

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053714.D
 Acq On : 14 Apr 2023 15:27
 Operator : JC/MD
 Sample : 02254-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB4DL

Quant Time: Apr 15 05:32:32 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)

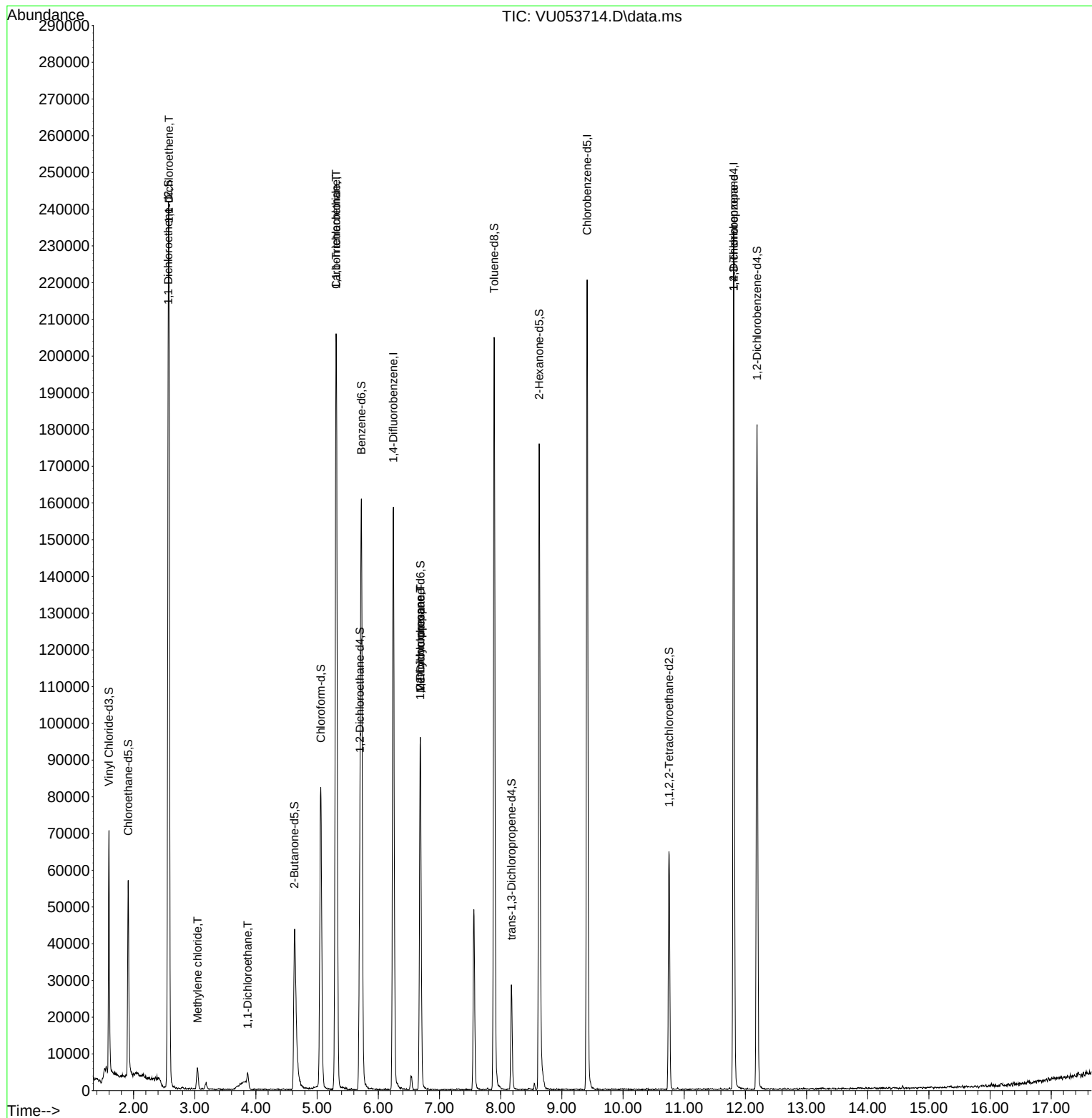
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49240	5.152	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.000%	
7) Chloroethane-d5	1.912	69	40967	4.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18581	4.564	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.629	46	75765	34.605	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.200%	
24) Chloroform-d	5.060	84	77261	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.700	65	36760	4.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
32) Benzene-d6	5.722	84	159126	4.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47995	4.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.893	98	144558	4.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	8.176	79	17520	4.078	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.629	63	65429	37.494	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.980%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32910	3.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	70.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48645	4.339	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	65568	8.336	ug/L #	76
16) Methylene chloride	3.044	84	3438	0.333	ug/L	90
19) 1,1-Dichloroethane	3.864	63	4865	0.323	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	151411	11.830	ug/L	96
31) Carbon tetrachloride	5.311	117	20536	1.896	ug/L	100
35) Methylcyclohexane	6.687	83	10968	0.691	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	5078	0.554	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7495	1.452	ug/L #	66

