

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062309.D
 Acq On : 13 Dec 2024 13:45
 Operator : MD/SY
 Sample : P5262-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

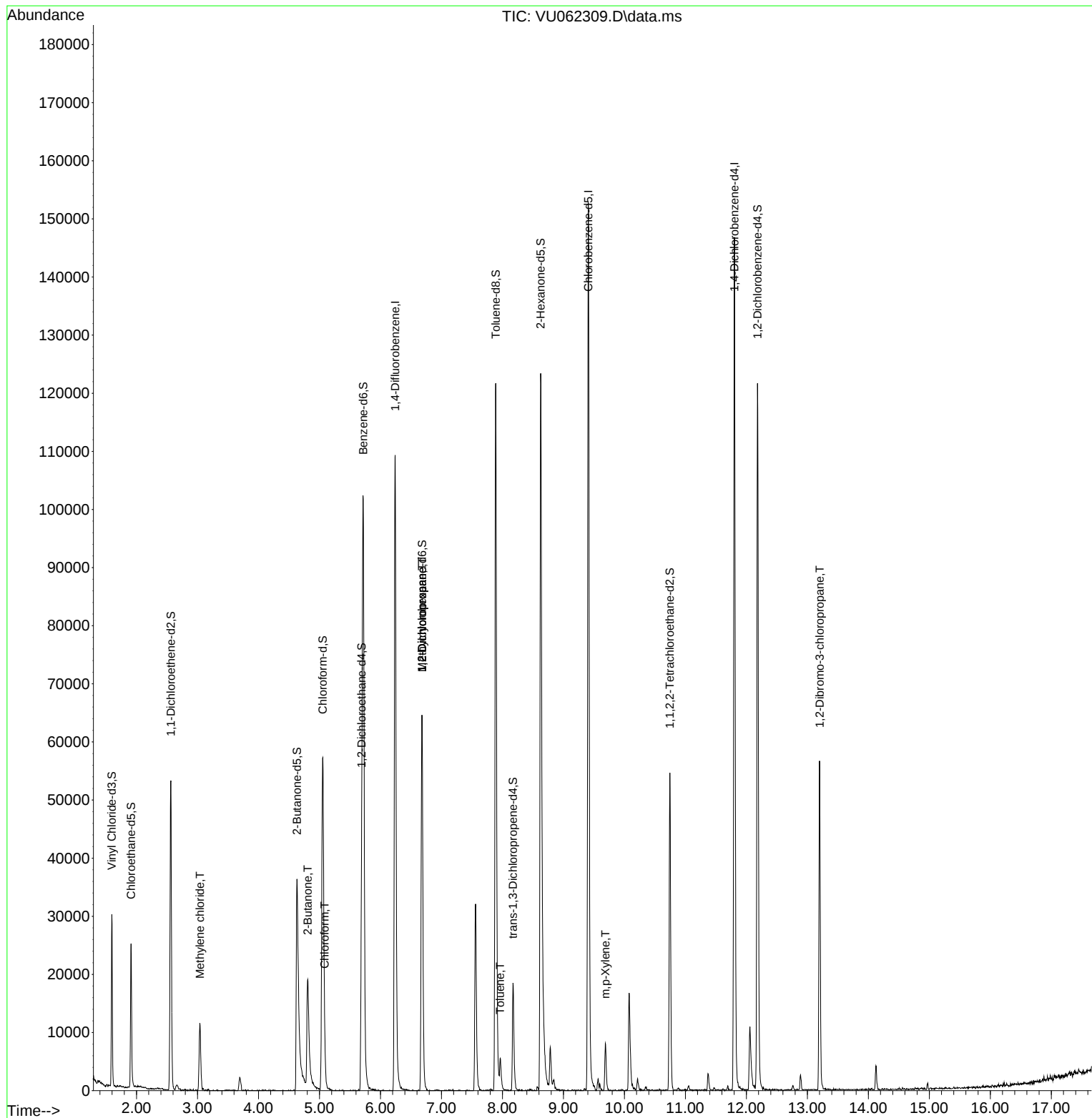
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19710	3.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.910	69	18389	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.563	65	10216	3.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.631	46	61313	50.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.540%
24) Chloroform-d	5.052	84	56597	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	30668	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.717	84	97758	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.682	67	31346	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.891	98	87429	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	12474	3.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	44669	45.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25731	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	35038	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	6043	0.904	ug/L	98
21) 2-Butanone	4.807	43	28706	23.804	ug/L #	45
25) Chloroform	5.084	83	5277	0.390	ug/L	92
35) Methylcyclohexane	6.682	83	7945	0.677	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3725	0.547	ug/L #	87
42) Toluene	7.962	91	4289	0.142	ug/L	93
53) m,p-Xylene	9.688	106	2453	0.197	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.203	75	213	0.253	ug/L #	9

