

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050174.D
 Acq On : 09 Aug 2022 11:13
 Operator : SY/MD
 Sample : N4070-12DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:45:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

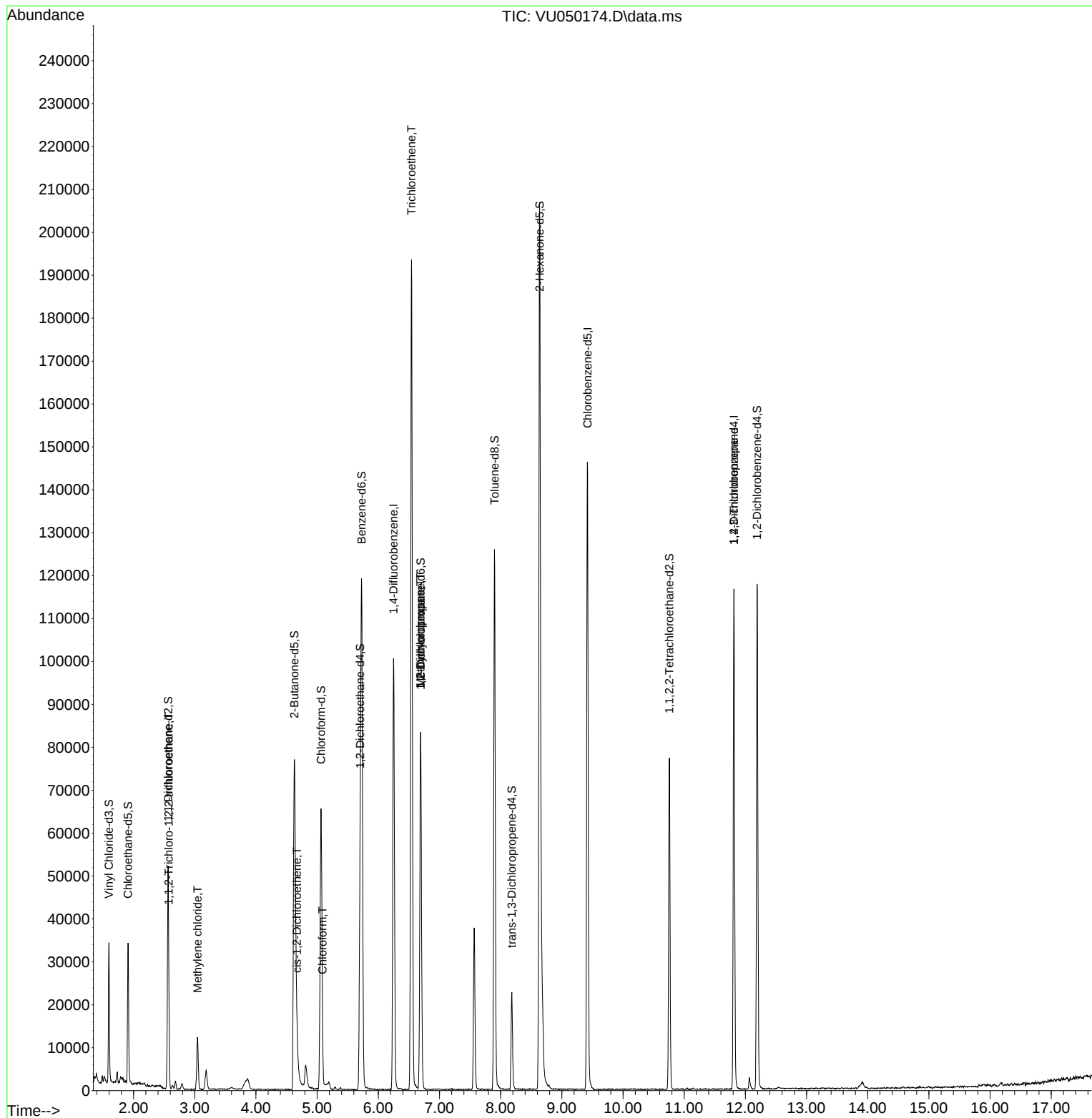
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84130	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23626	3.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.909	69	23320	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.565	65	9705	3.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.626	46	105891	62.021	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.040%
24) Chloroform-d	5.064	84	62655	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.703	65	33985	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.729	84	112109	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.694	67	42533	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.899	98	88085	3.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.182	79	13762	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.636	63	66633	59.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39063	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	32201	5.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	537	0.098	ug/L #	39
16) Methylene chloride	3.044	84	5658	0.637	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	3462	0.479	ug/L	93
25) Chloroform	5.089	83	279	0.021	ug/L	92
34) Trichloroethene	6.543	95	68605	9.489	ug/L	98
35) Methylcyclohexane	6.690	83	9278	0.994	ug/L #	29
37) 1,2-Dichloropropane	6.690	63	4484	0.563	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3831	0.882	ug/L #	68

