

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050343.D
 Acq On : 15 Aug 2022 15:59
 Operator : SY/MD
 Sample : N4072-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:32:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

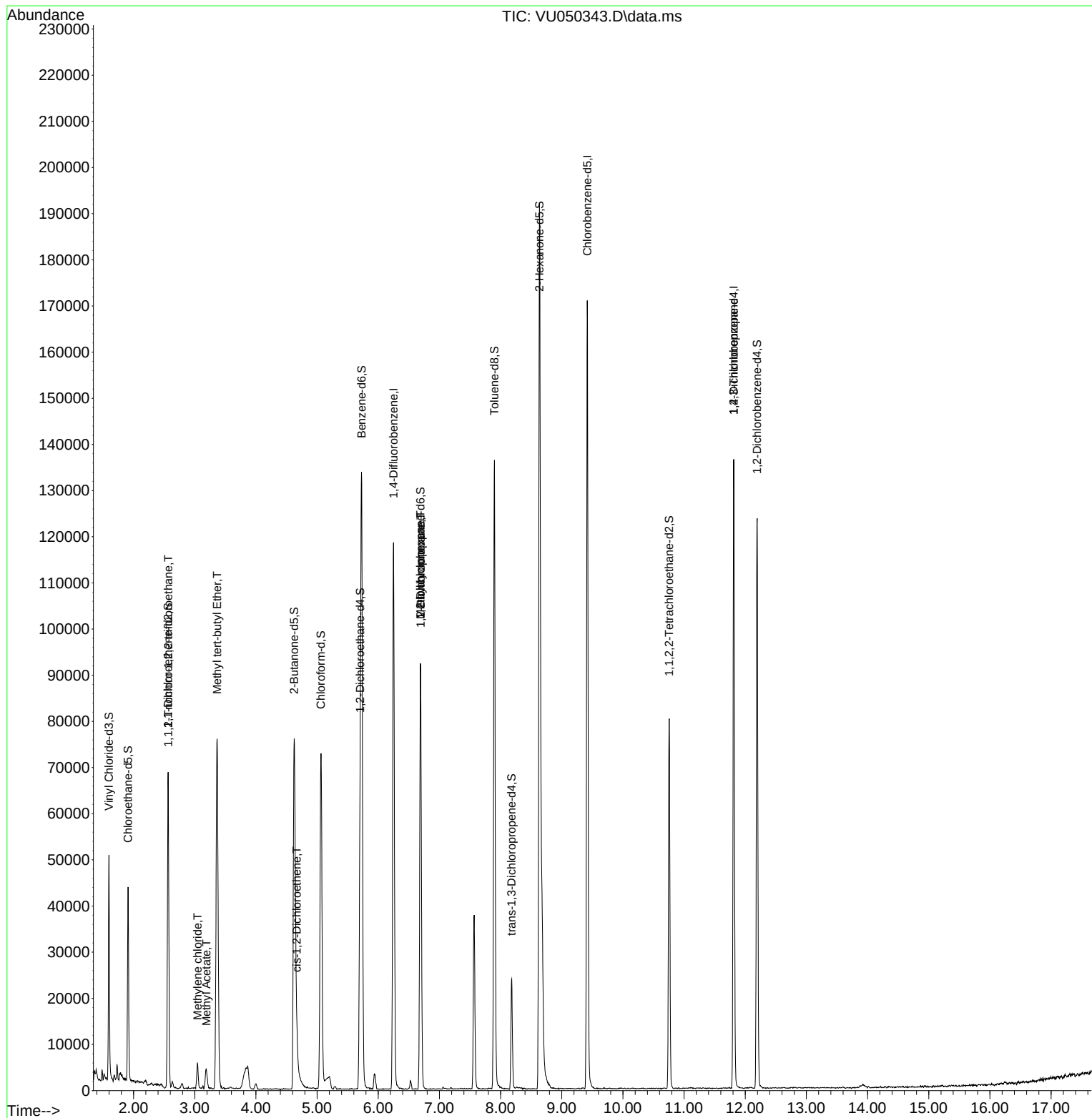
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96851	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	98048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35187	4.366	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.909	69	30979	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	65	13223	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.626	46	111151	56.551	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.100%
24) Chloroform-d	5.063	84	70327	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.703	65	37526	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.729	84	126857	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	46142	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.899	98	94968	3.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.179	79	14237	3.943	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.635	63	58588	45.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	41850	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	33673	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	339	0.053	ug/L #	22
15) Methyl Acetate	3.192	43	533	0.178	ug/L #	46
16) Methylene chloride	3.047	84	2590	0.253	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	79890	4.572	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	1232	0.148	ug/L	85
35) Methylcyclohexane	6.690	83	10432	0.973	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4547	0.497	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4364	0.869	ug/L #	67

