

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056551.D
 Acq On : 21 Nov 2023 15:08
 Operator : MD/SY
 Sample : 05411-04RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:34:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

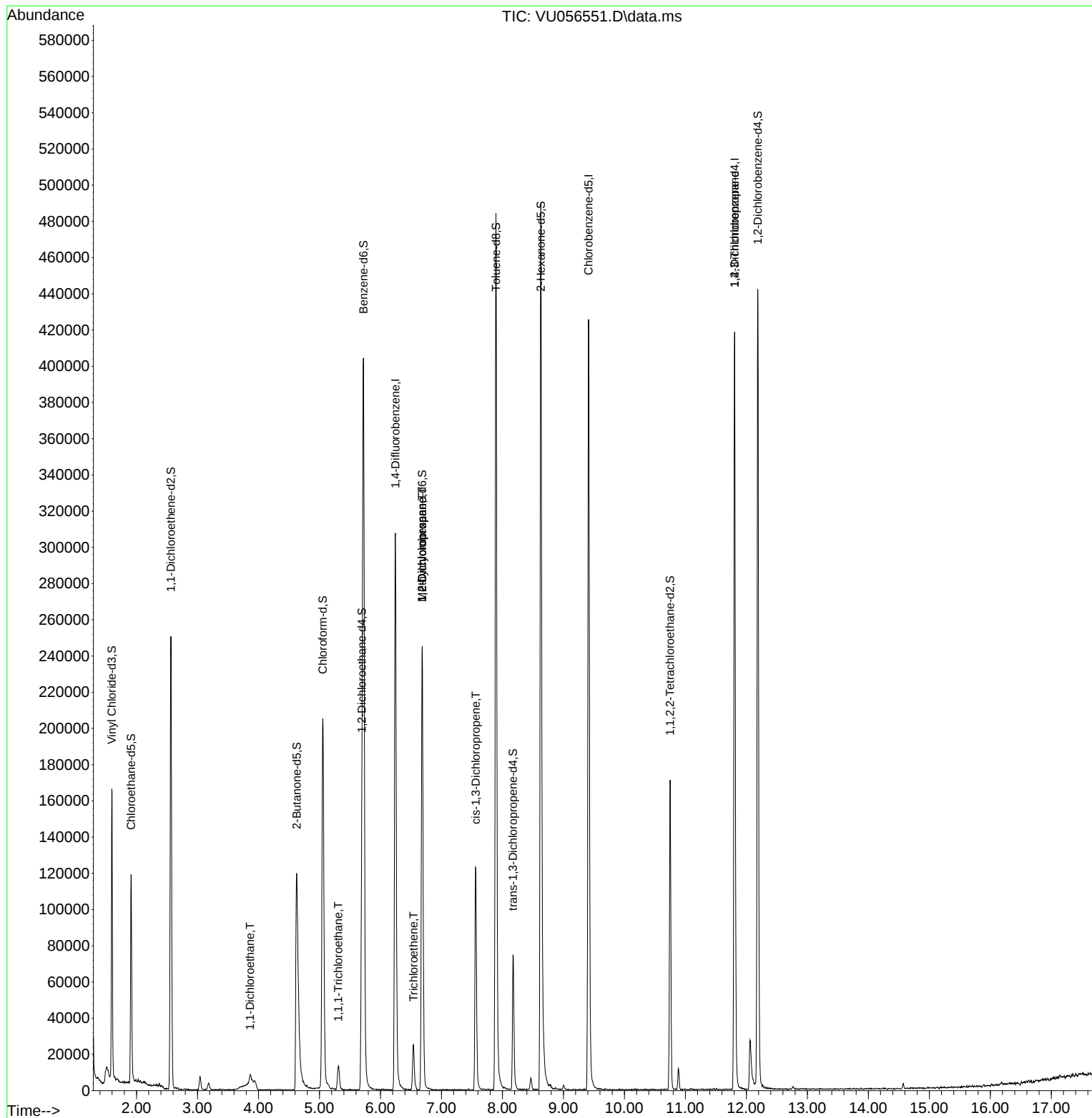
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255801	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112906	5.901	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 118.000%		
7) Chloroethane-d5	1.911	69	85840	5.851	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 117.000%		
11) 1,1-Dichloroethene-d2	2.563	65	48451	5.738	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.800%		
20) 2-Butanone-d5	4.628	46	216638	56.784	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.560%		
24) Chloroform-d	5.055	84	198794	5.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	5.695	65	99089	5.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.800%		
32) Benzene-d6	5.721	84	389525	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6	6.685	67	120023	5.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.800%		
41) Toluene-d8	7.894	98	334687	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...	8.174	79	45089	5.183	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.600%		
46) 2-Hexanone-d5	8.631	63	170724	49.942	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.880%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83506	5.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	115965	5.516	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds						
						Qvalue
19) 1,1-Dichloroethane	3.862	63	6030	0.189	ug/L	89
29) 1,1,1-Trichloroethane	5.309	97	10288	0.355	ug/L	96
34) Trichloroethene	6.544	95	8456	0.431	ug/L	95
35) Methylcyclohexane	6.685	83	28215	0.995	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12917	0.687	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3233	0.117	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	13389	1.371	ug/L #	67

