

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050263.D
 Acq On : 12 Aug 2022 05:51
 Operator : SY/MD
 Sample : N4161-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 07:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

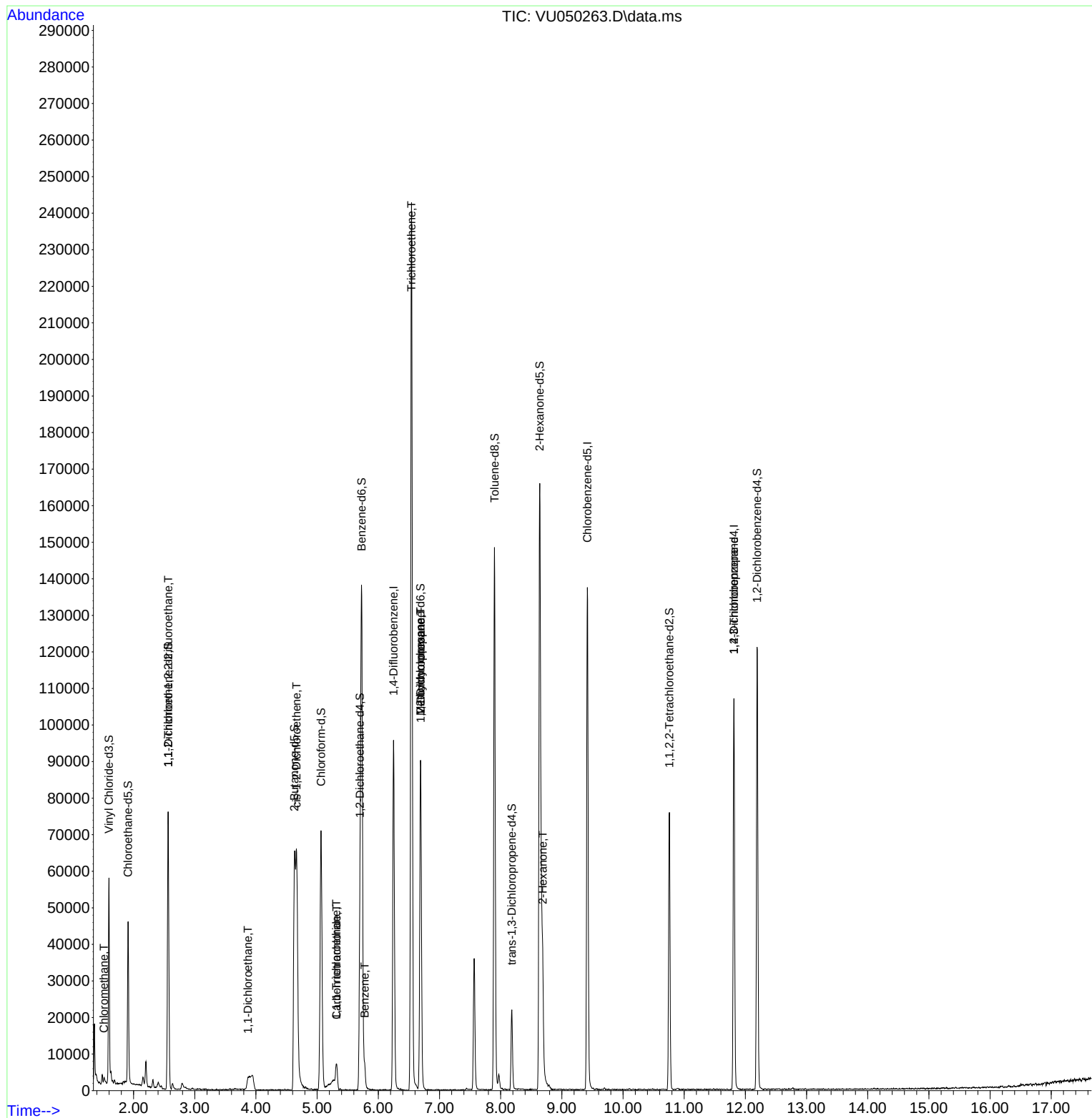
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77434	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39394	6.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 122.200%		
7) Chloroethane-d5	1.909	69	31576	6.073	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 121.400%		
11) 1,1-Dichloroethene-d2	2.565	65	14248	5.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 113.200%		
20) 2-Butanone-d5	4.629	46	99184	63.116	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 126.240%		
24) Chloroform-d	5.063	84	68137	5.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.600%		
26) 1,2-Dichloroethane-d4	5.700	65	37082	6.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.600%		
32) Benzene-d6	5.729	84	130939	5.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6	6.690	67	45963	5.571	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.400%		
41) Toluene-d8	7.899	98	101502	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.800%		
43) trans-1,3-Dichloroprop...	8.182	79	13163	4.452	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.000%		
46) 2-Hexanone-d5	8.636	63	49965	47.656	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.320%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39626	5.469	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	32815	5.558	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.200%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1426	0.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	487	0.096	ug/L #	22
19) 1,1-Dichloroethane	3.867	63	1683	0.148	ug/L #	86
22) cis-1,2-Dichloroethene	4.665	96	26492	3.983	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	5817	0.591	ug/L	97
31) Carbon tetrachloride	5.317	117	662	0.082	ug/L	88
33) Benzene	5.777	78	6002	0.213	ug/L	100
34) Trichloroethene	6.542	95	87132	12.807	ug/L	97
35) Methylcyclohexane	6.690	83	10414	1.186	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4513	0.602	ug/L #	89
48) 2-Hexanone	8.687	43	19949	5.943	ug/L #	83
61) 1,2,3-Trichloropropane	11.812	75	3782	0.921	ug/L #	65