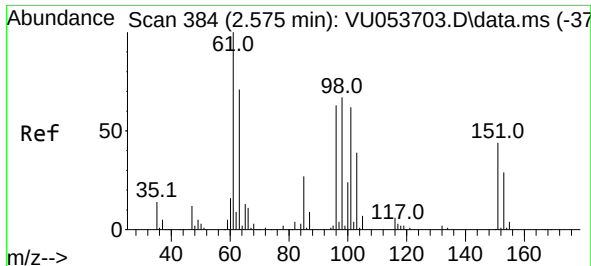
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 8.336 ug/L

RT: 2.578 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

C0AB4DL

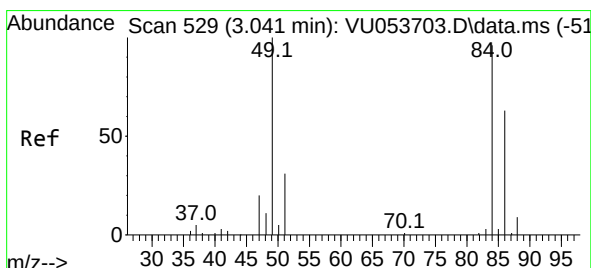
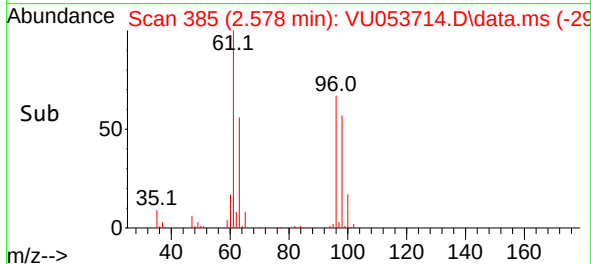
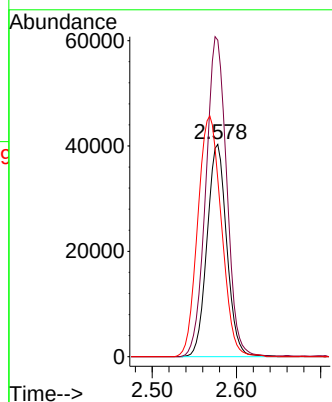
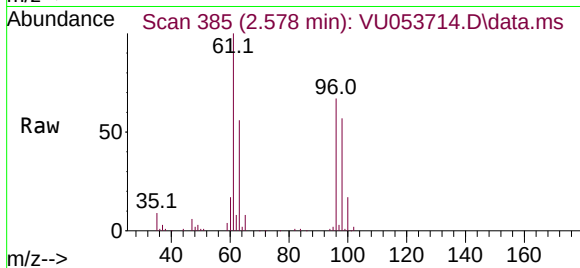
Tgt Ion: 96 Resp: 65568

Ion Ratio Lower Upper

96 100

61 149.1 116.8 216.8

63 83.5 88.6 164.6#



#16

Methylene chloride

Concen: 0.333 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

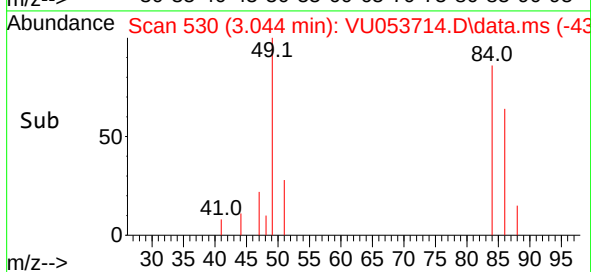
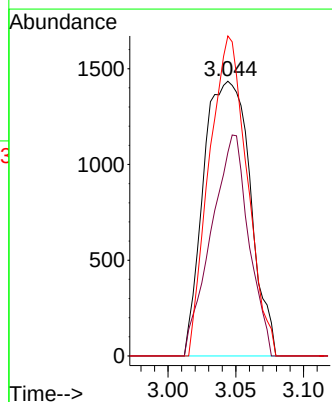
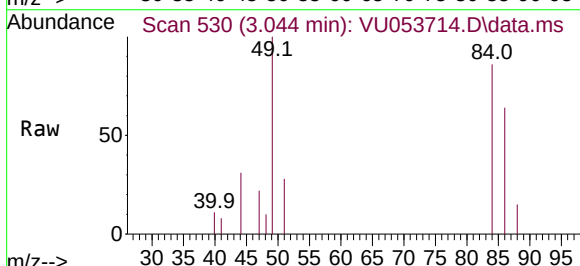
Tgt Ion: 84 Resp: 3438

