

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052336.D
 Acq On : 10 Dec 2022 05:10
 Operator : JC/MD
 Sample : N5930-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

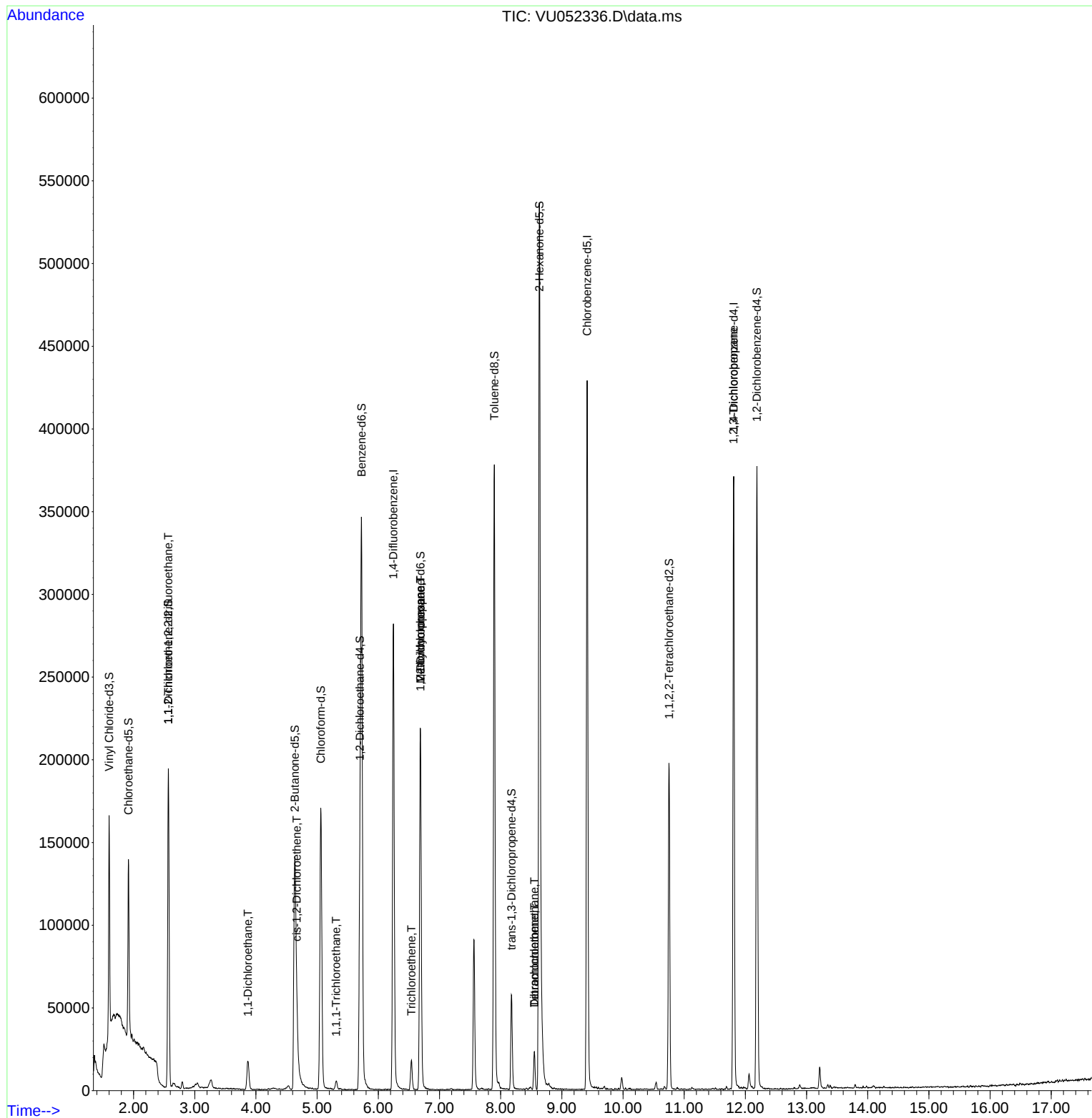
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	246975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95372	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.916	69	80790	4.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.568	65	36853	4.491	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	4.636	46	258624	62.325	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.640%	
24) Chloroform-d	5.060	84	164841	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.700	65	90094	5.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.726	84	335445	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.687	67	111267	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.896	98	263350	3.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.176	79	35440	4.286	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.632	63	184002	52.507	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.020%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103220	5.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	105517	5.310	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1172	0.068	ug/L #	20
19) 1,1-Dichloroethane	3.867	63	21325	0.647	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	4658	0.243	ug/L	94
29) 1,1,1-Trichloroethane	5.311	97	3717	0.136	ug/L	96
34) Trichloroethene	6.543	95	6144	0.306	ug/L	97
35) Methylcyclohexane	6.687	83	25630	0.889	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10362	0.498	ug/L #	89
47) Tetrachloroethene	8.552	164	5365	0.349	ug/L	97
49) Dibromochloromethane	8.552	129	5238	0.299	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	12447	1.048	ug/L #	66

