

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062344.D
 Acq On : 16 Dec 2024 15:12
 Operator : MD/SY
 Sample : P5228-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:34:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

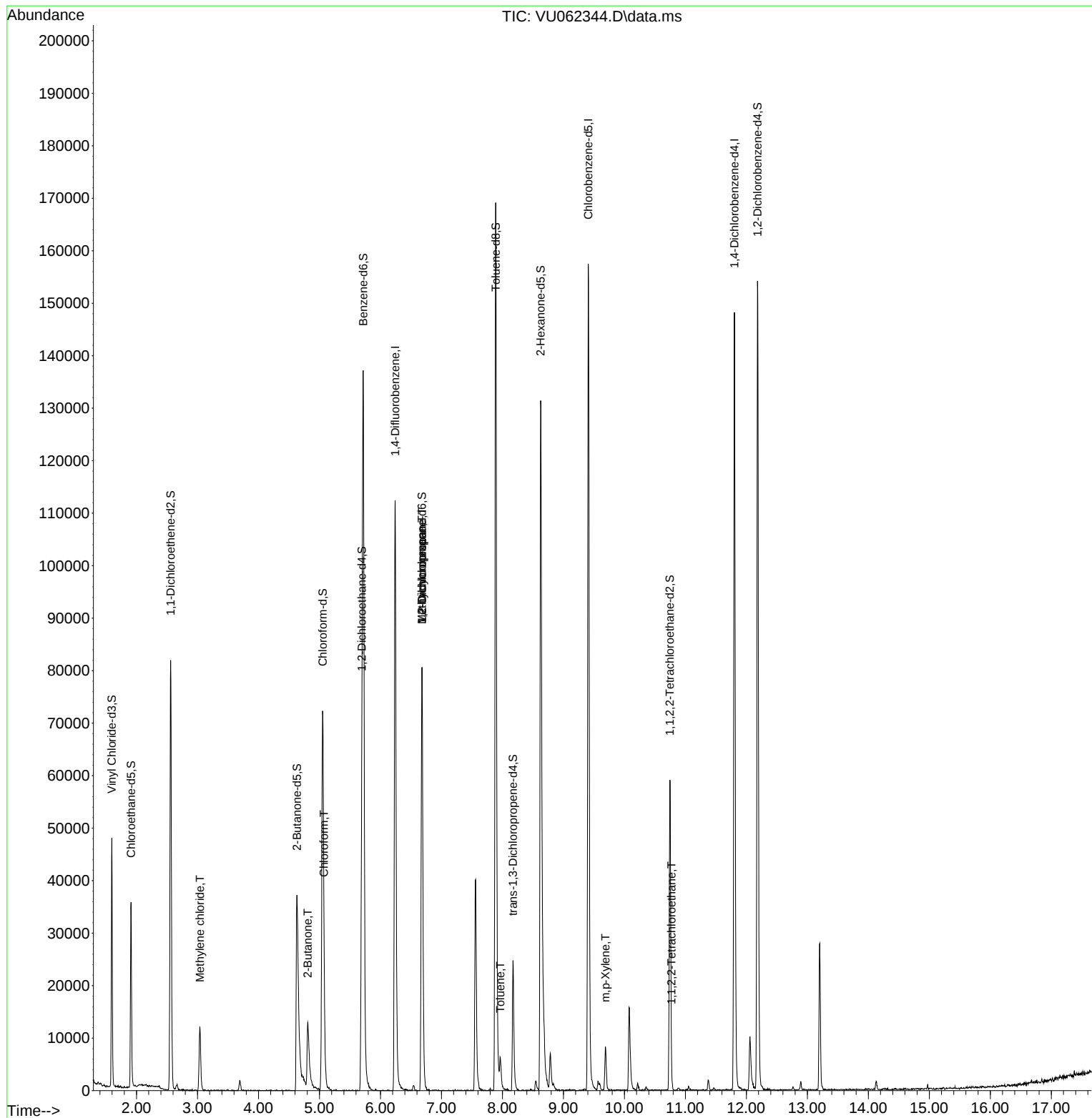
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	93381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32076	5.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 101.800%	
7) Chloroethane-d5	1.910	69	25341	5.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 113.200%	
11) 1,1-Dichloroethene-d2	2.560	65	15808	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.600%	
20) 2-Butanone-d5	4.631	46	58447	48.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 96.840%	
24) Chloroform-d	5.052	84	70729	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
26) 1,2-Dichloroethane-d4	5.695	65	38167	5.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 113.800%	
32) Benzene-d6	5.717	84	130526	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.000%	
36) 1,2-Dichloropropane-d6	6.679	67	37791	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 99.000%	
41) Toluene-d8	7.891	98	119052	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.600%	
43) trans-1,3-Dichloroprop...	8.174	79	16034	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 95.400%	
46) 2-Hexanone-d5	8.627	63	46551	45.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 91.900%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29160	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 98.200%	
66) 1,2-Dichlorobenzene-d4	12.183	152	42681	5.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	6211	0.938	ug/L	94
21) 2-Butanone	4.807	43	19549	16.378	ug/L #	45
25) Chloroform	5.074	83	6181	0.462	ug/L	95
35) Methylcyclohexane	6.679	83	10186	0.845	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4647	0.665	ug/L #	87
42) Toluene	7.965	91	5011	0.162	ug/L	96
53) m,p-Xylene	9.688	106	2804	0.219	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.772	83	714	0.116	ug/L #	92

