

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056041.D
 Acq On : 01 Nov 2023 15:53
 Operator : MD/SY
 Sample : 05112-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:10:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

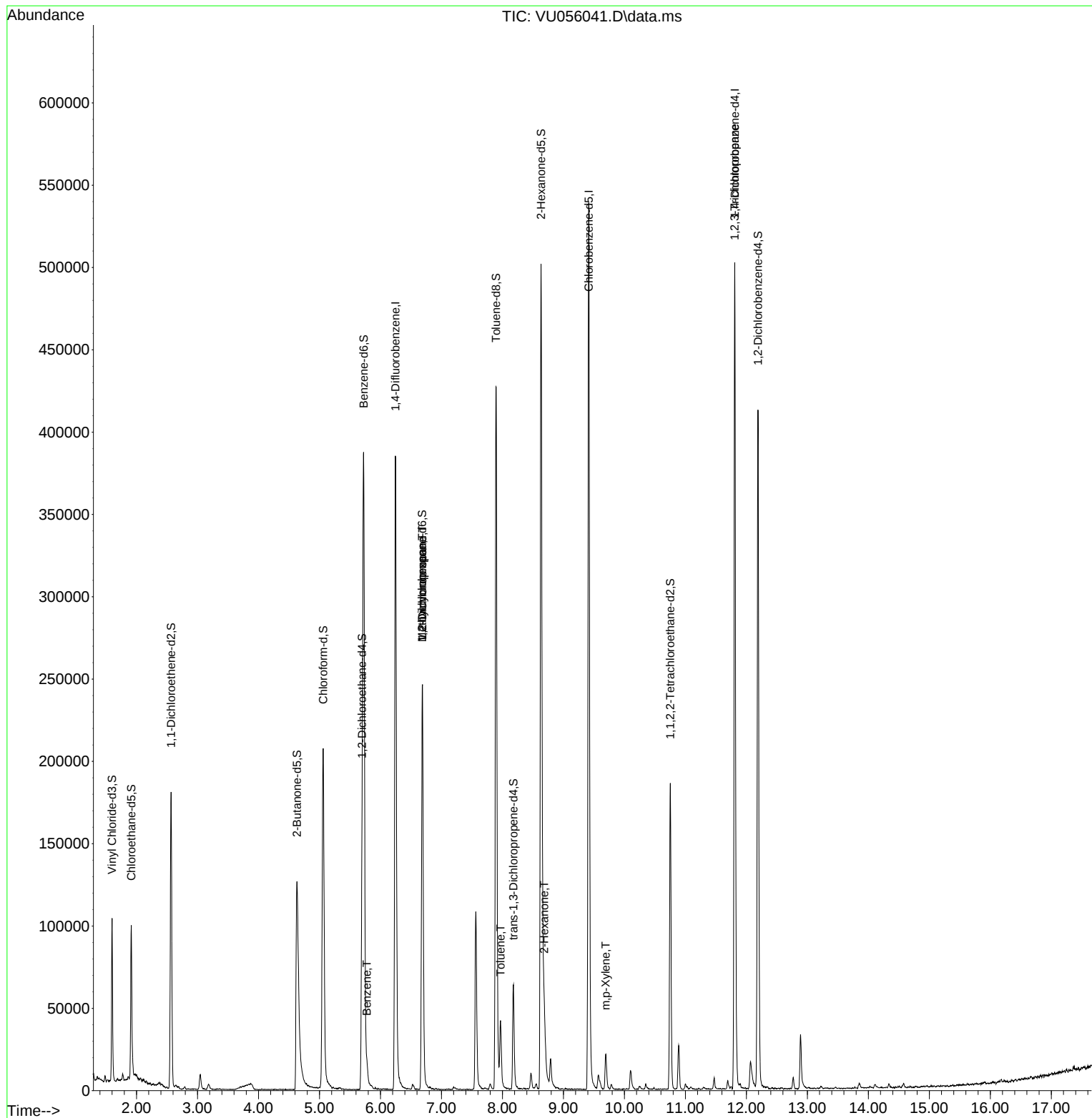
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	333361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	326207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	140472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72498	2.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.914	69	71523	3.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.566	65	34143	3.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.631	46	232021	49.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	5.061	84	198376	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.698	65	99874	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	384926	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.685	67	127372	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.897	98	312006	3.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.180	79	40479	3.593	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.634	63	178969	62.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95182	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	117463	4.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
33) Benzene	5.779	78	10781	0.150	ug/L	100
35) Methylcyclohexane	6.685	83	28663	1.055	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	13049	0.683	ug/L #	89
42) Toluene	7.968	91	31675	0.421	ug/L	97
48) 2-Hexanone	8.685	43	19389	2.676	ug/L #	47
53) m,p-Xylene	9.692	106	7061	0.222	ug/L	86
61) 1,2,3-Trichloropropane	11.807	75	15443	1.601	ug/L #	66

