

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057321.D
 Acq On : 28 Dec 2023 09:11
 Operator : MD/SY
 Sample : 06021-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

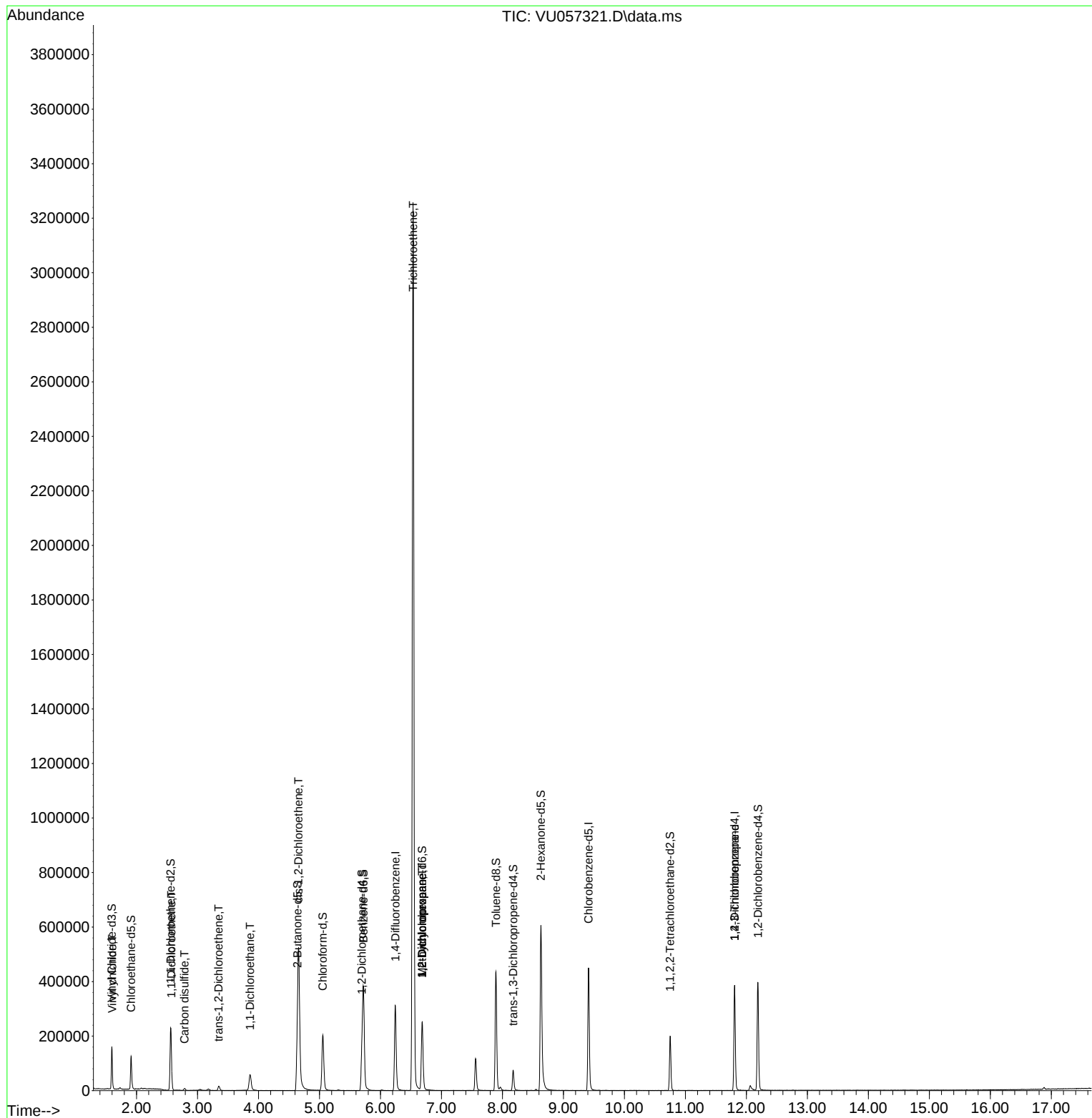
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107560	5.116	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.400%		
7) Chloroethane-d5	1.910	69	95135	5.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.600%		
11) 1,1-Dichloroethene-d2	2.560	65	42602	5.091	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.800%		
20) 2-Butanone-d5	4.637	46	281513	59.117	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.240%		
24) Chloroform-d	5.055	84	195267	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	5.695	65	106502	5.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.400%		
32) Benzene-d6	5.721	84	363411	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
36) 1,2-Dichloropropane-d6	6.682	67	124325	5.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.400%		
41) Toluene-d8	7.894	98	295168	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	8.177	79	44119	4.929	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.600%		
46) 2-Hexanone-d5	8.630	63	211301	52.122	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.240%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	98316	5.248	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	105712	5.726	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3246	0.159	ug/L #	37
12) 1,1-Dichloroethene	2.570	96	5880	0.368	ug/L #	1
14) Carbon disulfide	2.788	76	10015	0.220	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	7033	0.443	ug/L	99
19) 1,1-Dichloroethane	3.862	63	68495	2.055	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	232208	12.665	ug/L	97
34) Trichloroethene	6.534	95	1162984	60.662	ug/L	97
35) Methylcyclohexane	6.685	83	29089	1.162	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13701	0.684	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	12024	1.136	ug/L #	66