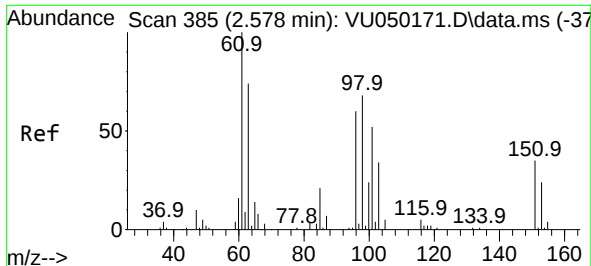
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.098 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050174.D

Acq: 09 Aug 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

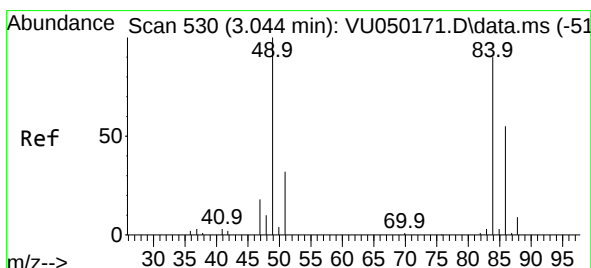
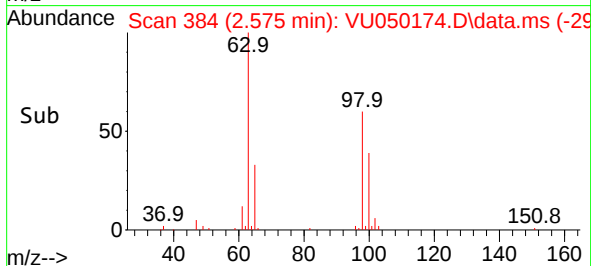
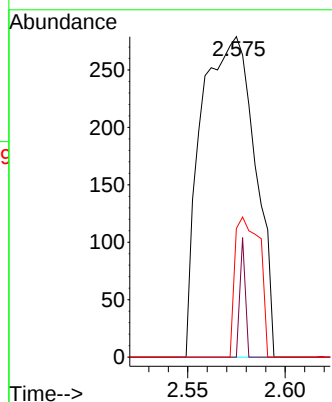
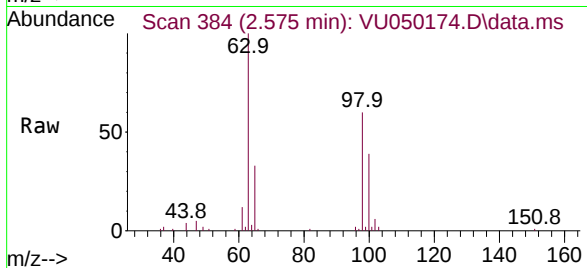
Tgt Ion:101 Resp: 537

Ion Ratio Lower Upper

101 100

85 3.7 35.6 53.4#

151 19.9 55.2 82.8#



#16

Methylene chloride

Concen: 0.637 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU050174.D

Acq: 09 Aug 2022 11:13

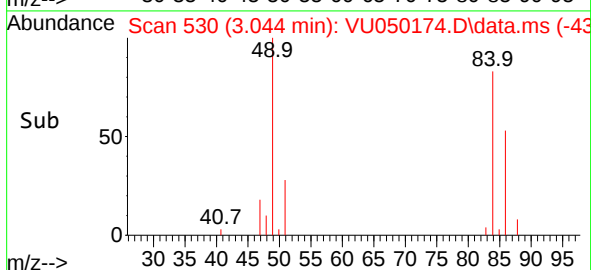
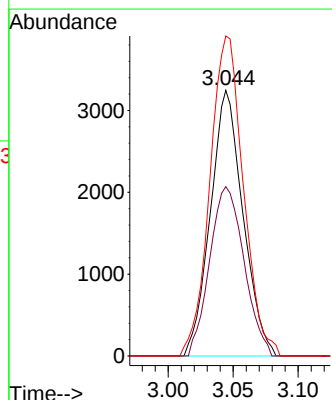
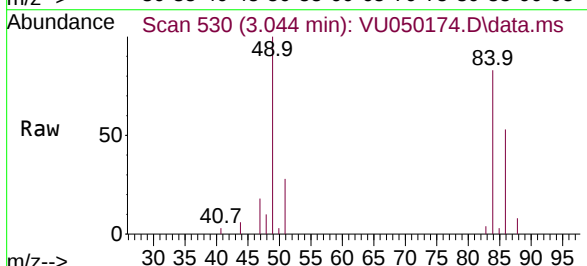
Tgt Ion: 84 Resp: 5658

