

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053726.D
 Acq On : 14 Apr 2023 19:54
 Operator : JC/MD
 Sample : 02299-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5DL

Quant Time: Apr 15 05:35:30 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)

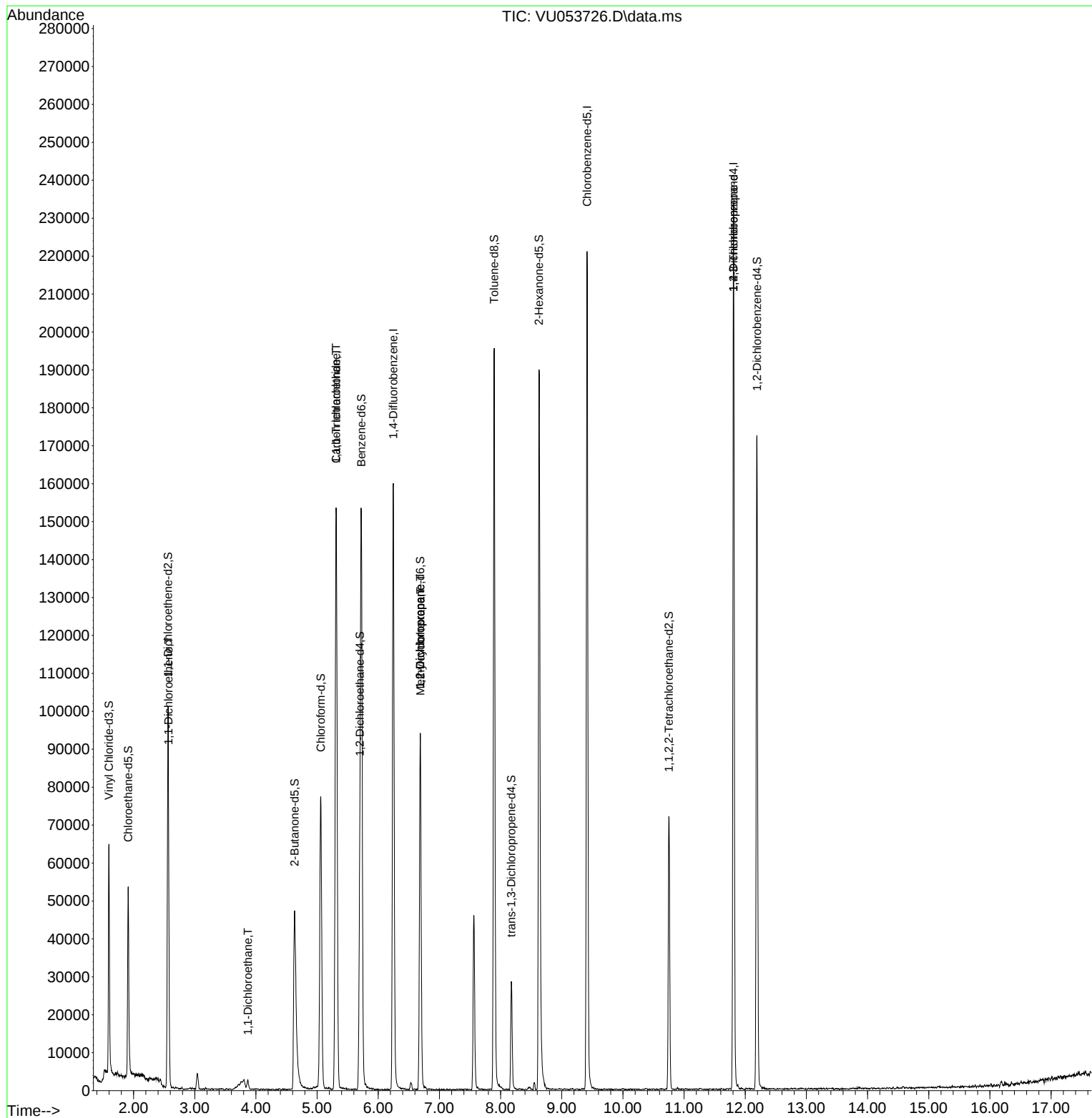
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	137675	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47073	4.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.912	69	38107	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.562	65	17277	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.632	46	83231	38.360	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.720%
24) Chloroform-d	5.060	84	73890	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.700	65	36611	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.722	84	151915	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.687	67	45832	4.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.896	98	138273	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.176	79	17540	4.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.629	63	69517	40.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35503	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	47176	4.150	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.571	96	3601	0.462	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	3109	0.208	ug/L	89
29) 1,1,1-Trichloroethane	5.311	97	113799	8.934	ug/L	97
31) Carbon tetrachloride	5.311	117	15743	1.461	ug/L	99
35) Methylcyclohexane	6.690	83	11329	0.717	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	4972	0.545	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	7136	1.363	ug/L #	66