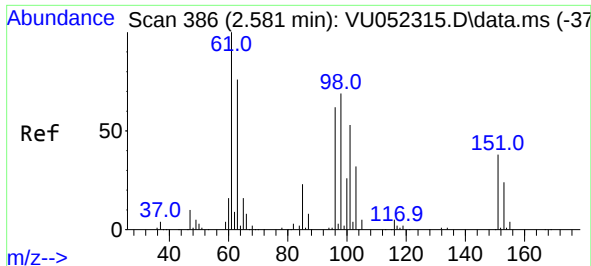
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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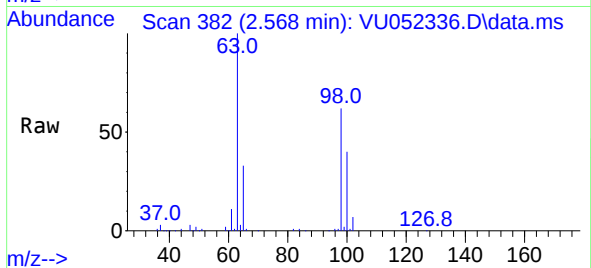
Quant Time: Dec 10 05:38:46 2022
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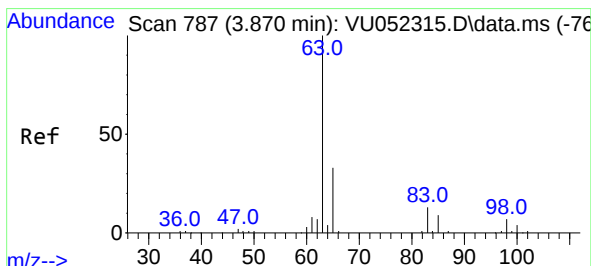
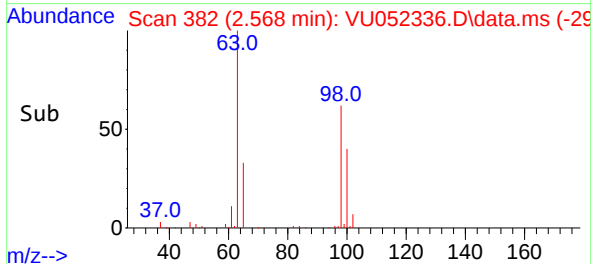
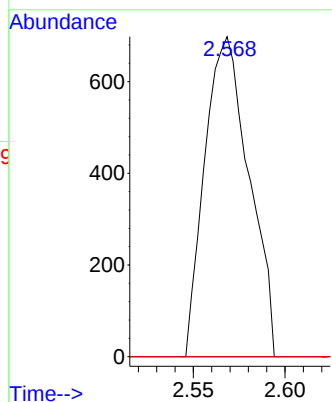


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

Instrument :
MSVOA_U
ClientSampleId :

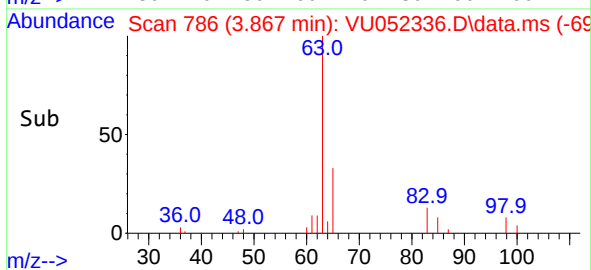
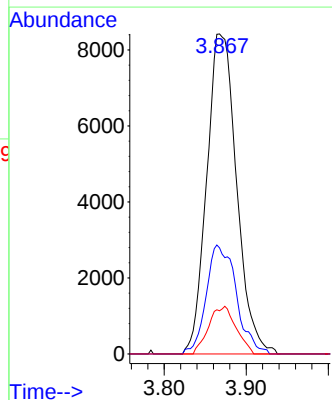
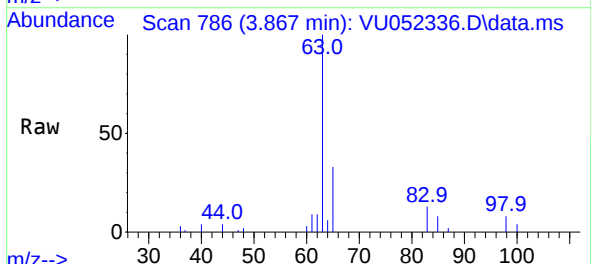


