

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052100.D
 Acq On : 23 Nov 2022 20:33
 Operator : JC/MD
 Sample : N5684-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:16:06 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)

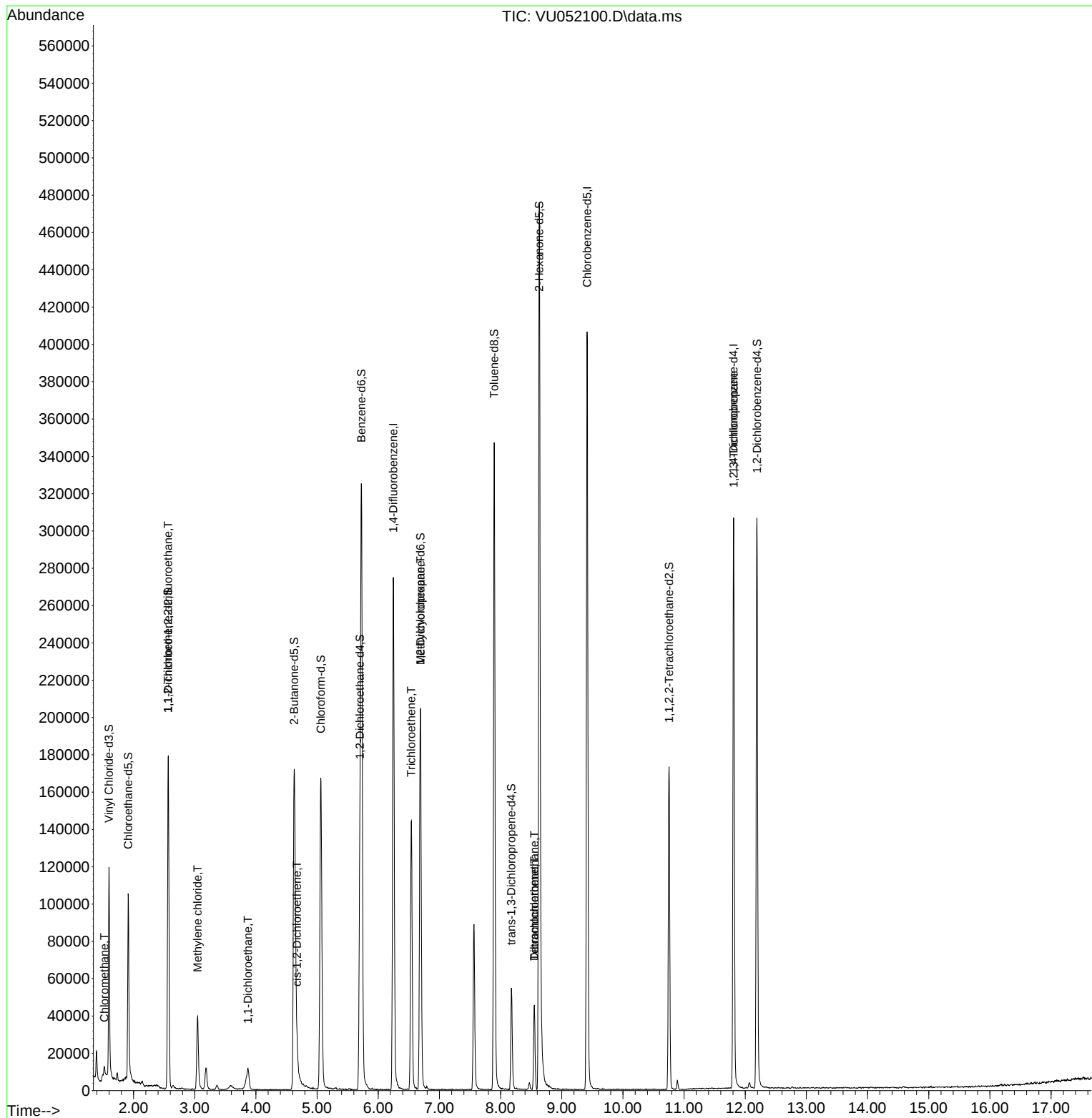
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227011	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237705	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87444	3.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.912	69	77769	4.534	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.565	65	33543	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.626	46	218408	54.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	5.060	84	158431	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.700	65	82310	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.726	84	320132	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.690	67	106682	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	239979	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	32283	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.632	63	165773	49.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91126	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85981	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	4839	0.188	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1075	0.065	ug/L #	20
16) Methylene chloride	3.047	84	20853	0.936	ug/L	99
19) 1,1-Dichloroethane	3.870	63	4715	0.148	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	3294	0.178	ug/L	98
34) Trichloroethene	6.539	95	50918	2.639	ug/L	94
35) Methylcyclohexane	6.690	83	24089	0.868	ug/L #	20
47) Tetrachloroethene	8.552	164	10033	0.678	ug/L	96
49) Dibromochloromethane	8.552	129	9905	0.588	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	10014	1.002	ug/L #	68

