

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057538.D
 Acq On : 15 Jan 2024 18:37
 Operator : MD/SY
 Sample : P1062-10 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

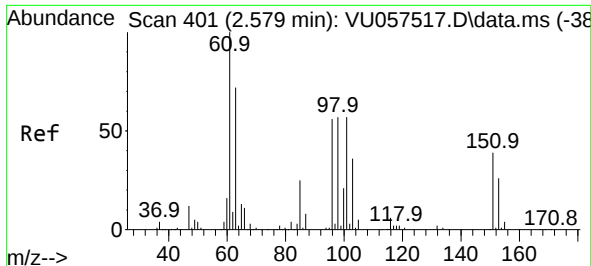
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:38:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	262049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	205510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	112741	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.914	69	103477	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.563	65	52194	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.637	46	281064	55.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.780%
24) Chloroform-d	5.055	84	238119	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.695	65	120547	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	430496	5.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
36) 1,2-Dichloropropane-d6	6.682	67	143152	6.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.600%
41) Toluene-d8	7.891	98	274088	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.174	79	35856	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.631	63	138281	47.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	103876	6.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.600%#
66) 1,2-Dichlorobenzene-d4	12.187	152	103833	5.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	7112	0.465	ug/L #	1
14) Carbon disulfide	2.792	76	15344	0.359	ug/L	98
15) Methyl Acetate	3.181	43	6833	1.000	ug/L #	56
16) Methylene chloride	3.039	84	14598	0.705	ug/L	96
19) 1,1-Dichloroethane	3.862	63	17863	0.521	ug/L	92
22) cis-1,2-Dichloroethene	4.669	96	4035	0.228	ug/L	91
34) Trichloroethene	6.541	95	15655	0.987	ug/L	96
35) Methylcyclohexane	6.682	83	34224	1.623	ug/L #	15
37) 1,2-Dichloropropane	6.682	63	15810	0.923	ug/L #	91
61) 1,2,3-Trichloropropane	11.804	75	13934	1.468	ug/L #	67

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



#12

1,1-Dichloroethene

Concen: 0.465 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

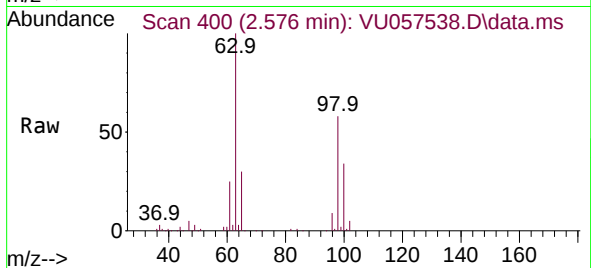
Lab File: VU057538.D

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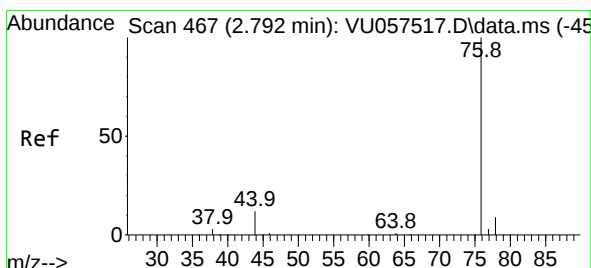
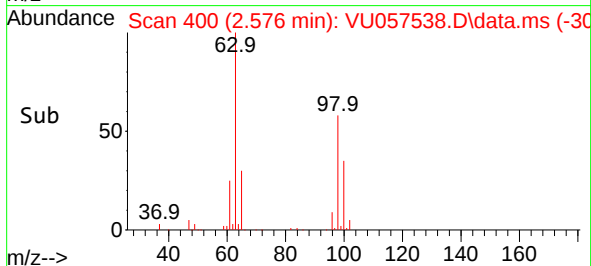
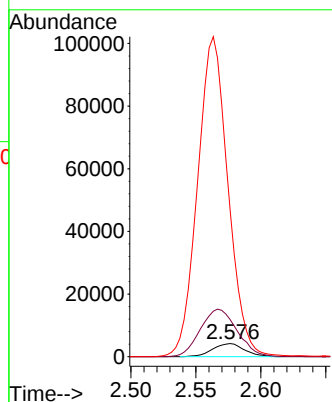
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	7112
Ion	Ratio	Lower	Upper
96	100		
61	284.2	130.9	243.1#
63	1123.1	114.8	213.2#