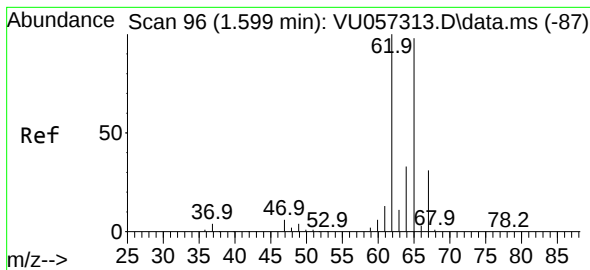
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.159 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

Instrument :

MSVOA_U

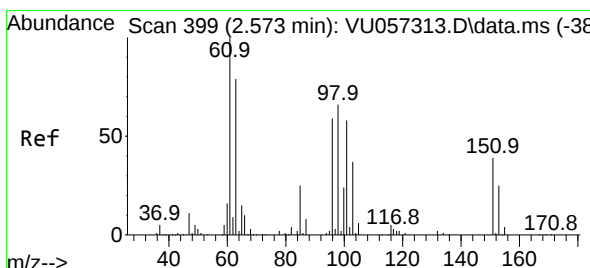
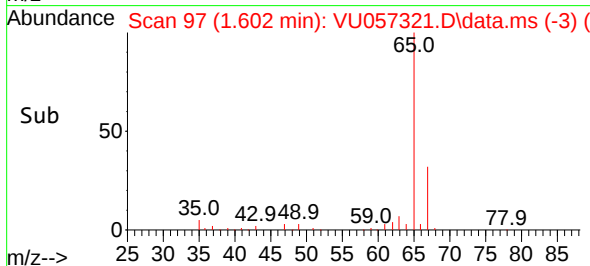
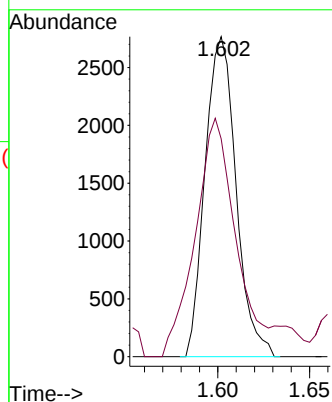
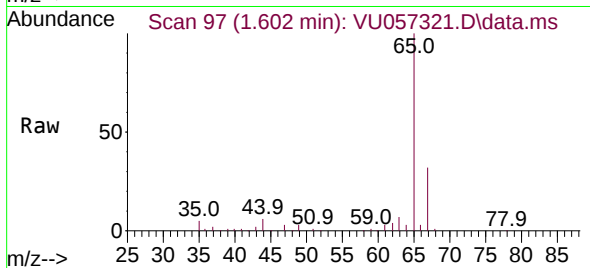
ClientSampleId :

