

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056569.D
 Acq On : 21 Nov 2023 23:13
 Operator : MD/SY
 Sample : 05436-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:00:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

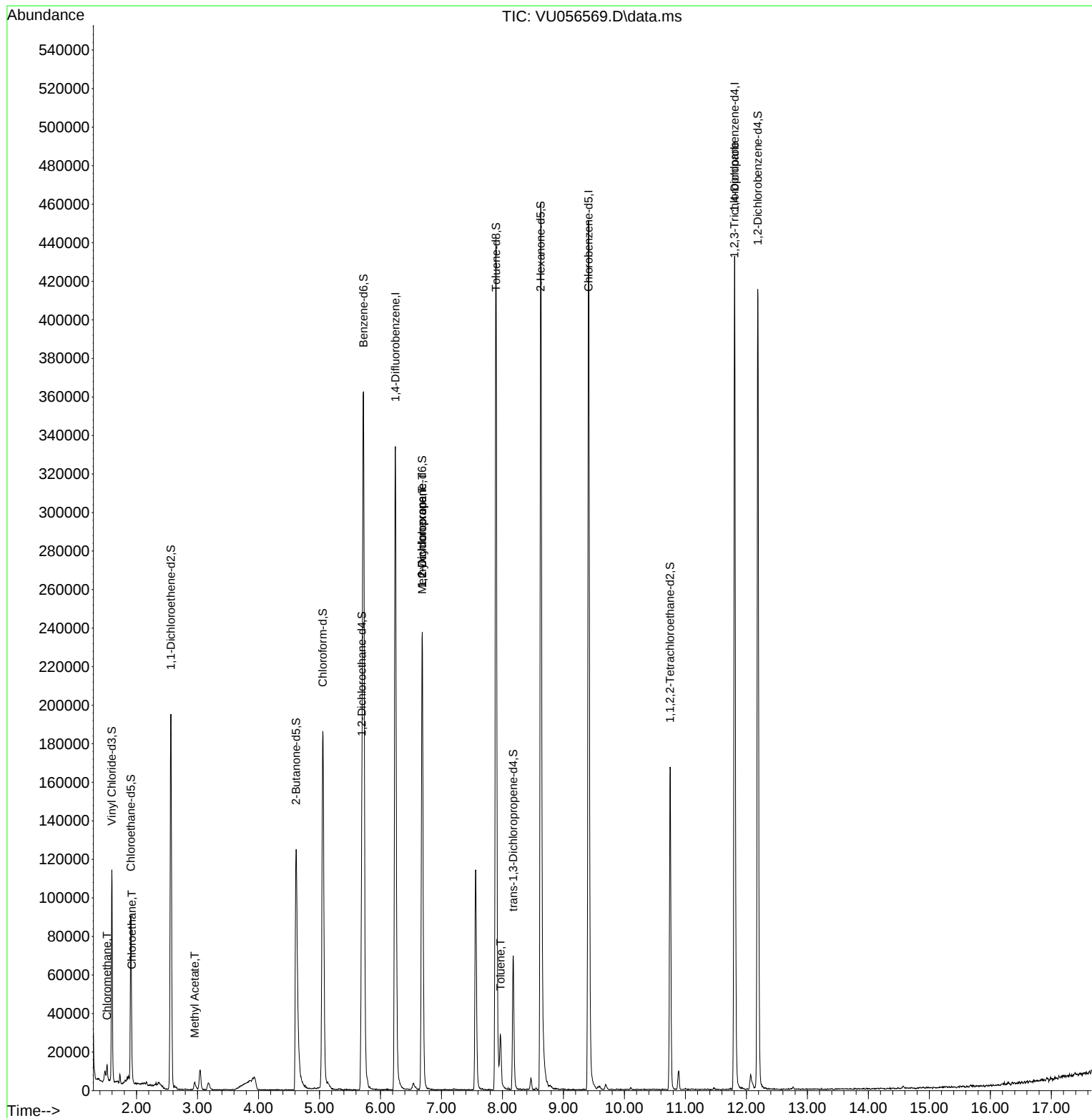
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	265906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	77353	3.687	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.907	69	66423	4.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.563	65	38133	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.618	46	197016	47.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.200%
24) Chloroform-d	5.055	84	180999	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	93502	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	354860	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	115962	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.894	98	309546	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	41860	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	160094	44.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82524	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	107948	5.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4848	0.213	ug/L	95
8) Chloroethane	1.920	64	2003	0.150	ug/L	87
15) Methyl Acetate	2.952	43	5886	0.928	ug/L	94
35) Methylcyclohexane	6.682	83	28772	0.964	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12809	0.647	ug/L #	89
42) Toluene	7.968	91	19306	0.246	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	14741	1.494	ug/L #	66

