

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062306.D
 Acq On : 13 Dec 2024 12:32
 Operator : MD/SY
 Sample : P5228-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:48:14 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)

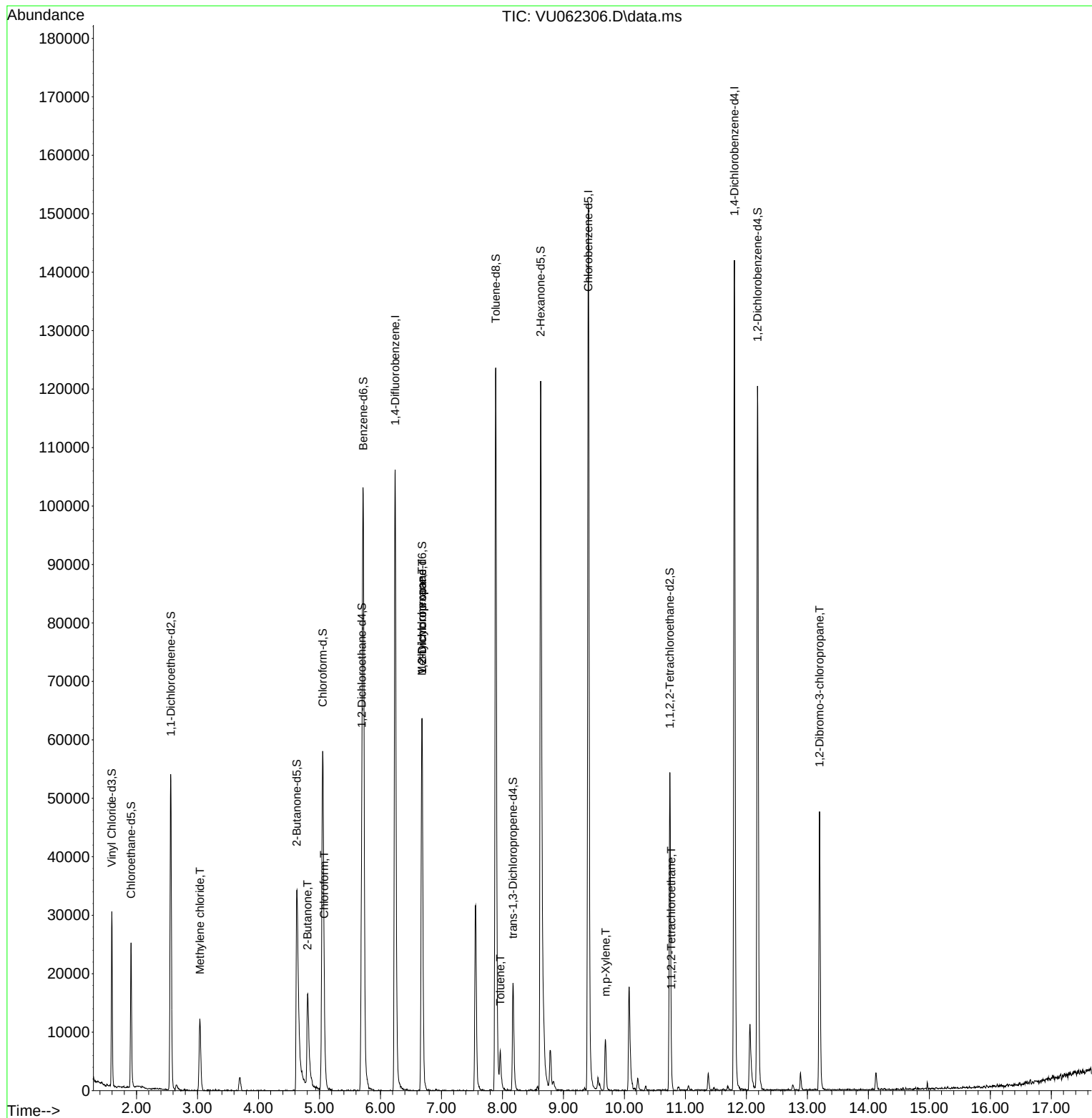
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20565	3.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.911	69	18429	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.563	65	10410	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.628	46	59841	50.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	5.055	84	57425	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	30103	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.718	84	100260	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	31074	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	88614	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.174	79	12565	3.947	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.627	63	43326	45.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25497	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	34399	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	6559	1.007	ug/L	91
21) 2-Butanone	4.804	43	24100	20.522	ug/L #	45
25) Chloroform	5.078	83	5998	0.456	ug/L	94
35) Methylcyclohexane	6.679	83	8126	0.711	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3571	0.539	ug/L #	87
42) Toluene	7.965	91	5408	0.184	ug/L	89
53) m,p-Xylene	9.692	106	3014	0.248	ug/L	76
57) 1,1,2,2-Tetrachloroethane	10.769	83	756	0.130	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	13.200	75	255	0.323	ug/L #	9