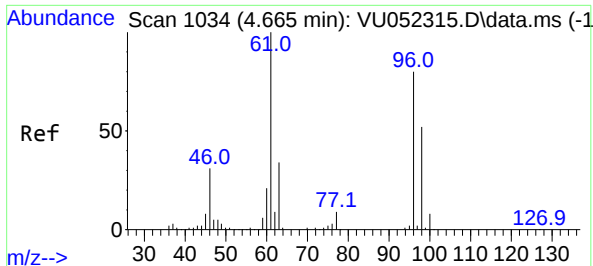
Tgt Ion:101 Resp: 1172
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#19
1,1-Dichloroethane
Concen: 0.647 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 63 Resp: 21325
Ion Ratio Lower Upper
63 100
65 33.2 22.2 41.2
83 13.5 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

Instrument :

MSVOA_U

ClientSampleId :

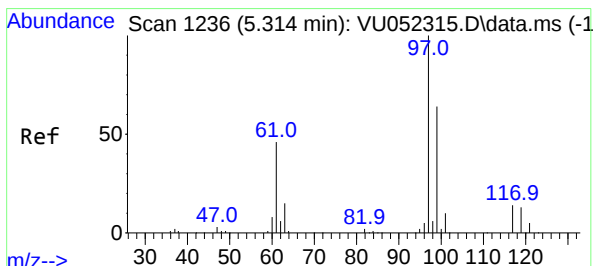
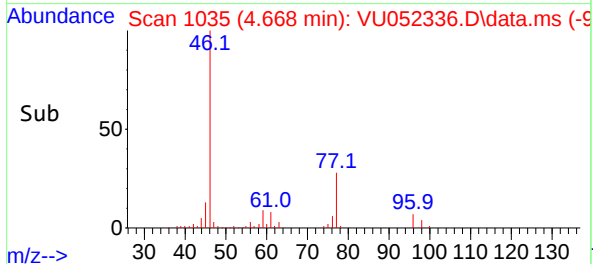
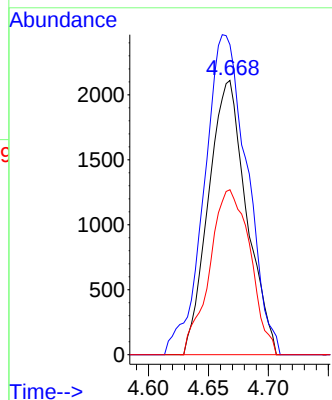
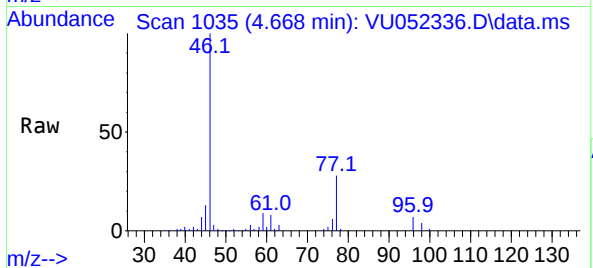
Tgt Ion: 96 Resp: 4658

