

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052096.D
 Acq On : 23 Nov 2022 18:38
 Operator : JC/MD
 Sample : N5684-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:15:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

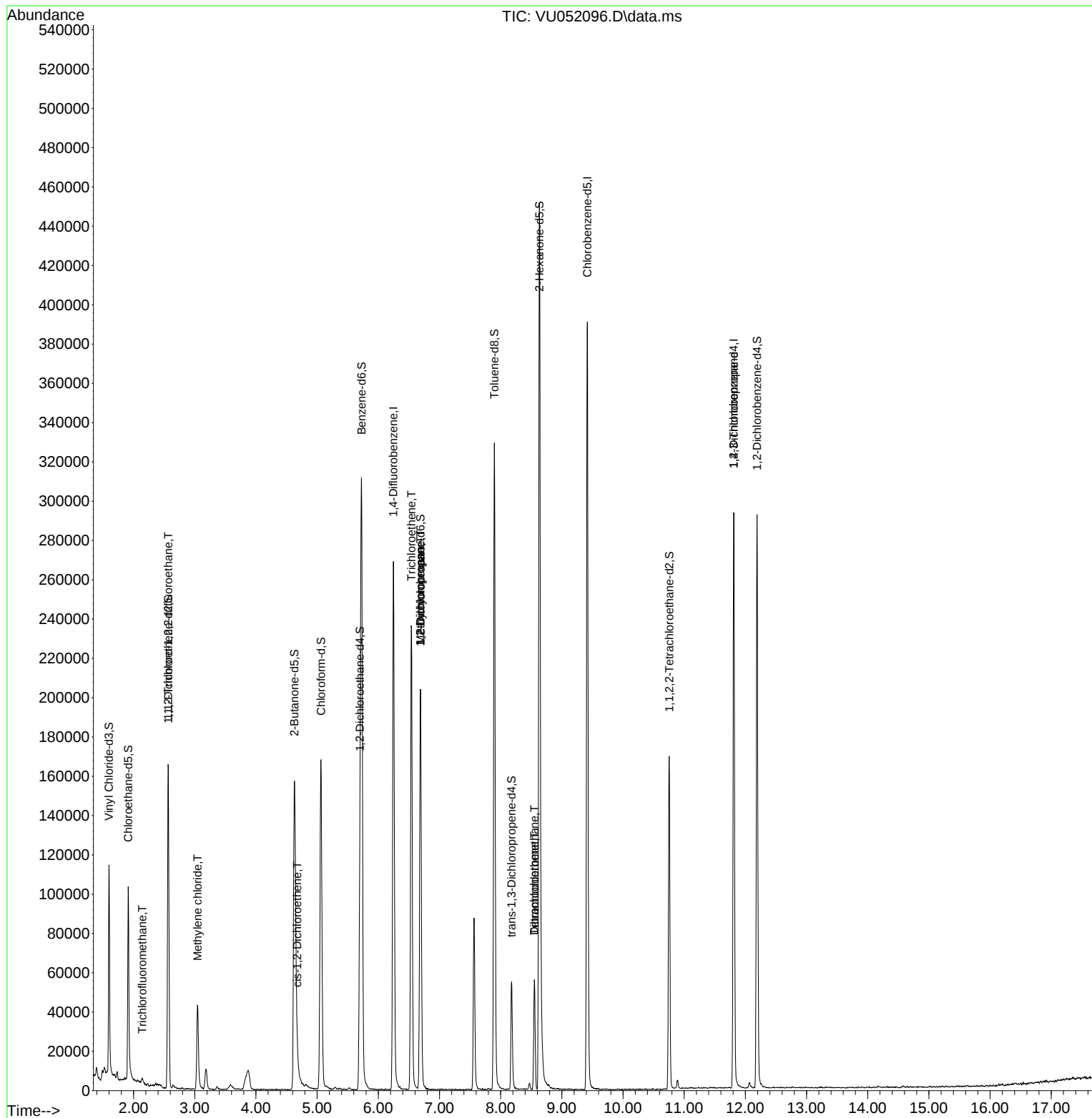
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	224346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81490	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.912	69	77491	4.572	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.565	65	30517	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.629	46	209912	53.068	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.140%
24) Chloroform-d	5.063	84	159246	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	80242	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.726	84	306688	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.687	67	103647	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	234681	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.179	79	32020	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.632	63	160697	49.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87945	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	82525	5.206	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	1568	0.058	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1082	0.066	ug/L #	20
16) Methylene chloride	3.044	84	23166	1.052	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	1061	0.058	ug/L	90
34) Trichloroethene	6.539	95	84365	4.571	ug/L	97
35) Methylcyclohexane	6.690	83	23891	0.900	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10552	0.551	ug/L #	88
47) Tetrachloroethene	8.552	164	13428	0.949	ug/L	96
49) Dibromochloromethane	8.552	129	12275	0.761	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10072	1.063	ug/L #	66