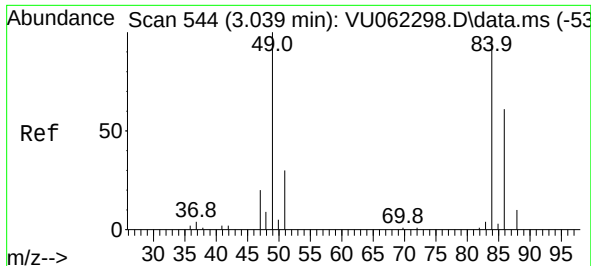
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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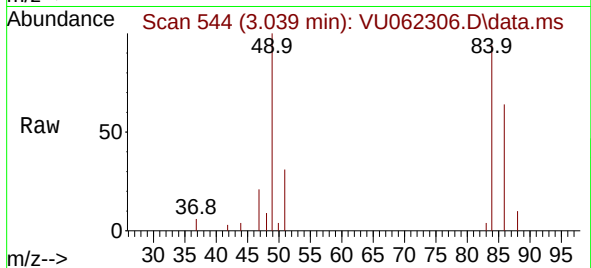
Quant Time: Dec 14 03:48:14 2024
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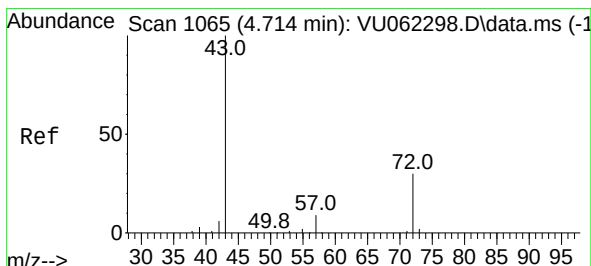
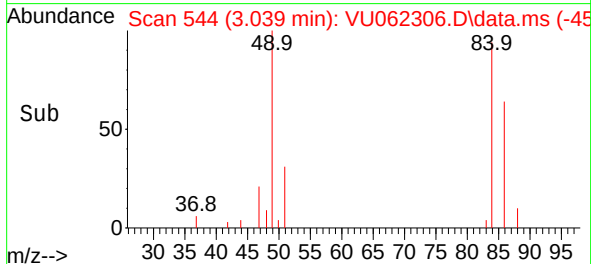
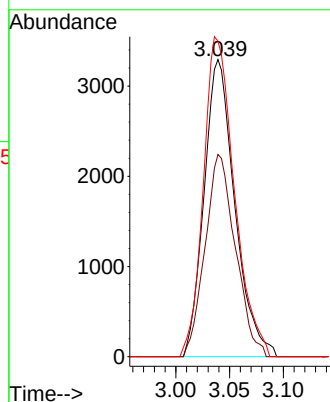


#16
Methylene chloride
Concen: 1.007 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

Instrument :
MSVOA_U
ClientSampleId :

