

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053731.D
 Acq On : 17 Apr 2023 16:57
 Operator : JC/MD
 Sample : 02399-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE8DL

Quant Time: Apr 18 00:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

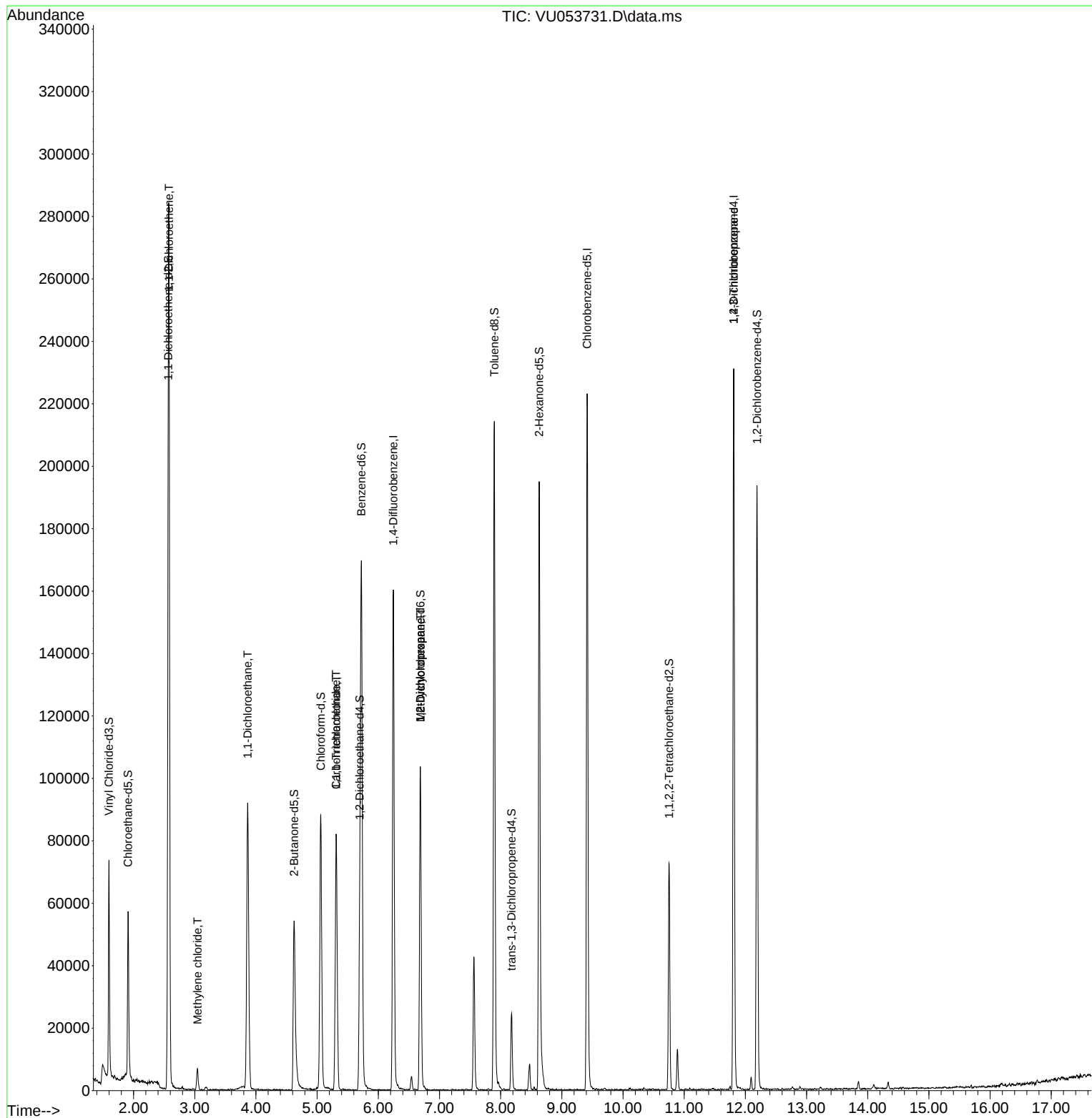
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50868	5.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.800%
7) Chloroethane-d5	1.909	69	41641	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.565	65	19380	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.623	46	79427	36.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.760%
24) Chloroform-d	5.060	84	79877	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.697	65	39577	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.723	84	168872	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.687	67	50498	4.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.896	98	150609	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.176	79	15265	3.490	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.629	63	71024	39.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36449	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	53412	4.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	80898	10.315	ug/L #	77
16) Methylene chloride	3.044	84	3165	0.307	ug/L	90
19) 1,1-Dichloroethane	3.864	63	102428	6.825	ug/L #	94
29) 1,1,1-Trichloroethane	5.311	97	58849	4.516	ug/L	96
31) Carbon tetrachloride	5.311	117	8069	0.732	ug/L	96
35) Methylcyclohexane	6.687	83	12223	0.756	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5327	0.570	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7653	1.401	ug/L #	67