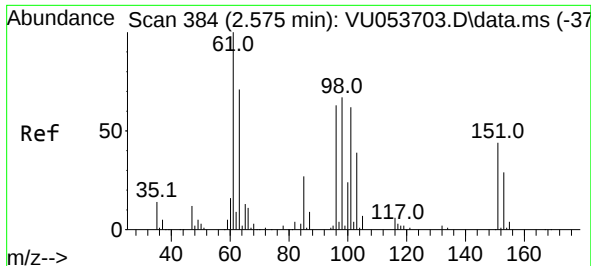
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.462 ug/L

RT: 2.571 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU053726.D

Acq: 14 Apr 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

C0AE5DL

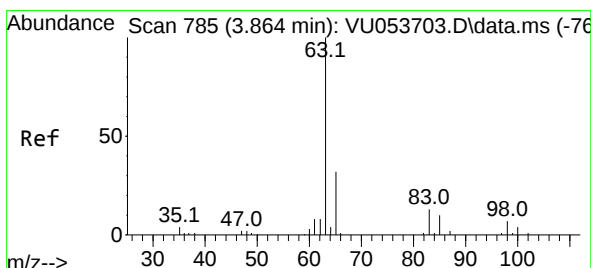
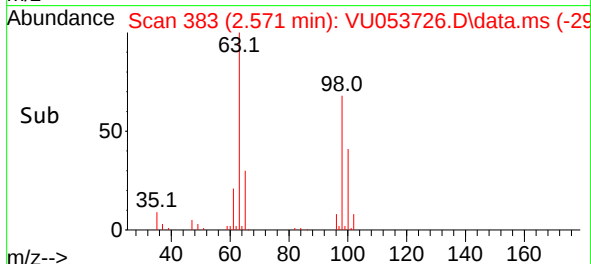
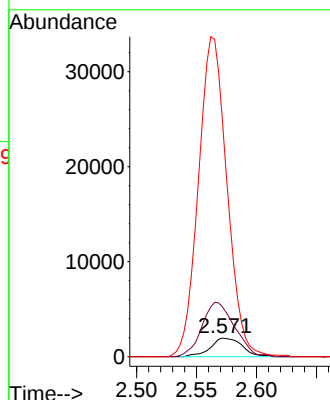
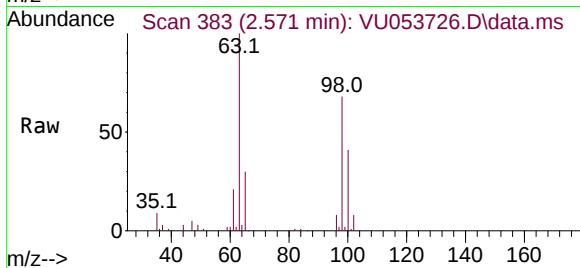
Tgt Ion: 96 Resp: 3601

Ion Ratio Lower Upper

96 100

61 268.1 116.8 216.8#

63 1279.5 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.208 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053726.D