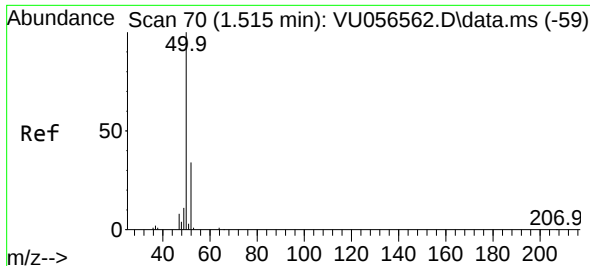
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
Data File : VU056569.D
Acq On : 21 Nov 2023 23:13
Operator : MD/SY
Sample : 05436-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 01:00:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 22 00:29:26 2023
Response via : Initial Calibration

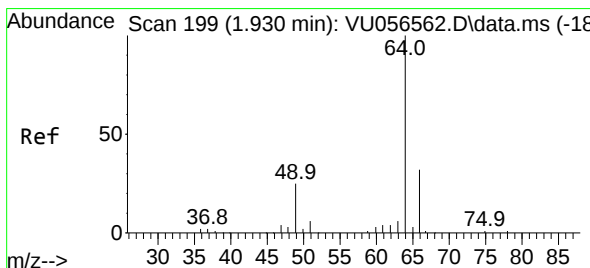
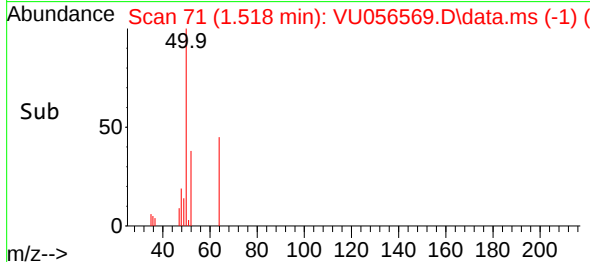
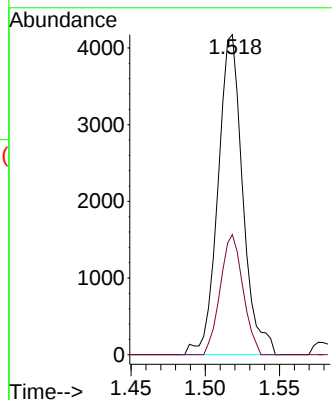
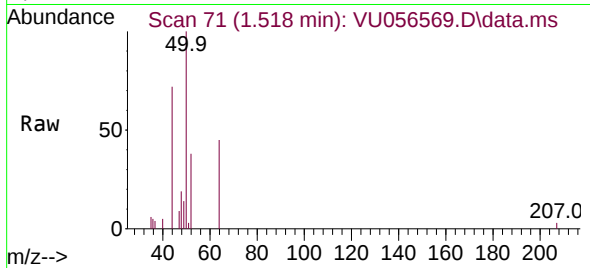




#3
Chloromethane
Concen: 0.213 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056569.D
Acq: 21 Nov 2023 23:13