#14

Carbon disulfide

Concen: 0.359 ug/L

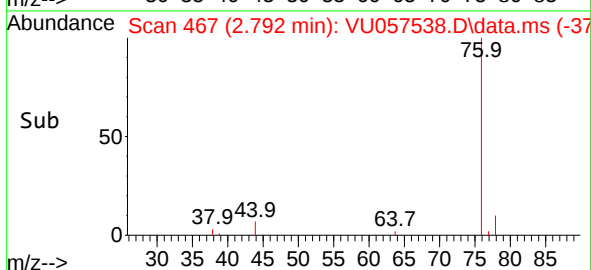
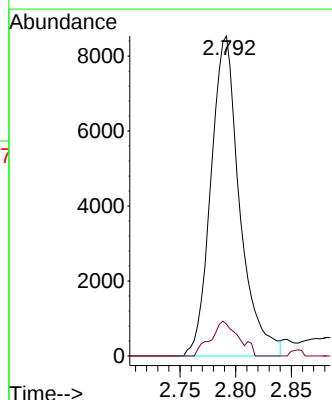
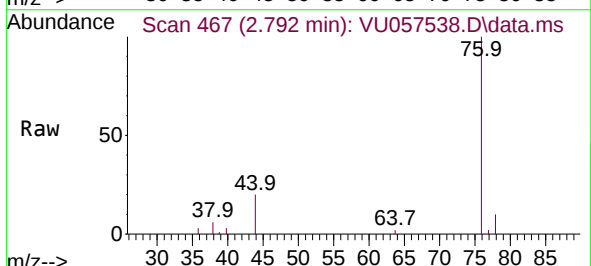
RT: 2.792 min Scan# 467

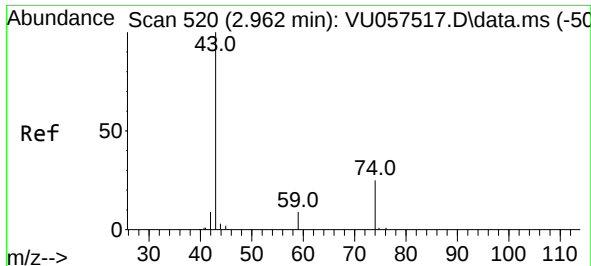
Delta R.T. 0.000 min

Lab File: VU057538.D

Acq: 15 Jan 2024 18:37

Tgt Ion:	76	Resp:	15344
Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

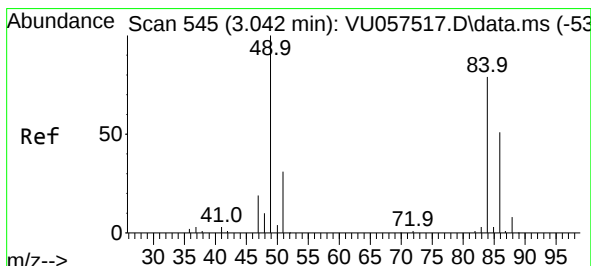
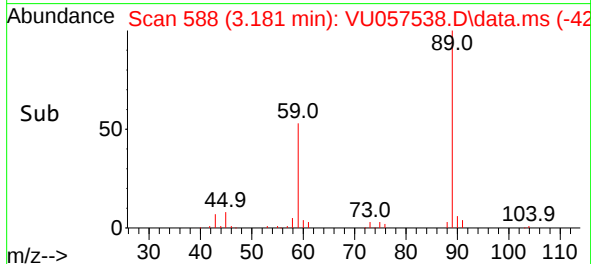
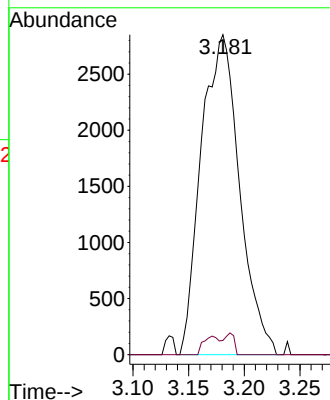
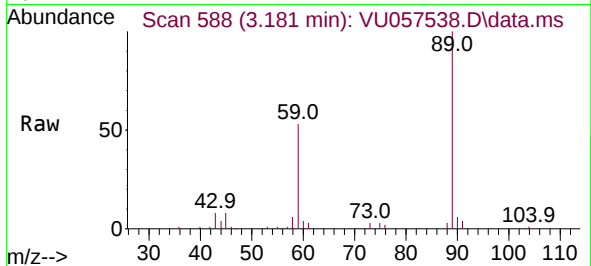