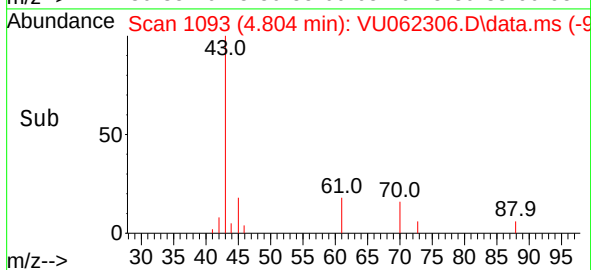
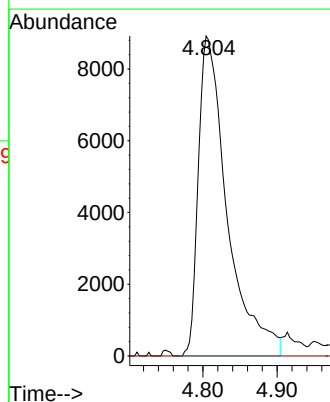
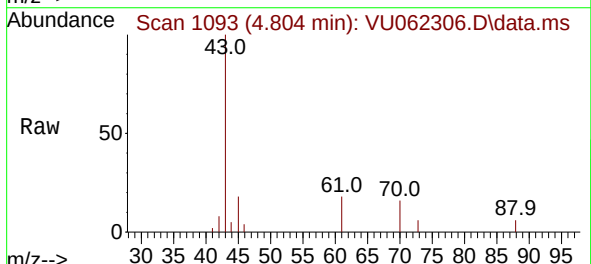


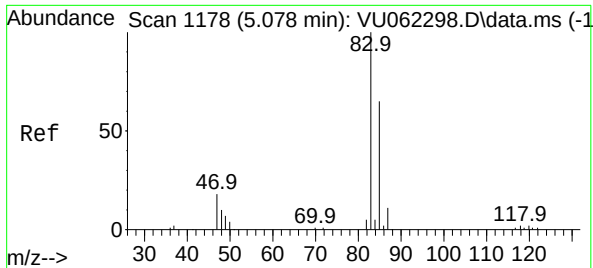
Tgt Ion: 84 Resp: 6559
Ion Ratio Lower Upper
84 100
86 68.0 43.5 80.7
49 106.2 81.9 152.1



#21
2-Butanone
Concen: 20.522 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.090 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

Tgt Ion: 43 Resp: 24100
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#





#25

Chloroform

Concen: 0.456 ug/L

RT: 5.078 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062306.D

Acq: 13 Dec 2024 12:32

Instrument :

MSVOA_U

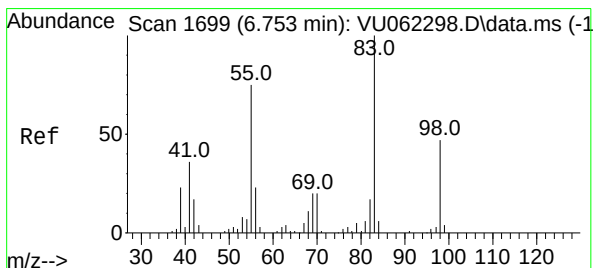
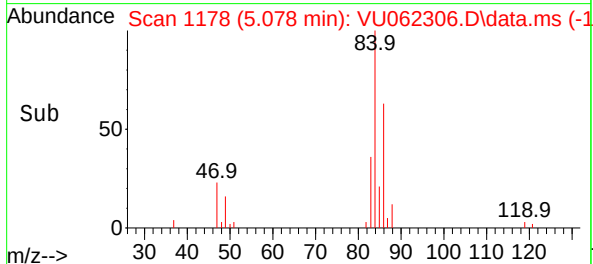
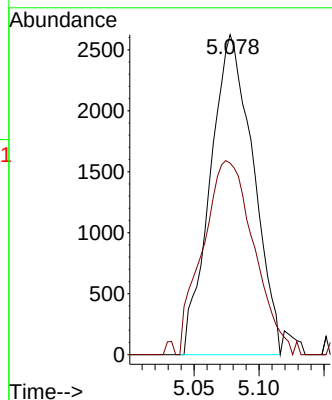
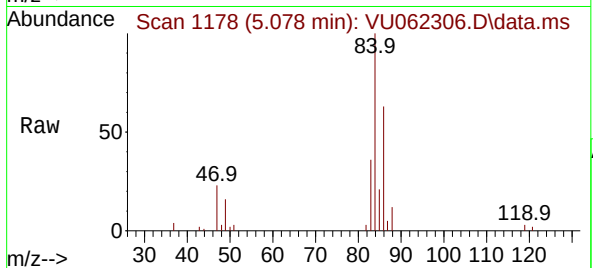
ClientSampleId :

