

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052101.D
 Acq On : 23 Nov 2022 21:01
 Operator : JC/MD
 Sample : N5684-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:16:18 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)

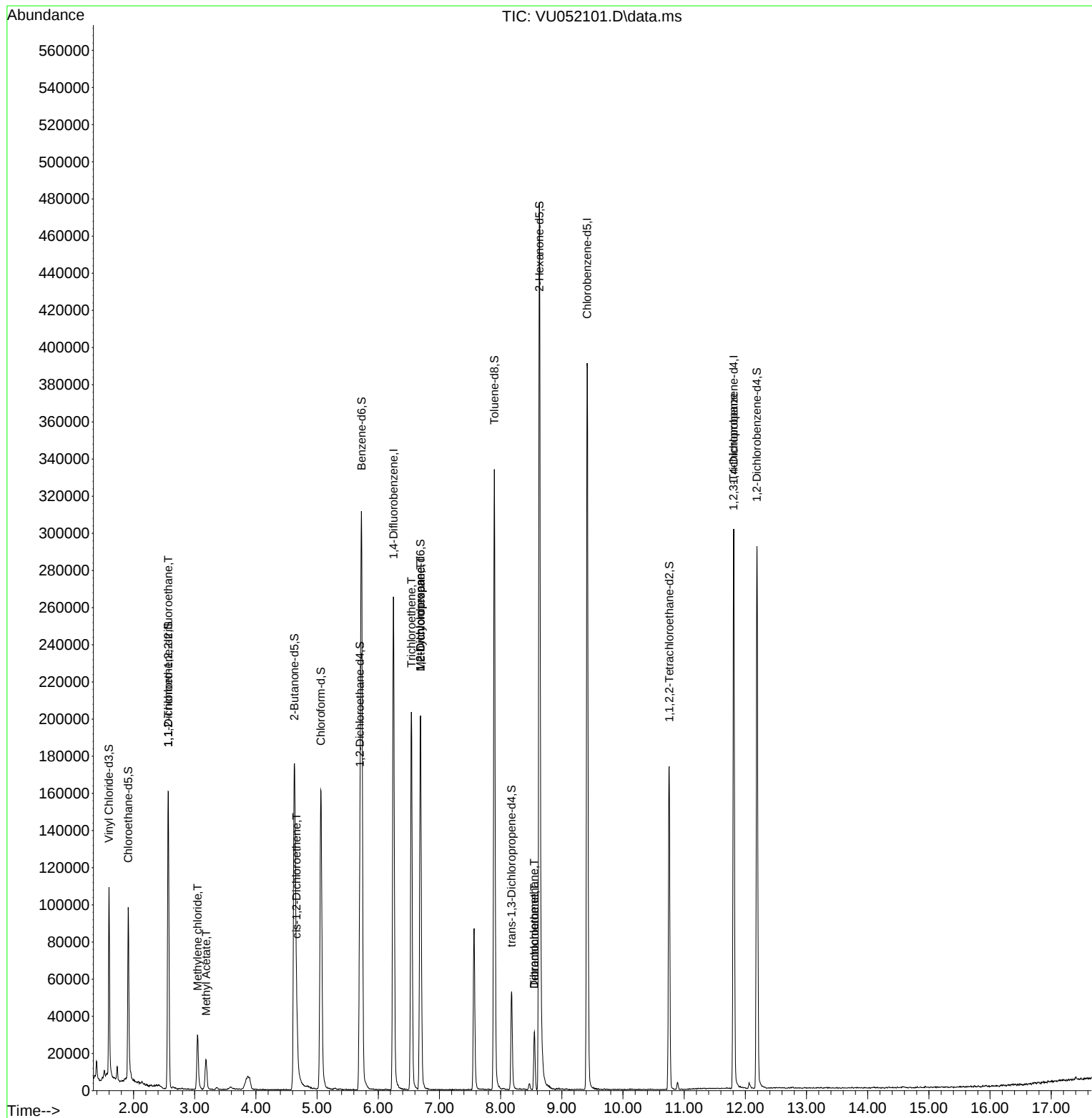
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	222319	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	77455	3.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.913	69	75270	4.481	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.565	65	30376	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.626	46	214993	54.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.700%
24) Chloroform-d	5.060	84	156309	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.700	65	80976	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	305512	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.691	67	102335	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.896	98	228432	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	31952	4.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.633	63	162871	50.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.300%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	89899	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	81385	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	892	0.055	ug/L #	22
15) Methyl Acetate	3.186	43	1110	0.161	ug/L #	48
16) Methylene chloride	3.044	84	15530	0.712	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	9068	0.500	ug/L	97
34) Trichloroethene	6.539	95	72226	3.887	ug/L	96
35) Methylcyclohexane	6.691	83	23105	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	10138	0.526	ug/L #	88
47) Tetrachloroethene	8.552	164	7083	0.497	ug/L	97
49) Dibromochloromethane	8.549	129	7109	0.438	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	10244	1.059	ug/L #	69