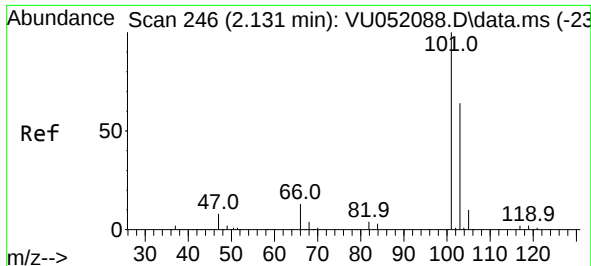
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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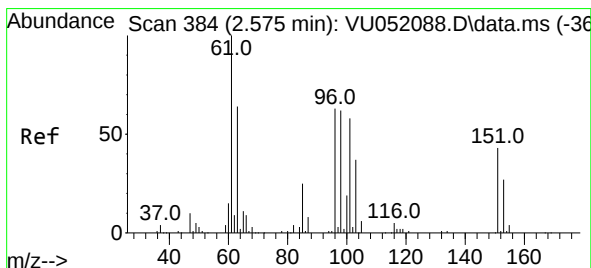
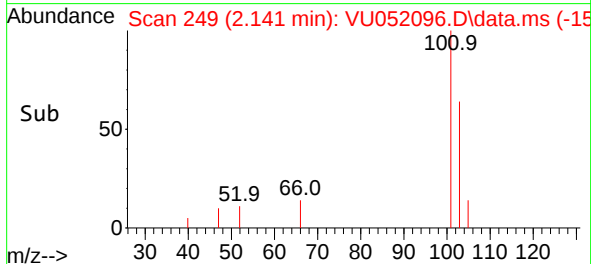
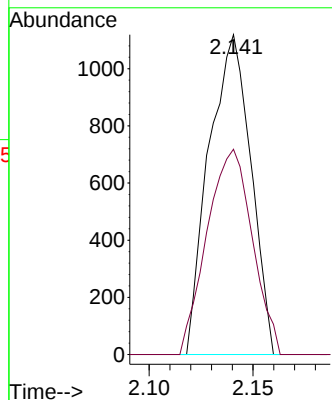
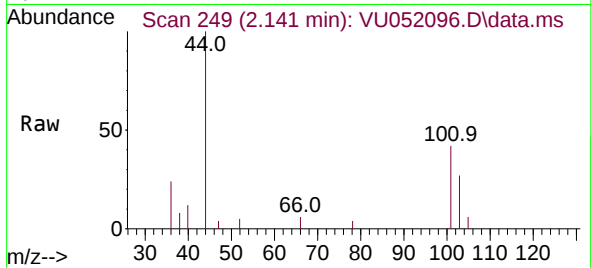




#9
Trichlorofluoromethane
Concen: 0.058 ug/L
RT: 2.141 min Scan# 246
Delta R.T. 0.009 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

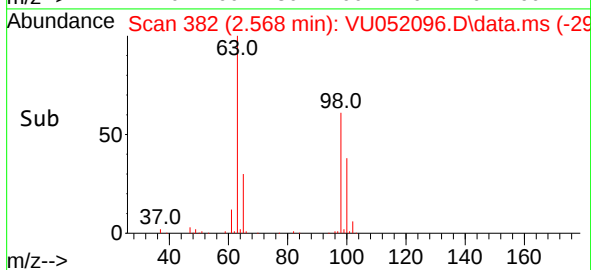
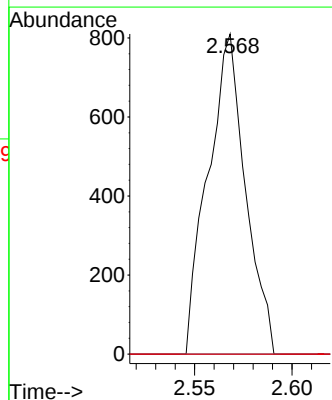
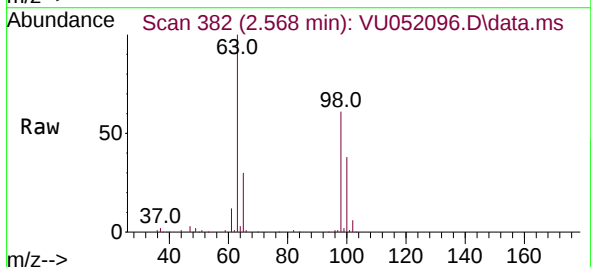
Instrument :
MSVOA_U
ClientSampleId :