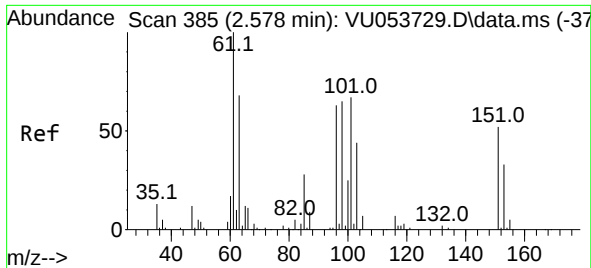
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 10.315 ug/L

RT: 2.578 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

C0AE8DL

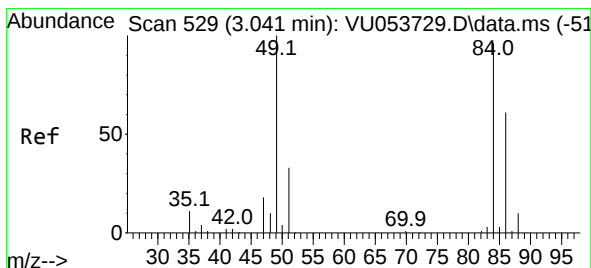
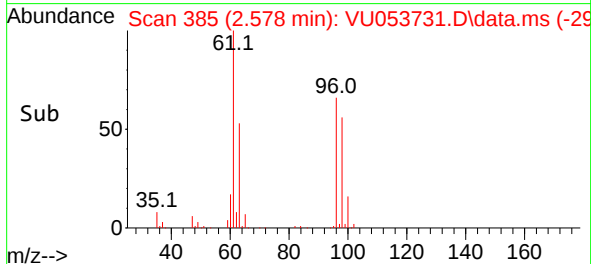
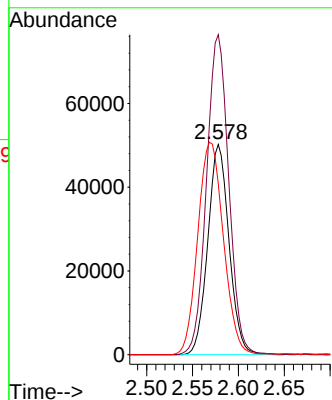
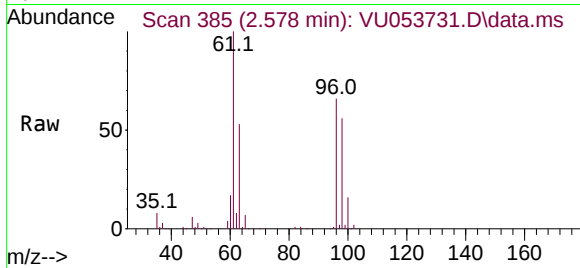
Tgt Ion: 96 Resp: 80898

Ion Ratio Lower Upper

96 100

61 152.2 116.8 216.8

63 81.3 88.6 164.6#



#16

Methylene chloride

Concen: 0.307 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

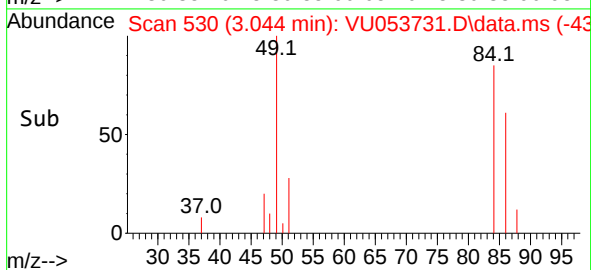
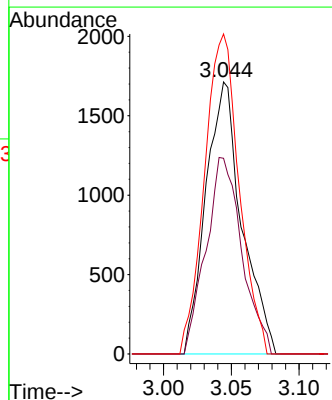
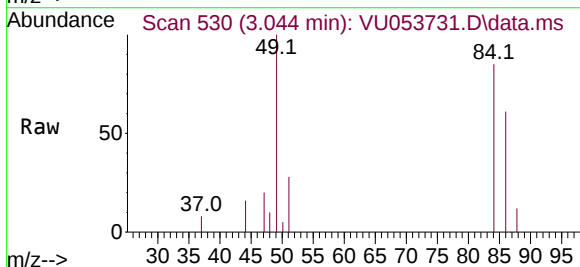
Tgt Ion: 84 Resp: 3165