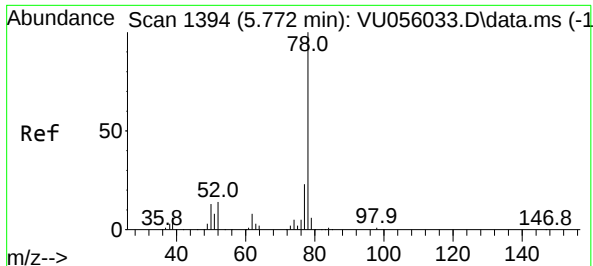
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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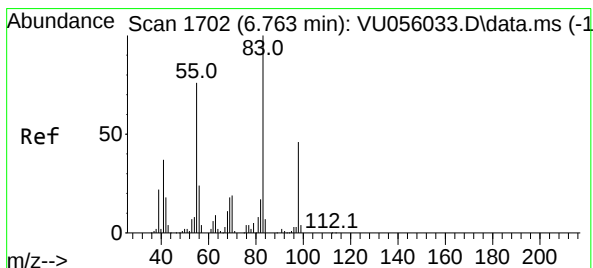
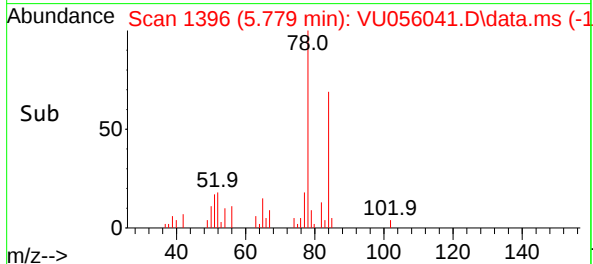
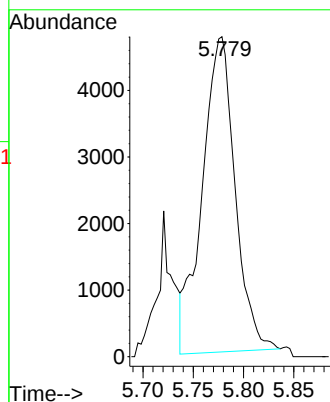
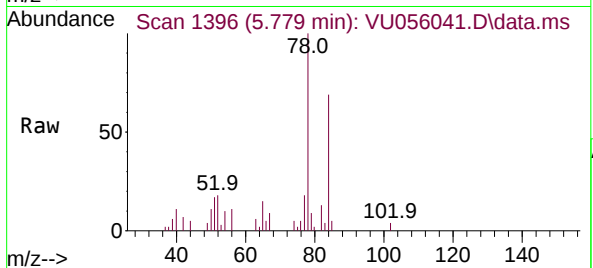




#33
Benzene
Concen: 0.150 ug/L
RT: 5.779 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU056041.D
Acq: 01 Nov 2023 15:53