Acq: 14 Apr 2023 19:54

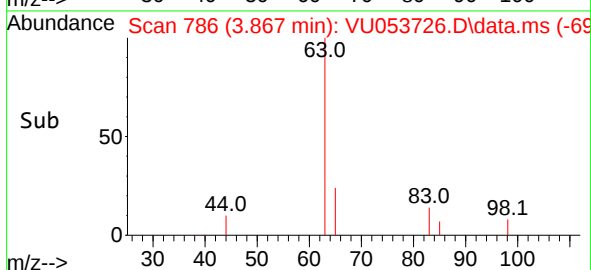
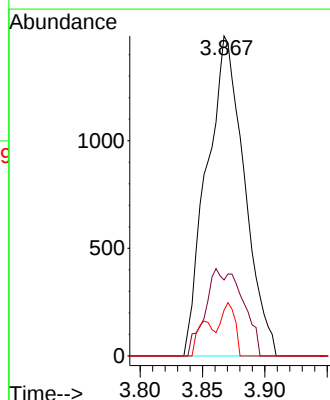
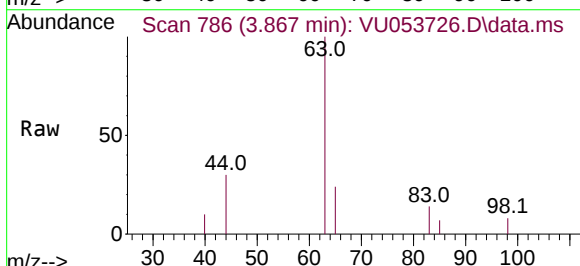
Tgt Ion: 63 Resp: 3109

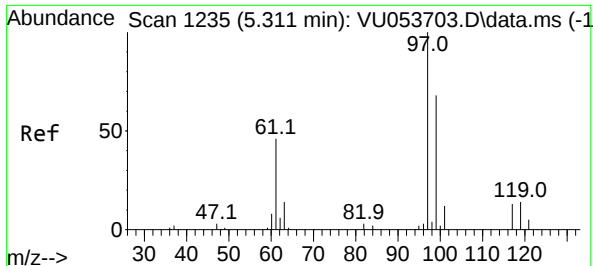
Ion Ratio Lower Upper

63 100

65 23.7 21.7 40.3

83 14.3 8.1 15.1

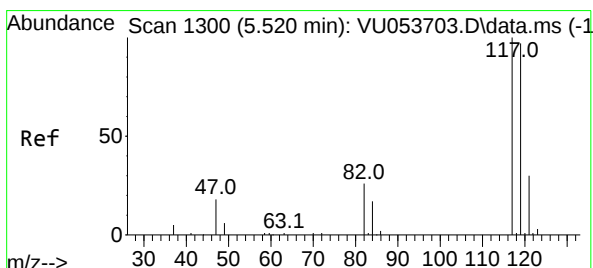
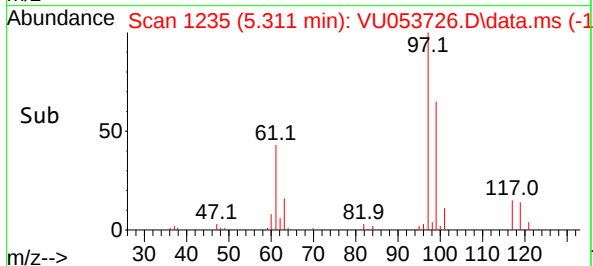
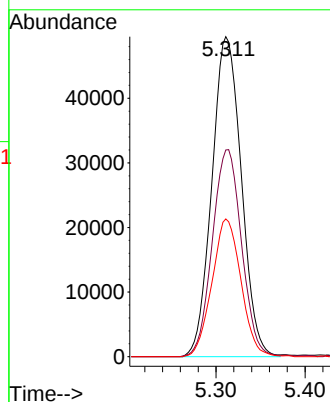
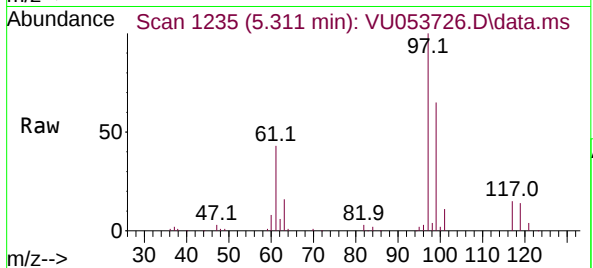




