

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061704.D
 Acq On : 15 Nov 2024 05:10
 Operator : MD/SY
 Sample : P4804-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:23:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

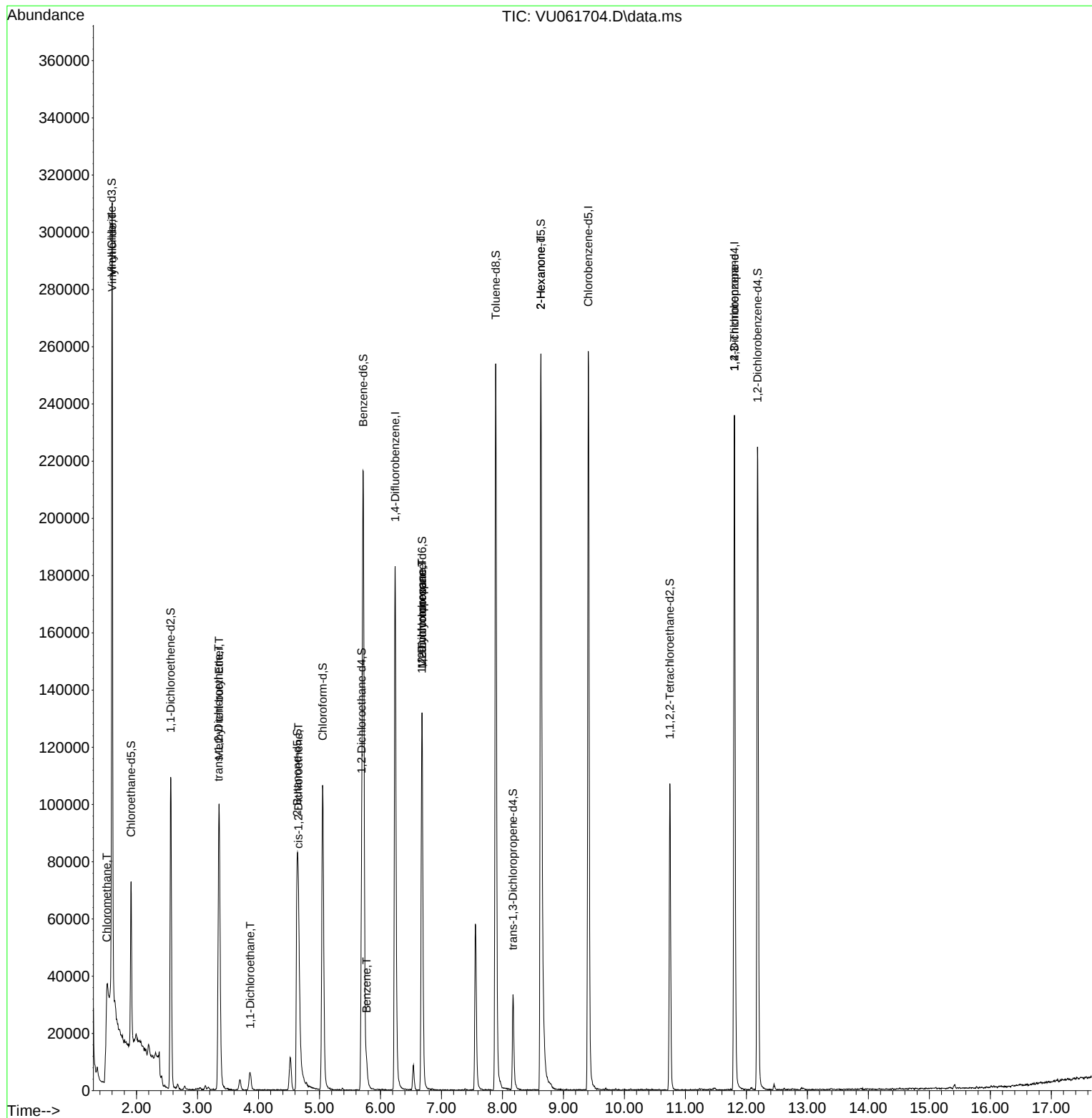
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	150896	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46929	4.495	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.911	69	42701	4.791	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.560	65	20677	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.634	46	126514	57.088	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.180%	
24) Chloroform-d	5.052	84	103253	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.692	65	54815	5.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.718	84	213322	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.682	67	65663	5.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.891	98	185131	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20828	4.593	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.631	63	106653	59.513	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.020%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54108	5.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.184	152	63529	5.246	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1847	0.170	ug/L #	63
5) Vinyl chloride	1.602	62	148521	12.352	ug/L #	76
17) Methyl tert-butyl Ether	3.354	73	85267	3.566	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	13308	1.244	ug/L	97
19) 1,1-Dichloroethane	3.866	63	7117	0.365	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	15453	1.281	ug/L	96
33) Benzene	5.772	78	6772	0.148	ug/L	100
35) Methylcyclohexane	6.682	83	15464	0.832	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	6617	0.571	ug/L #	89
48) 2-Hexanone	8.631	43	16265	4.095	ug/L #	68
61) 1,2,3-Trichloropropane	11.804	75	7932	1.238	ug/L #	65