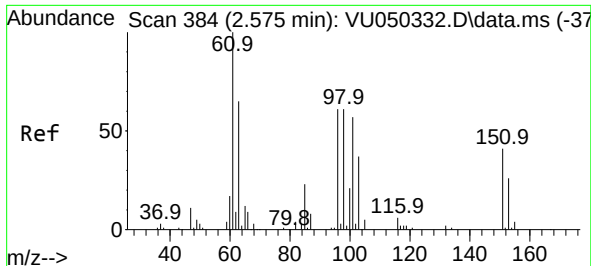
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.053 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU050343.D

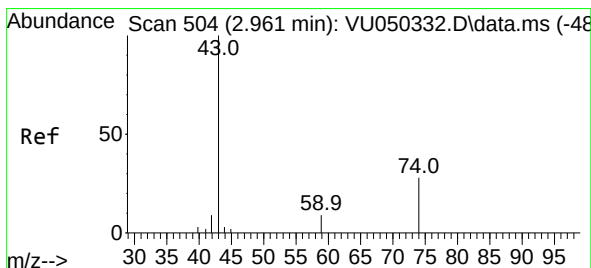
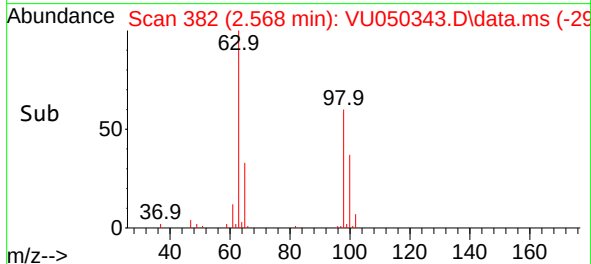
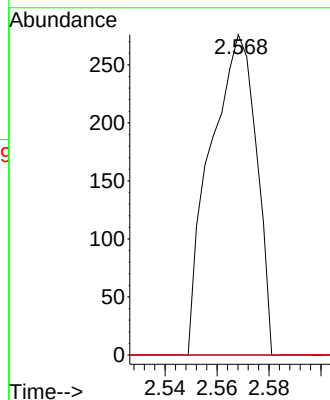
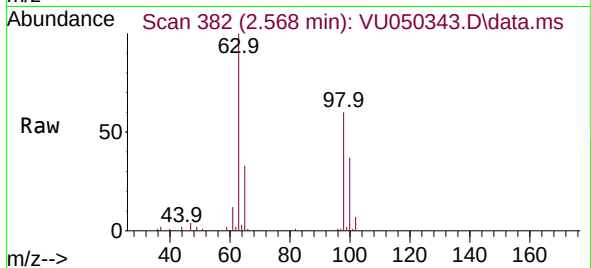
Acq: 15 Aug 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	339
Ion	Ratio	Lower Upper
101	100	
85	0.0	35.6 53.4#
151	0.0	55.2 82.8#



#15

Methyl Acetate

Concen: 0.178 ug/L

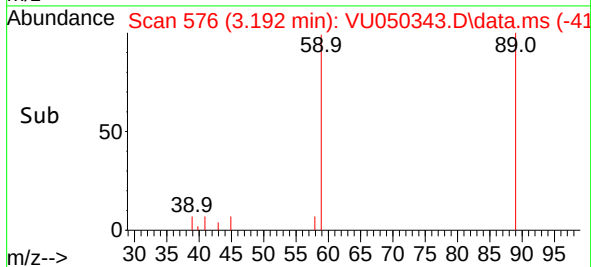
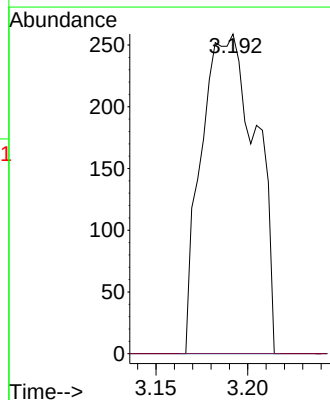
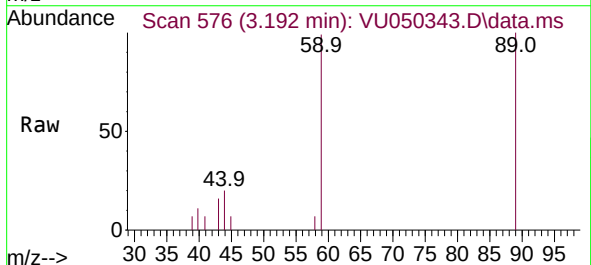
RT: 3.192 min Scan# 576