#29
1,1,1-Trichloroethane
Concen: 8.934 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU053726.D
Acq: 14 Apr 2023 19:54

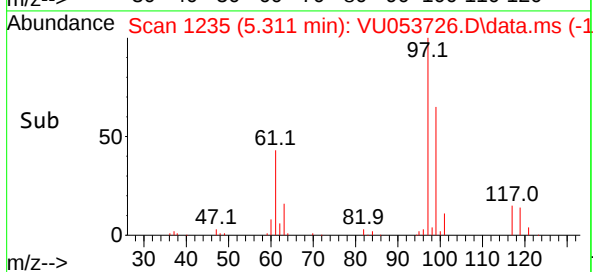
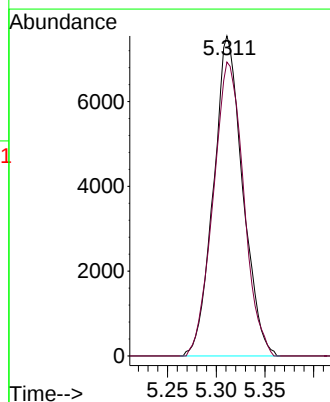
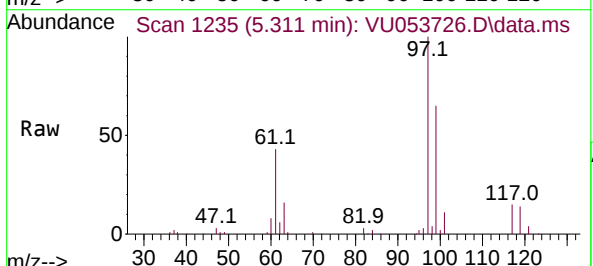
Instrument :
MSVOA_U
ClientSampleId :
C0AE5DL

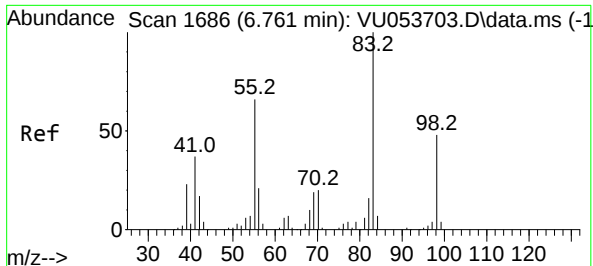
Tgt Ion: 97 Resp: 113799
Ion Ratio Lower Upper
97 100
99 64.2 49.9 74.9
61 42.3 35.7 53.5



#31
Carbon tetrachloride
Concen: 1.461 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.209 min
Lab File: VU053726.D
Acq: 14 Apr 2023 19:54

Tgt Ion: 117 Resp: 15743
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5





#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053726.D

Acq: 14 Apr 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

C0AE5DL

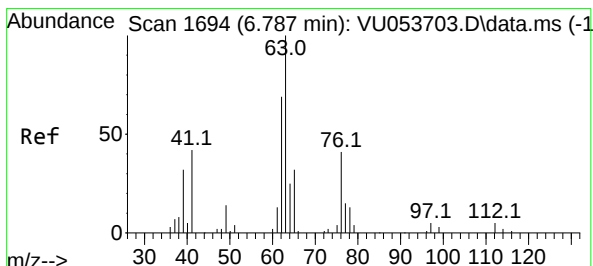
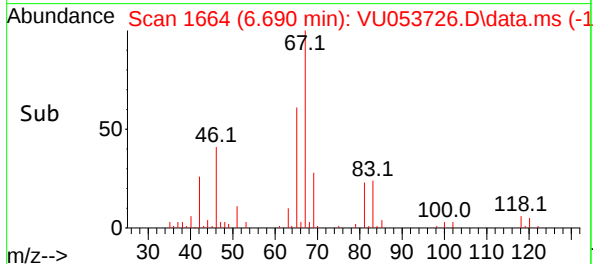
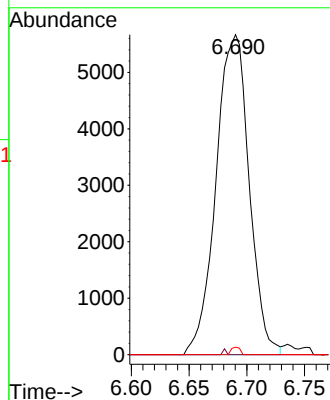
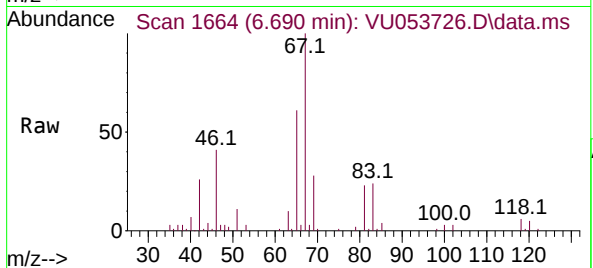
Tgt Ion: 83 Resp: 11329