Tgt Ion: 83 Resp: 5998

Ion Ratio Lower Upper

83 100

85 59.8 45.4 84.2



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062306.D

Acq: 13 Dec 2024 12:32

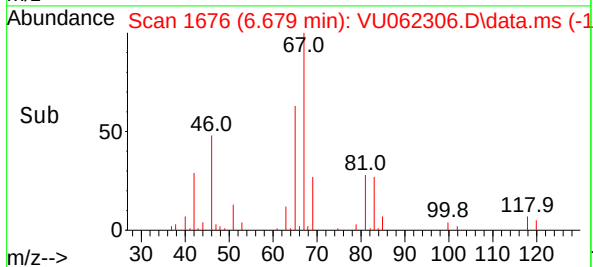
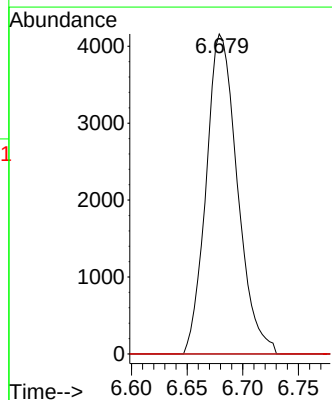
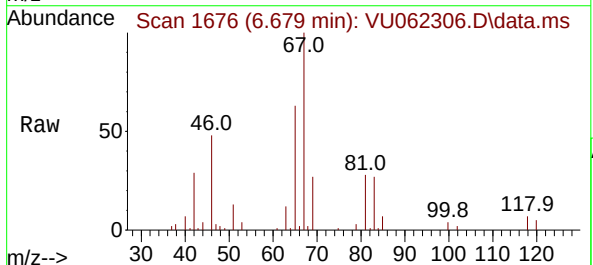
Tgt Ion: 83 Resp: 8126

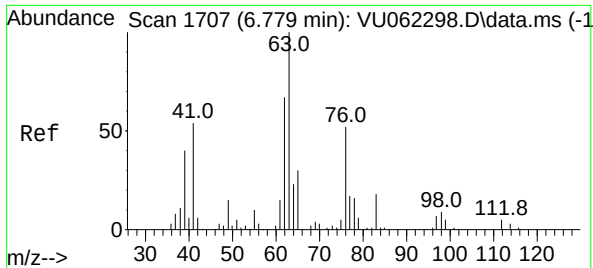
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

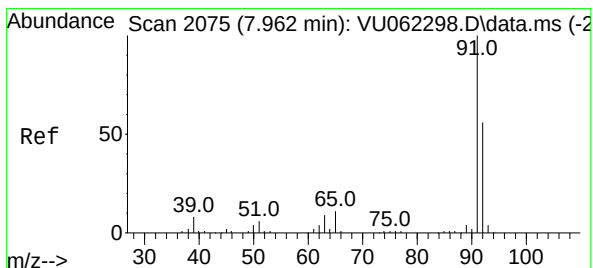
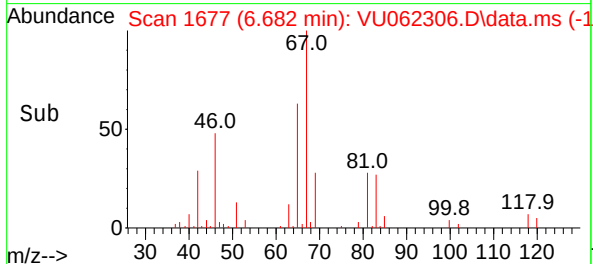
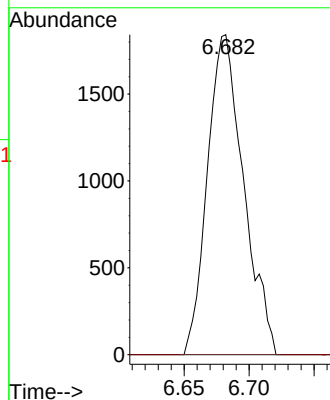
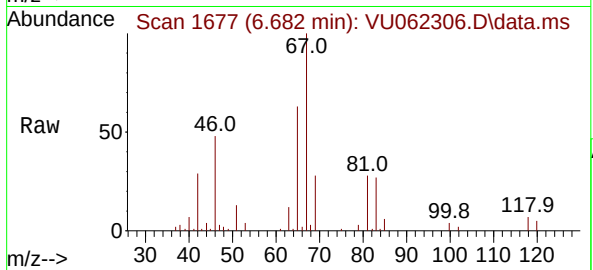