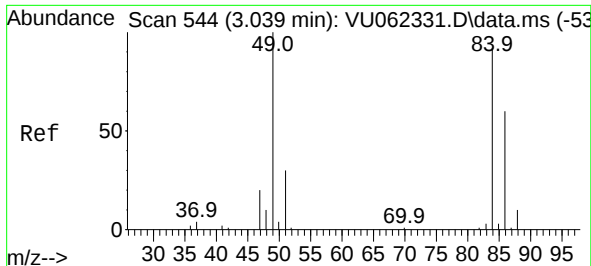
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.938 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

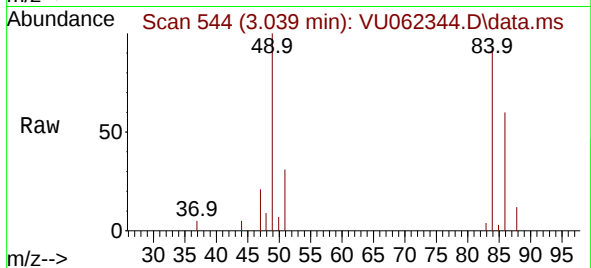
Lab File: VU062344.D

Acq: 16 Dec 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :



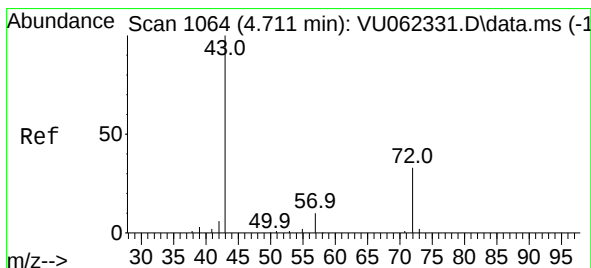
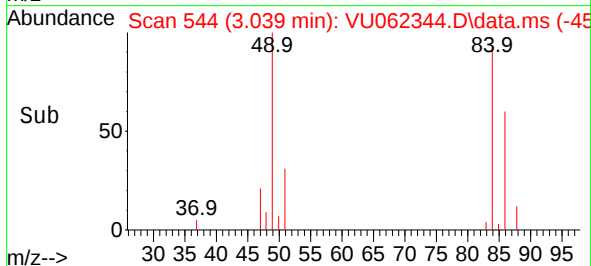
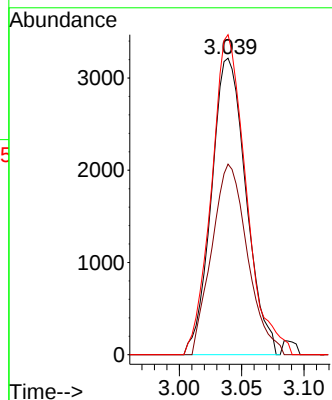
Tgt Ion: 84 Resp: 6211