#15
Methyl Acetate
Concen: 1.000 ug/L
RT: 3.181 min Scan# 51
Delta R.T. 0.219 min
Lab File: VU057538.D
Acq: 15 Jan 2024 18:37

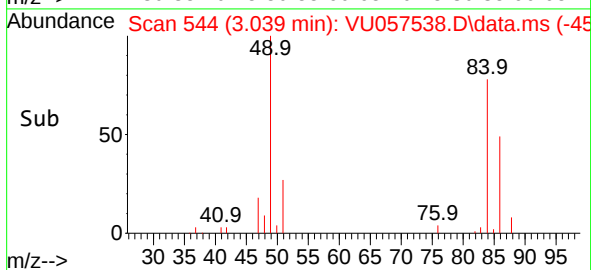
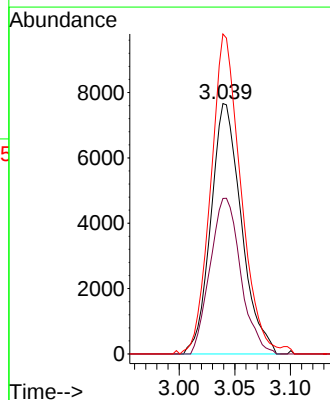
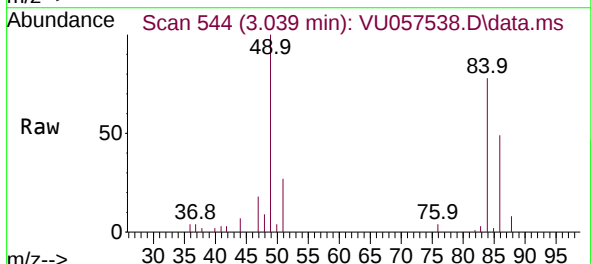
Instrument :
MSVOA_U
ClientSampleId :

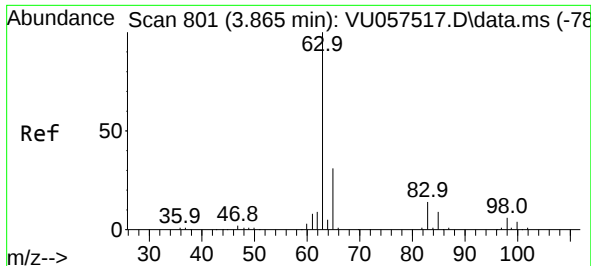
Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
74 1.8 18.6 27.8#



#16
Methylene chloride
Concen: 0.705 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057538.D
Acq: 15 Jan 2024 18:37

Tgt Ion: 84 Resp: 14598
Ion Ratio Lower Upper
84 100
86 62.1 45.8 85.2
49 127.8 86.7 161.1