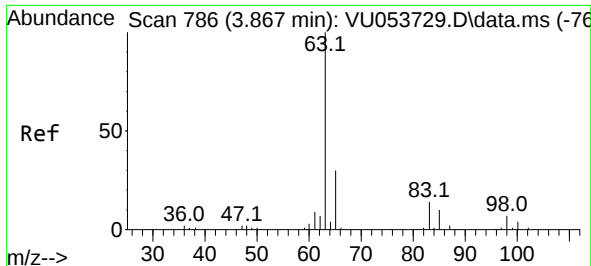
Ion Ratio Lower Upper

84 100

86 71.9 44.7 83.1

49 117.6 75.5 140.1





#19

1,1-Dichloroethane

Concen: 6.825 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

C0AE8DL

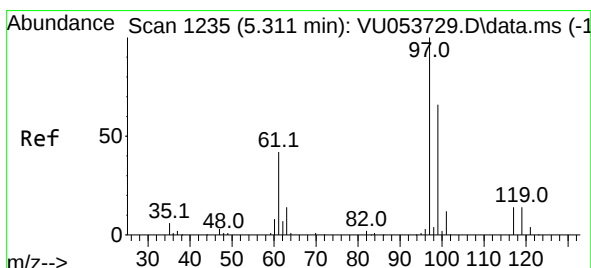
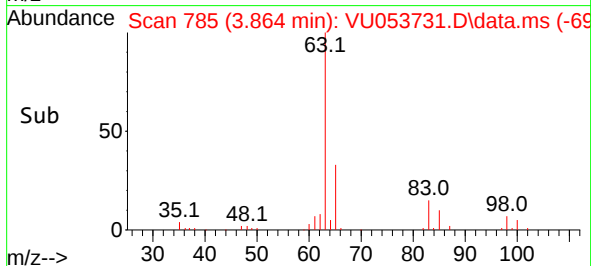
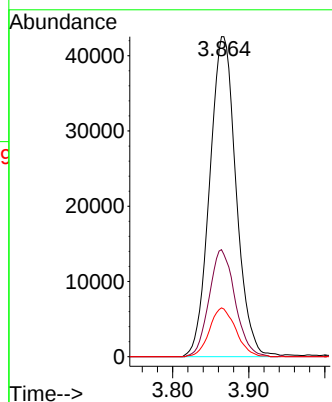
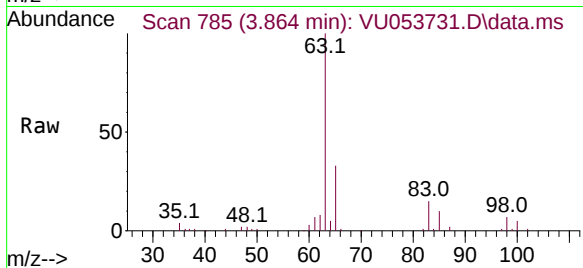
Tgt Ion: 63 Resp: 102428

