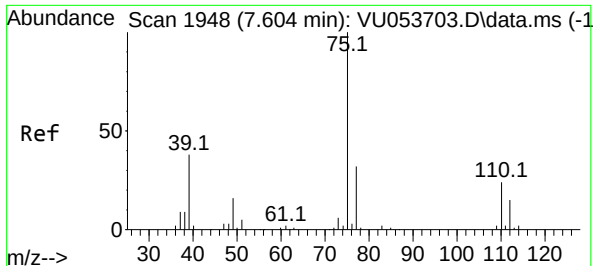
Tgt Ion: 83 Resp: 12401
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.4 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053717.D
Acq: 14 Apr 2023 16:38

Tgt Ion: 63 Resp: 5841
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.565 min Scan# 1496

Delta R.T. -0.039 min

Lab File: VU053717.D

Acq: 14 Apr 2023 16:38

Instrument :

MSVOA_U

ClientSampleId :

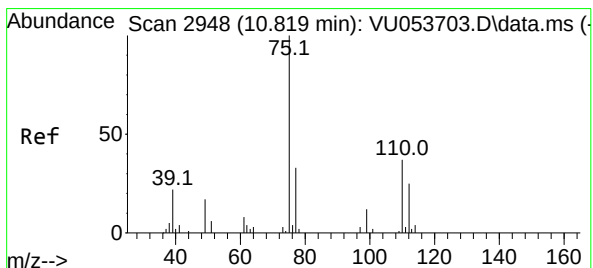
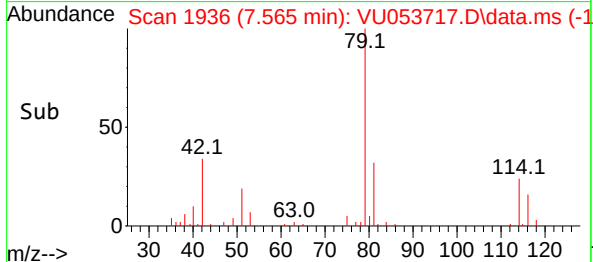
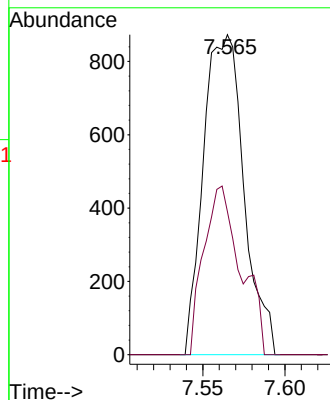
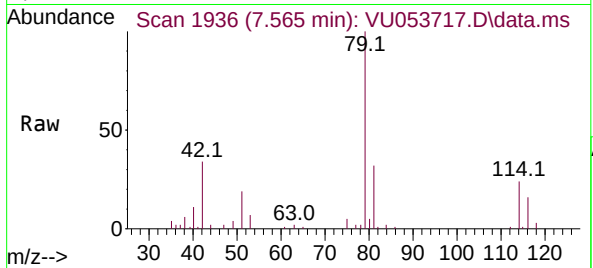
C0AC5DL

Tgt Ion: 75 Resp: 1496

Ion Ratio Lower Upper

75 100

77 44.8 21.1 39.3#



#61

1,2,3-Trichloropropane

Concen: 1.294 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053717.D

Acq: 14 Apr 2023 16:38

Tgt Ion: 75 Resp: 6769

Ion Ratio Lower Upper

75 100

110 2.3 30.6 46.0#

77 33.0 26.1 39.1