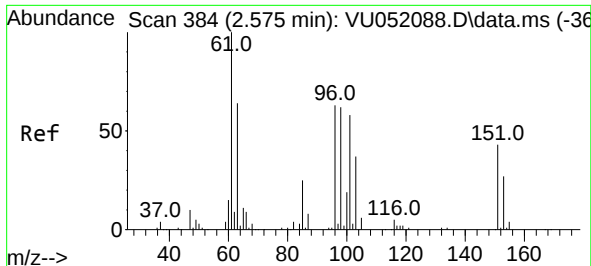
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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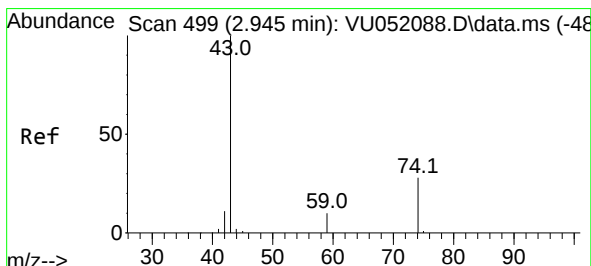
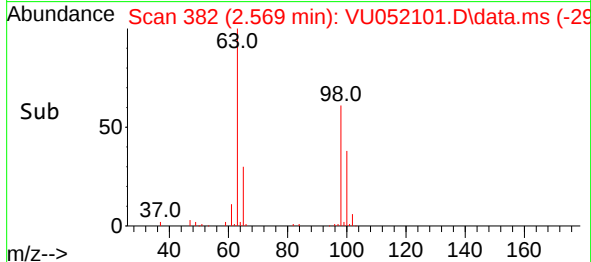
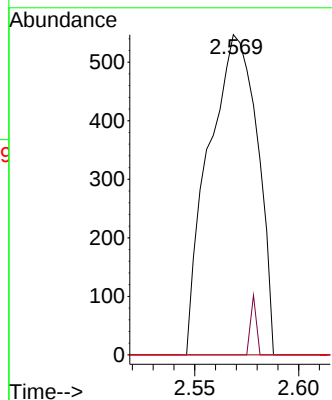
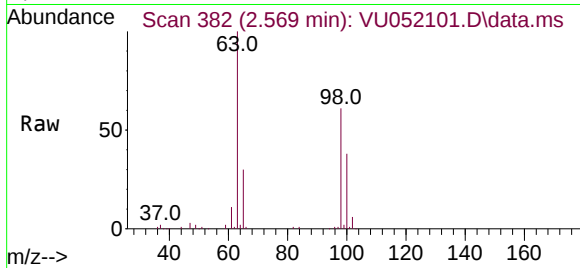




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.569 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01

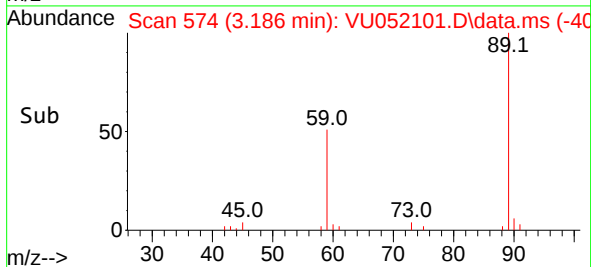
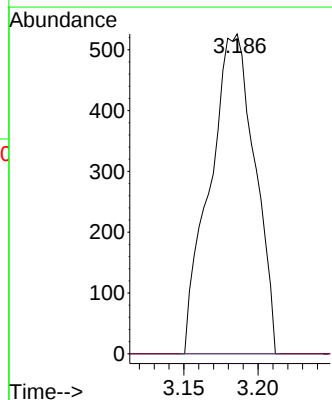
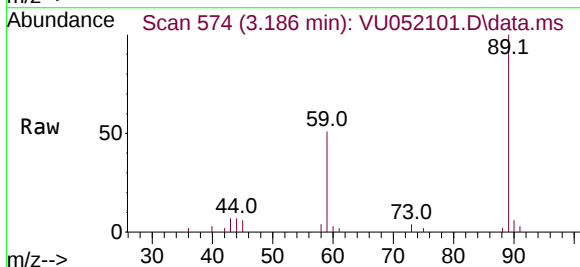
Instrument :
MSVOA_U
ClientSampleId :