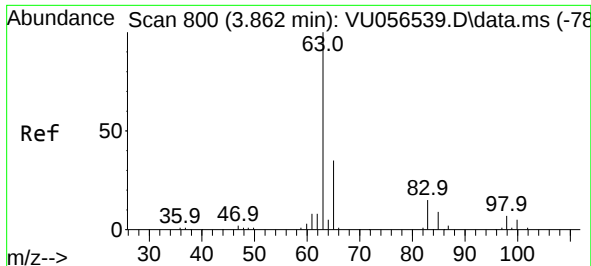
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 23:30:53 2023
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#19

1,1-Dichloroethane

Concen: 0.189 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056551.D

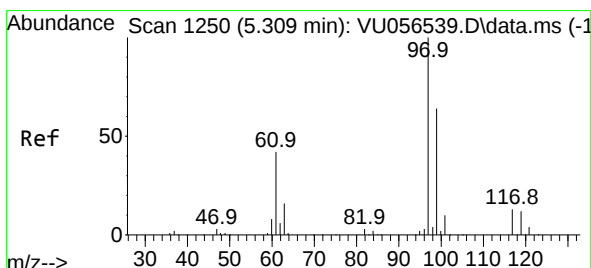
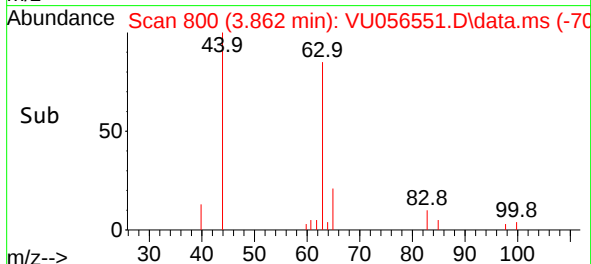
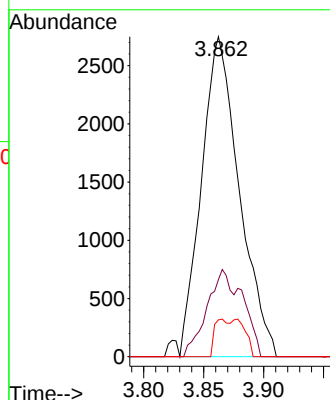
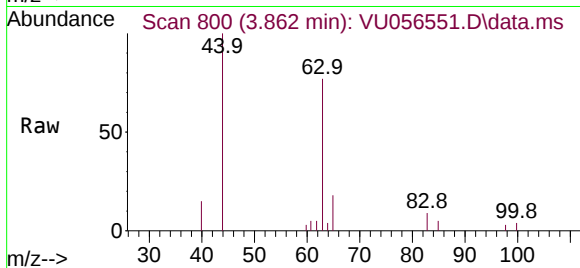
Acq: 21 Nov 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	6030
Ion	Ratio	Lower	Upper
63	100		
65	24.1	21.8	40.6
83	11.5	9.7	17.9