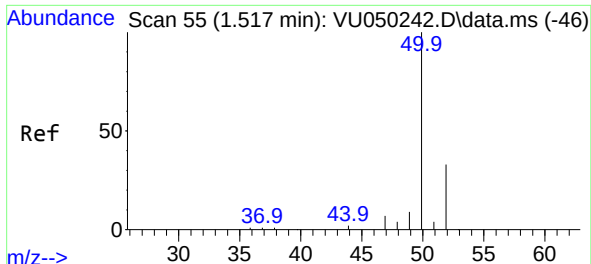
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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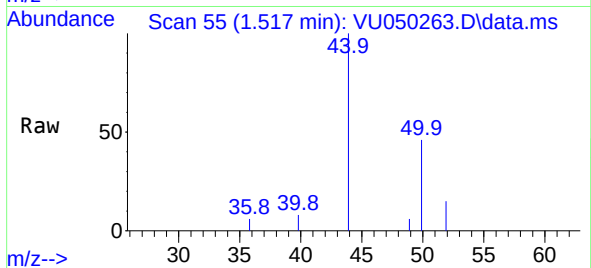
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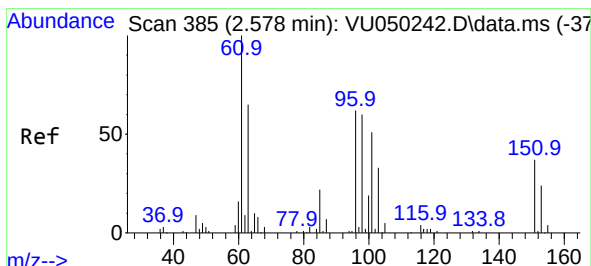
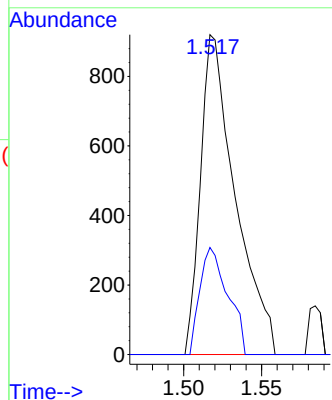
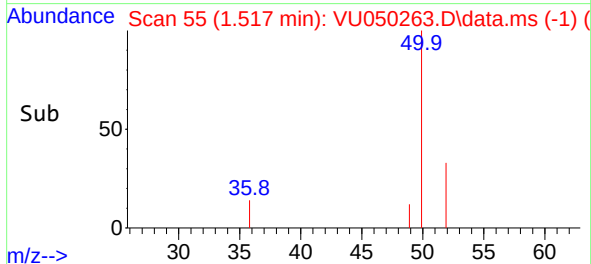