#19

1,1-Dichloroethane

Concen: 0.521 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU057538.D

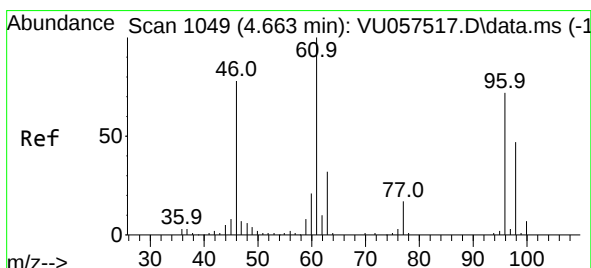
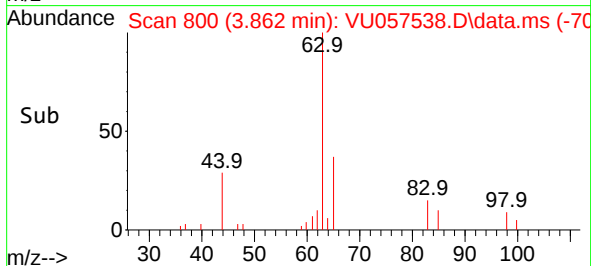
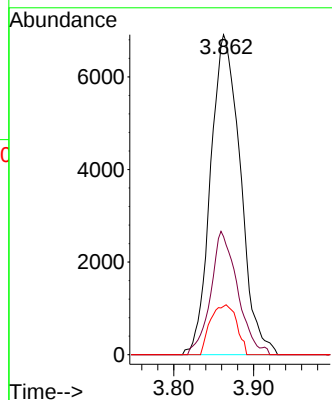
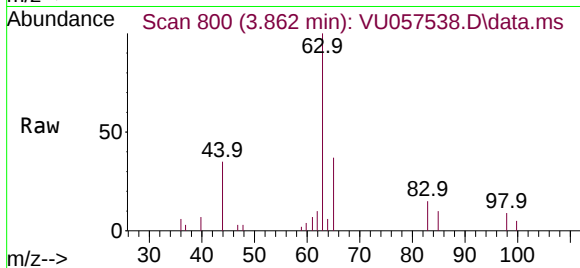
Acq: 15 Jan 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	17863
Ion	Ratio	Lower	Upper
63	100		
65	36.9	22.3	41.3
83	15.1	9.1	16.9



#22

cis-1,2-Dichloroethene

Concen: 0.228 ug/L

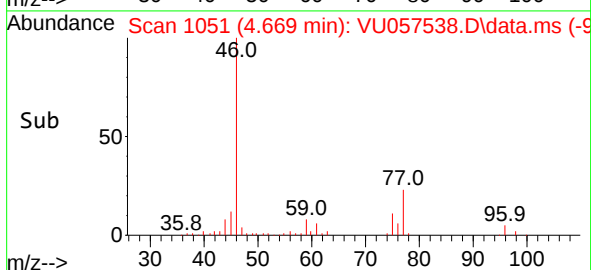
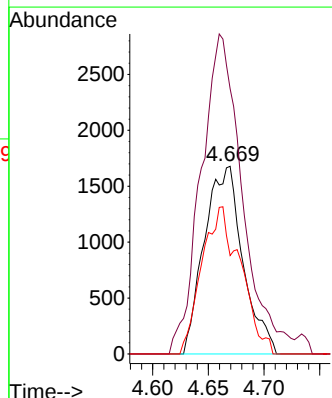
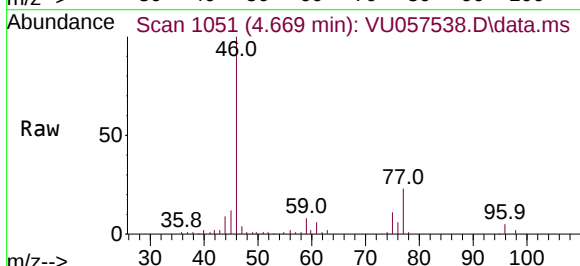
RT: 4.669 min Scan# 1051