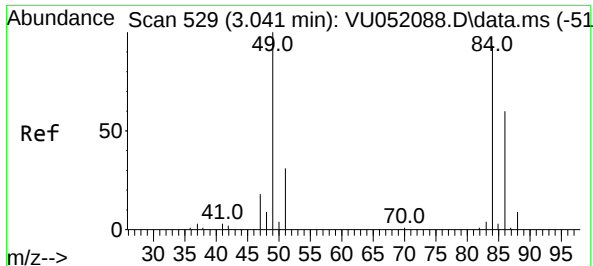
Tgt Ion:101 Resp: 1568
Ion Ratio Lower Upper
101 100
103 69.4 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

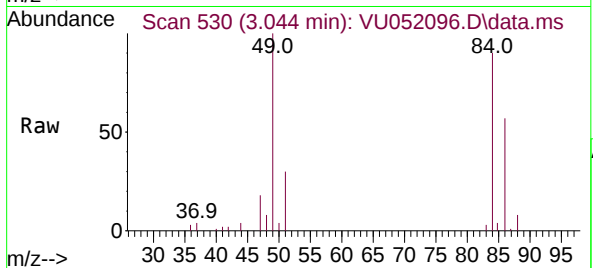
Tgt Ion:101 Resp: 1082
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



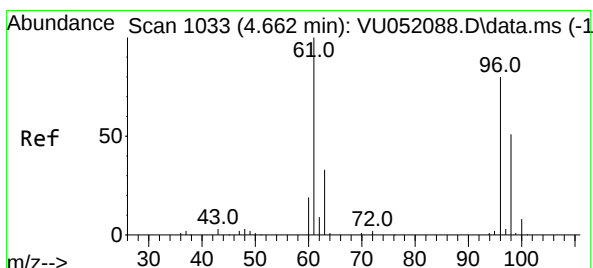
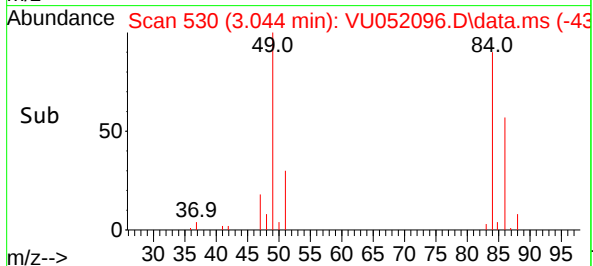
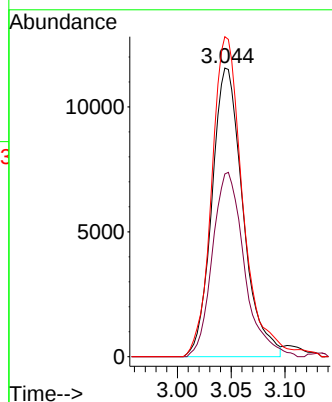


#16
Methylene chloride
Concen: 1.052 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

Instrument :
MSVOA_U
ClientSampleId :

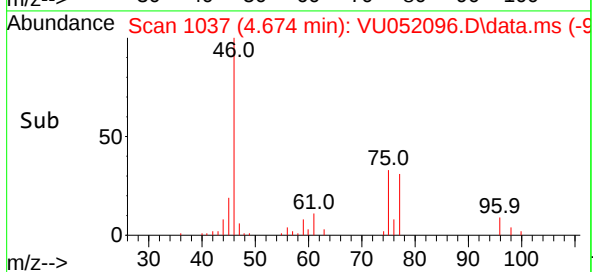
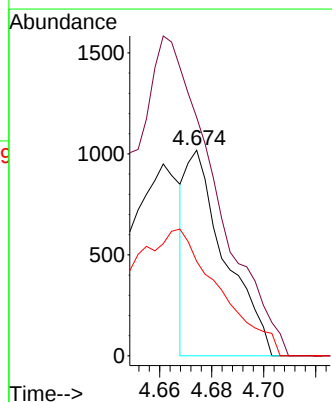
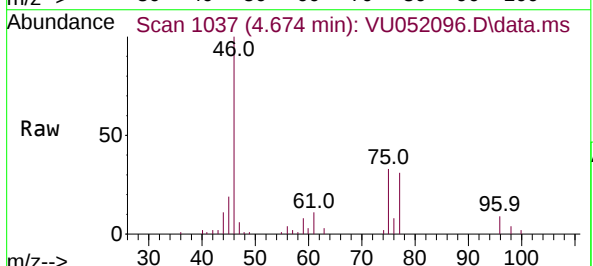