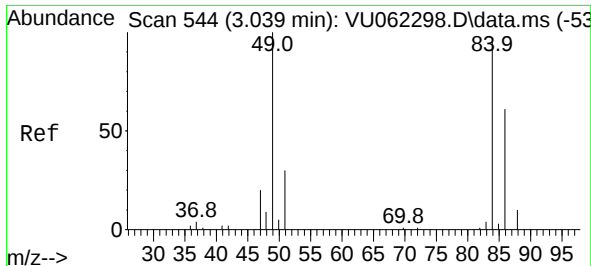
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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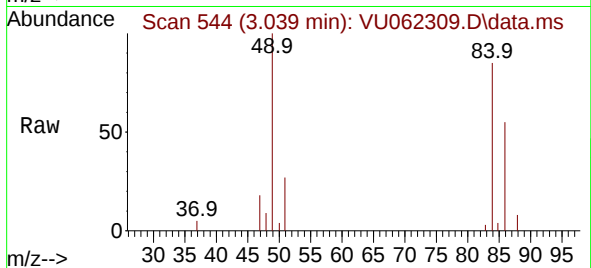
Quant Time: Dec 14 03:48:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
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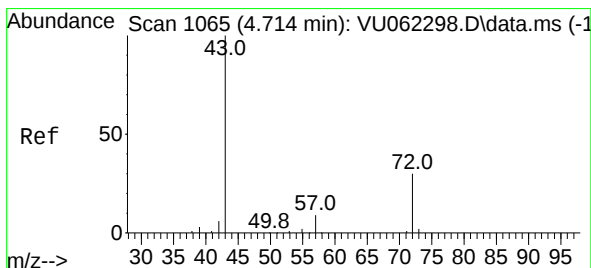
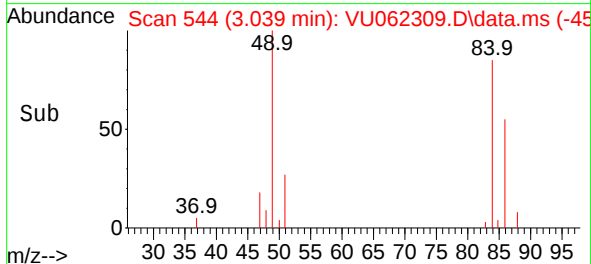
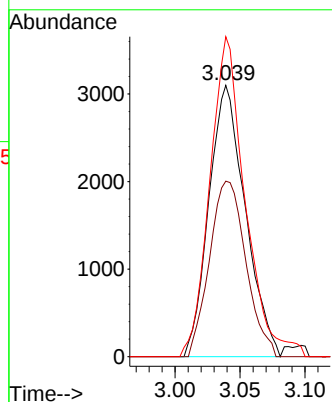


#16
Methylene chloride
Concen: 0.904 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

Instrument :
MSVOA_U
ClientSampleId :

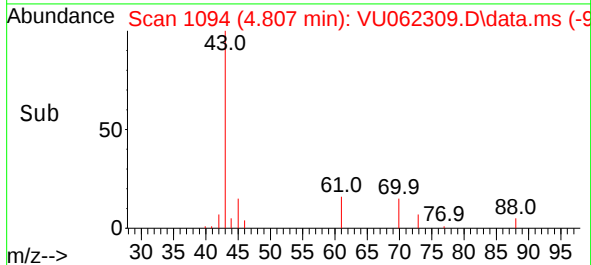
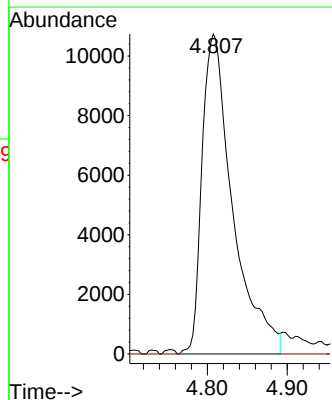
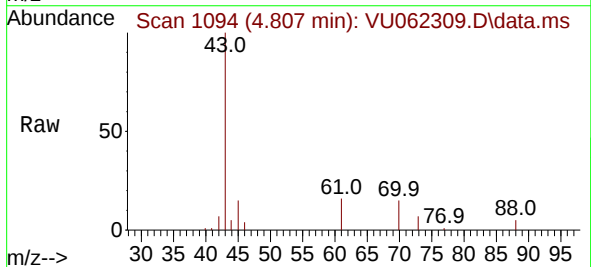