#29

1,1,1-Trichloroethane

Concen: 0.355 ug/L

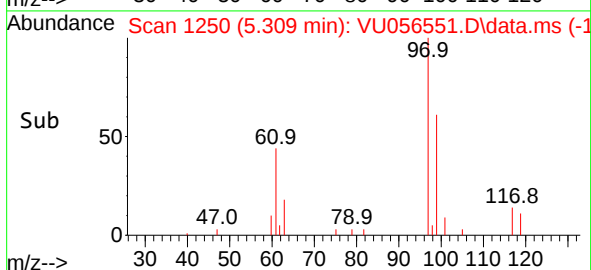
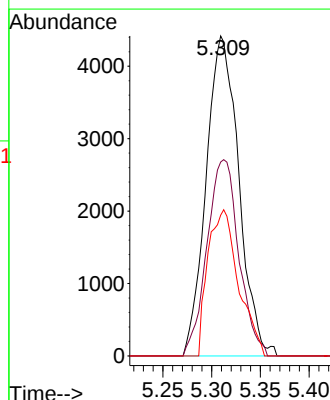
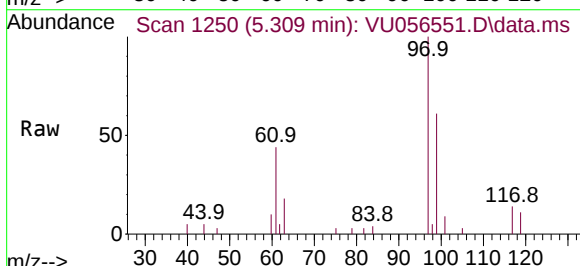
RT: 5.309 min Scan# 1250

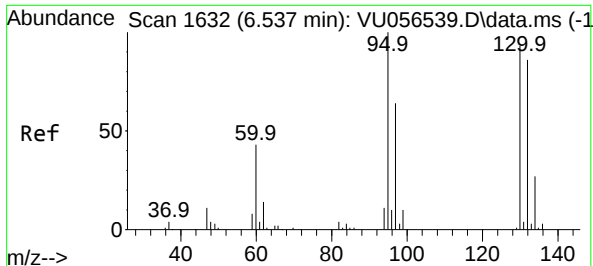
Delta R.T. 0.000 min

Lab File: VU056551.D

Acq: 21 Nov 2023 15:08

Tgt Ion:	97	Resp:	10288
Ion	Ratio	Lower	Upper
97	100		
99	59.9	51.6	77.4
61	42.7	34.3	51.5





#34

Trichloroethene

Concen: 0.431 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU056551.D

Acq: 21 Nov 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 8456

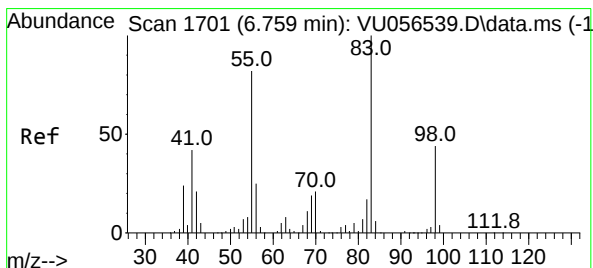
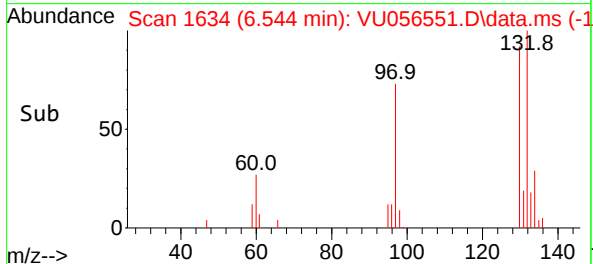
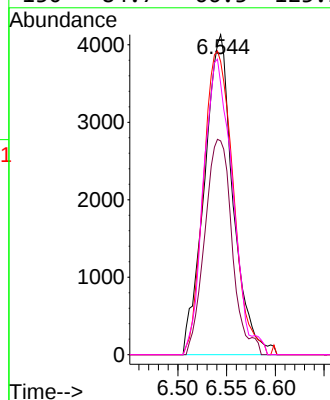
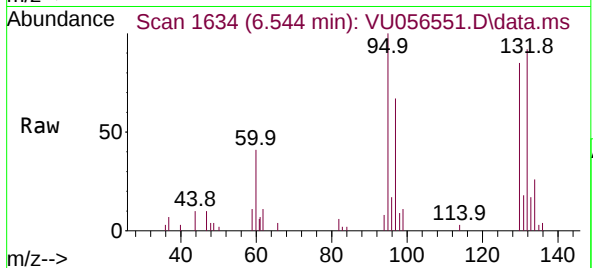
Ion Ratio Lower Upper