Ion Ratio Lower Upper

63 100

65 33.4 21.7 40.3

83 15.3 8.1 15.1#



#29

1,1,1-Trichloroethane

Concen: 4.516 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

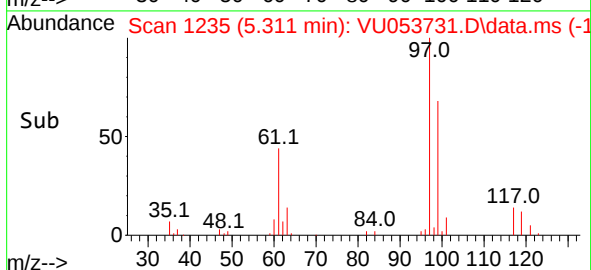
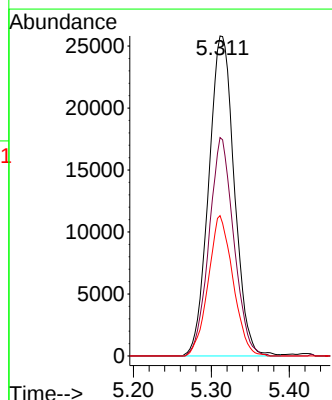
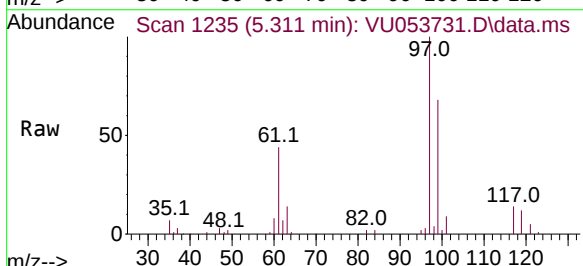
Tgt Ion: 97 Resp: 58849

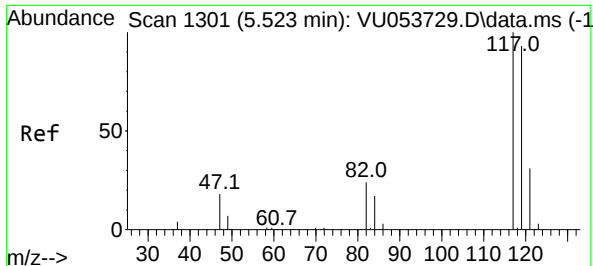
Ion Ratio Lower Upper

97 100

99 66.0 49.9 74.9

61 42.4 35.7 53.5

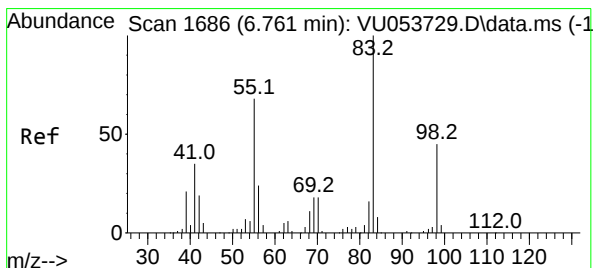
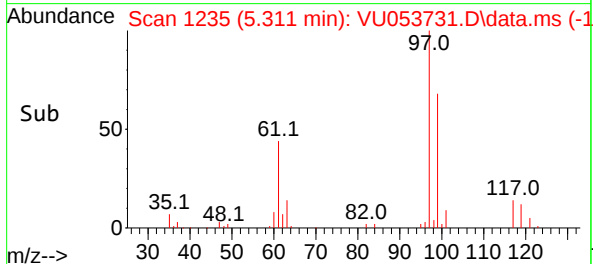
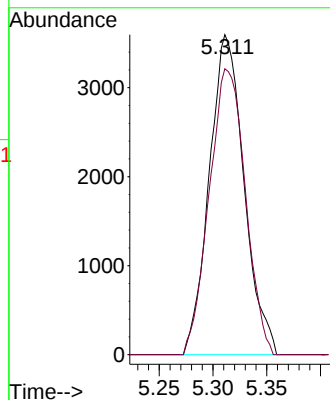
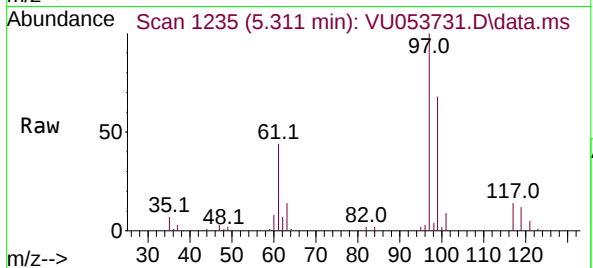




#31
Carbon tetrachloride
Concen: 0.732 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU053731.D
Acq: 17 Apr 2023 16:57