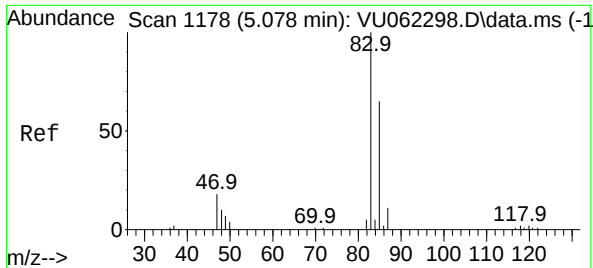
Tgt Ion: 84 Resp: 6043
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.7
49 117.9 81.9 152.1



#21
2-Butanone
Concen: 23.804 ug/L
RT: 4.807 min Scan# 1094
Delta R.T. 0.093 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

Tgt Ion: 43 Resp: 28706
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#

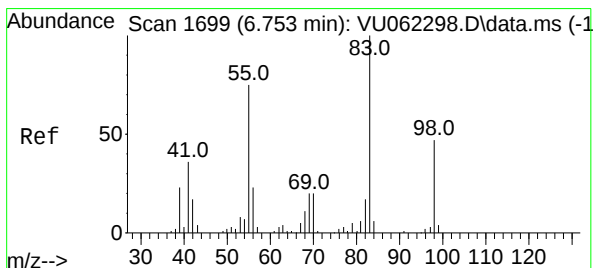
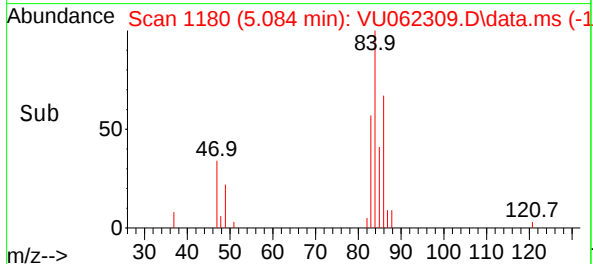
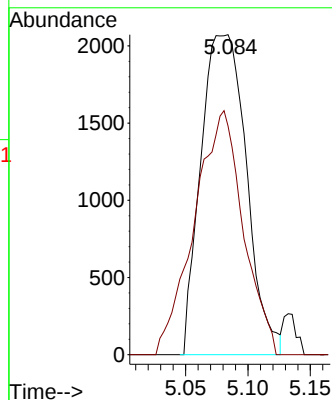
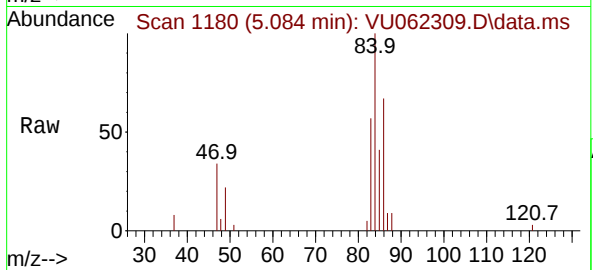




#25
Chloroform
Concen: 0.390 ug/L
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