95 100

97 66.8 46.5 86.3

132 91.6 62.0 115.2

130 84.7 66.3 123.1



#35

Methylcyclohexane

Concen: 0.995 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056551.D

Acq: 21 Nov 2023 15:08

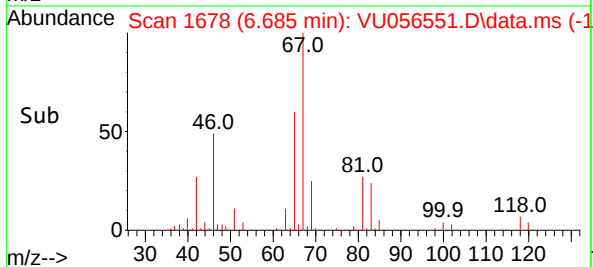
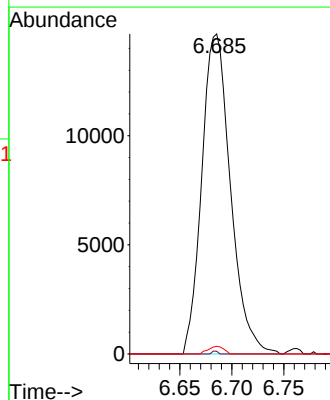
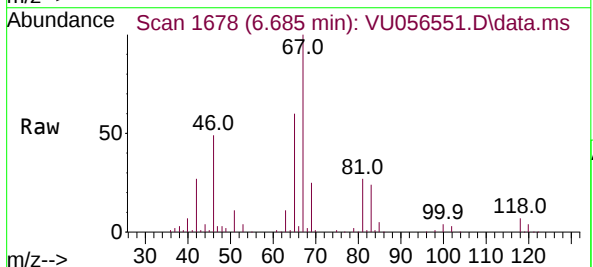
Tgt Ion: 83 Resp: 28215

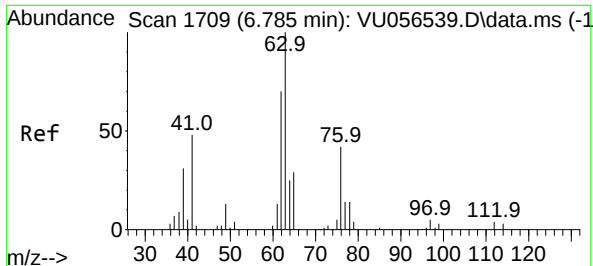
Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 1.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056551.D

Acq: 21 Nov 2023 15:08

Instrument :

MSVOA_U

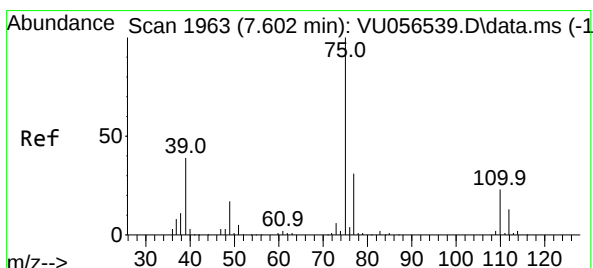
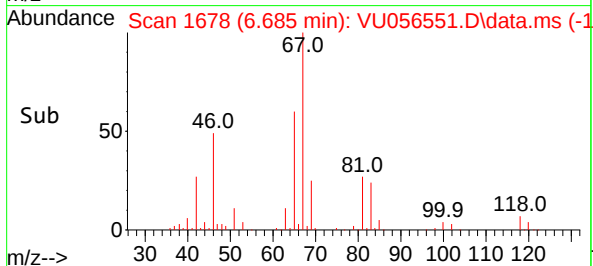
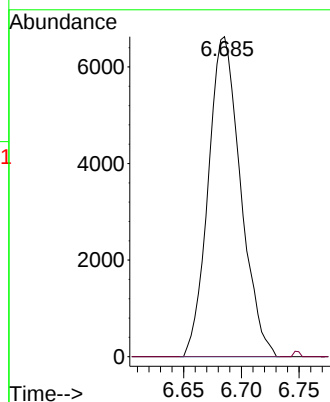
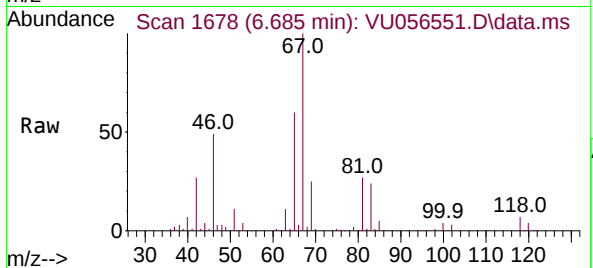
ClientSampleId :