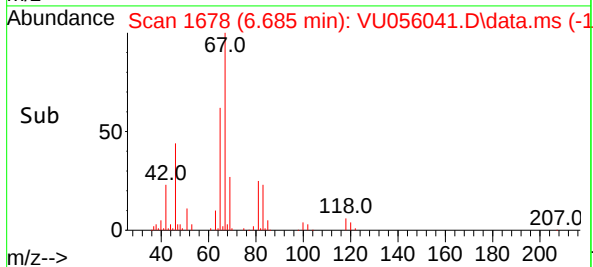
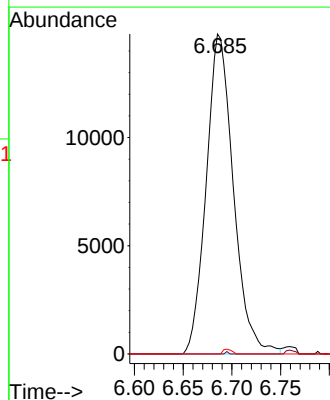
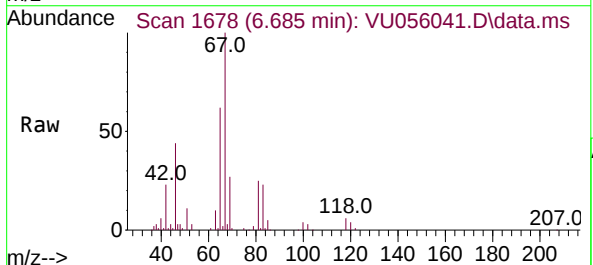
Instrument :
MSVOA_U
ClientSampleId :

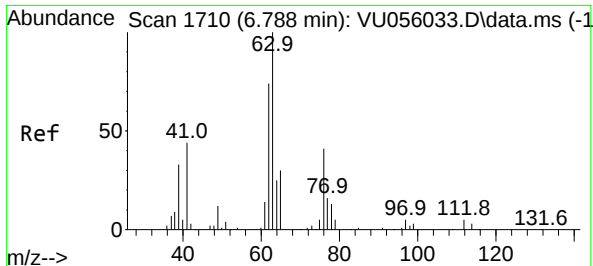
Tgt Ion: 78 Resp: 10781



#35
Methylcyclohexane
Concen: 1.055 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056041.D
Acq: 01 Nov 2023 15:53

Tgt Ion: 83 Resp: 28663
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.5 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056041.D

Acq: 01 Nov 2023 15:53

Instrument :

MSVOA_U

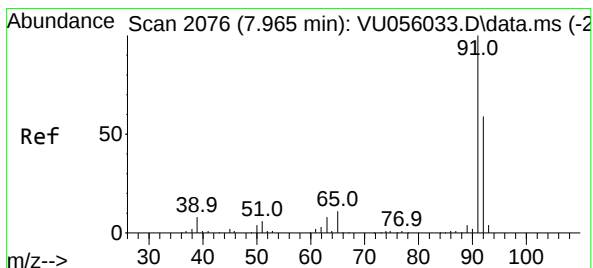
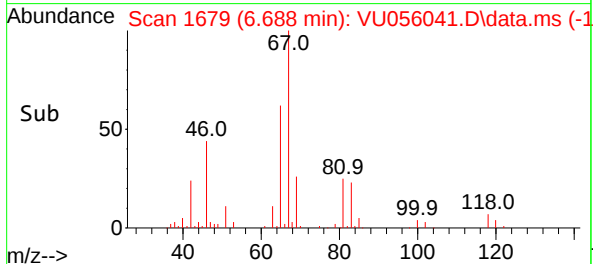
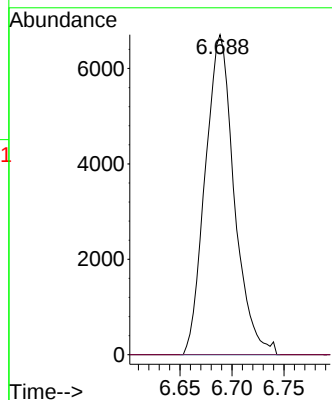
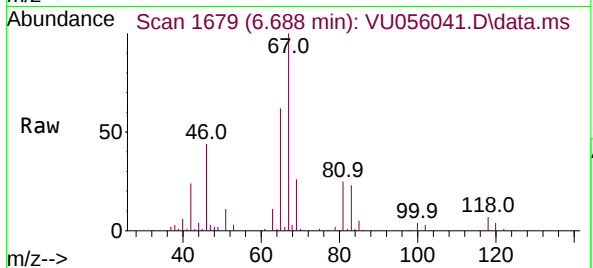
ClientSampleId :