Tgt Ion: 62 Resp: 3246

Ion Ratio Lower Upper

62 100

64 68.1 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

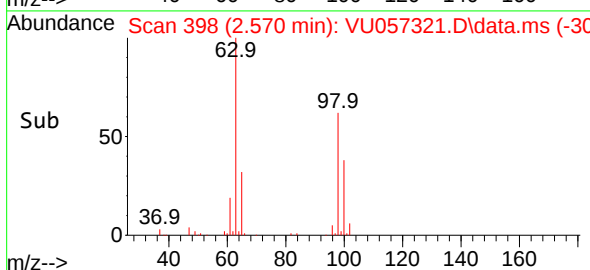
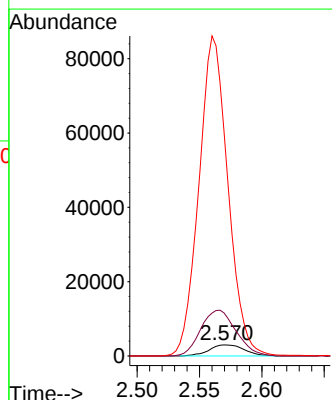
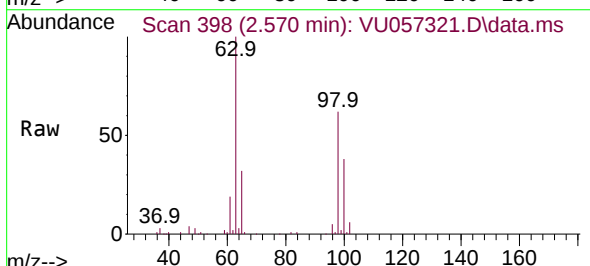
Tgt Ion: 96 Resp: 5880

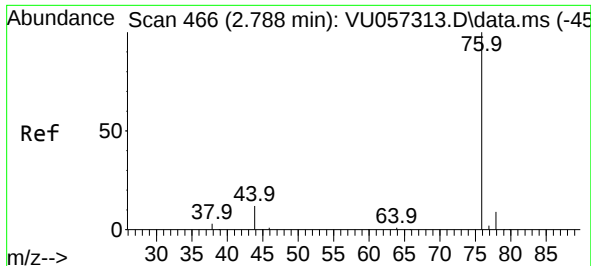
Ion Ratio Lower Upper

96 100

61 390.0 122.2 226.9#

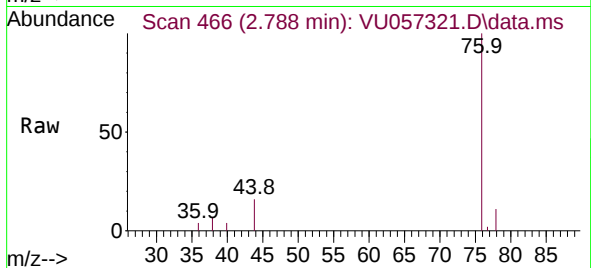
63 2035.2 99.2 184.2#



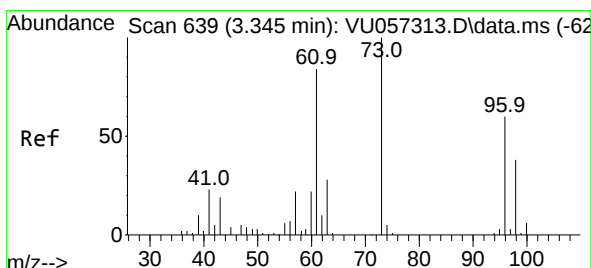
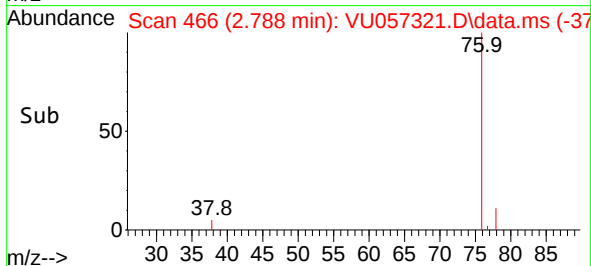
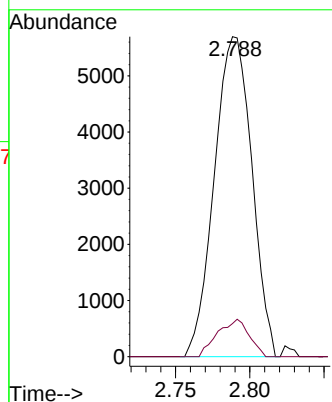


#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.788 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

Instrument :
MSVOA_U
ClientSampleId :