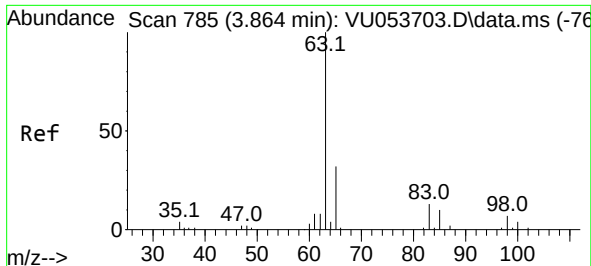
Ion Ratio Lower Upper

84 100

86 74.1 44.7 83.1

49 116.4 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.323 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

C0AB4DL

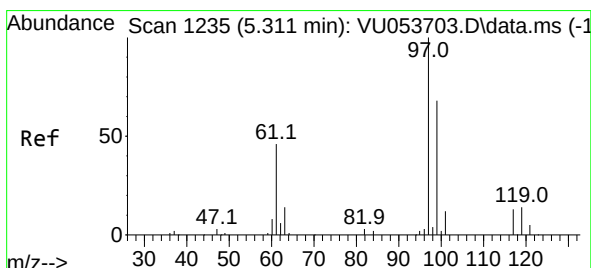
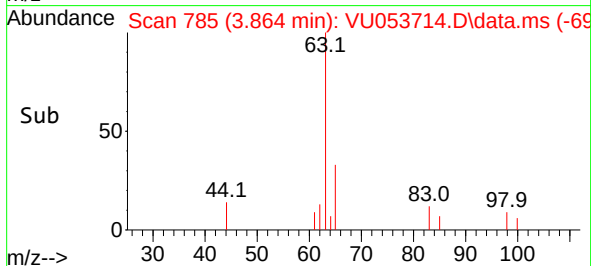
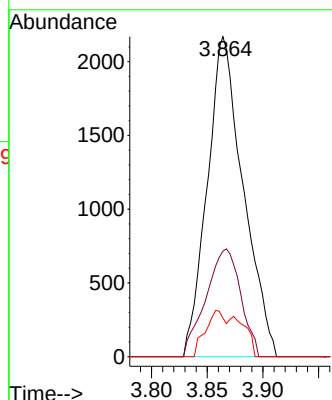
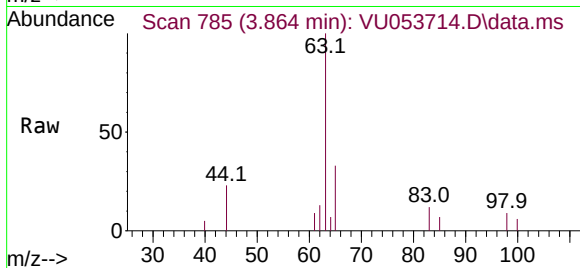
Tgt Ion: 63 Resp: 4865