Tgt Ion: 63 Resp: 13049

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#42

Toluene

Concen: 0.421 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU056041.D

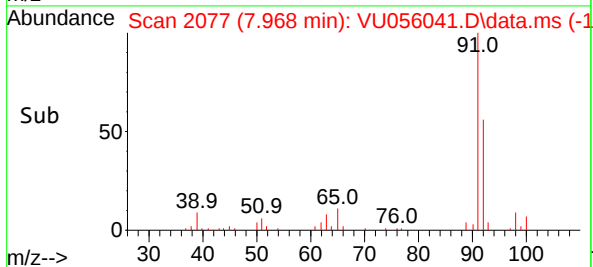
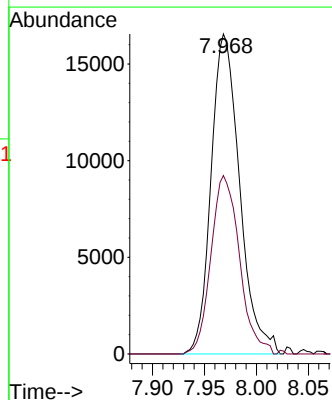
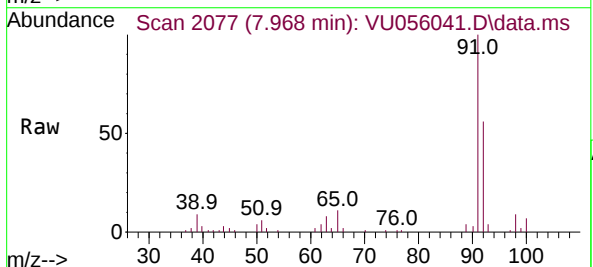
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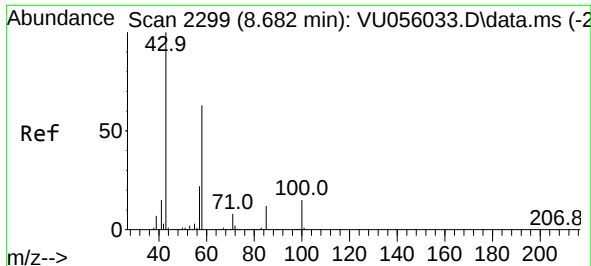
Tgt Ion: 91 Resp: 31675