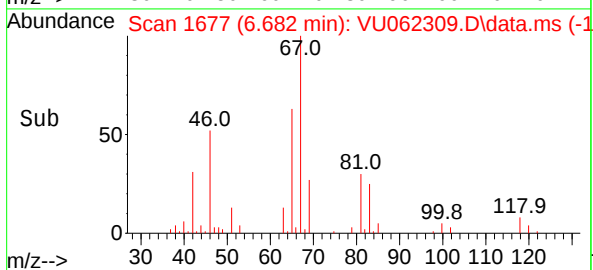
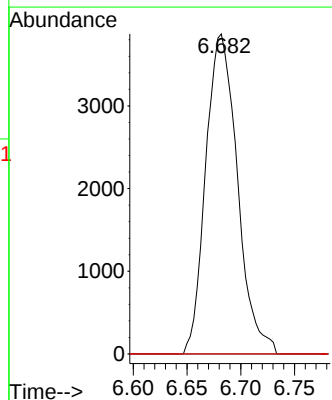
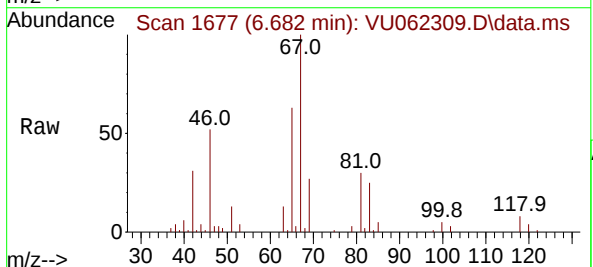
Instrument :
MSVOA_U
ClientSampleId :

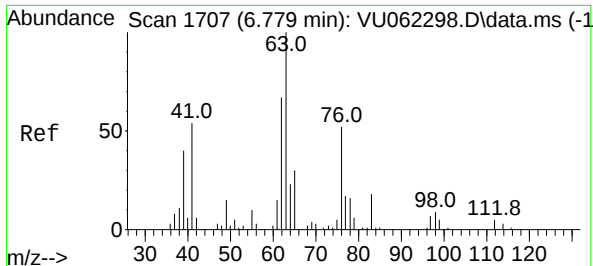
Tgt Ion: 83 Resp: 5277
Ion Ratio Lower Upper
83 100
85 71.4 45.4 84.2



#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

Tgt Ion: 83 Resp: 7945
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

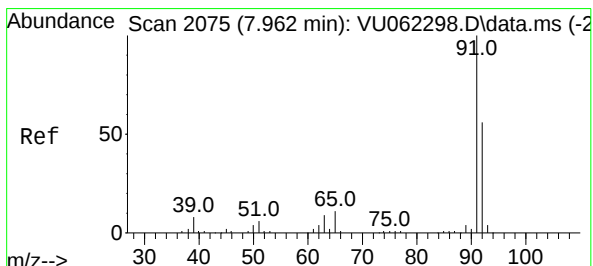
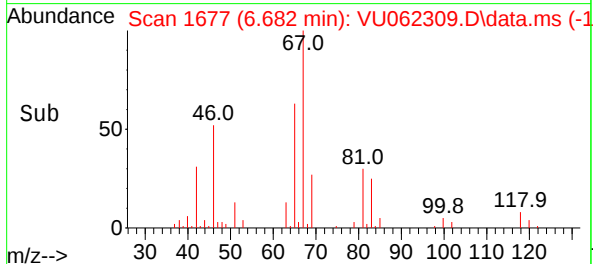
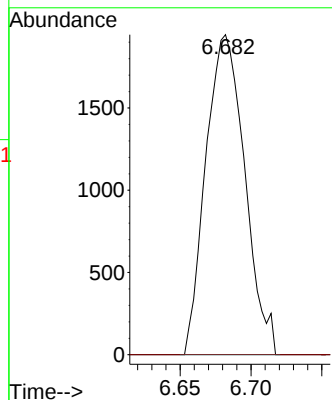
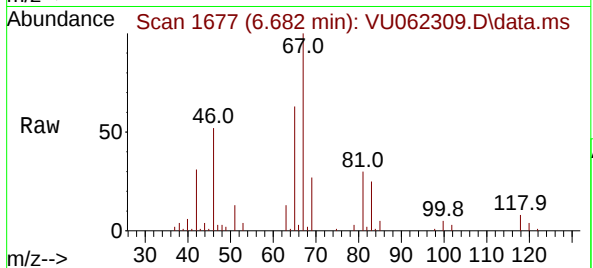