Ion Ratio Lower Upper

63 100

65 33.0 21.7 40.3

83 12.0 8.1 15.1



#29

1,1,1-Trichloroethane

Concen: 11.830 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

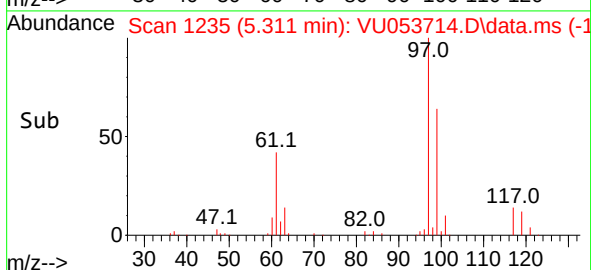
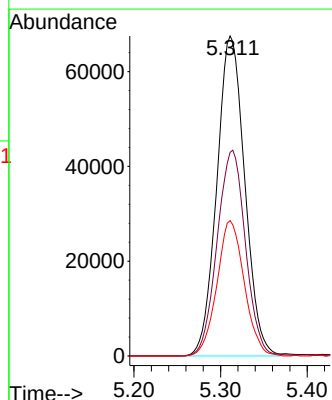
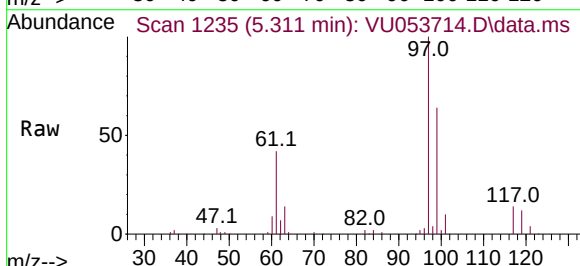
Tgt Ion: 97 Resp: 151411

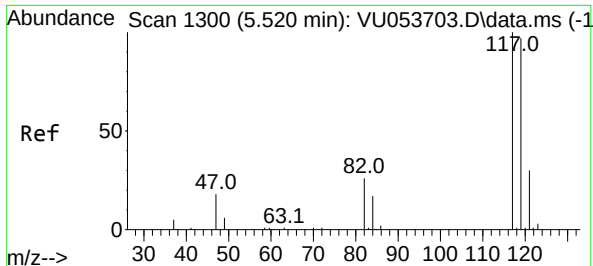
Ion Ratio Lower Upper

97 100

99 65.3 49.9 74.9

61 41.4 35.7 53.5

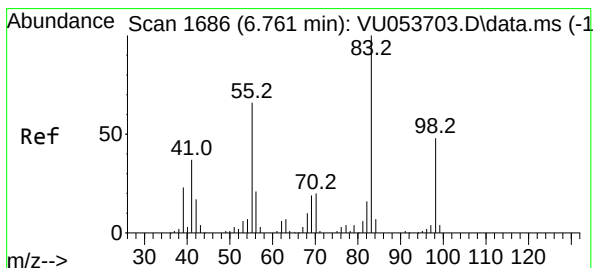
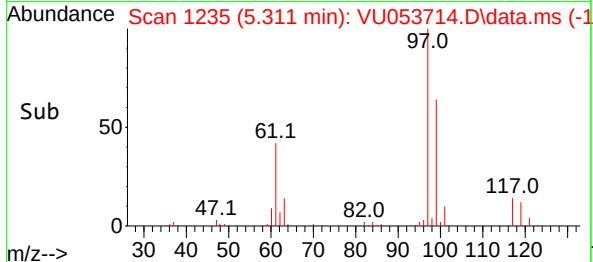
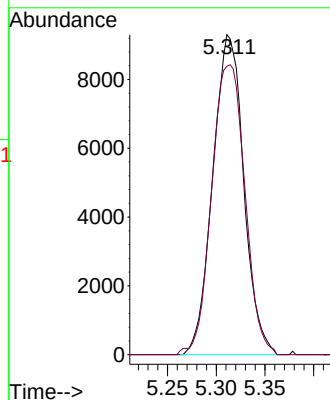
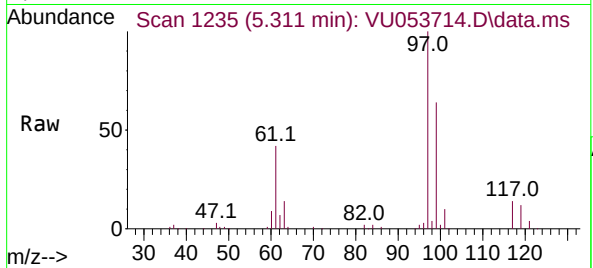




#31
Carbon tetrachloride
Concen: 1.896 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU053714.D
Acq: 14 Apr 2023 15:27