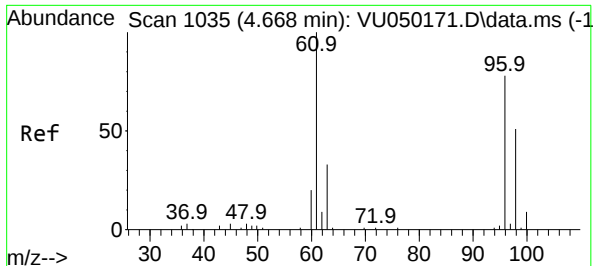
Ion Ratio Lower Upper

84 100

86 63.7 45.9 85.3

49 120.5 77.6 144.0





#22

cis-1,2-Dichloroethene

Concen: 0.479 ug/L

RT: 4.671 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU050174.D

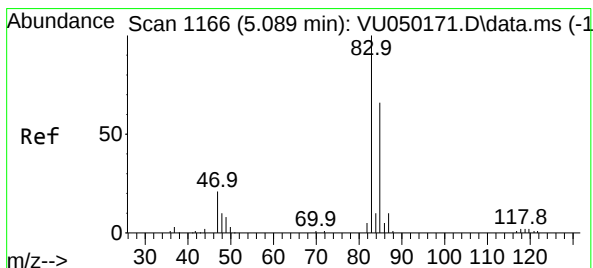
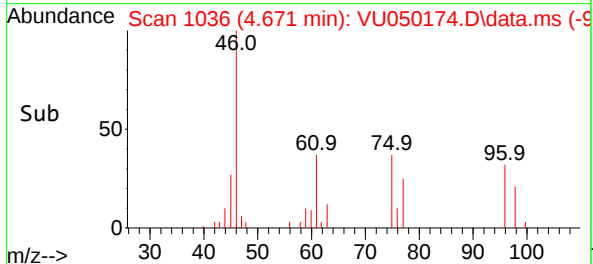
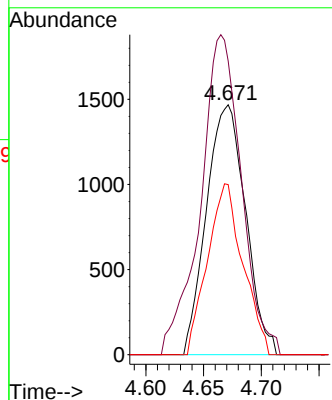
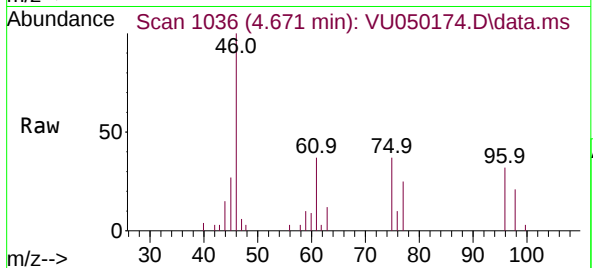
Acq: 09 Aug 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	3462
Ion	Ratio	Lower	Upper
96	100		
61	117.5	89.0	165.4
98	68.1	45.2	84.0