#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

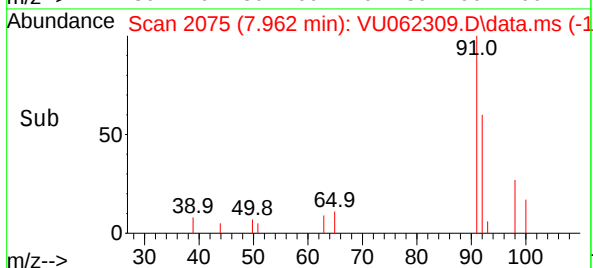
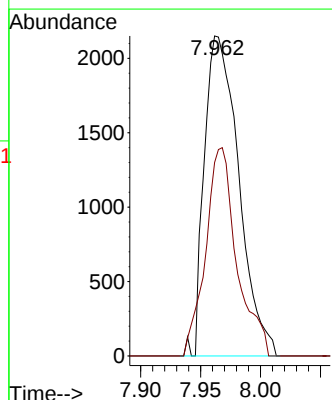
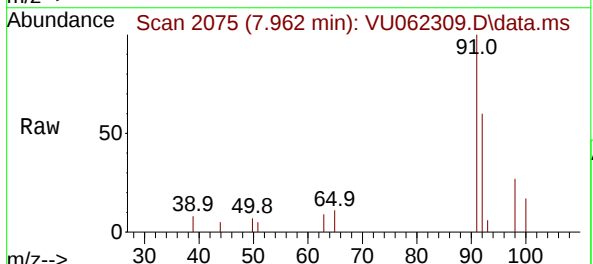
Instrument :
MSVOA_U
ClientSampleId :

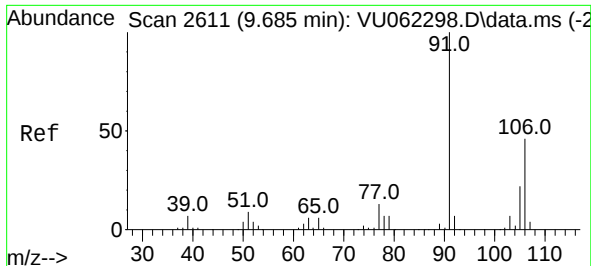
Tgt Ion: 63 Resp: 3725
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.142 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

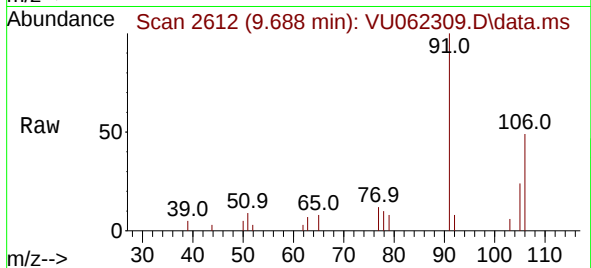
Tgt Ion: 91 Resp: 4289
Ion Ratio Lower Upper
91 100
92 60.5 39.0 72.4



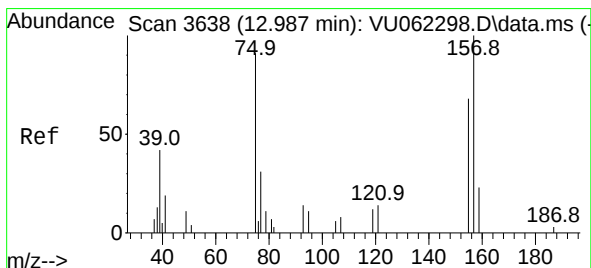
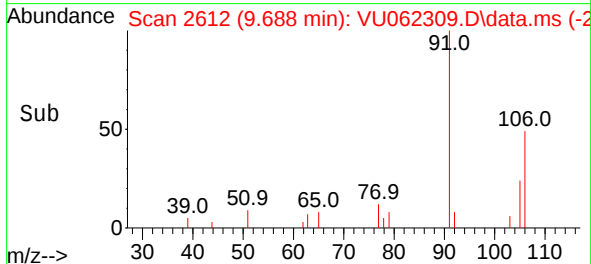
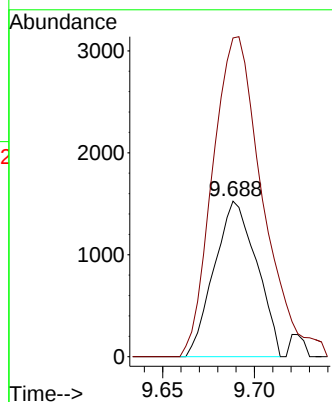


#53
m,p-Xylene
Concen: 0.197 ug/L
RT: 9.688 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:106 Resp: 2453
Ion Ratio Lower Upper
106 100
91 204.8 147.6 274.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.253 ug/L
RT: 13.203 min Scan# 3705
Delta R.T. 0.215 min
Lab File: VU062309.D
Acq: 13 Dec 2024 13:45

Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
155 0.0 55.2 82.8#
157 0.0 73.5 110.3#