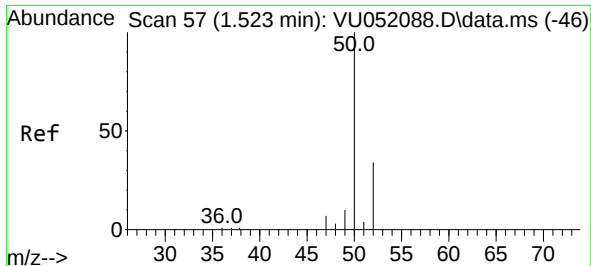
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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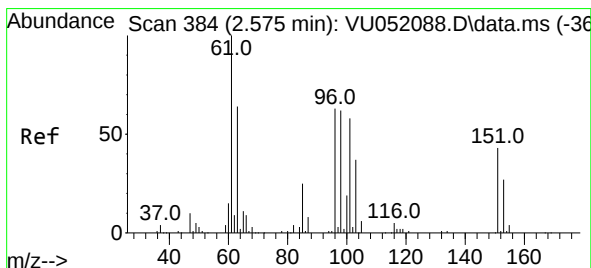
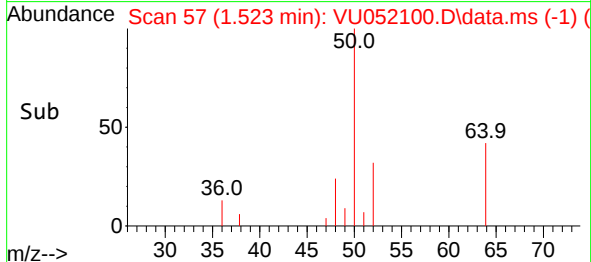
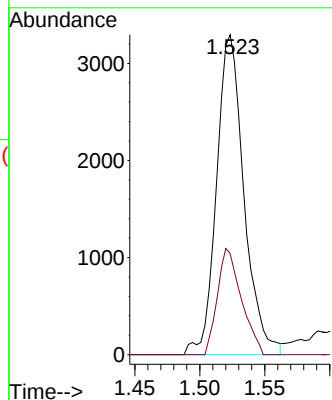
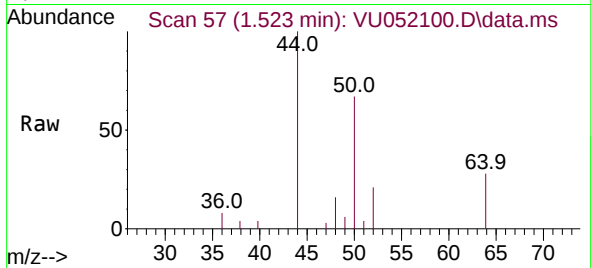