Ion Ratio Lower Upper

84 100

86 64.3 43.5 80.7

49 107.9 81.9 152.1



#21

2-Butanone

Concen: 16.378 ug/L

RT: 4.807 min Scan# 1094

Delta R.T. 0.096 min

Lab File: VU062344.D

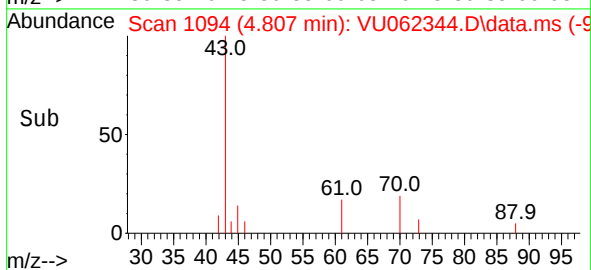
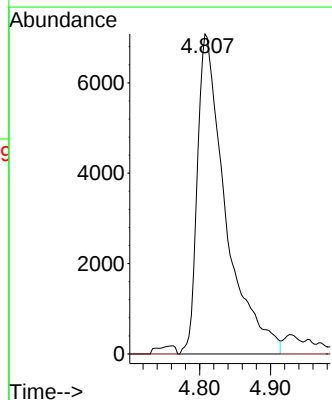
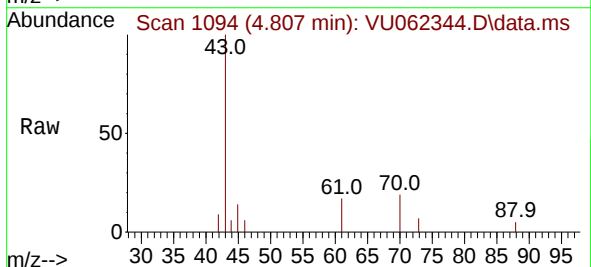
Acq: 16 Dec 2024 15:12

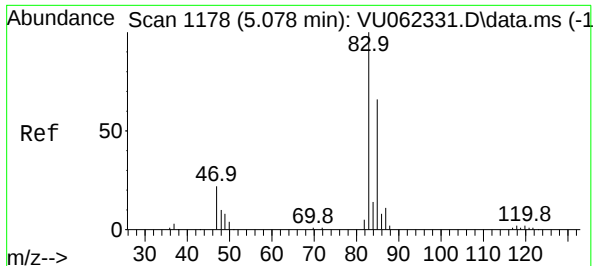
Tgt Ion: 43 Resp: 19549

Ion Ratio Lower Upper

43 100

72 0.0 14.8 44.4#





#25

Chloroform

Concen: 0.462 ug/L

RT: 5.074 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062344.D

Acq: 16 Dec 2024 15:12

Instrument :

MSVOA_U

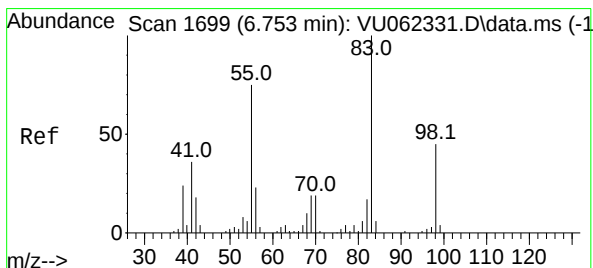
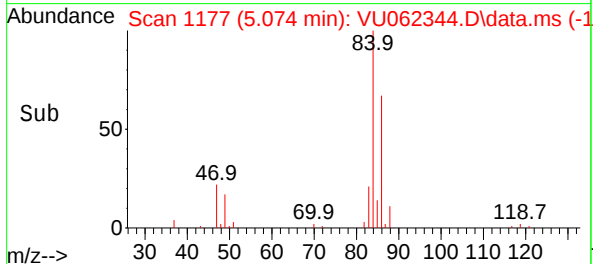
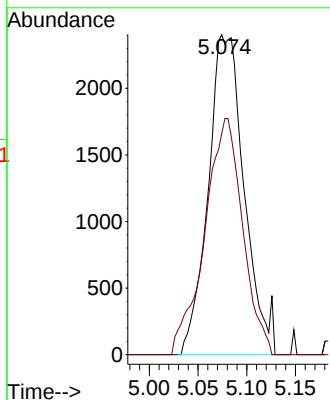
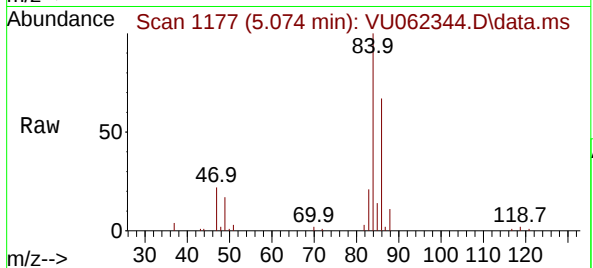
ClientSampleId :