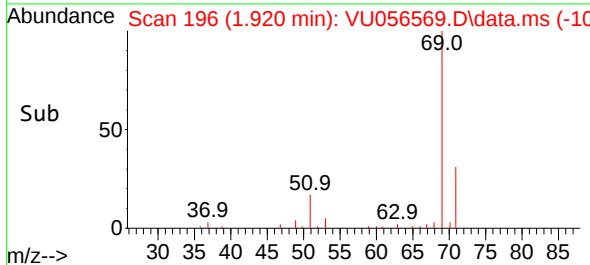
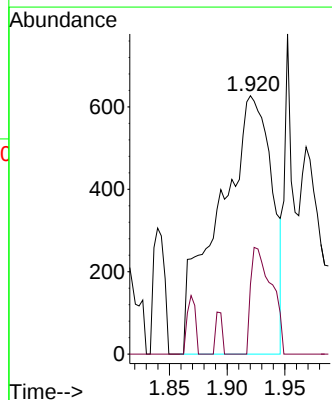
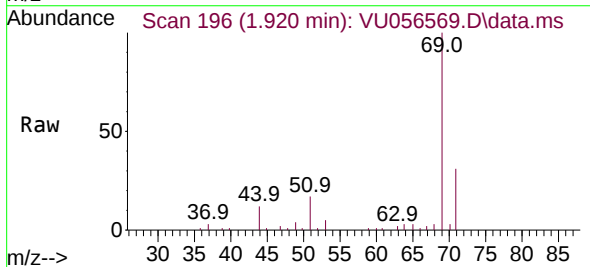
Instrument :
MSVOA_U
ClientSampleId :

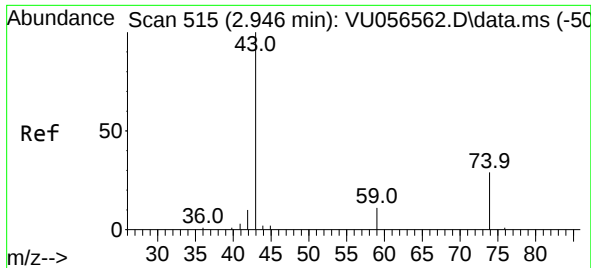
Tgt Ion: 50 Resp: 4848
Ion Ratio Lower Upper
50 100
52 37.5 24.3 45.1



#8
Chloroethane
Concen: 0.150 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.010 min
Lab File: VU056569.D
Acq: 21 Nov 2023 23:13

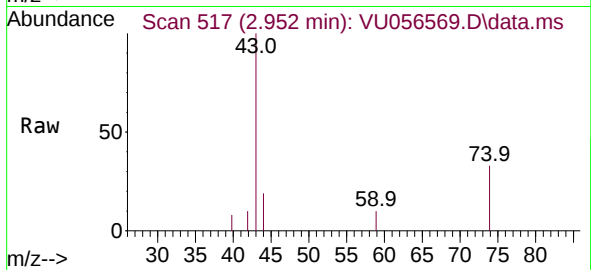
Tgt Ion: 64 Resp: 2003
Ion Ratio Lower Upper
64 100
66 27.0 23.9 44.5



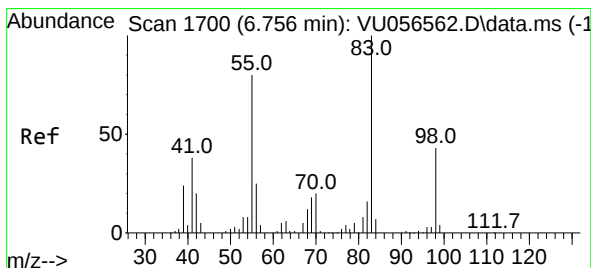
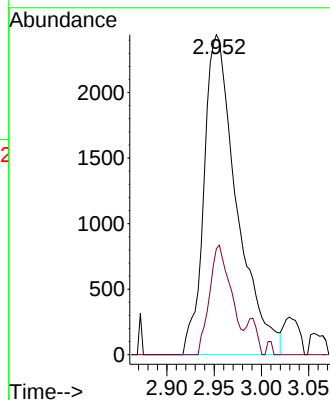
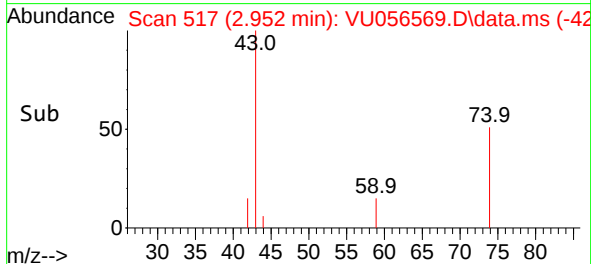