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33

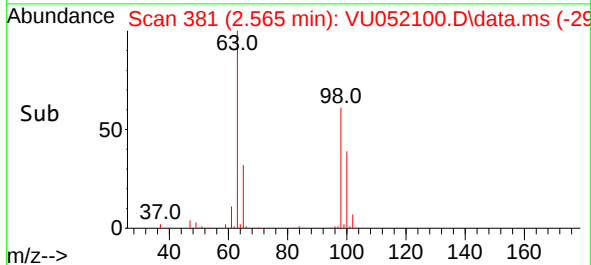
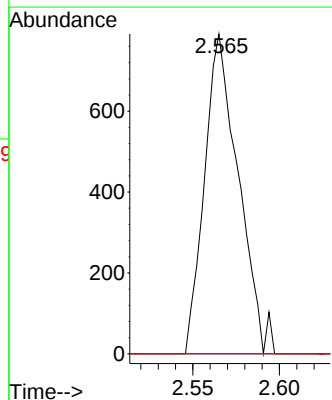
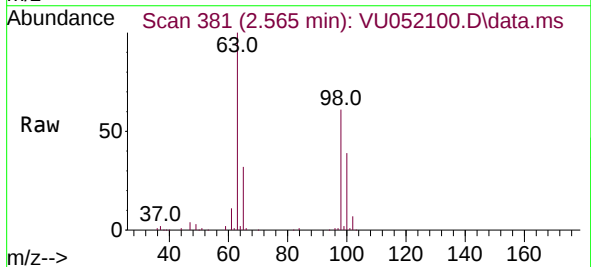
Instrument :
MSVOA_U
ClientSampleId :

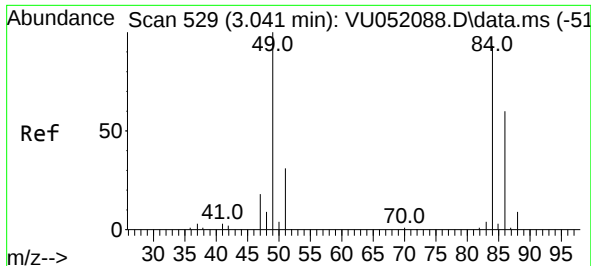
Tgt Ion: 50 Resp: 4839
Ion Ratio Lower Upper
50 100
52 31.6 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33

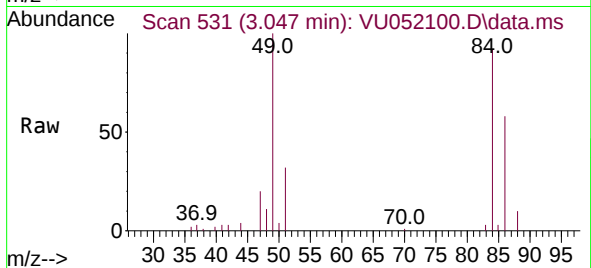
Tgt Ion: 101 Resp: 1075
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



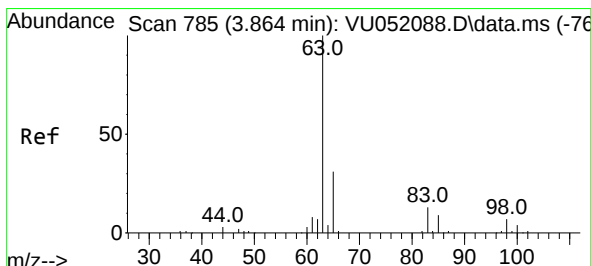
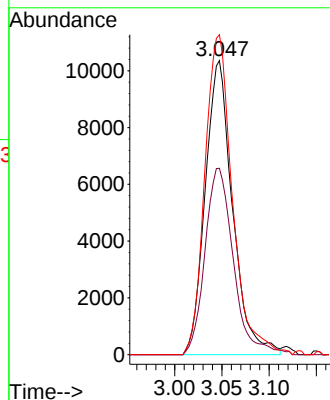
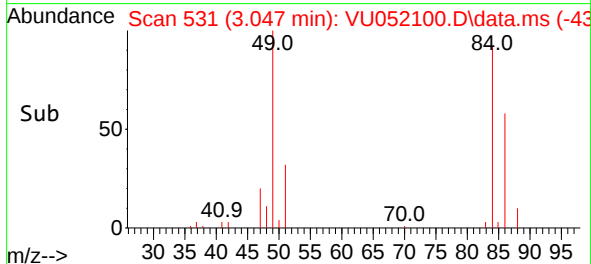