Tgt Ion: 83 Resp: 6181

Ion Ratio Lower Upper

83 100

85 69.1 45.4 84.2



#35

Methylcyclohexane

Concen: 0.845 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062344.D

Acq: 16 Dec 2024 15:12

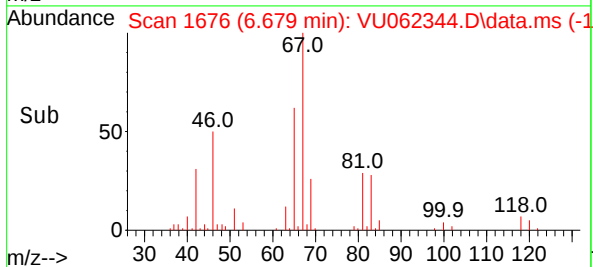
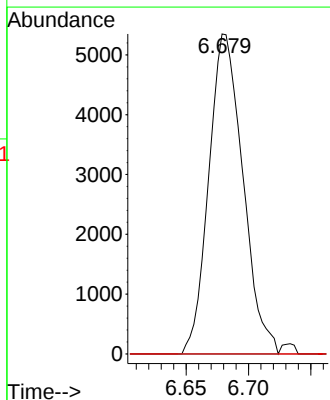
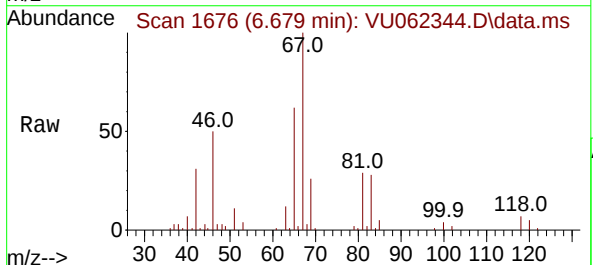
Tgt Ion: 83 Resp: 10186

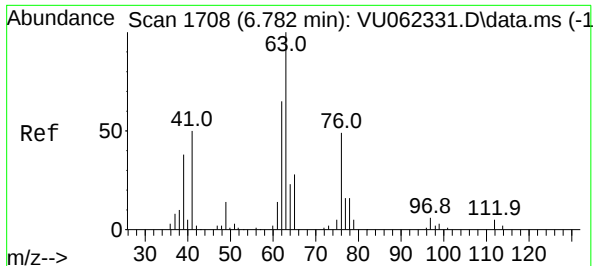
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

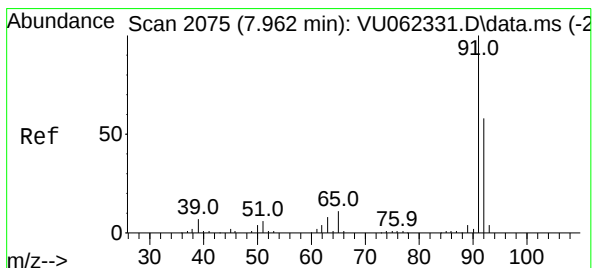
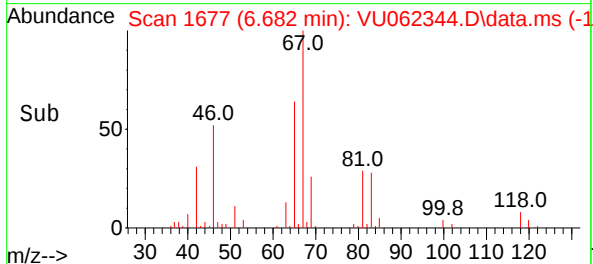
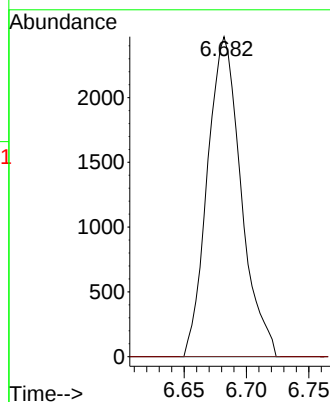
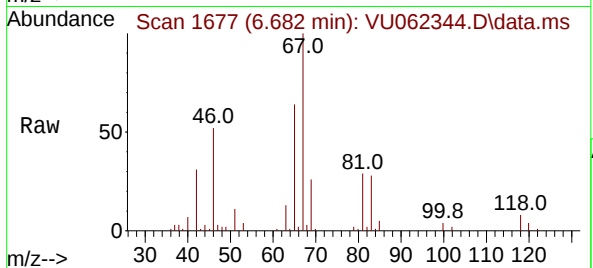




#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062344.D
Acq: 16 Dec 2024 15:12