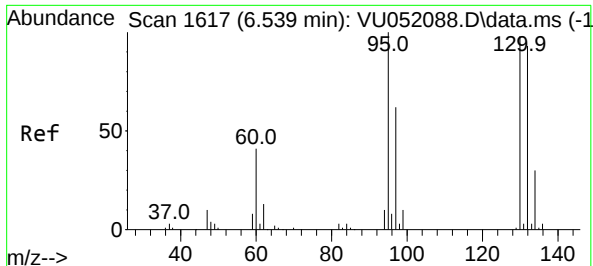
Tgt Ion: 84 Resp: 23166
Ion Ratio Lower Upper
84 100
86 63.3 43.8 81.4
49 110.8 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.013 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

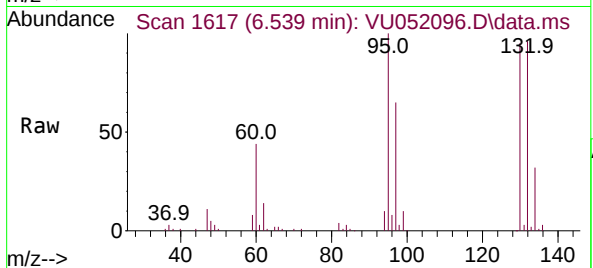
Tgt Ion: 96 Resp: 1061
Ion Ratio Lower Upper
96 100
61 116.0 85.1 158.1
98 46.0 42.8 79.6





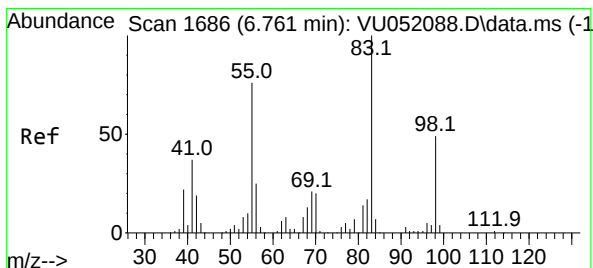
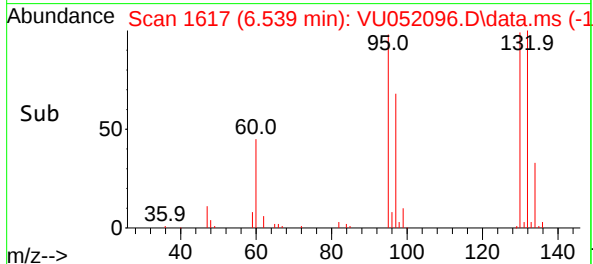
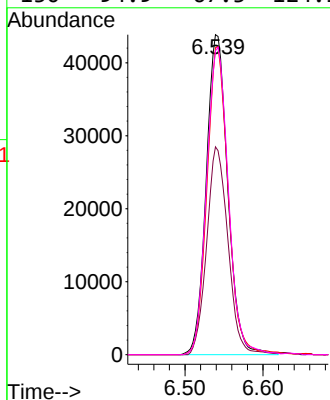
#34
Trichloroethene
Concen: 4.571 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 84365