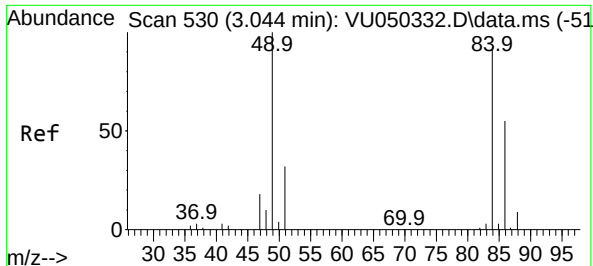
Delta R.T. 0.231 min

Lab File: VU050343.D

Acq: 15 Aug 2022 15:59

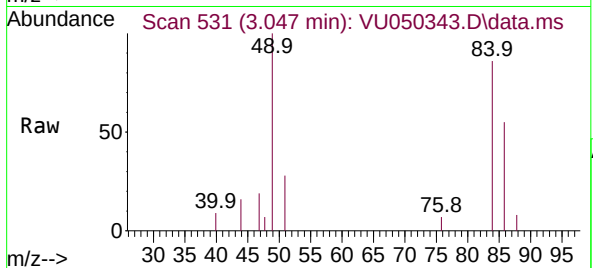
Tgt Ion: 43	Resp:	533
Ion	Ratio	Lower Upper
43	100	
74	0.0	22.7 34.1#





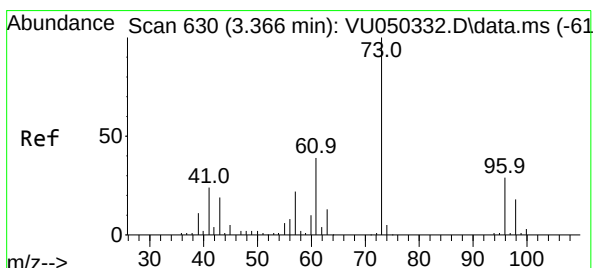
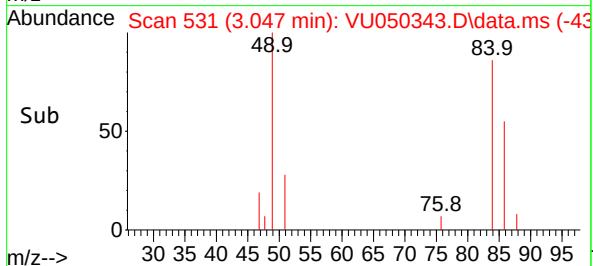
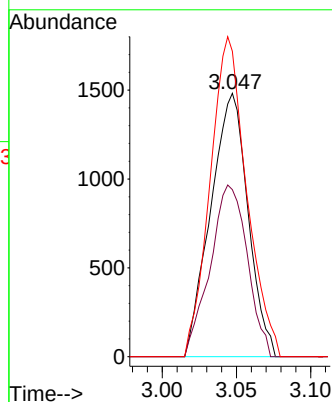
#16
Methylene chloride
Concen: 0.253 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050343.D
Acq: 15 Aug 2022 15:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2590

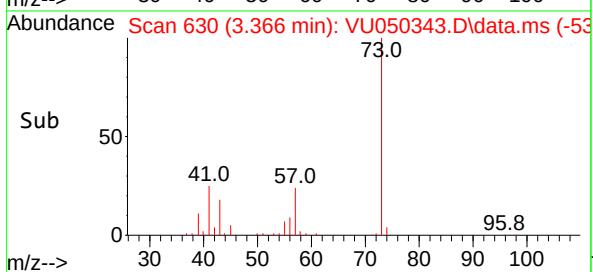
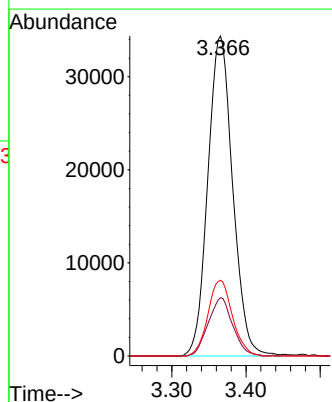
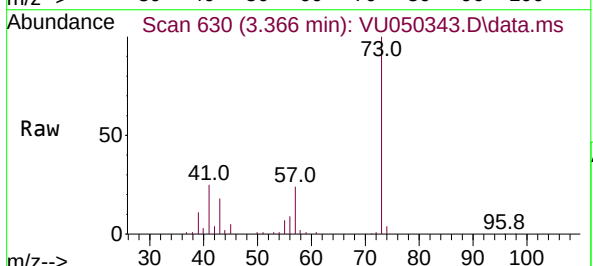
Ion	Ratio	Lower	Upper
84	100		
86	63.4	45.9	85.3
49	116.0	77.6	144.0