Tgt Ion: 63 Resp: 12917

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU056551.D

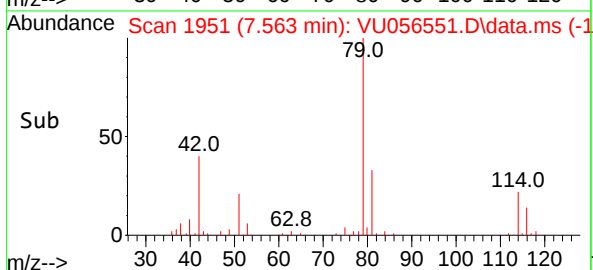
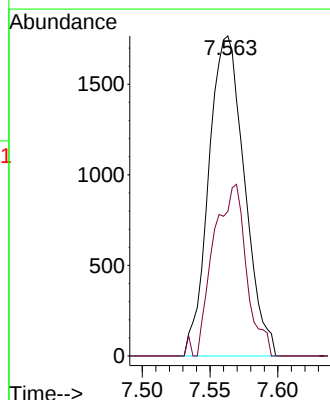
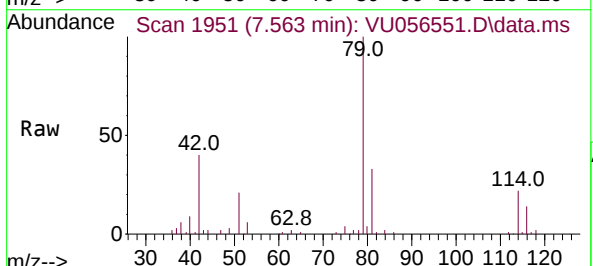
Acq: 21 Nov 2023 15:08

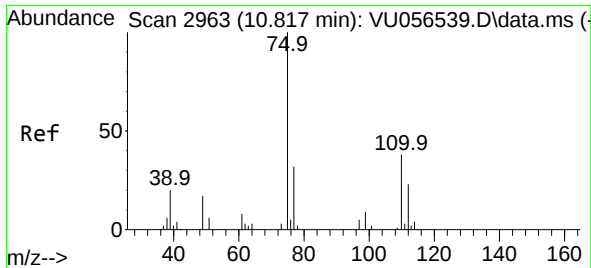
Tgt Ion: 75 Resp: 3233

Ion Ratio Lower Upper

75 100

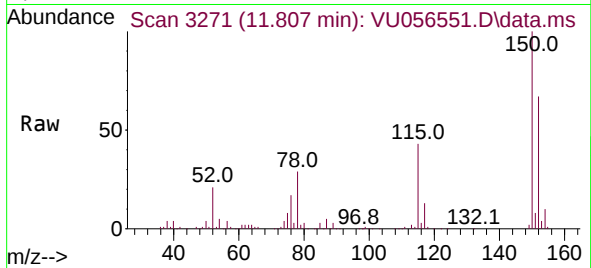
77 45.2 21.5 39.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.371 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056551.D
 Acq: 21 Nov 2023 15:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13389
 Ion Ratio Lower Upper
 75 100
 110 2.9 30.4 45.6#
 77 35.9 27.0 40.6