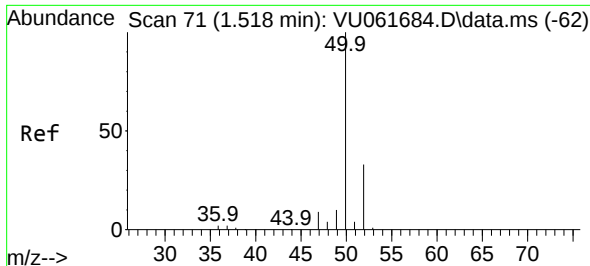
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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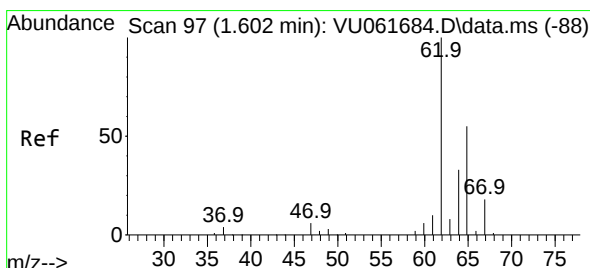
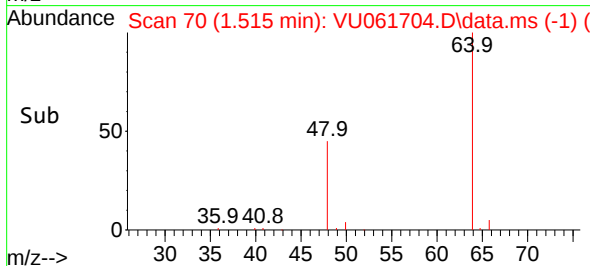
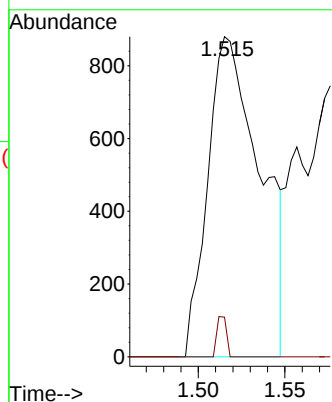
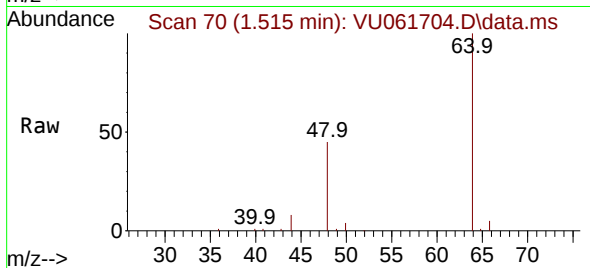
#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Instrument :