#16
Methylene chloride
Concen: 0.936 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33

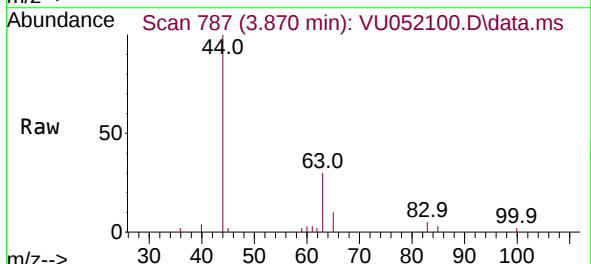
Instrument :
MSVOA_U
ClientSampleId :



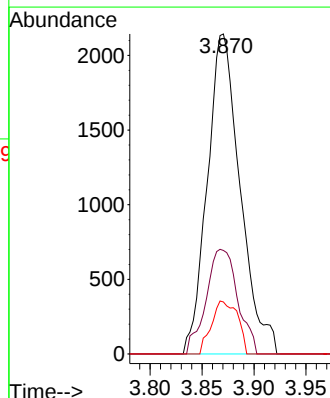
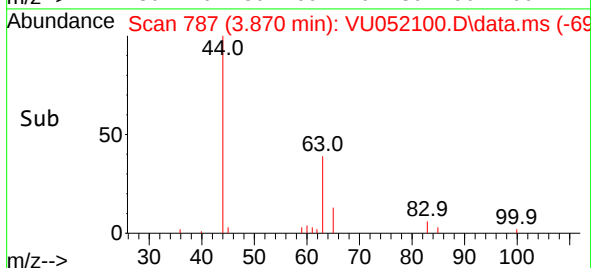
Tgt Ion: 84 Resp: 20853
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.4
49 108.8 75.9 141.1

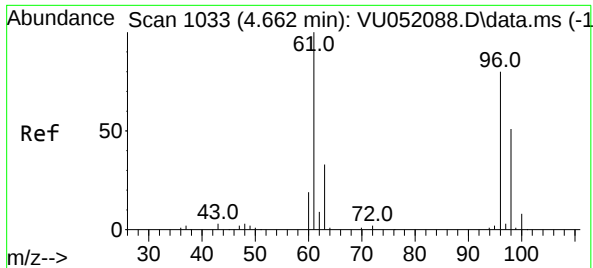


#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.006 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33



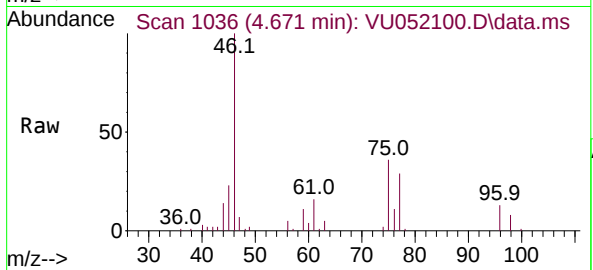
Tgt Ion: 63 Resp: 4715
Ion Ratio Lower Upper
63 100
65 32.4 22.2 41.2
83 16.3 9.2 17.0