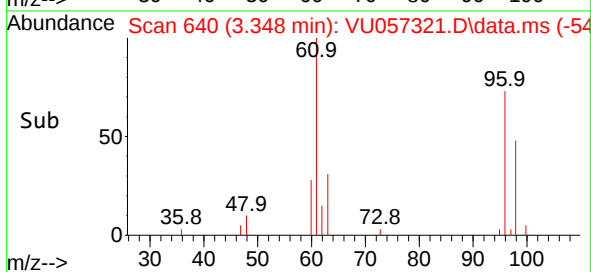
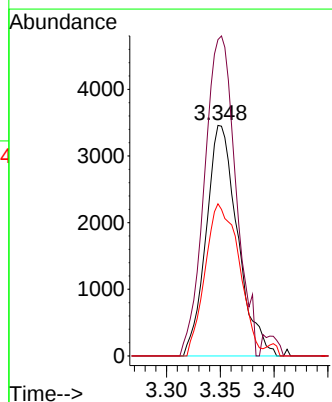
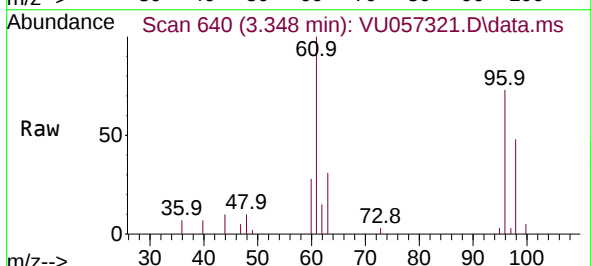


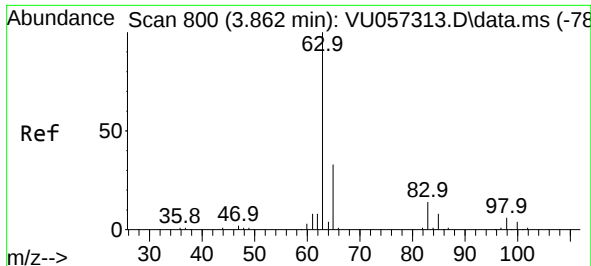
Tgt Ion: 76 Resp: 10015
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#18
trans-1,2-Dichloroethene
Concen: 0.443 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

Tgt Ion: 96 Resp: 7033
Ion Ratio Lower Upper
96 100
61 137.2 97.5 181.1
98 66.0 45.9 85.3





#19

1,1-Dichloroethane

Concen: 2.055 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

Instrument :

MSVOA_U

ClientSampleId :

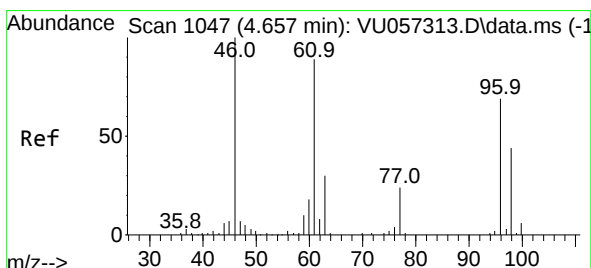
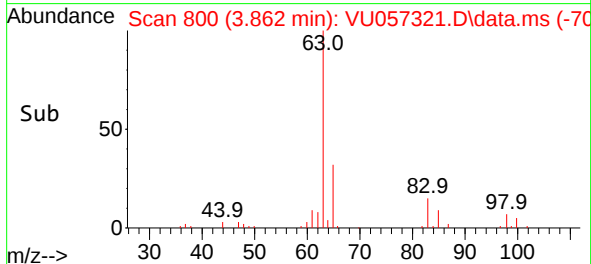
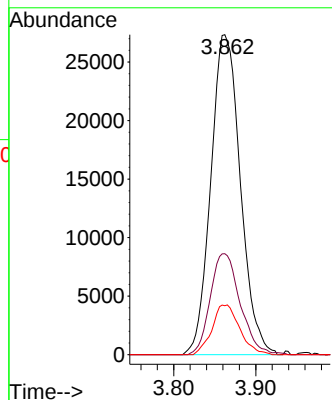
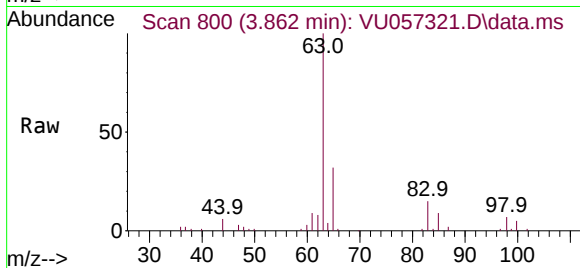
Tgt Ion: 63 Resp: 68495

Ion Ratio Lower Upper

63 100

65 32.3 23.6 43.8

83 15.3 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 12.665 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