#15
Methyl Acetate
Concen: 0.928 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU056569.D
Acq: 21 Nov 2023 23:13

Instrument :
MSVOA_U
ClientSampleId :

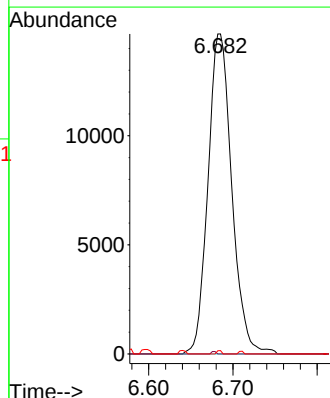
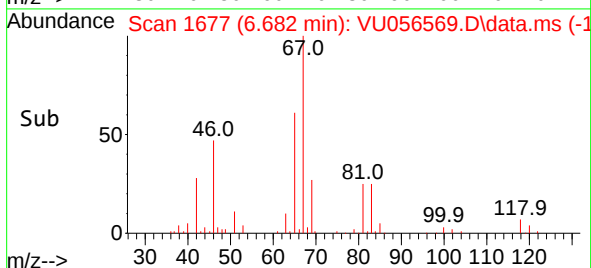
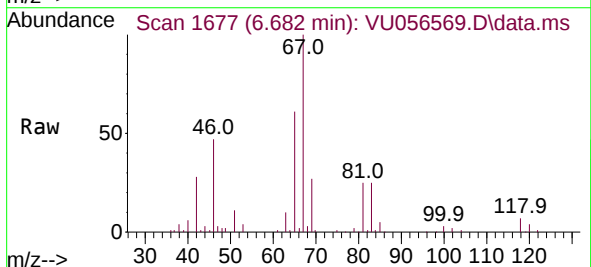


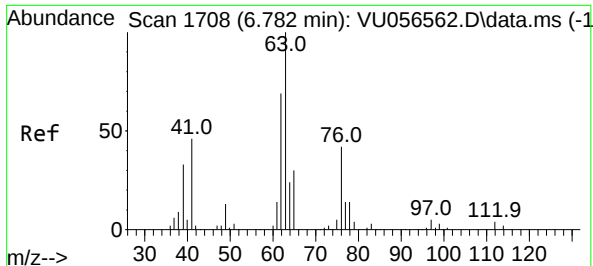
Tgt Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
74 22.8 20.6 31.0



#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056569.D
Acq: 21 Nov 2023 23:13

Tgt Ion: 83 Resp: 28772
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 0.2 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056569.D

Acq: 21 Nov 2023 23:13

Instrument :

MSVOA_U

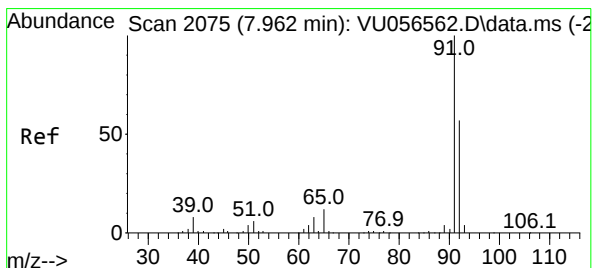
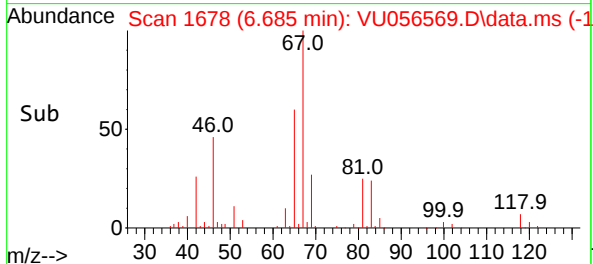
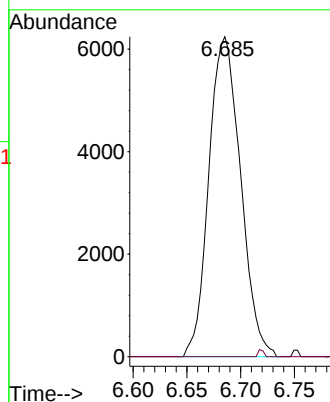
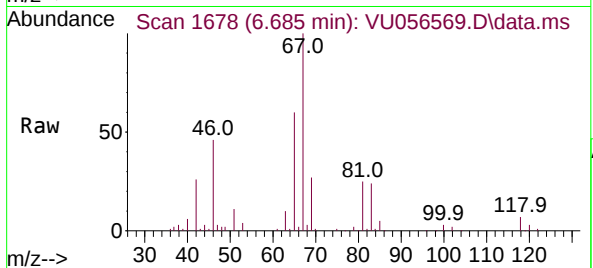
ClientSampleId :