#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

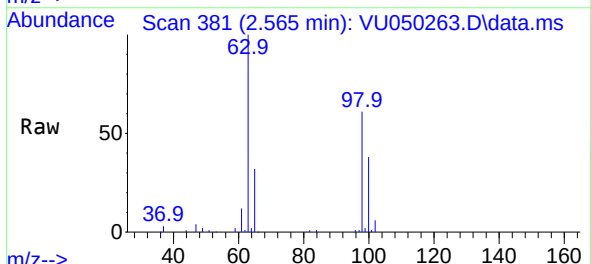
Instrument :
MSVOA_U
ClientSampleId :



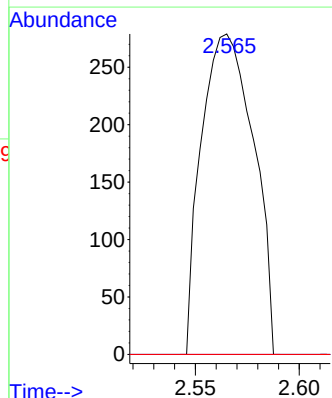
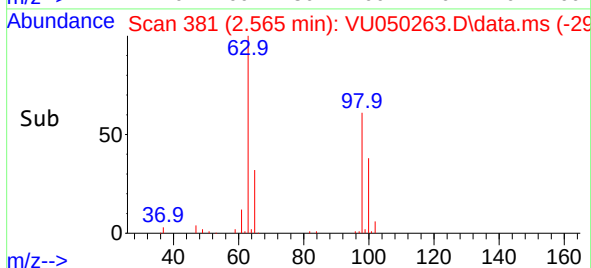
Tgt Ion: 50 Resp: 1426
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

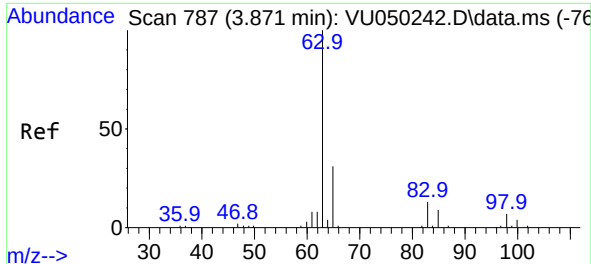


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51



Tgt Ion: 101 Resp: 487
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

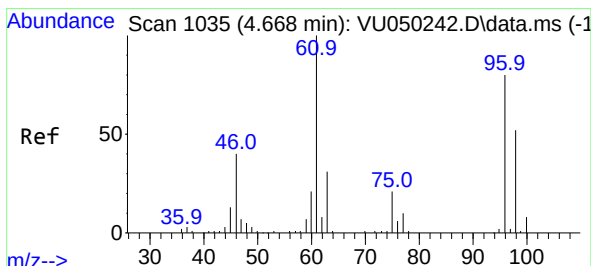
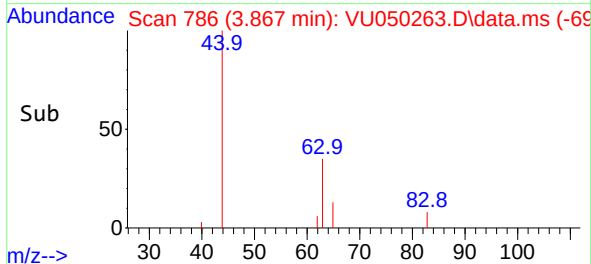
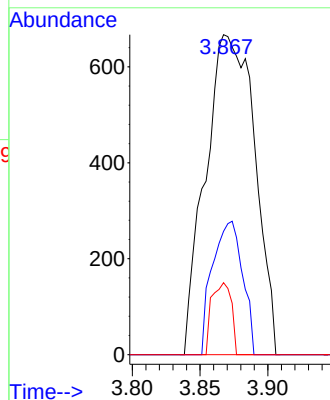
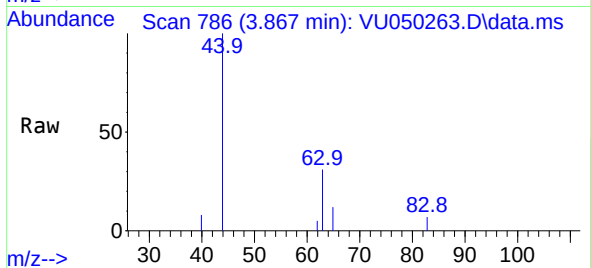