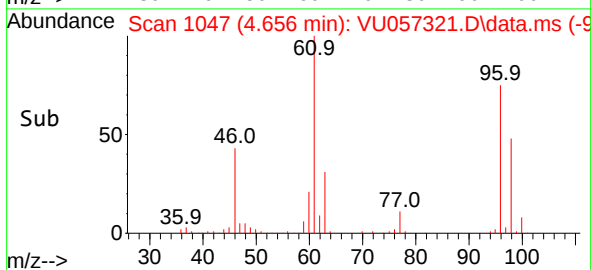
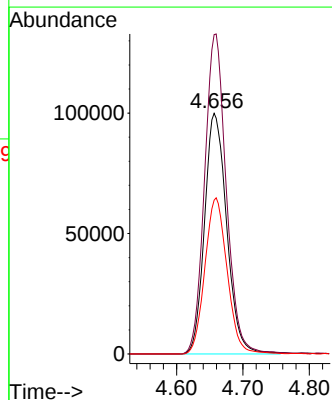
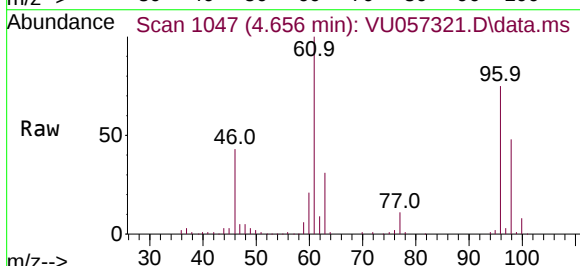
Tgt Ion: 96 Resp: 232208

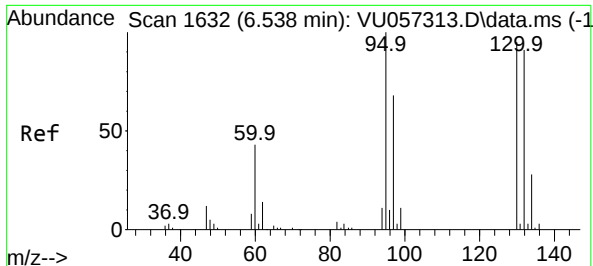
Ion Ratio Lower Upper

96 100

61 132.7 91.1 169.3

98 63.9 42.6 79.0

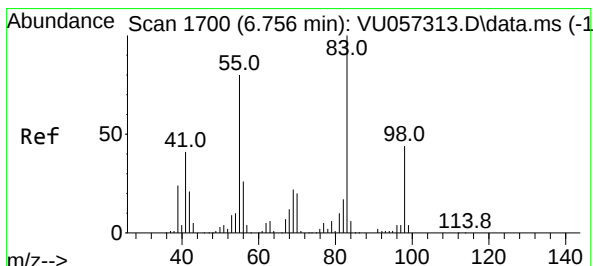
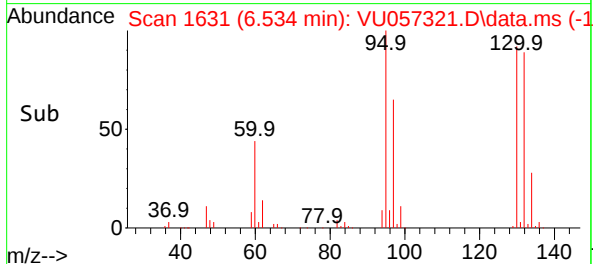
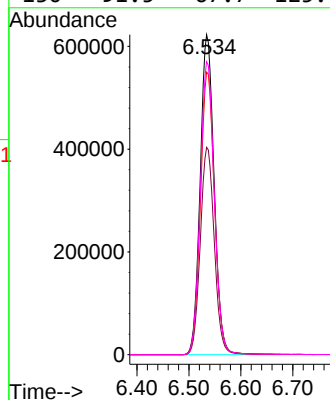
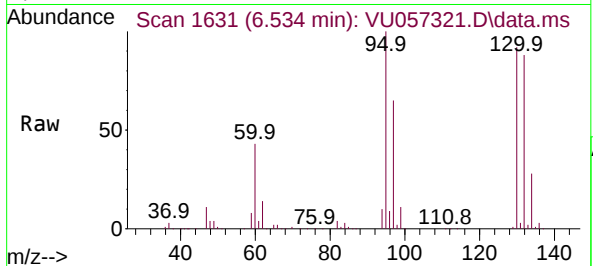




#34
Trichloroethene
Concen: 60.662 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