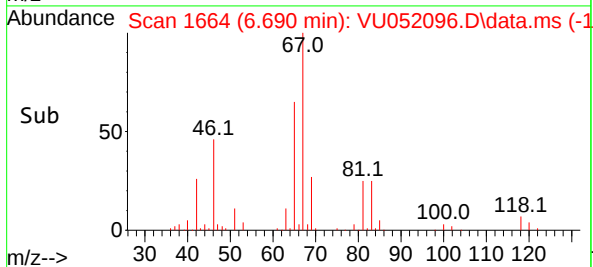
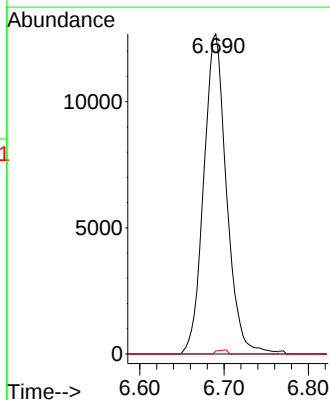
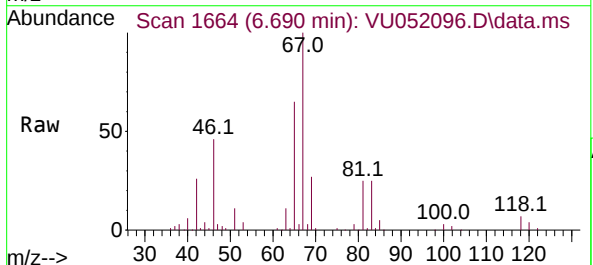
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.7	81.1
132	95.9	64.3	119.3
130	94.9	67.3	124.9

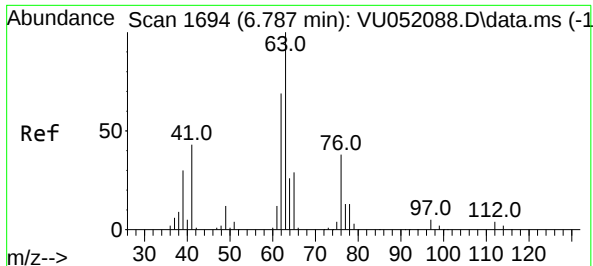


#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052096.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 83 Resp: 23891

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.6	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052096.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_U

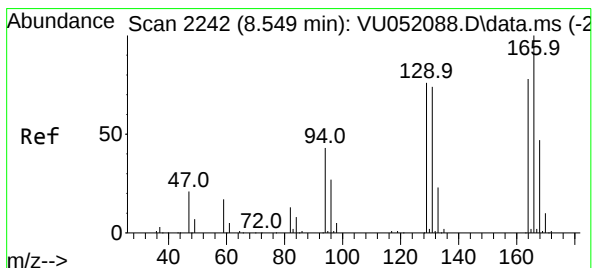
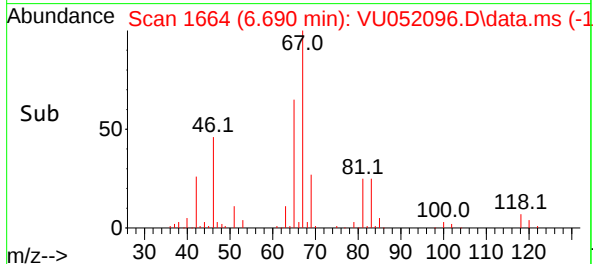
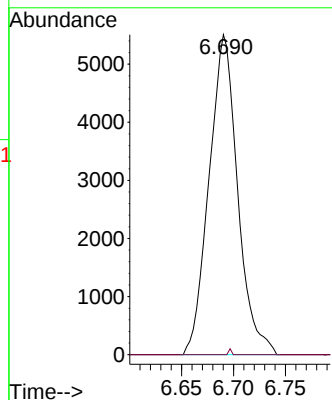
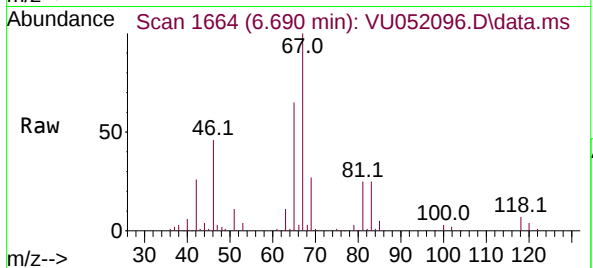
ClientSampleId :

Tgt Ion: 63 Resp: 10552

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.949 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052096.D