#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

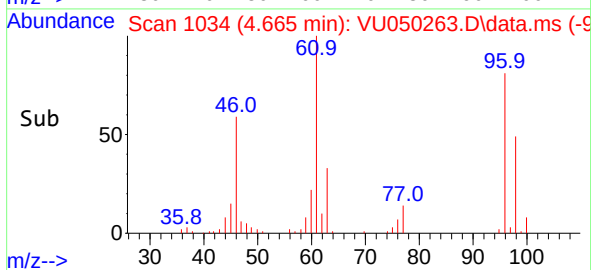
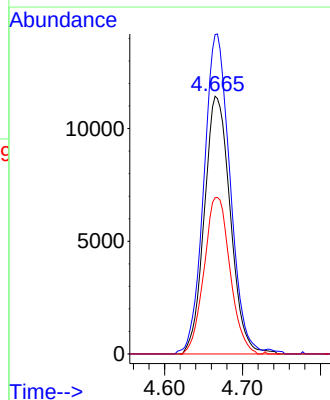
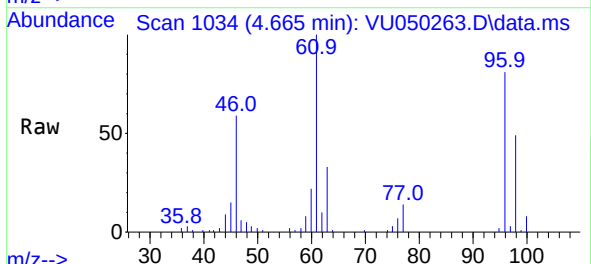
Instrument :
MSVOA_U
ClientSampleId :

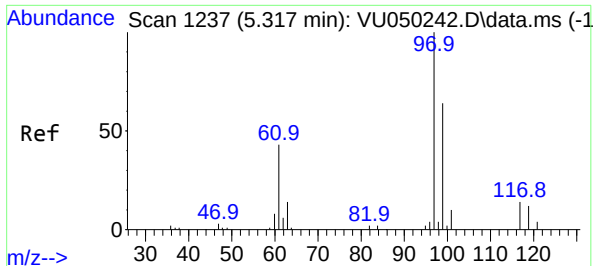
Tgt Ion: 63 Resp: 1683
Ion Ratio Lower Upper
63 100
65 38.5 22.7 42.3
83 22.5 9.8 18.2#



#22
cis-1,2-Dichloroethene
Concen: 3.983 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Tgt Ion: 96 Resp: 26492
Ion Ratio Lower Upper
96 100
61 123.9 89.0 165.4
98 60.6 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.591 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050263.D

Acq: 12 Aug 2022 05:51

Instrument :

MSVOA_U

ClientSampleId :