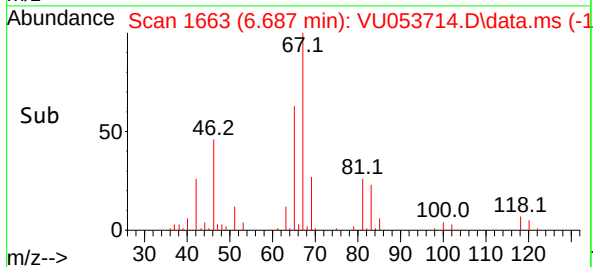
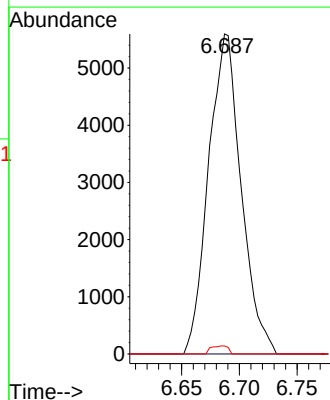
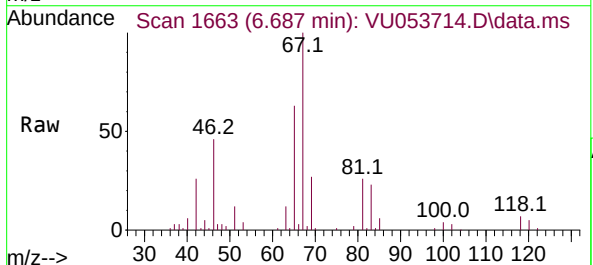
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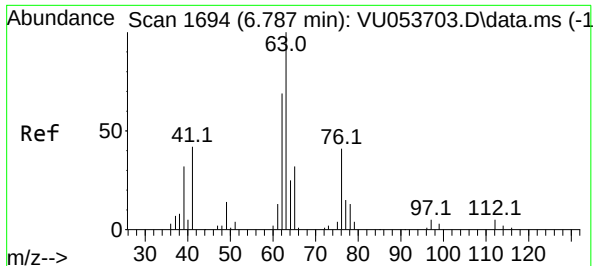
Tgt Ion: 117 Resp: 20536
Ion Ratio Lower Upper
117 100
119 97.3 77.7 116.5



#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053714.D
Acq: 14 Apr 2023 15:27

Tgt Ion: 83 Resp: 10968
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.3 34.9 52.3#





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

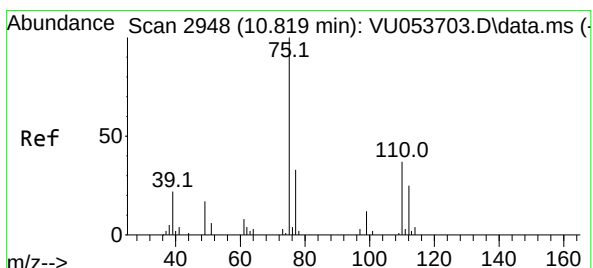
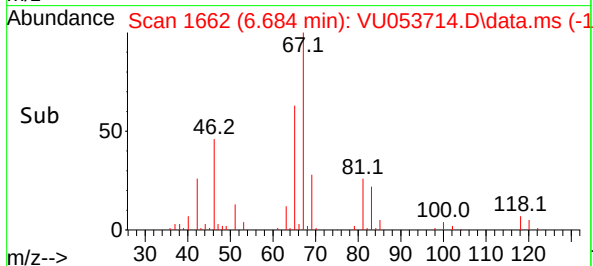
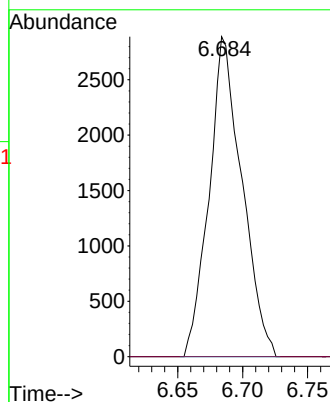
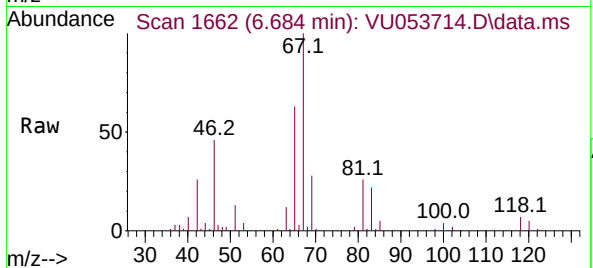
C0AB4DL

Tgt Ion: 63 Resp: 5078

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.452 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053714.D

Acq: 14 Apr 2023 15:27

Tgt Ion: 75 Resp: 7495

Ion Ratio Lower Upper

75 100

110 0.5 30.6 46.0#

77 33.4 26.1 39.1