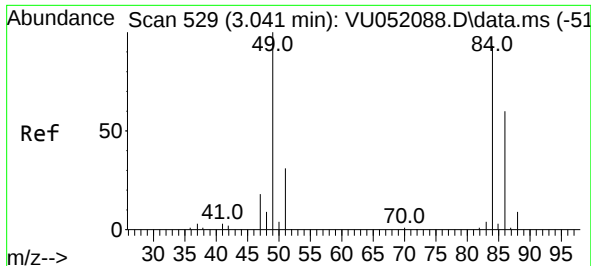
Tgt Ion:101 Resp: 892
Ion Ratio Lower Upper
101 100
85 2.2 33.8 50.6#
151 0.0 58.6 88.0#



#15
Methyl Acetate
Concen: 0.161 ug/L
RT: 3.186 min Scan# 574
Delta R.T. 0.241 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01

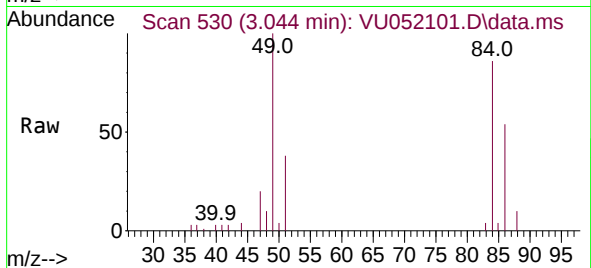
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



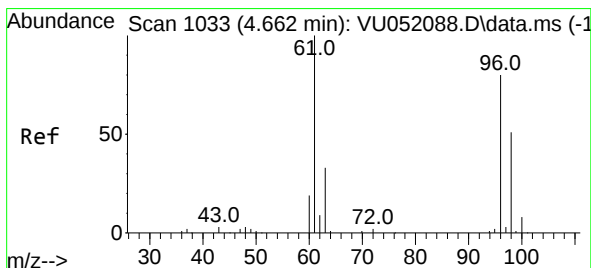
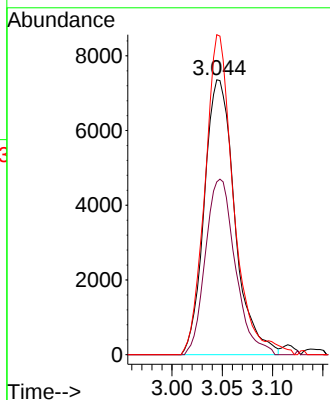
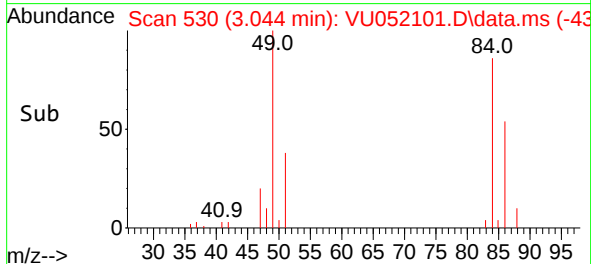


#16
Methylene chloride
Concen: 0.712 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01

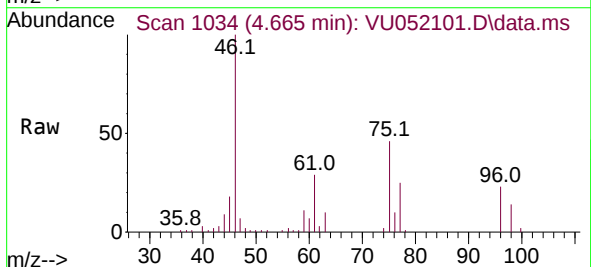
Instrument :
MSVOA_U
ClientSampleId :