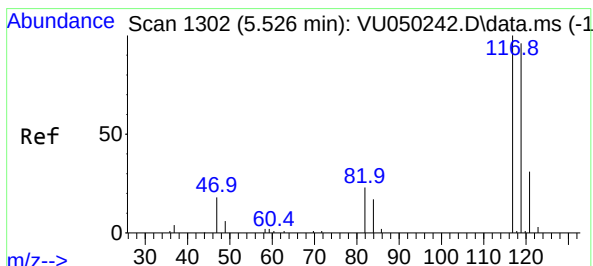
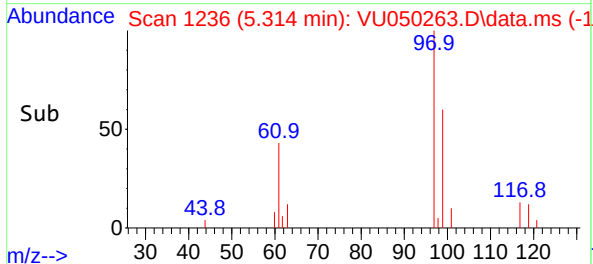
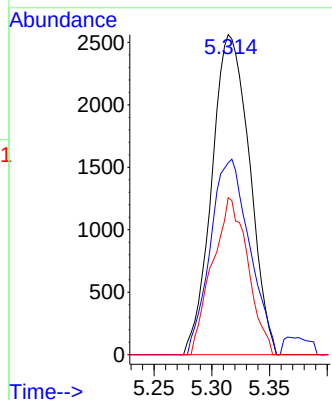
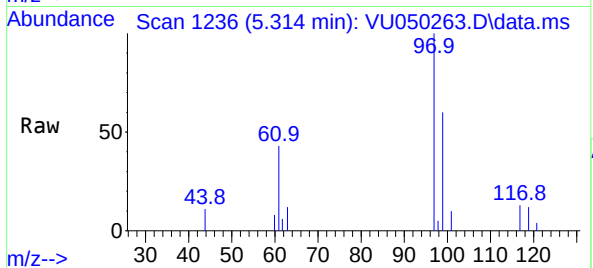
Tgt Ion: 97 Resp: 5817

Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 46.1 34.2 51.4



#31

Carbon tetrachloride

Concen: 0.082 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.209 min

Lab File: VU050263.D

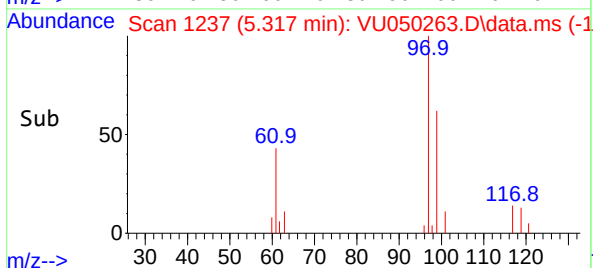
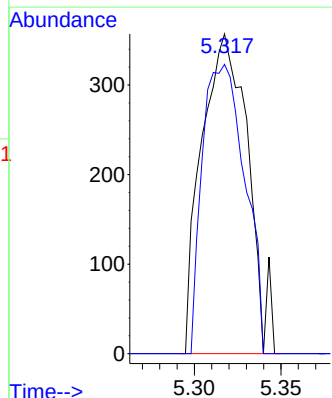
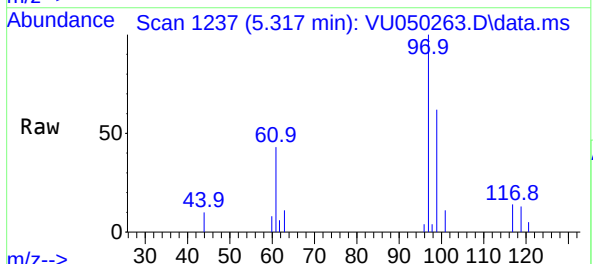
Acq: 12 Aug 2022 05:51