#25

Chloroform

Concen: 0.021 ug/L

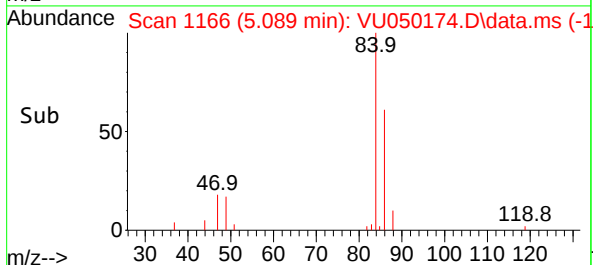
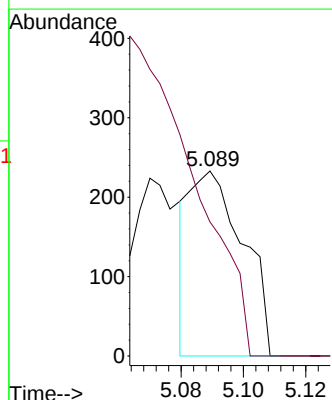
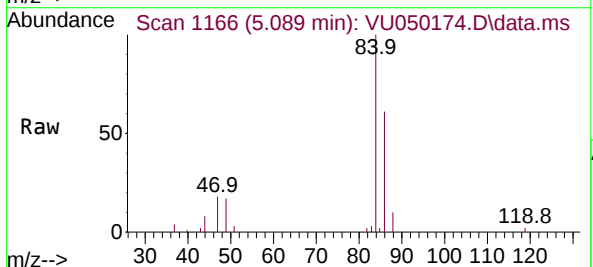
RT: 5.089 min Scan# 1166

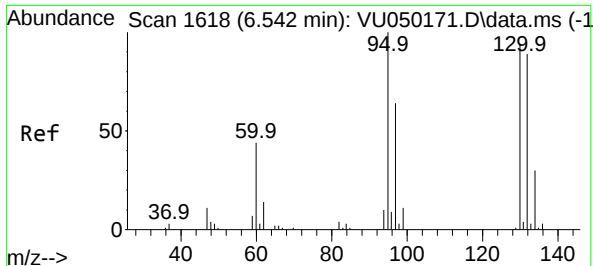
Delta R.T. 0.000 min

Lab File: VU050174.D

Acq: 09 Aug 2022 11:13

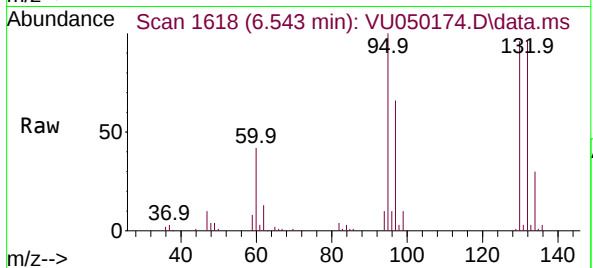
Tgt Ion:	83	Resp:	279
Ion	Ratio	Lower	Upper
83	100		
85	72.5	46.1	85.5



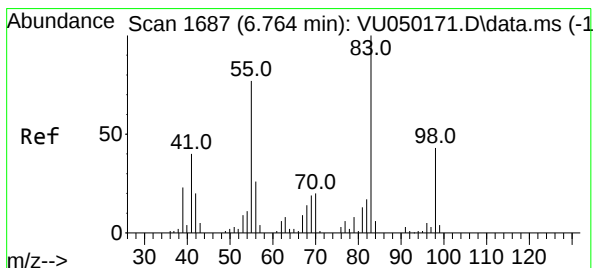
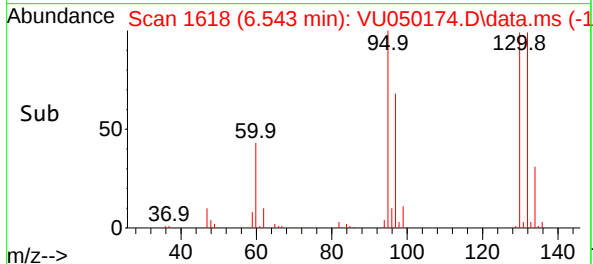
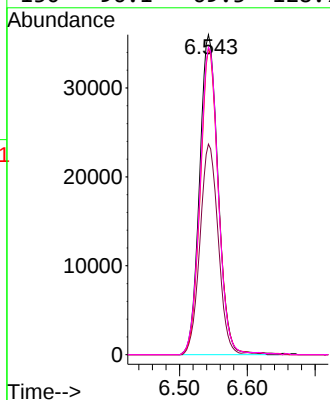


#34
Trichloroethene
Concen: 9.489 ug/L
RT: 6.543 min Scan# 1664
Delta R.T. 0.000 min
Lab File: VU050174.D
Acq: 09 Aug 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :

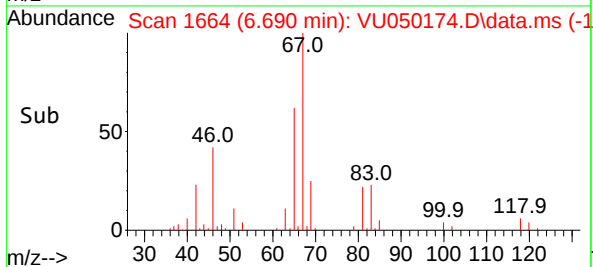
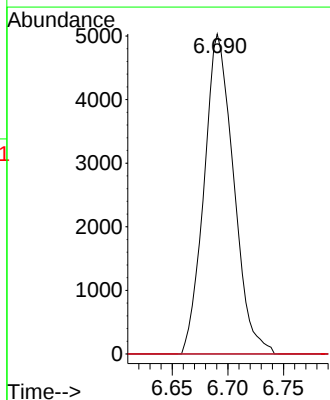
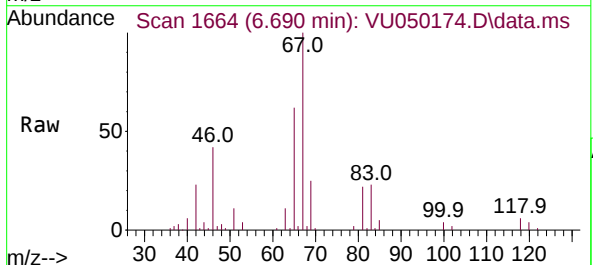


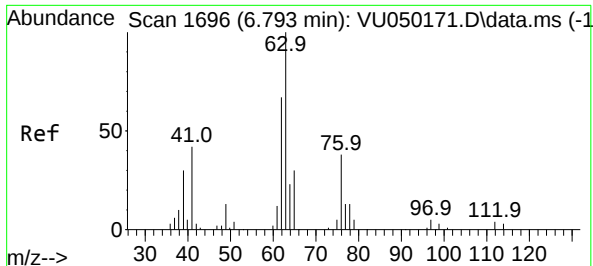
Tgt Ion: 95 Resp: 68605
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.8
132 95.8 65.0 120.6
130 96.1 69.3 128.7



#35
Methylcyclohexane
Concen: 0.994 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050174.D
Acq: 09 Aug 2022 11:13

Tgt Ion: 83 Resp: 9278
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 20.6 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050174.D

Acq: 09 Aug 2022 11:13

Instrument :

MSVOA_U

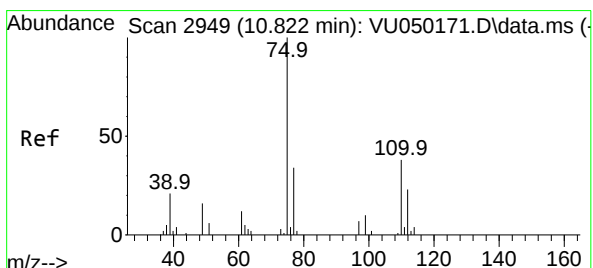
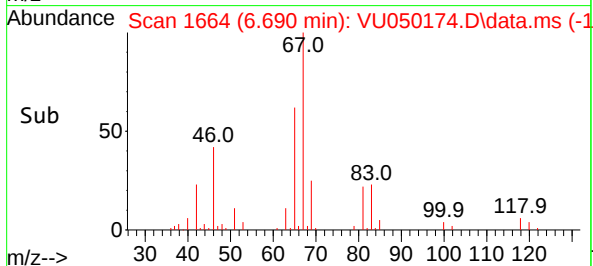
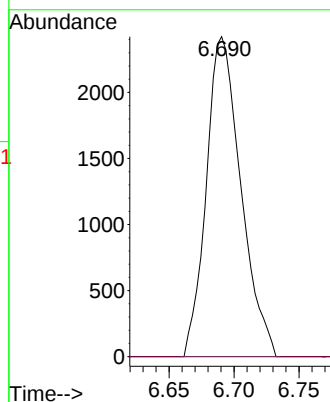
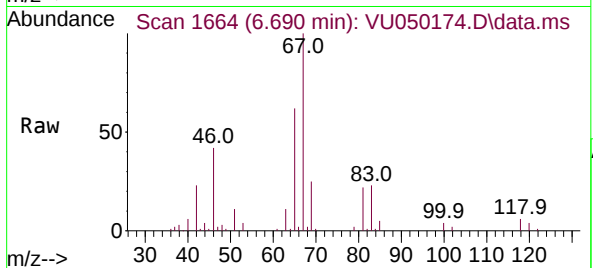
ClientSampleId :

Tgt Ion: 63 Resp: 4484

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.882 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050174.D

Acq: 09 Aug 2022 11:13

Tgt Ion: 75 Resp: 3831

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.9 25.8 38.6