Tgt Ion: 63 Resp: 12809

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#42

Toluene

Concen: 0.246 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU056569.D

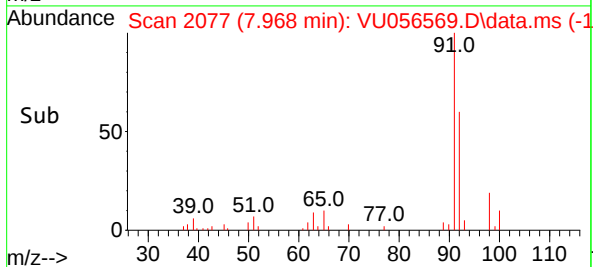
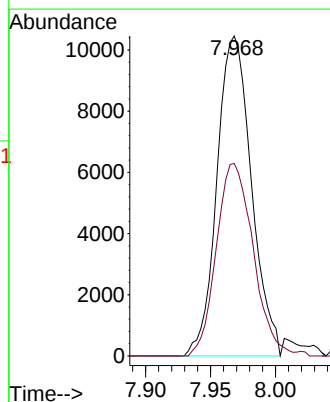
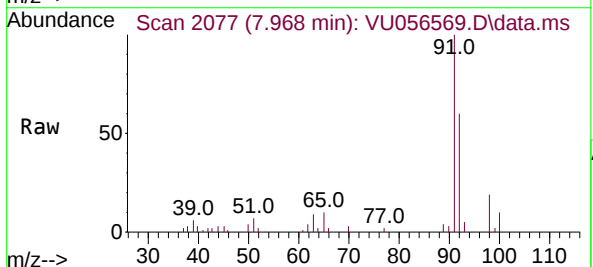
Acq: 21 Nov 2023 23:13

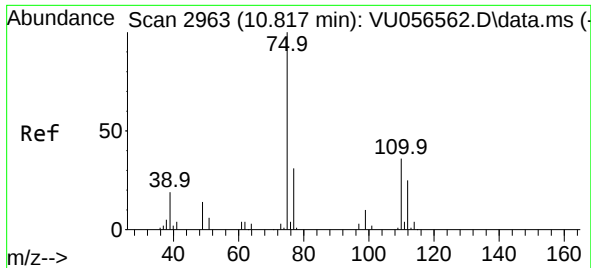
Tgt Ion: 91 Resp: 19306

Ion Ratio Lower Upper

91 100

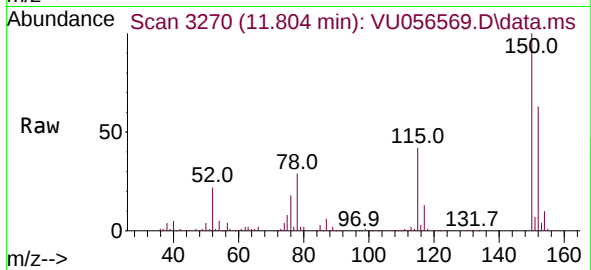
92 60.2 40.6 75.4





#61
1,2,3-Trichloropropane
Concen: 1.494 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056569.D
Acq: 21 Nov 2023 23:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.2	30.4	45.6#
77	31.1	27.0	40.6