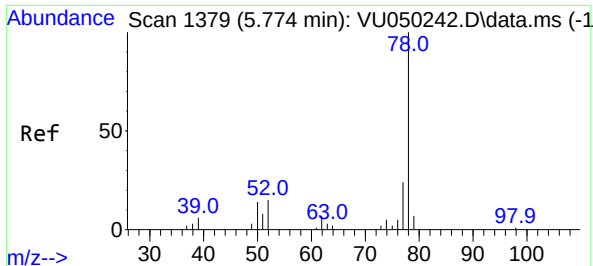
Tgt Ion: 117 Resp: 662

Ion Ratio Lower Upper

117 100

119 83.2 76.0 114.0

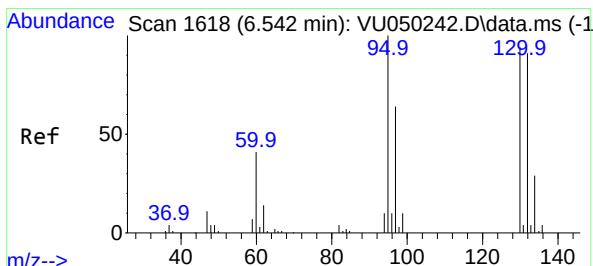
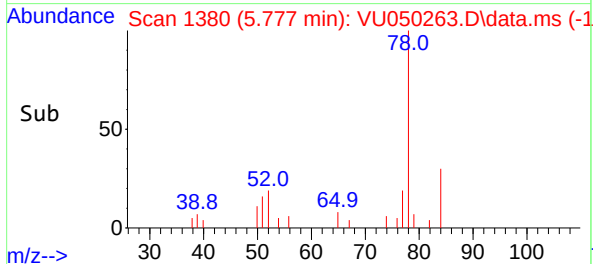
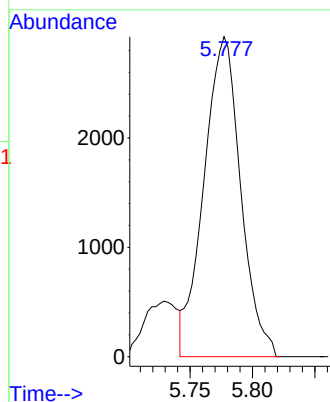
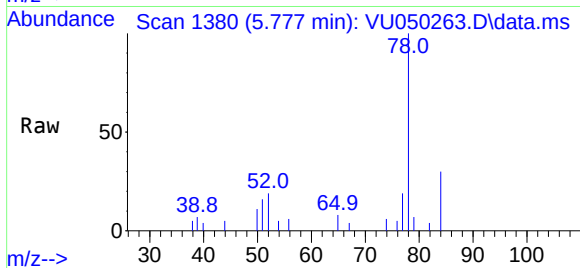




#33
Benzene
Concen: 0.213 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Instrument :
MSVOA_U
ClientSampleId :

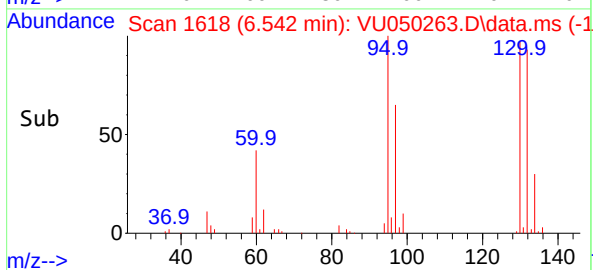
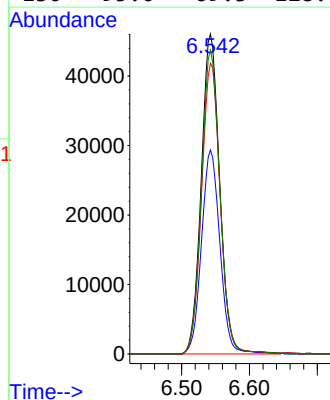
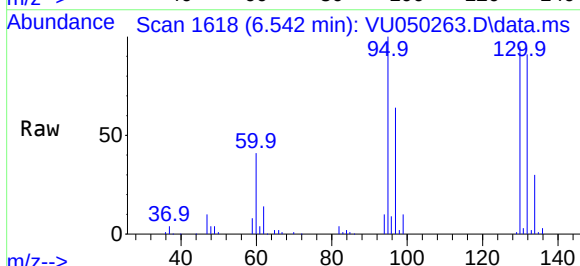
Tgt Ion: 78 Resp: 6002