Ion Ratio Lower Upper

96 100

61 113.0 85.1 158.1

98 60.2 42.8 79.6



#29

1,1,1-Trichloroethane

Concen: 0.136 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

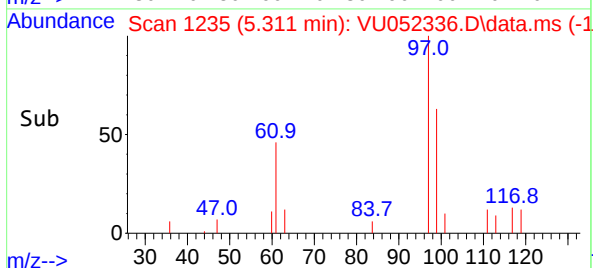
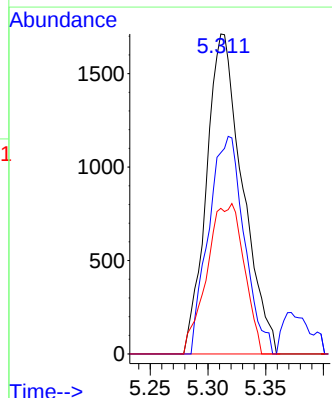
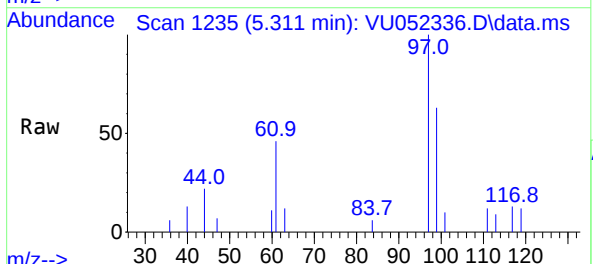
Tgt Ion: 97 Resp: 3717

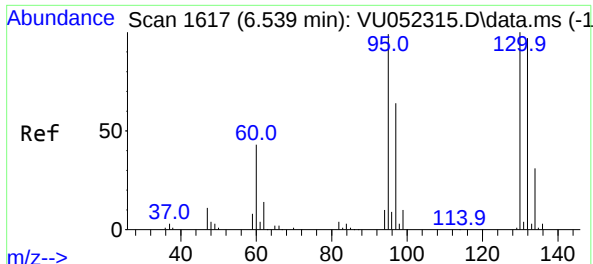
Ion Ratio Lower Upper

97 100

99 67.0 51.0 76.6

61 48.4 36.9 55.3



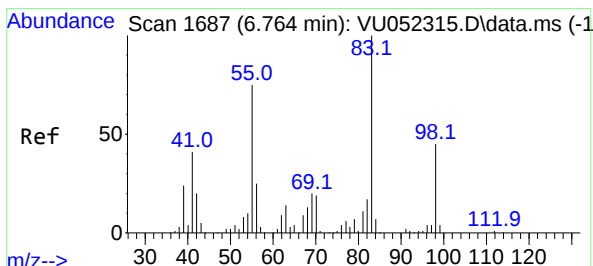
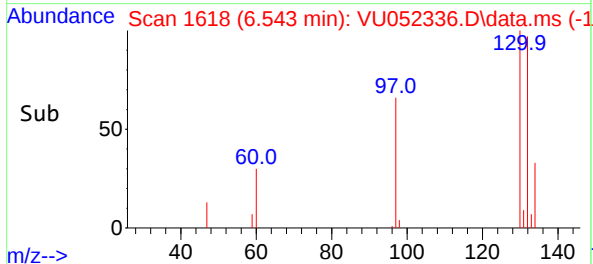
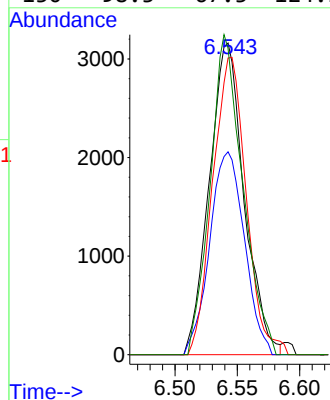
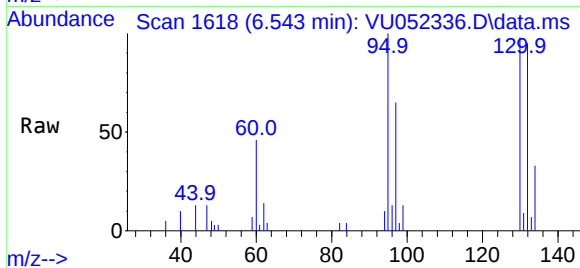


#34
Trichloroethene
Concen: 0.306 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 6144