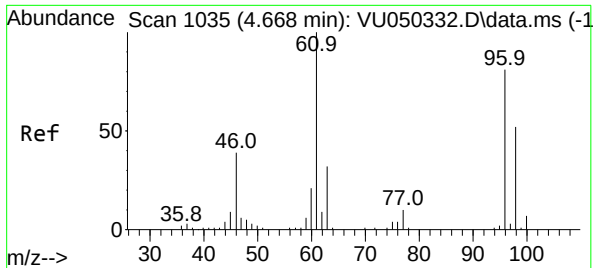


#17
Methyl tert-butyl Ether
Concen: 4.572 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050343.D
Acq: 15 Aug 2022 15:59

Tgt Ion: 73 Resp: 79890

Ion	Ratio	Lower	Upper
73	100		
43	17.9	13.5	20.3
57	23.3	17.4	26.2





#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050343.D

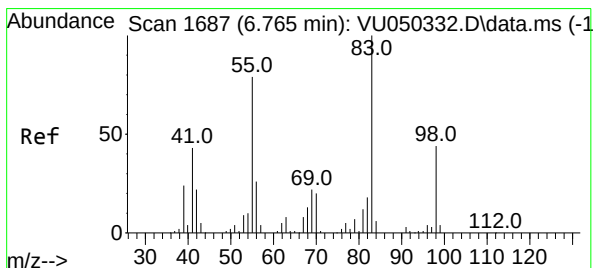
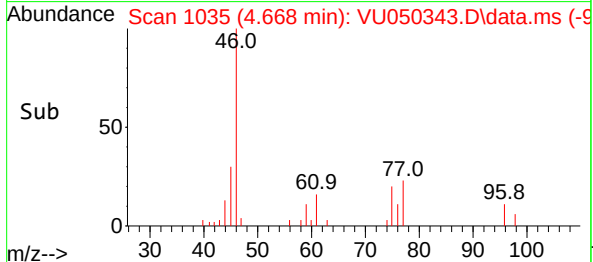
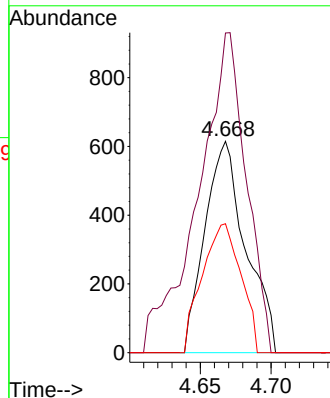
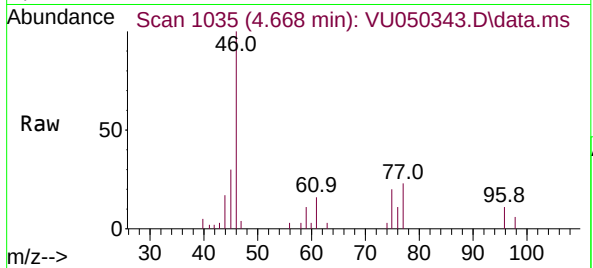
Acq: 15 Aug 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	1232
Ion	Ratio	Lower	Upper
96	100		
61	151.2	89.0	165.4
98	61.0	45.2	84.0