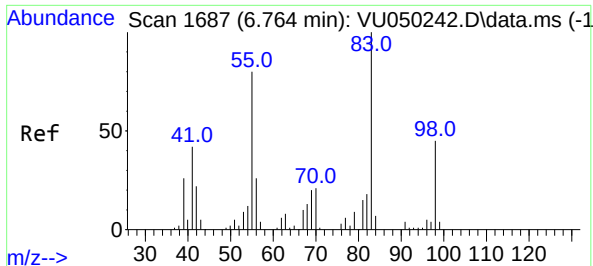


#34
Trichloroethene
Concen: 12.807 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Tgt Ion: 95 Resp: 87132

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.8
132	90.8	65.0	120.6
130	95.0	69.3	128.7





#35

Methylcyclohexane

Concen: 1.186 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050263.D

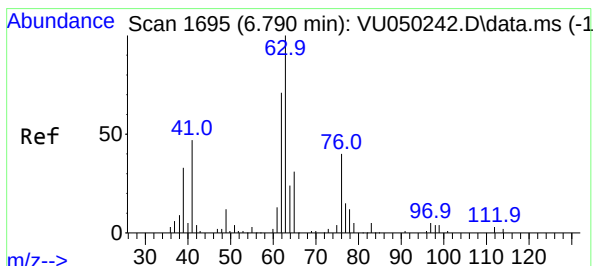
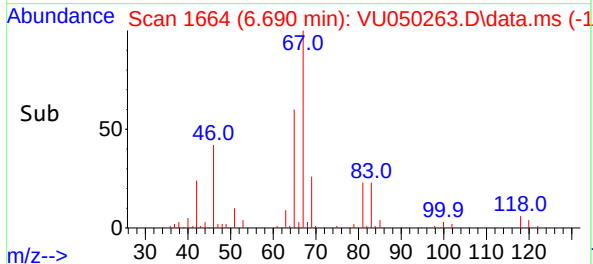
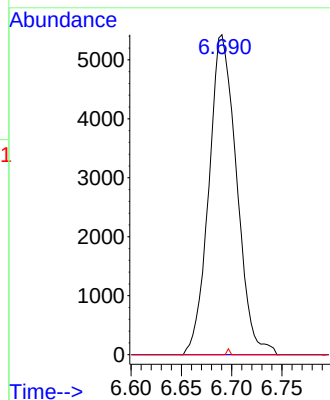
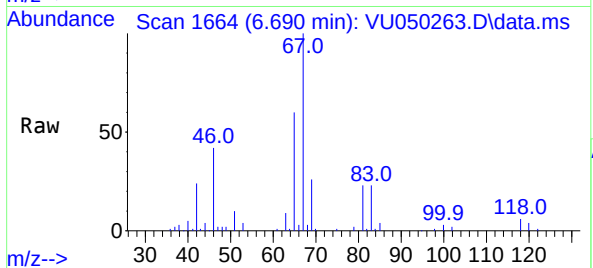
Acq: 12 Aug 2022 05:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10414
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 3.9	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

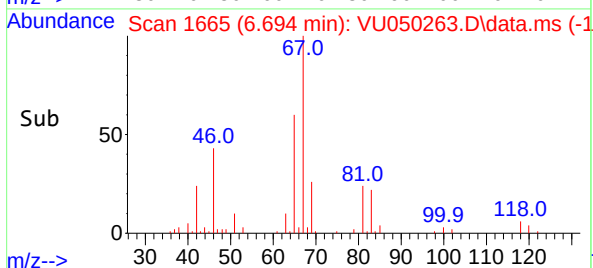
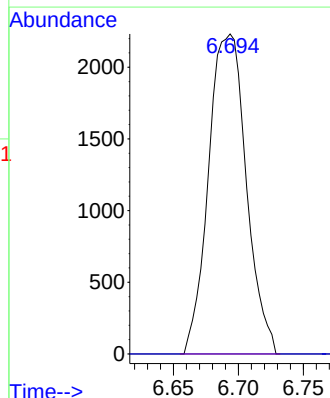
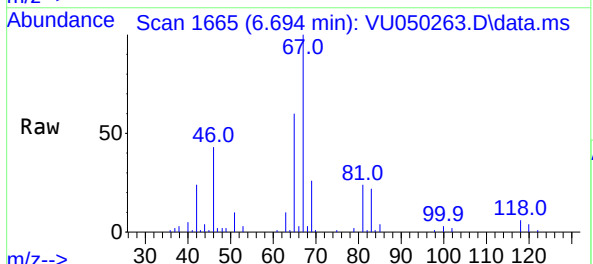
RT: 6.694 min Scan# 1665