Ion Ratio Lower Upper

91 100

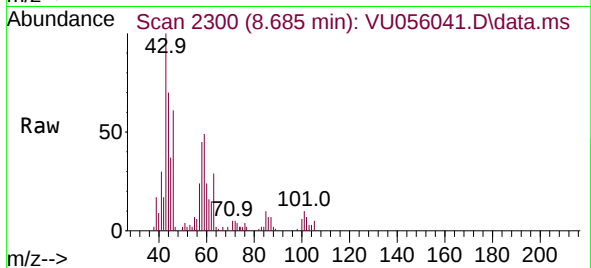
92 55.7 40.6 75.4



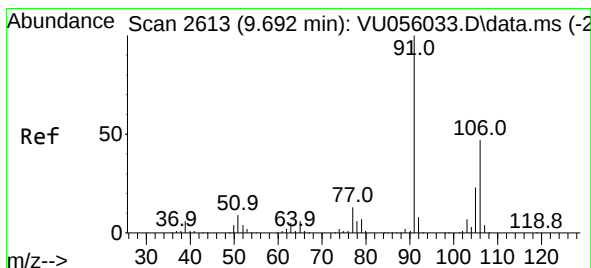
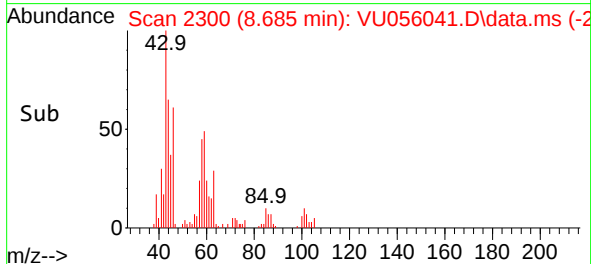
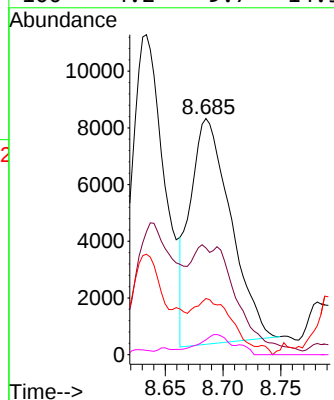


#48
2-Hexanone
Concen: 2.676 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056041.D
Acq: 01 Nov 2023 15:53

Instrument :
MSVOA_U
ClientSampleId :

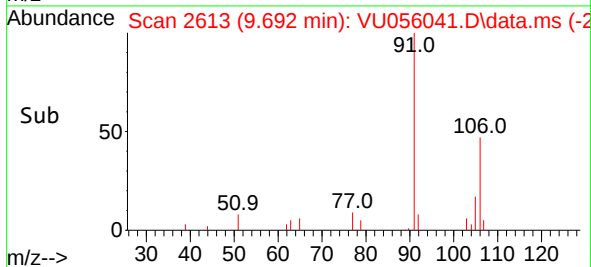
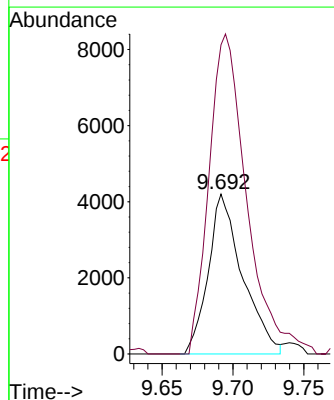
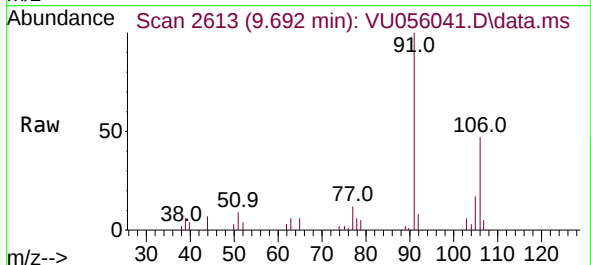


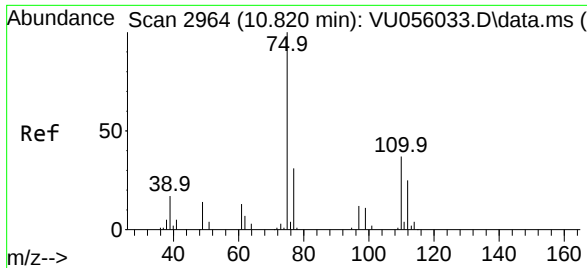
Tgt Ion: 43 Resp: 19389
Ion Ratio Lower Upper
43 100
58 4.0 49.5 74.3#
57 24.8 16.9 25.3
100 4.2 9.7 14.5#



#53
m,p-Xylene
Concen: 0.222 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056041.D
Acq: 01 Nov 2023 15:53

Tgt Ion: 106 Resp: 7061
Ion Ratio Lower Upper
106 100
91 193.3 150.4 279.2





#61
 1,2,3-Trichloropropane
 Concen: 1.601 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056041.D
 Acq: 01 Nov 2023 15:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 15443
 Ion Ratio Lower Upper
 75 100
 110 2.4 29.0 43.6#
 77 33.7 24.5 36.7