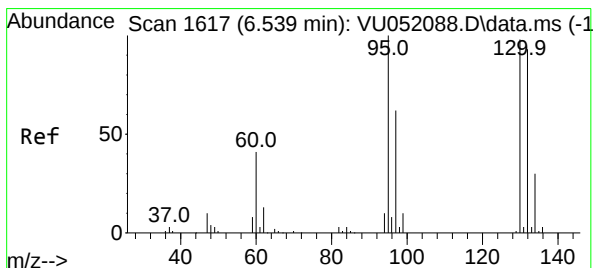
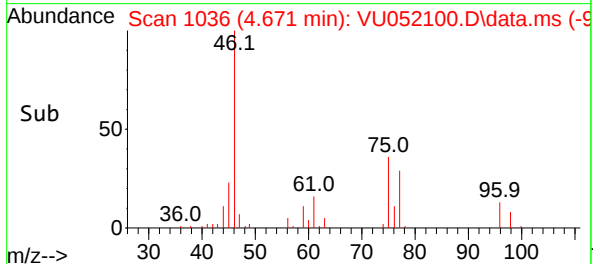
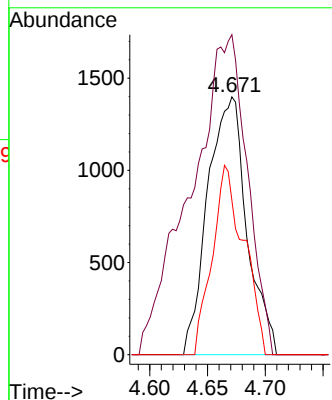


#22
 cis-1,2-Dichloroethene
 Concen: 0.178 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.009 min
 Lab File: VU052100.D
 Acq: 23 Nov 2022 20:33

Instrument :
 MSVOA_U
 ClientSampleId :

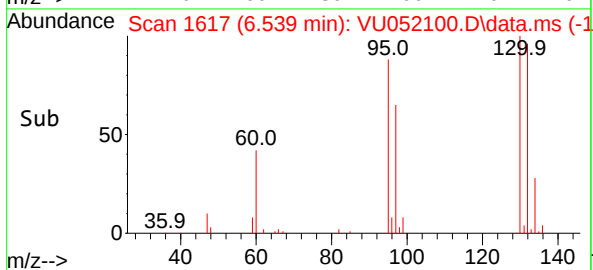
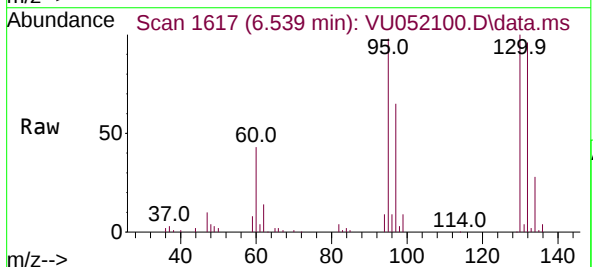
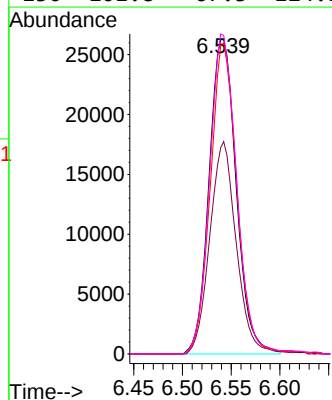


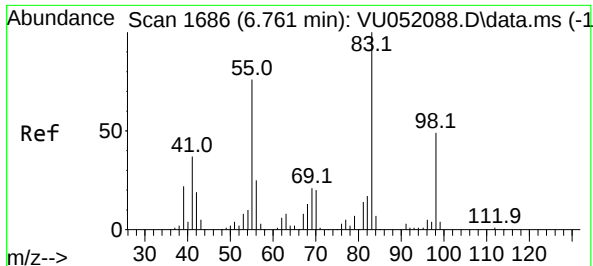
Tgt Ion: 96	Resp: 3294
Ion Ratio	Lower Upper
96 100	
61 124.2	85.1 158.1
98 59.9	42.8 79.6