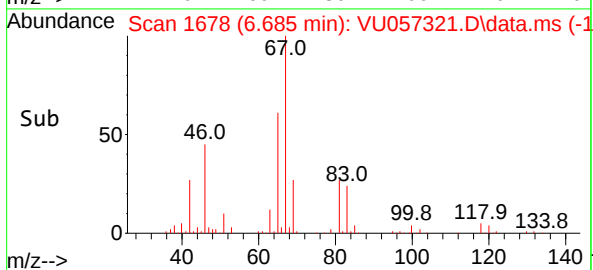
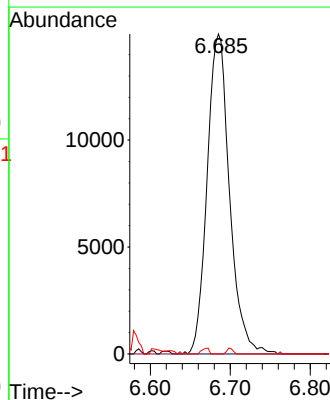
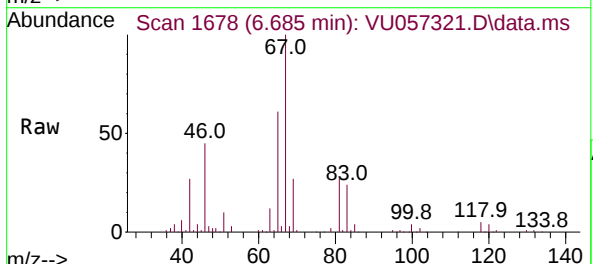
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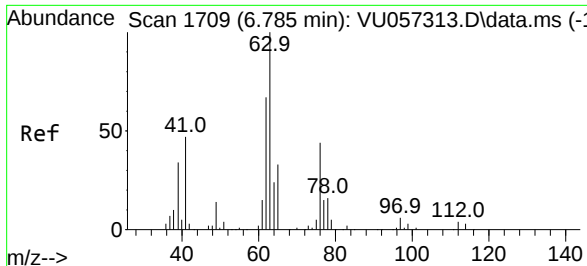
Tgt Ion: 95 Resp: 1162984
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 88.3 63.1 117.3
130 91.5 67.7 125.7



#35
Methylcyclohexane
Concen: 1.162 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

Tgt Ion: 83 Resp: 29089
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 0.0 35.3 52.9#

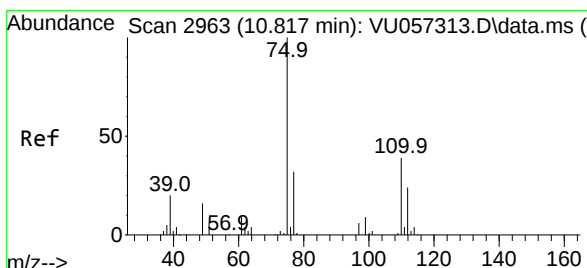
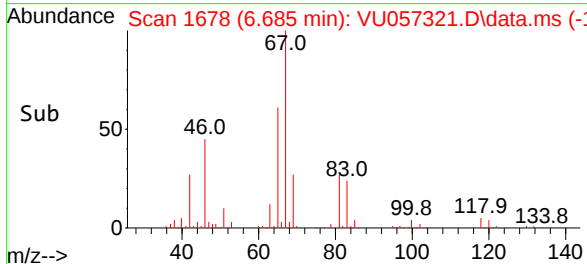
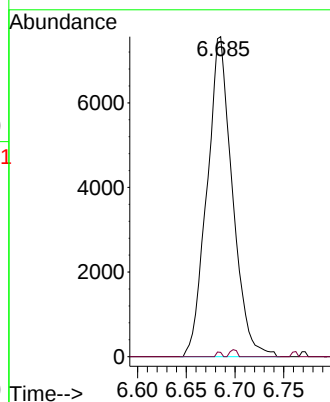
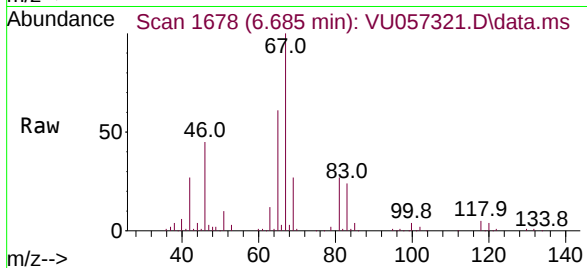




#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 13701
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#



#61
1,2,3-Trichloropropane
Concen: 1.136 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057321.D
Acq: 28 Dec 2023 09:11

Tgt Ion: 75 Resp: 12024
Ion Ratio Lower Upper
75 100
110 1.5 29.0 43.6#
77 34.8 25.4 38.2