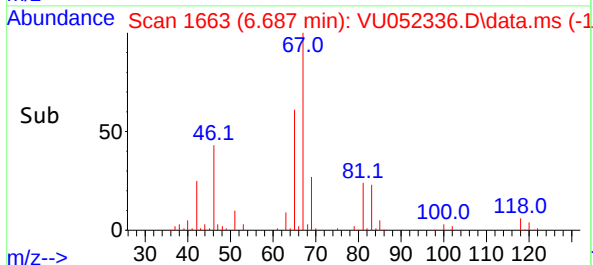
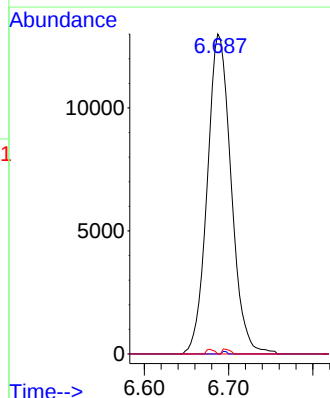
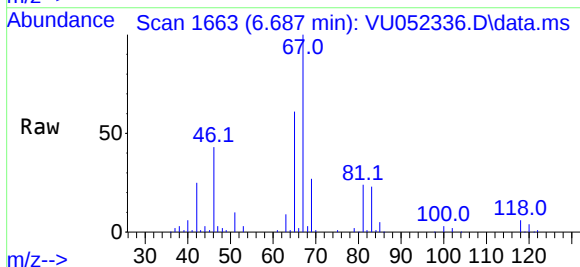
Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.7	81.1
132	95.2	64.3	119.3
130	98.3	67.3	124.9

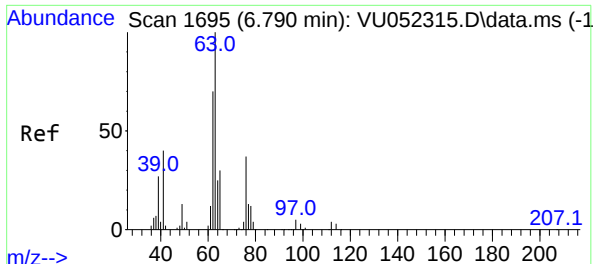


#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

Tgt Ion: 83 Resp: 25630

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.5	35.1	52.7#

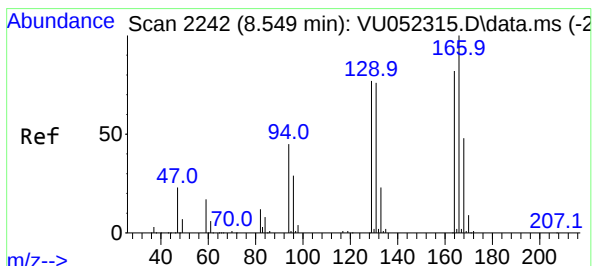
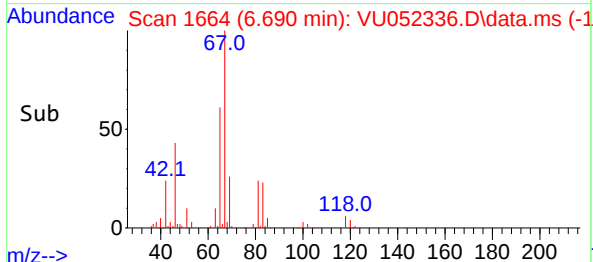
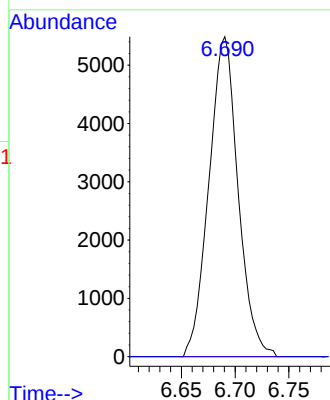
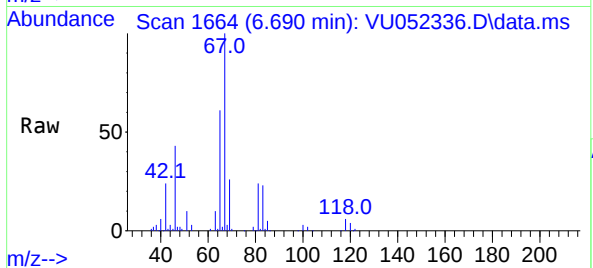