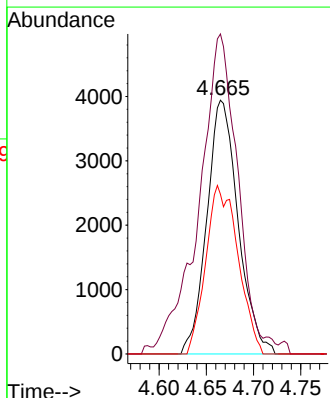
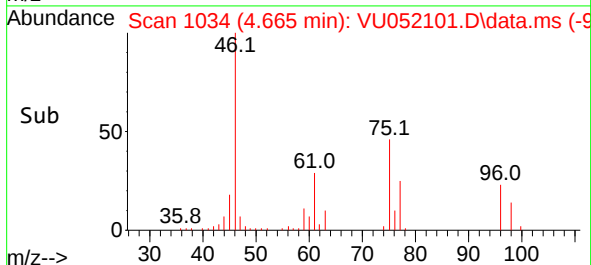
Tgt Ion: 84 Resp: 15530
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.4
49 116.4 75.9 141.1

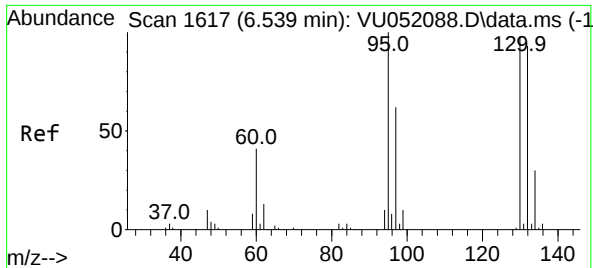


#22
cis-1,2-Dichloroethene
Concen: 0.500 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01



Tgt Ion: 96 Resp: 9068
Ion Ratio Lower Upper
96 100
61 126.1 85.1 158.1
98 62.9 42.8 79.6

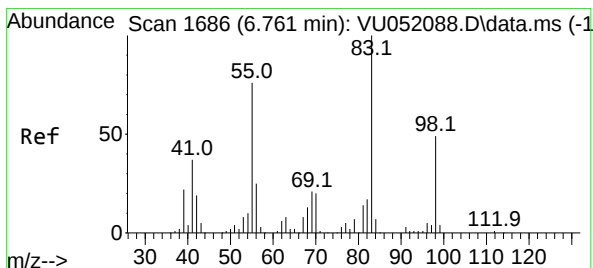
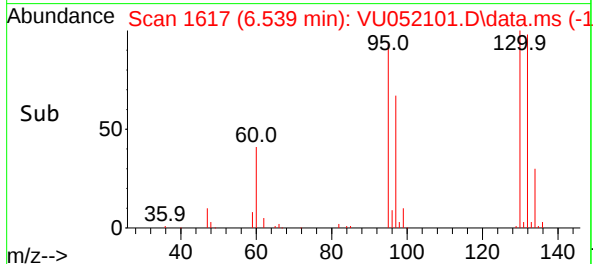
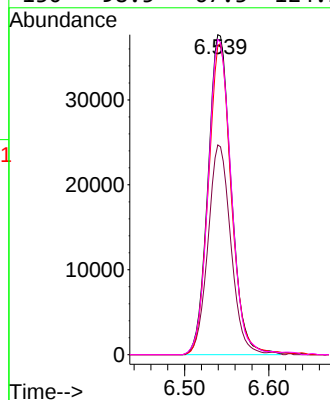
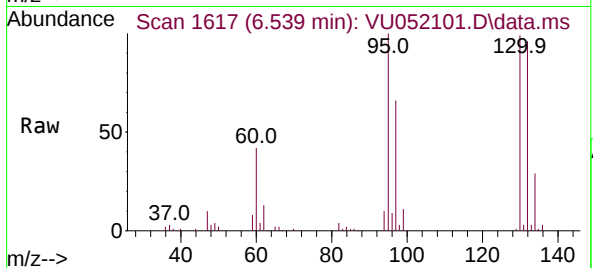




#34
Trichloroethene
Concen: 3.887 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01

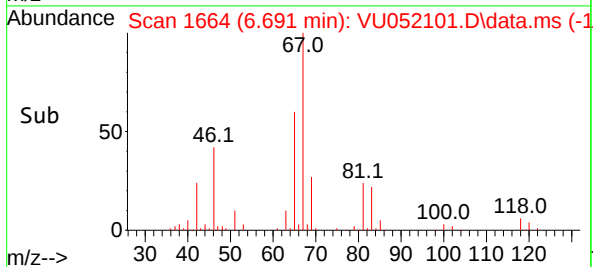
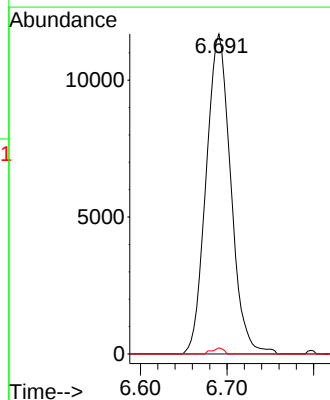
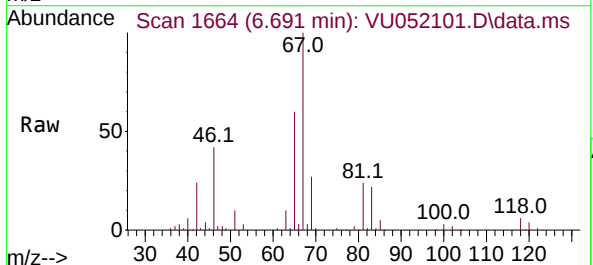
Instrument :
MSVOA_U
ClientSampleId :