MSVOA_U

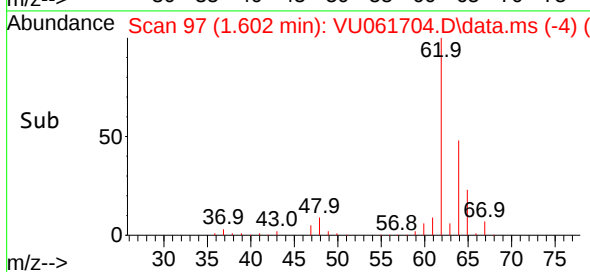
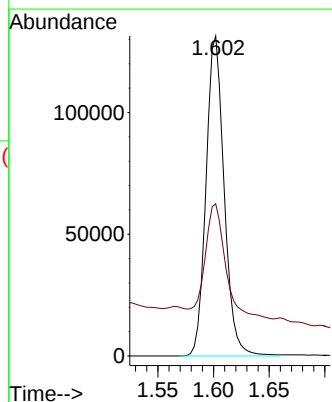
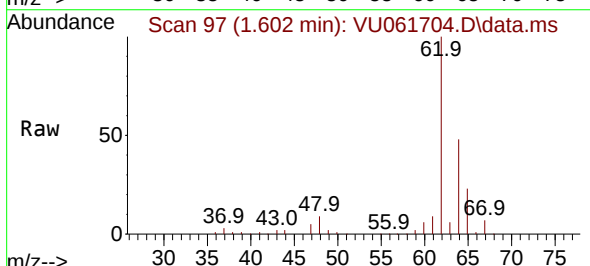
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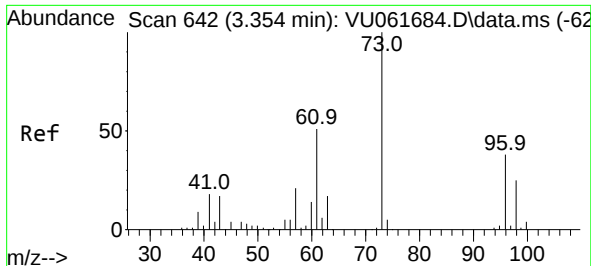
Tgt Ion: 50 Resp: 1847
Ion Ratio Lower Upper
50 100
52 12.4 23.2 43.2#



#5
Vinyl chloride
Concen: 12.352 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Tgt Ion: 62 Resp: 148521
Ion Ratio Lower Upper
62 100
64 47.6 23.7 44.1#

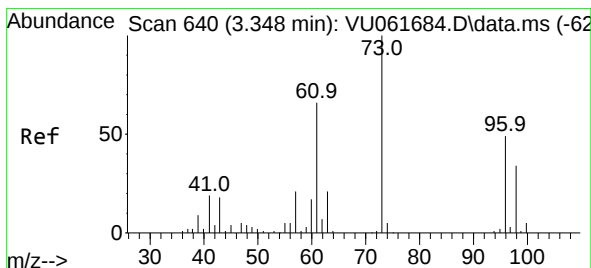
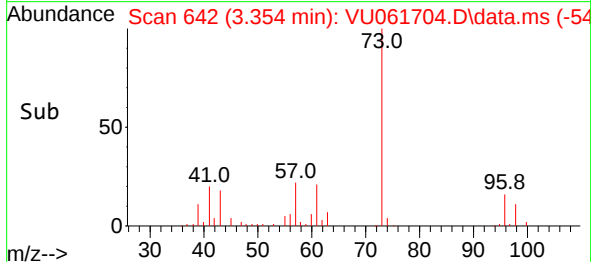
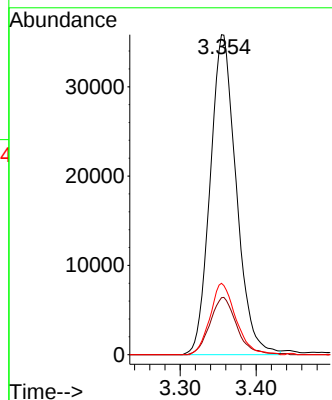
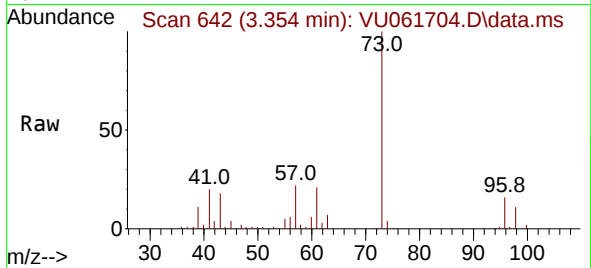