#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

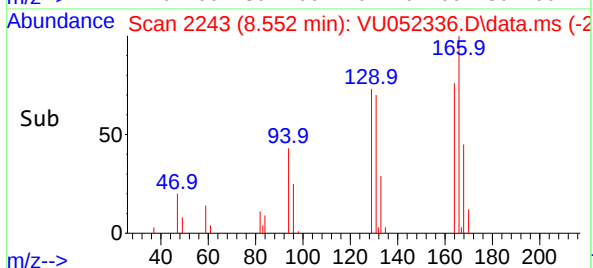
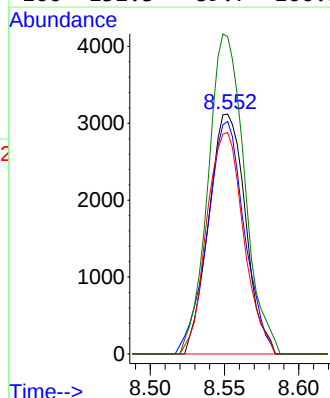
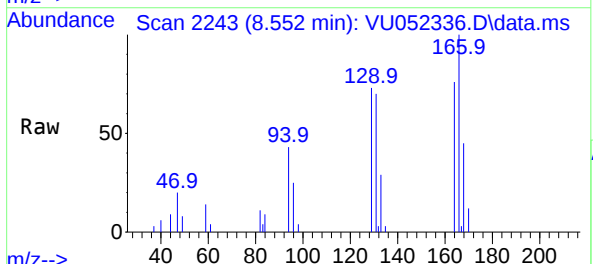
Instrument :
MSVOA_U
ClientSampleId :

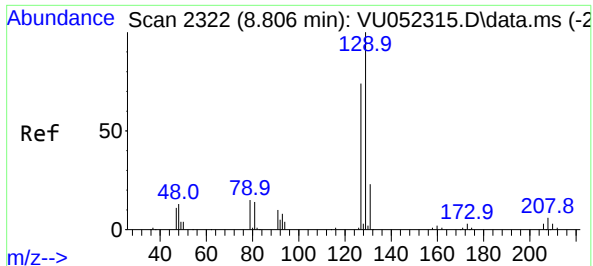
Tgt Ion: 63 Resp: 10362
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.349 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052336.D
Acq: 10 Dec 2022 05:10

Tgt Ion:164 Resp: 5365
Ion Ratio Lower Upper
164 100
129 96.9 67.4 125.2
131 92.3 67.1 124.7
166 132.3 89.7 166.5





#49

Dibromochloromethane

Concen: 0.299 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

Instrument :

MSVOA_U

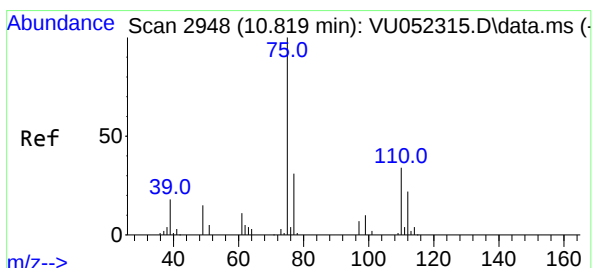
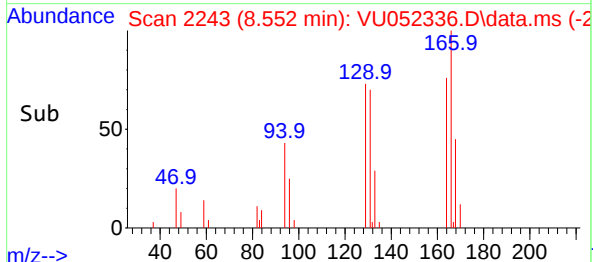
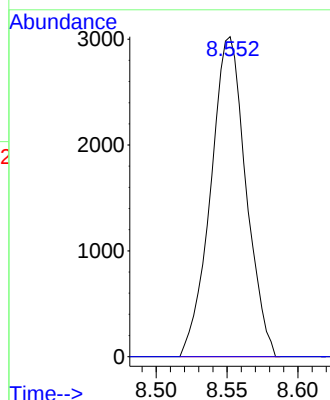
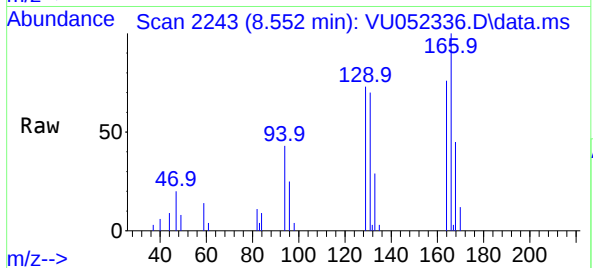
ClientSampleId :

Tgt Ion:129 Resp: 5238

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.048 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

Tgt Ion: 75 Resp: 12447

Ion Ratio Lower Upper

75 100

110 1.1 28.3 42.5#

77 29.3 26.2 39.2