Ion Ratio Lower Upper

83 100

55 0.2 54.9 82.3#

98 0.6 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053726.D

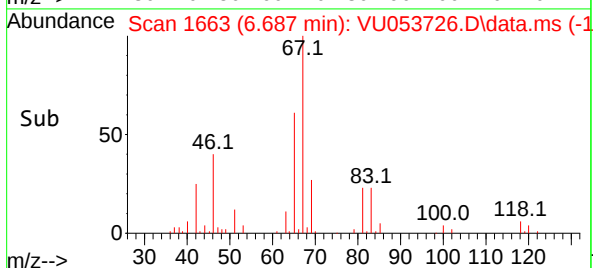
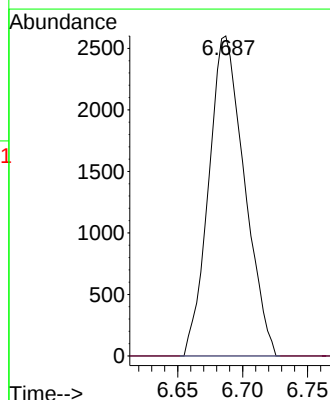
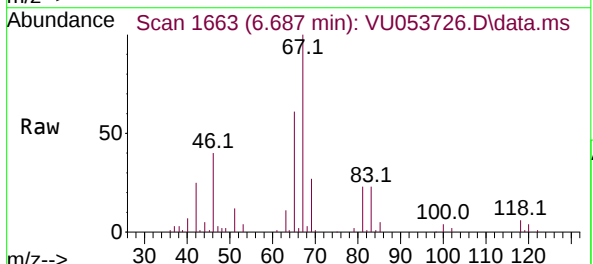
Acq: 14 Apr 2023 19:54

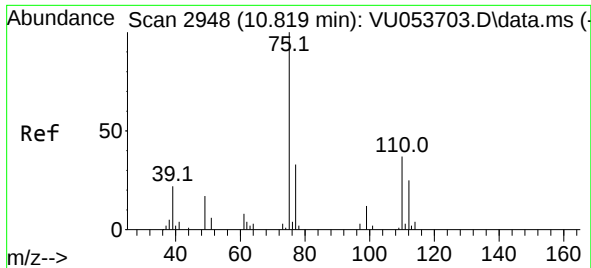
Tgt Ion: 63 Resp: 4972

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#61

1,2,3-Trichloropropane

Concen: 1.363 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053726.D

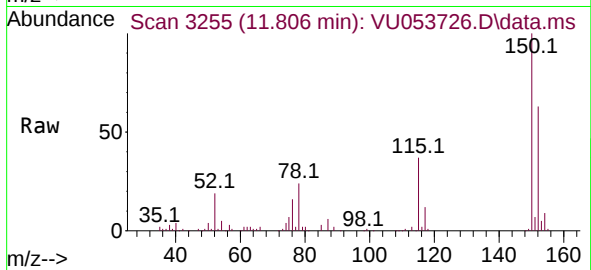
Acq: 14 Apr 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

C0AE5DL



Tgt Ion: 75	Resp:	7136
Ion Ratio	Lower	Upper
75	100	
110	0.9	30.6 46.0#
77	33.8	26.1 39.1