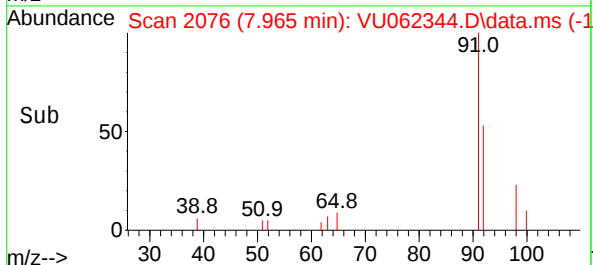
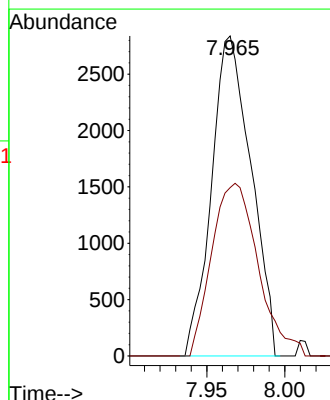
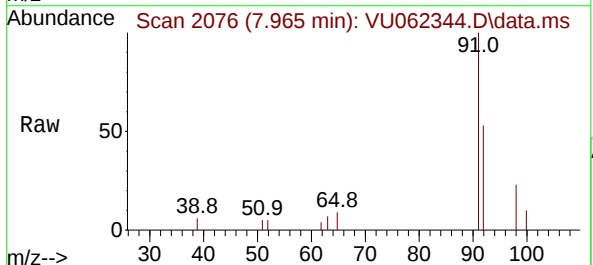
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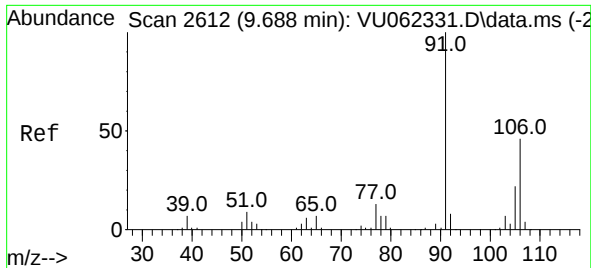
Tgt Ion: 63 Resp: 4647
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.162 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062344.D
Acq: 16 Dec 2024 15:12

Tgt Ion: 91 Resp: 5011
Ion Ratio Lower Upper
91 100
92 52.6 39.0 72.4

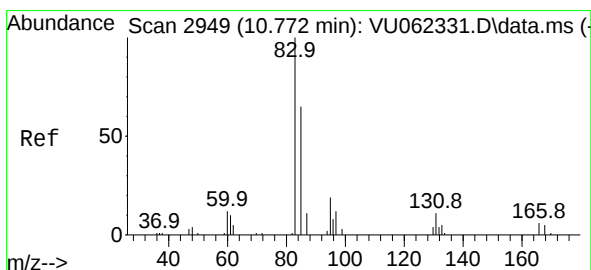
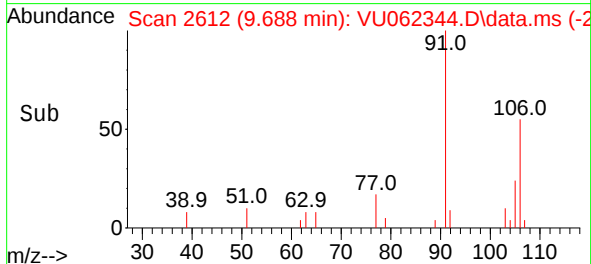
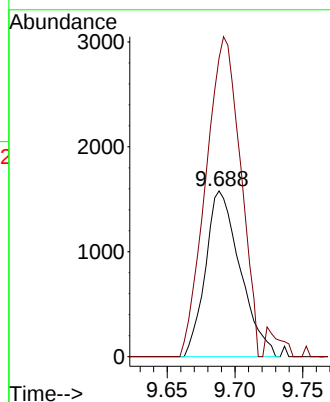
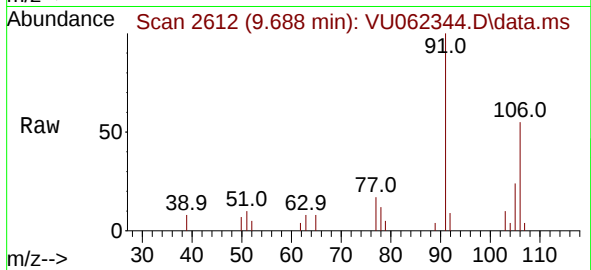




#53
m,p-Xylene
Concen: 0.219 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU062344.D
Acq: 16 Dec 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2804
Ion Ratio Lower Upper
106 100
91 180.3 147.6 274.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.116 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062344.D
Acq: 16 Dec 2024 15:12

Tgt Ion: 83 Resp: 714
Ion Ratio Lower Upper
83 100
85 59.0 44.4 82.4
131 0.0 7.3 10.9#