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

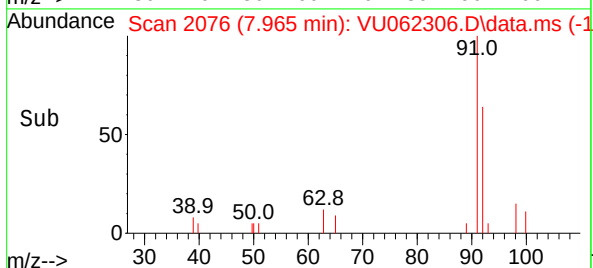
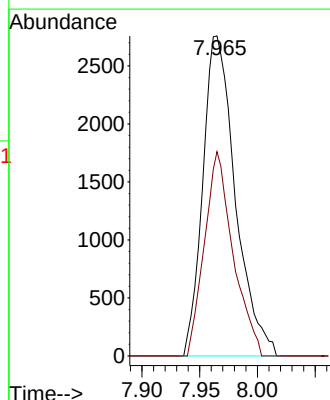
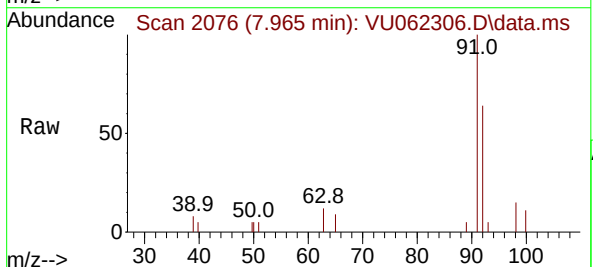
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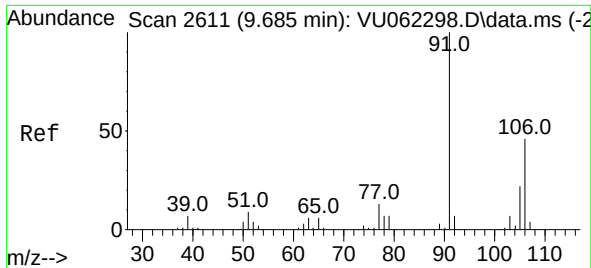
Tgt Ion: 63 Resp: 3571
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.184 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

Tgt Ion: 91 Resp: 5408
Ion Ratio Lower Upper
91 100
92 63.9 39.0 72.4

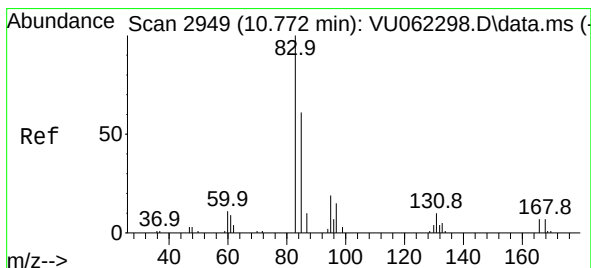
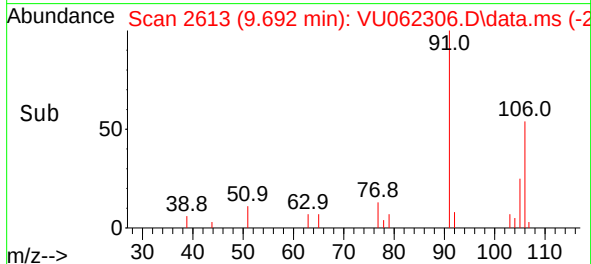
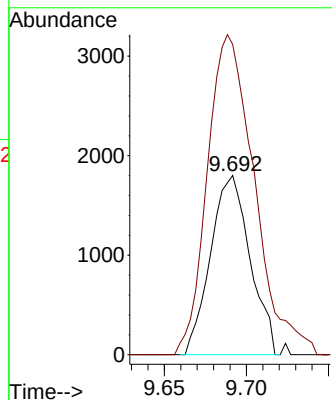
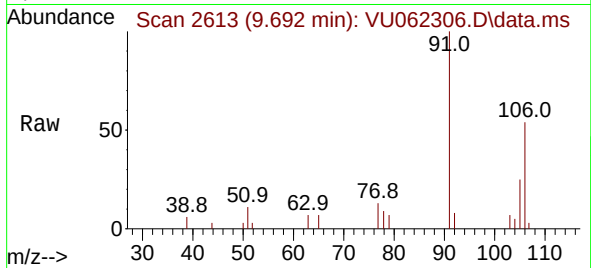