#35

Methylcyclohexane

Concen: 0.973 ug/L

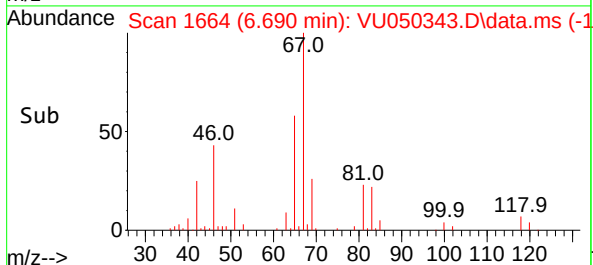
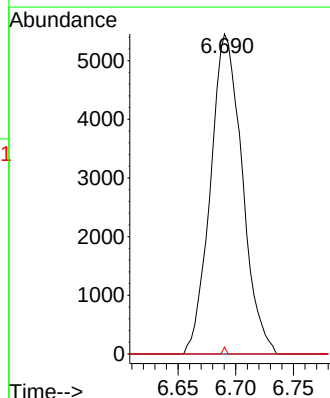
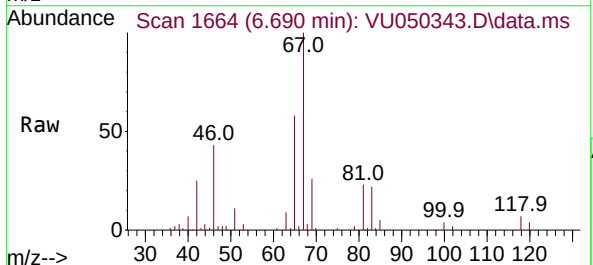
RT: 6.690 min Scan# 1664

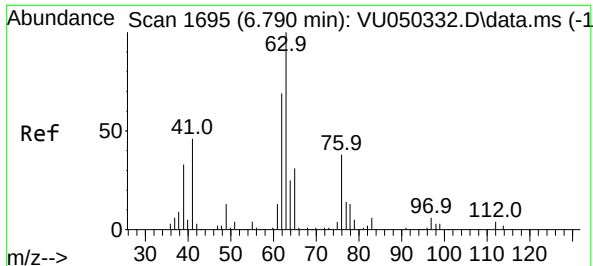
Delta R.T. -0.074 min

Lab File: VU050343.D

Acq: 15 Aug 2022 15:59

Tgt Ion:	83	Resp:	10432
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.2	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU050343.D

Acq: 15 Aug 2022 15:59

Instrument :

MSVOA_U

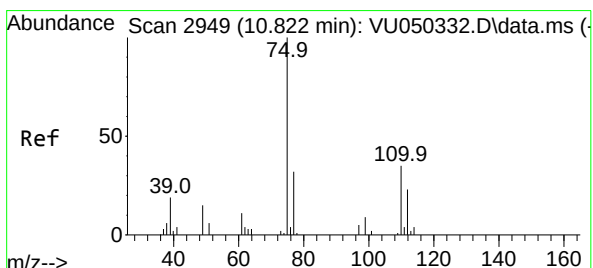
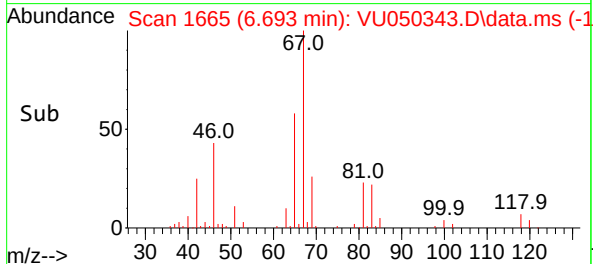
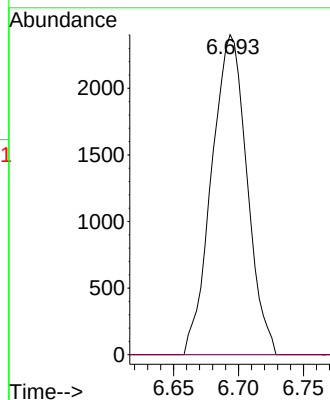
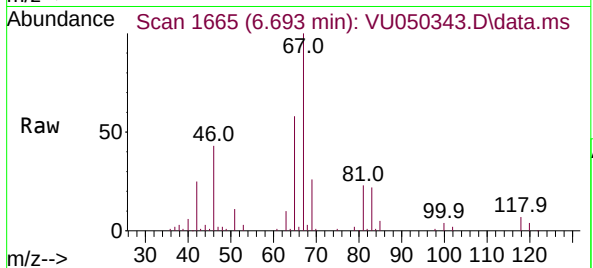
ClientSampleId :

Tgt Ion: 63 Resp: 4547

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.869 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050343.D

Acq: 15 Aug 2022 15:59

Tgt Ion: 75 Resp: 4364

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 30.5 25.8 38.6