Acq: 23 Nov 2022 18:38

Tgt Ion: 164 Resp: 13428

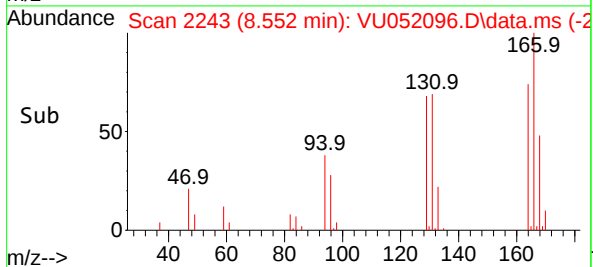
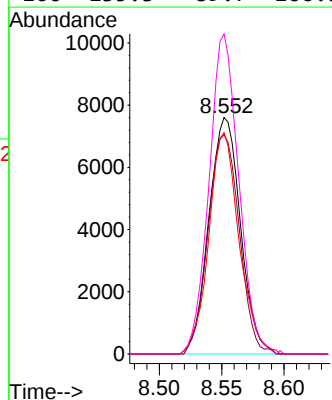
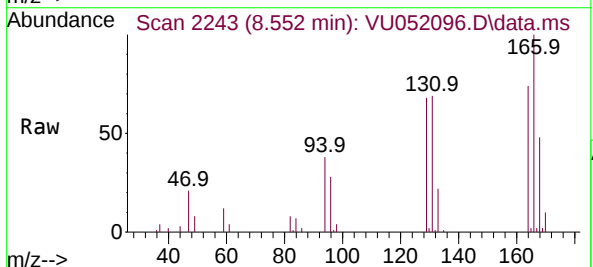
Ion Ratio Lower Upper

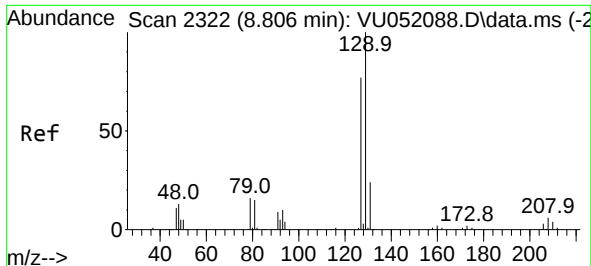
164 100

129 92.7 67.4 125.2

131 93.5 67.1 124.7

166 135.3 89.7 166.5





#49

Dibromochloromethane

Concen: 0.761 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052096.D

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Instrument :

MSVOA_U

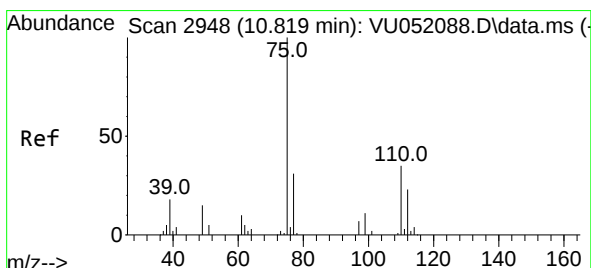
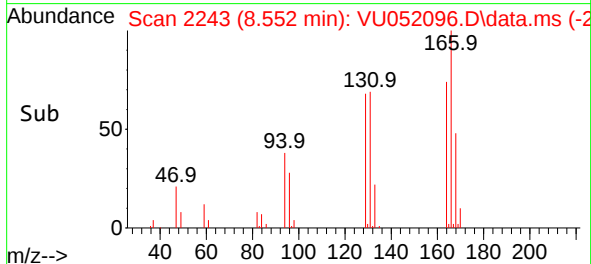
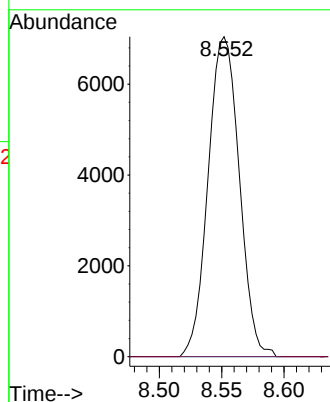
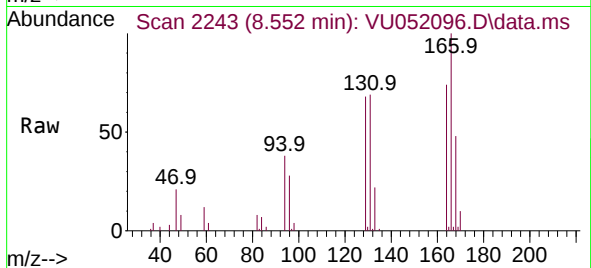
ClientSampleId :

Tgt Ion:129 Resp: 12275

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052096.D

Acq: 23 Nov 2022 18:38

Tgt Ion: 75 Resp: 10072

Ion Ratio Lower Upper

75 100

110 2.1 28.3 42.5#

77 28.1 26.2 39.2