#34
 Trichloroethene
 Concen: 2.639 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052100.D
 Acq: 23 Nov 2022 20:33

Tgt Ion: 95	Resp: 50918
Ion Ratio	Lower Upper
95 100	
97 65.7	43.7 81.1
132 98.0	64.3 119.3
130 101.8	67.3 124.9

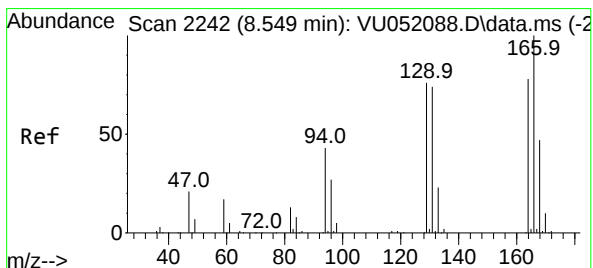
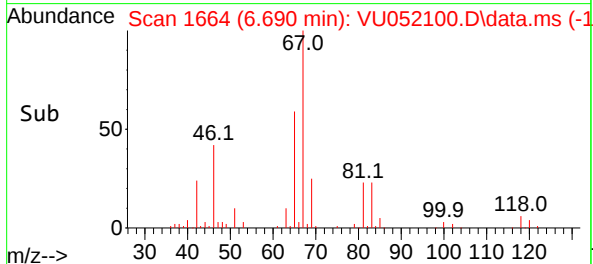
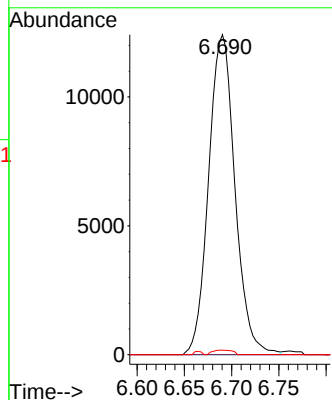
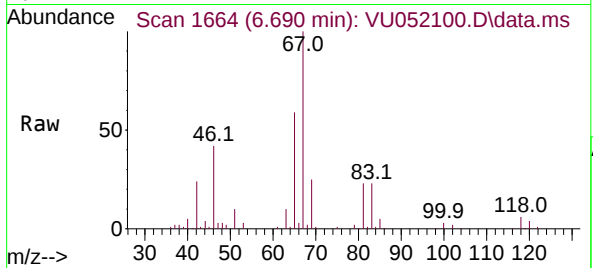




#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33

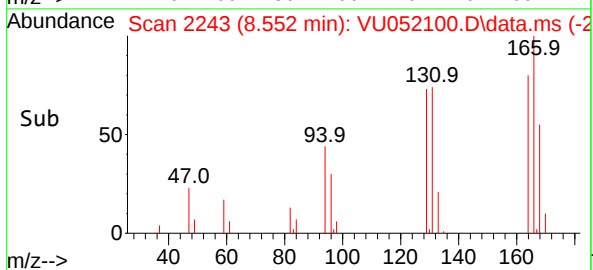
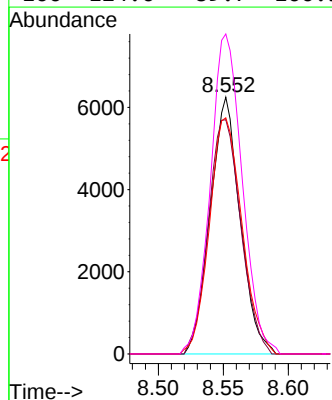
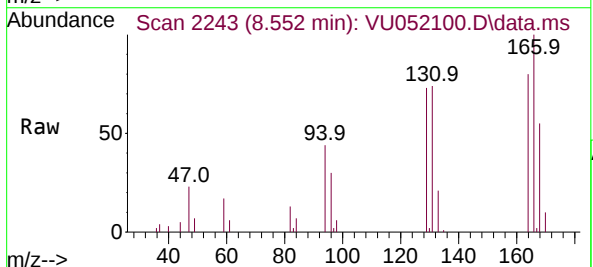
Instrument :
MSVOA_U
ClientSampleId :