#17
Methyl tert-butyl Ether
Concen: 3.566 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

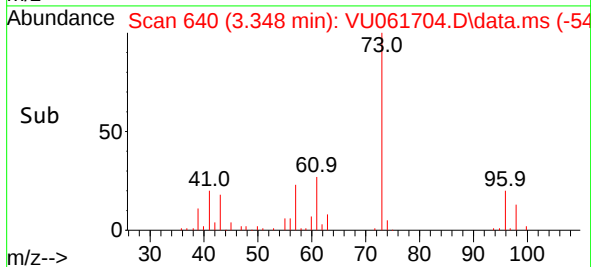
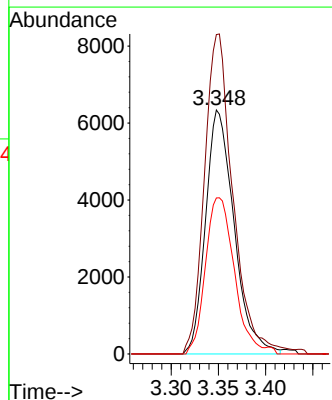
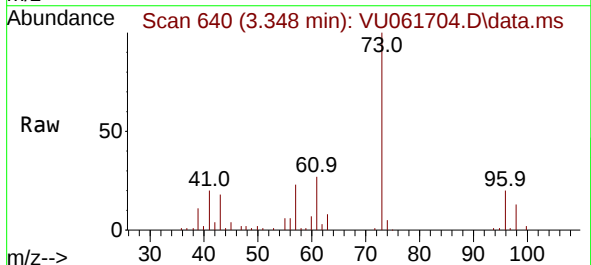
Instrument :
MSVOA_U
ClientSampleId :

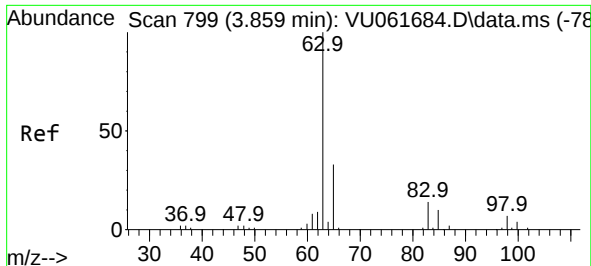
Tgt Ion: 73 Resp: 85267
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 22.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 1.244 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Tgt Ion: 96 Resp: 13308
Ion Ratio Lower Upper
96 100
61 130.8 94.1 174.8
98 63.9 43.2 80.2

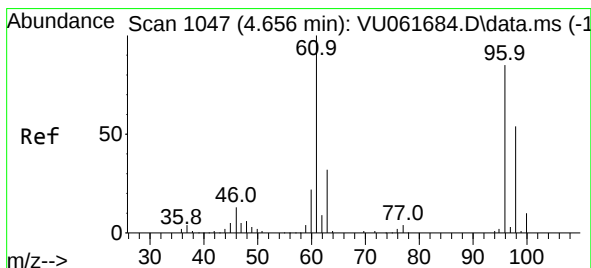
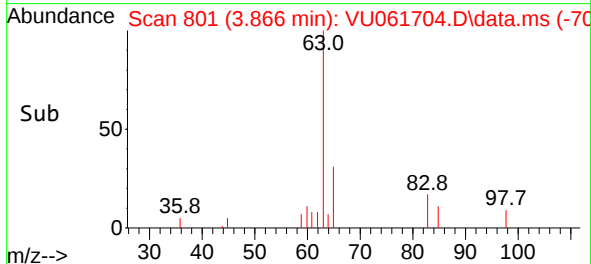
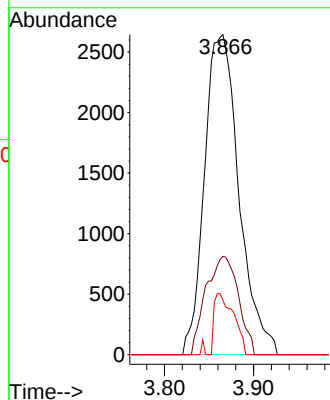
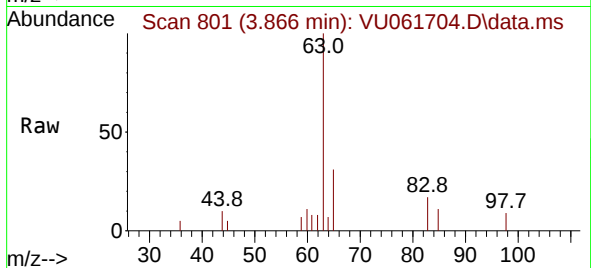