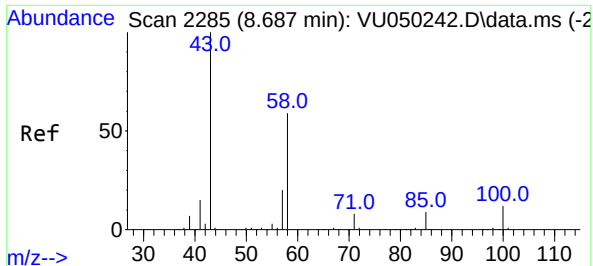
Delta R.T. -0.097 min

Lab File: VU050263.D

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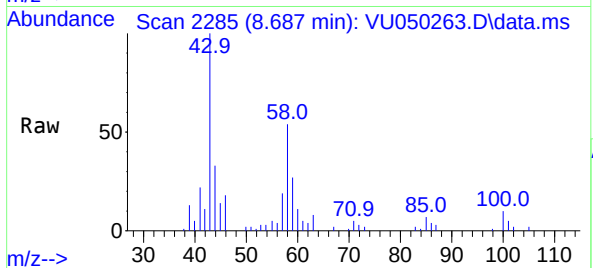
Tgt Ion: 63	Resp: 4513
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





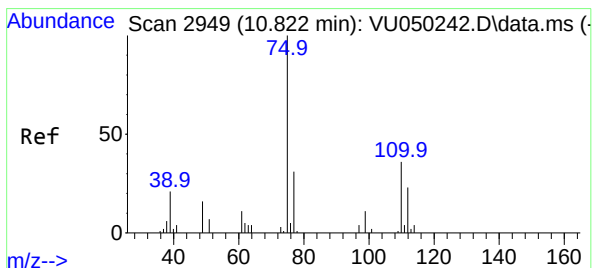
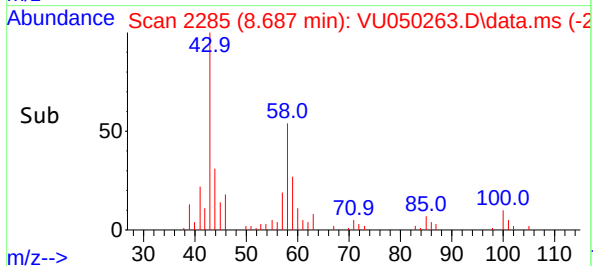
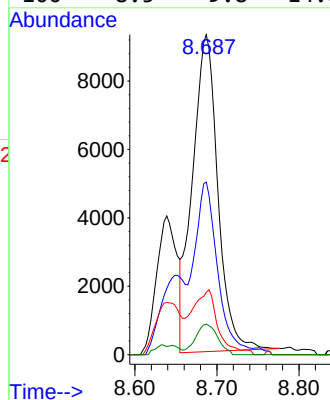
#48
2-Hexanone
Concen: 5.943 ug/L
RT: 8.687 min Scan# 219949
Delta R.T. -0.000 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Instrument :
MSVOA_U
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Tgt Ion: 43 Resp: 19949

Ion	Ratio	Lower	Upper
43	100		
58	45.3	50.6	76.0#
57	18.0	16.0	24.0
100	8.5	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Tgt Ion: 75 Resp: 3782

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	28.8	25.8	38.6