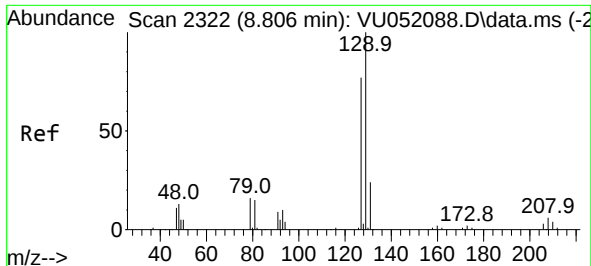
Tgt Ion: 83 Resp: 24089
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.1 35.1 52.7#



#47
Tetrachloroethene
Concen: 0.678 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052100.D
Acq: 23 Nov 2022 20:33

Tgt Ion:164 Resp: 10033
Ion Ratio Lower Upper
164 100
129 91.2 67.4 125.2
131 92.0 67.1 124.7
166 124.6 89.7 166.5





#49

Dibromochloromethane

Concen: 0.588 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052100.D

Acq: 23 Nov 2022 20:33

Instrument :

MSVOA_U

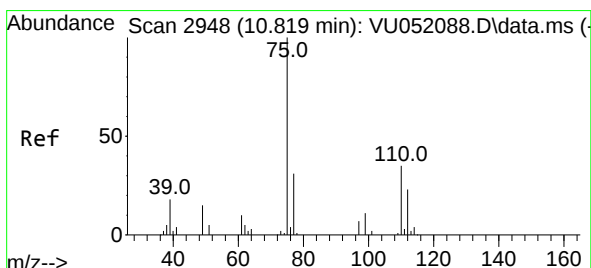
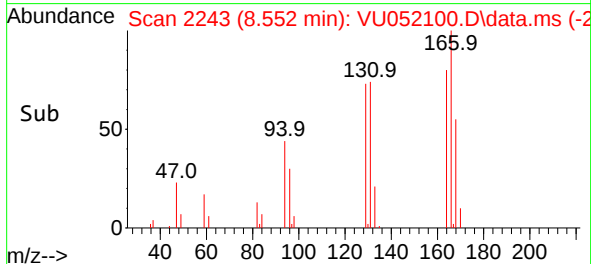
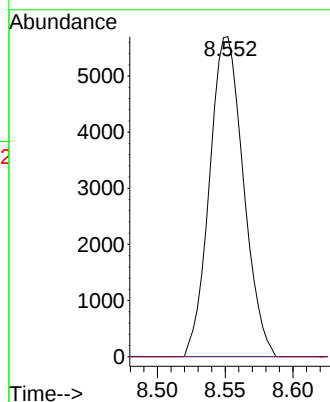
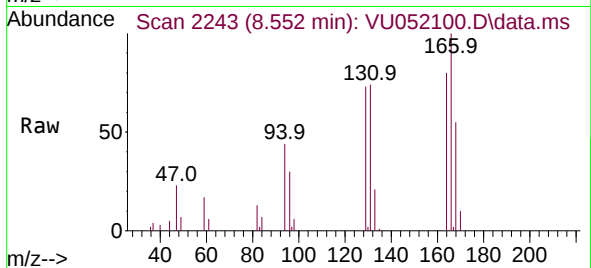
ClientSampleId :

Tgt Ion:129 Resp: 9905

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.002 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.993 min

Lab File: VU052100.D

Acq: 23 Nov 2022 20:33

Tgt Ion: 75 Resp: 10014

Ion Ratio Lower Upper

75 100

110 1.1 28.3 42.5#

77 31.5 26.2 39.2