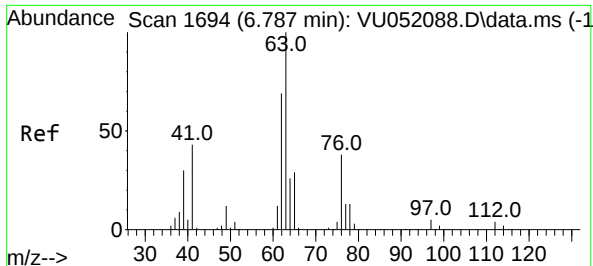
Tgt Ion: 95 Resp: 72226
Ion Ratio Lower Upper
95 100
97 65.6 43.7 81.1
132 96.4 64.3 119.3
130 98.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052101.D
Acq: 23 Nov 2022 21:01

Tgt Ion: 83 Resp: 23105
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU052101.D

Acq: 23 Nov 2022 21:01

Instrument :

MSVOA_U

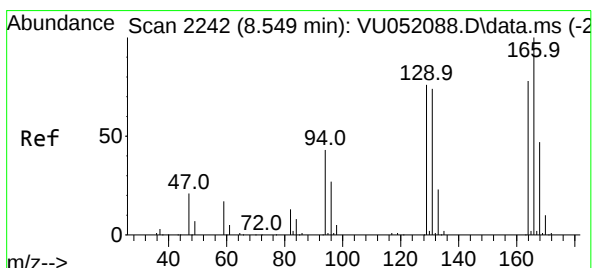
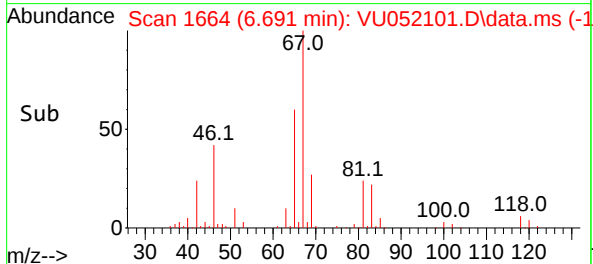
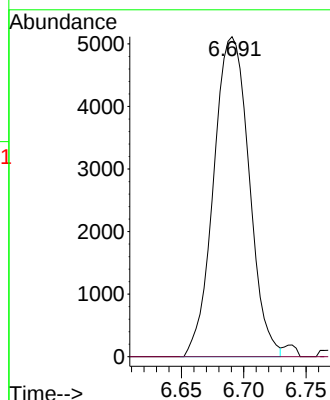
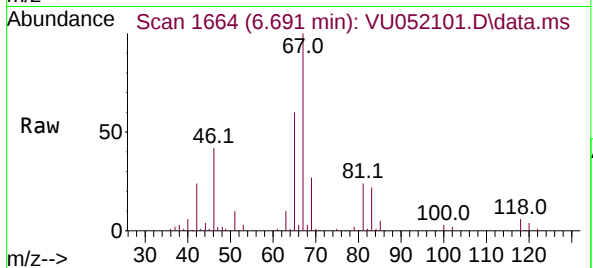
ClientSampleId :

Tgt Ion: 63 Resp: 10138

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.497 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052101.D