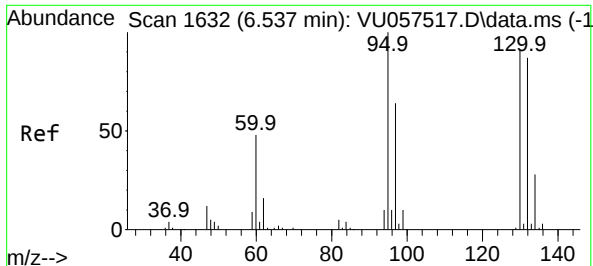
Delta R.T. 0.007 min

Lab File: VU057538.D

Acq: 15 Jan 2024 18:37

Tgt Ion:	96	Resp:	4035
Ion	Ratio	Lower	Upper
96	100		
61	141.3	93.4	173.4
98	52.4	44.9	83.3

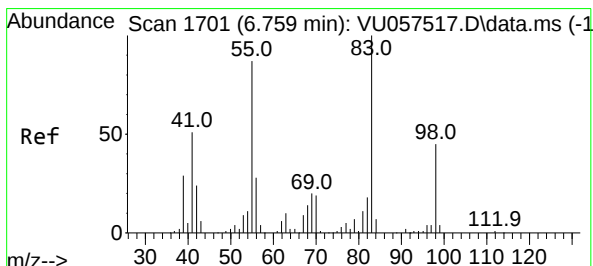
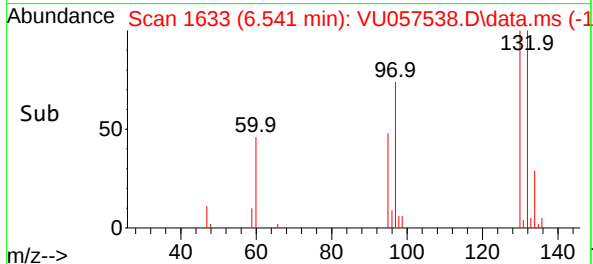
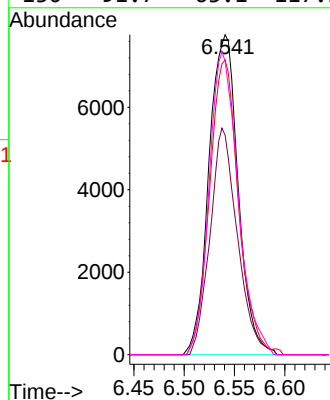
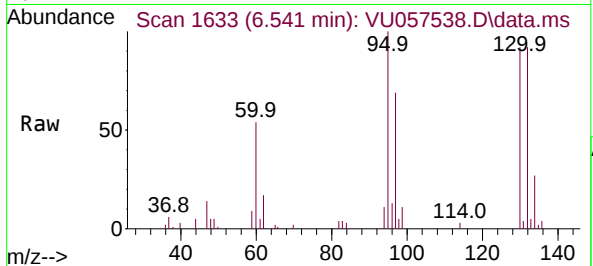




#34
Trichloroethene
Concen: 0.987 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057538.D
Acq: 15 Jan 2024 18:37

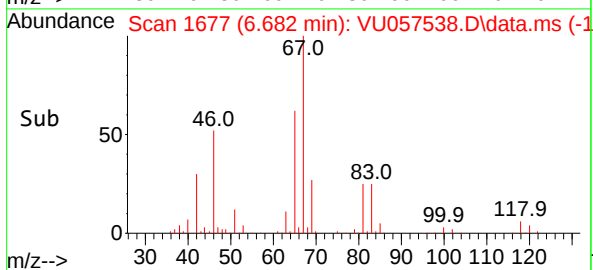
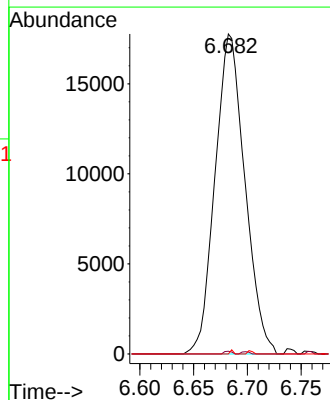
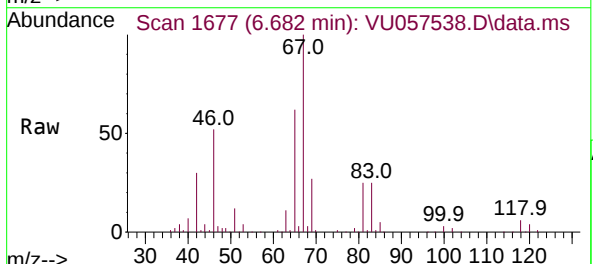
Instrument :
MSVOA_U
ClientSampleId :