#53
m,p-Xylene
Concen: 0.248 ug/L
RT: 9.692 min Scan# 206
Delta R.T. 0.006 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

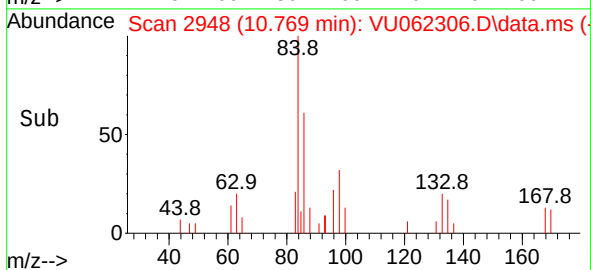
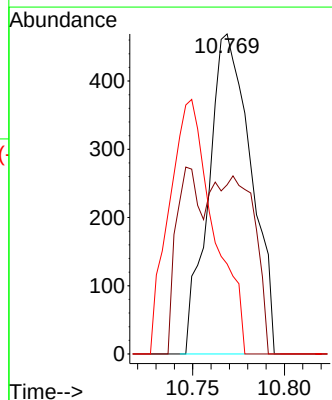
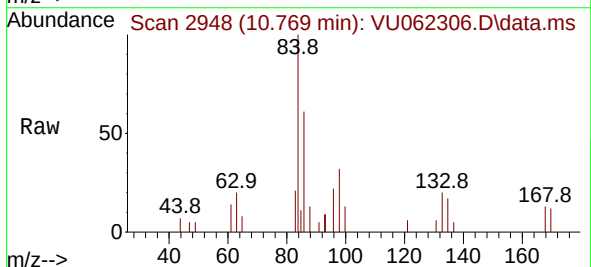
Instrument :
MSVOA_U
ClientSampleId :

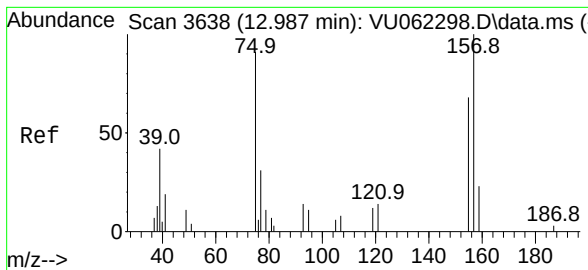
Tgt Ion:106 Resp: 3014
Ion Ratio Lower Upper
106 100
91 173.0 147.6 274.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.130 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

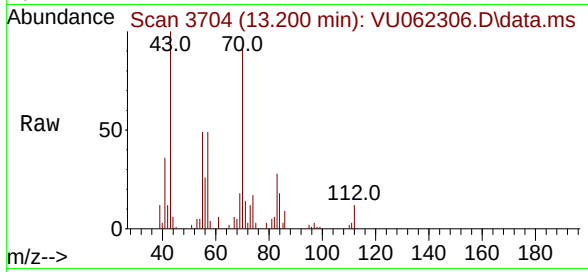
Tgt Ion: 83 Resp: 756
Ion Ratio Lower Upper
83 100
85 52.9 44.4 82.4
131 28.1 7.3 10.9#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.323 ug/L
RT: 13.200 min Scan# 31
Delta R.T. 0.212 min
Lab File: VU062306.D
Acq: 13 Dec 2024 12:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 255
Ion Ratio Lower Upper
75 100
155 0.0 55.2 82.8#
157 0.0 73.5 110.3#