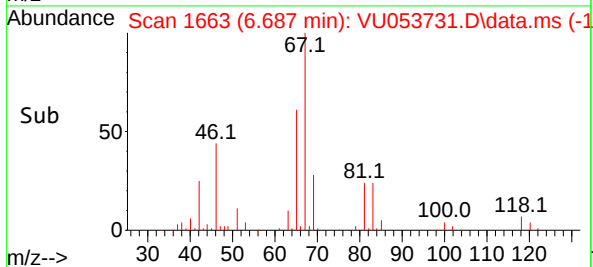
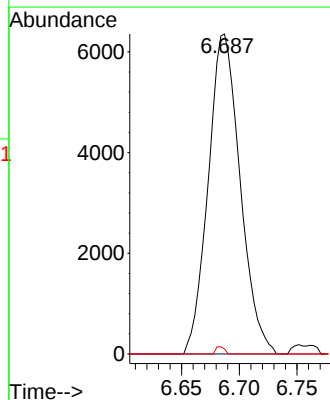
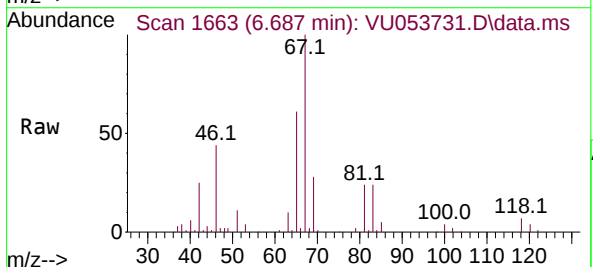
Instrument :
MSVOA_U
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C0AE8DL

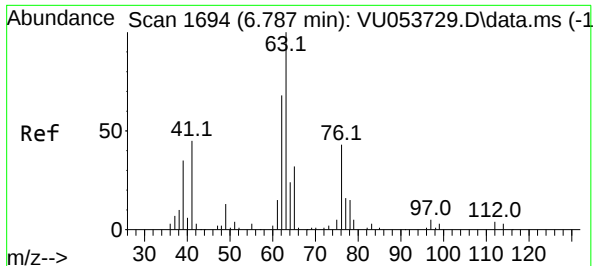
Tgt Ion: 117 Resp: 8069
Ion Ratio Lower Upper
117 100
119 93.1 77.7 116.5



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053731.D
Acq: 17 Apr 2023 16:57

Tgt Ion: 83 Resp: 12223
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.6 34.9 52.3#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

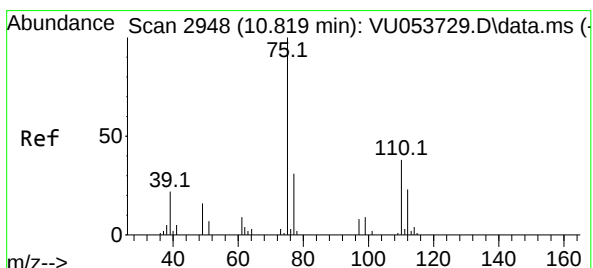
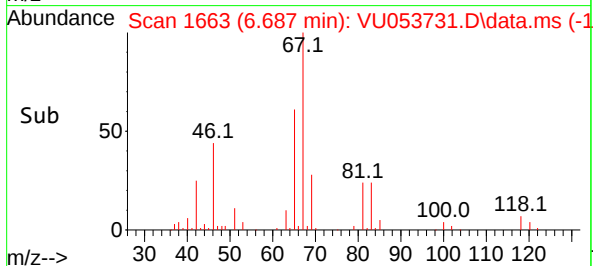
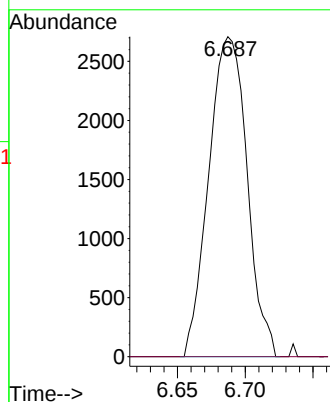
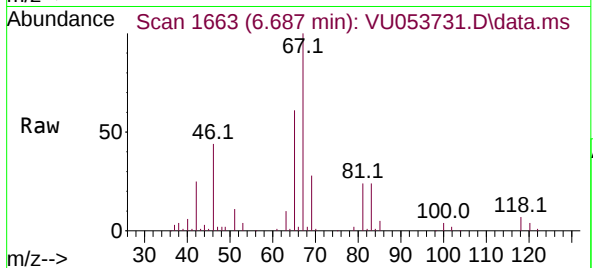
C0AE8DL

Tgt Ion: 63 Resp: 5327

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.401 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053731.D

Acq: 17 Apr 2023 16:57

Tgt Ion: 75 Resp: 7653

Ion Ratio Lower Upper

75 100

110 2.5 30.6 46.0#

77 30.7 26.1 39.1