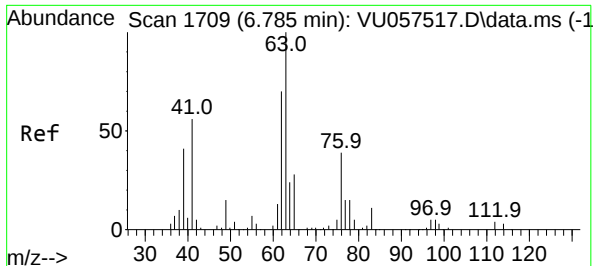
Tgt Ion: 95 Resp: 15655
Ion Ratio Lower Upper
95 100
97 68.6 45.0 83.6
132 92.1 61.7 114.5
130 91.7 63.1 117.3



#35
Methylcyclohexane
Concen: 1.623 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057538.D
Acq: 15 Jan 2024 18:37

Tgt Ion: 83 Resp: 34224
Ion Ratio Lower Upper
83 100
55 0.2 68.7 103.1#
98 0.1 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.923 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057538.D

Acq: 15 Jan 2024 18:37

Instrument :

MSVOA_U

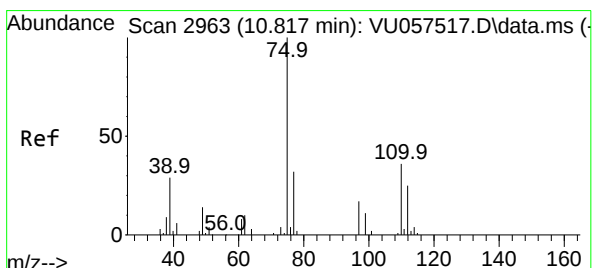
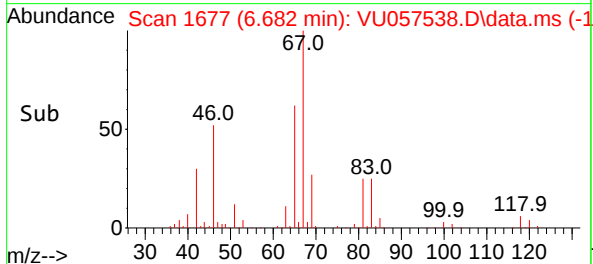
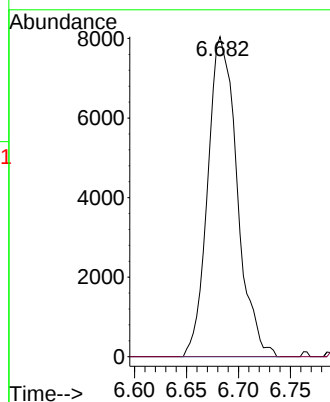
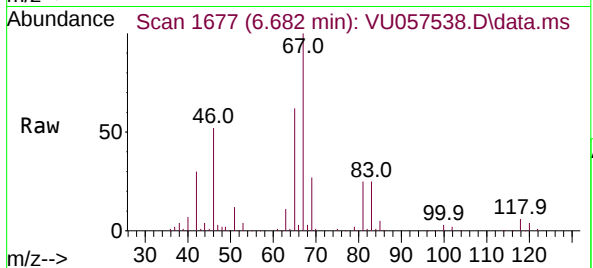
ClientSampleId :

Tgt Ion: 63 Resp: 15810

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#



#61

1,2,3-Trichloropropane

Concen: 1.468 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057538.D

Acq: 15 Jan 2024 18:37

Tgt Ion: 75 Resp: 13934

Ion Ratio Lower Upper

75 100

110 2.5 29.4 44.0#

77 29.7 26.2 39.4