Acq: 23 Nov 2022 21:01

Tgt Ion: 164 Resp: 7083

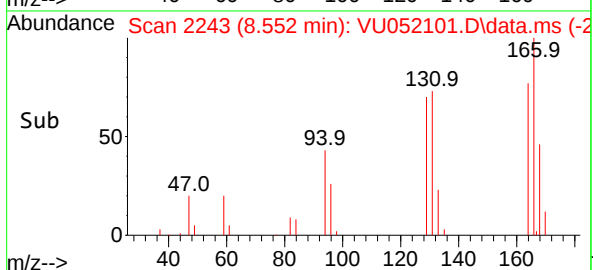
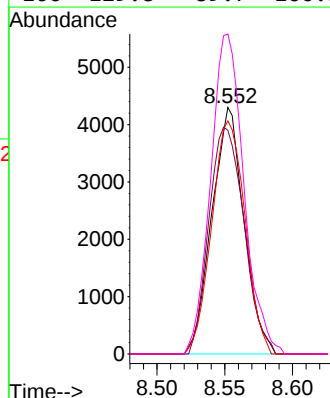
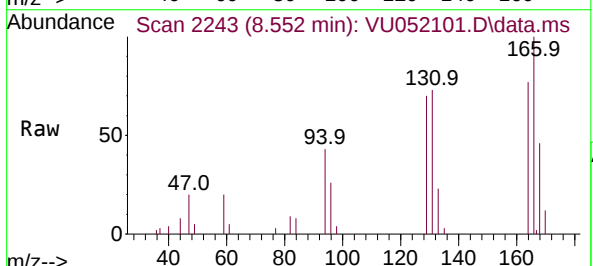
Ion Ratio Lower Upper

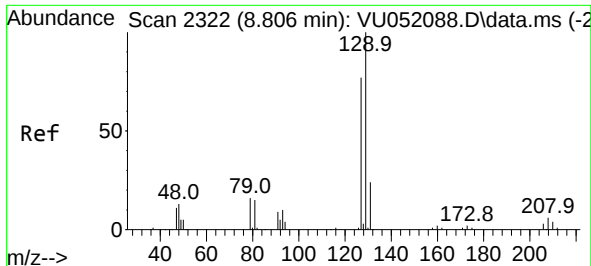
164 100

129 90.7 67.4 125.2

131 94.6 67.1 124.7

166 129.8 89.7 166.5





#49

Dibromochloromethane

Concen: 0.438 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052101.D

Acq: 23 Nov 2022 21:01

Instrument :

MSVOA_U

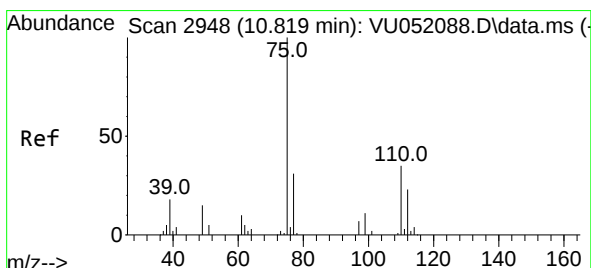
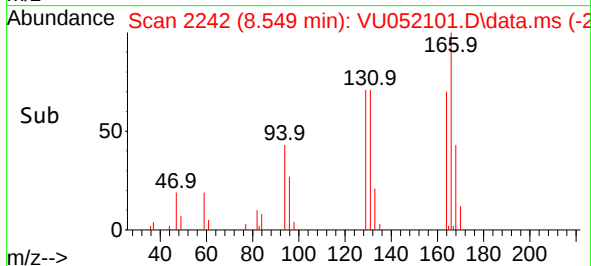
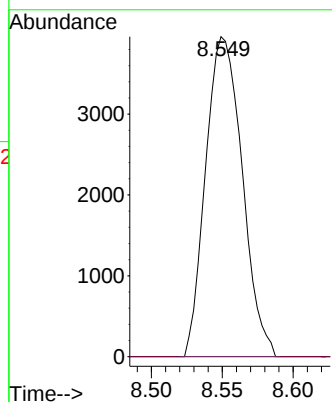
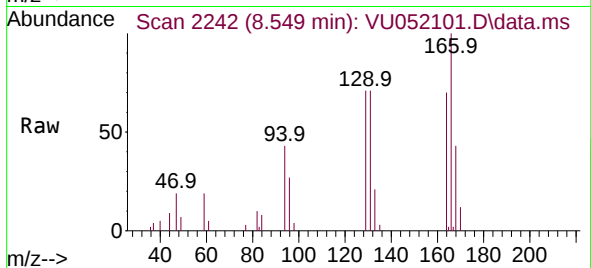
ClientSampleId :

Tgt Ion:129 Resp: 7109

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.059 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052101.D

Acq: 23 Nov 2022 21:01

Tgt Ion: 75 Resp: 10244

Ion Ratio Lower Upper

75 100

110 1.2 28.3 42.5#

77 33.7 26.2 39.2