#19
1,1-Dichloroethane
Concen: 0.365 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

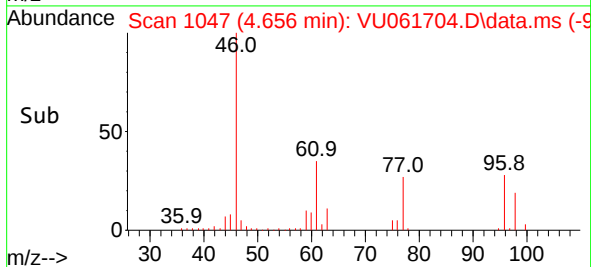
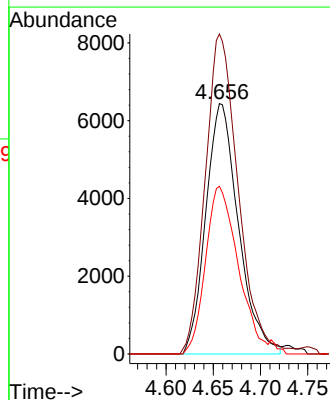
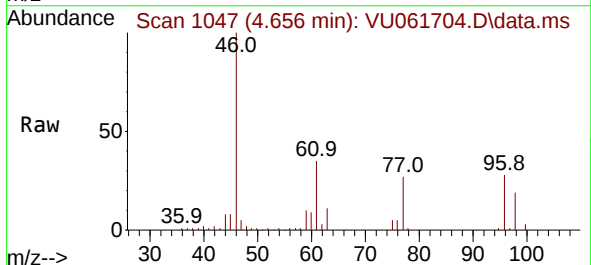
Instrument :
MSVOA_U
ClientSampleId :

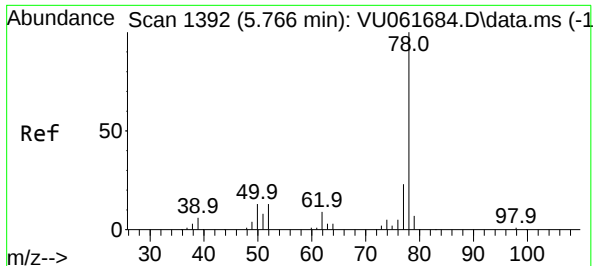
Tgt Ion: 63 Resp: 7117
Ion Ratio Lower Upper
63 100
65 30.7 23.4 43.4
83 17.0 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 1.281 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Tgt Ion: 96 Resp: 15453
Ion Ratio Lower Upper
96 100
61 127.8 85.6 159.0
98 67.0 45.6 84.8

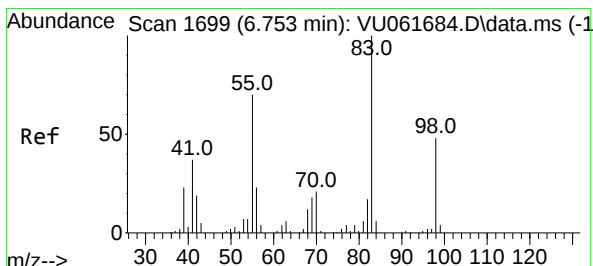
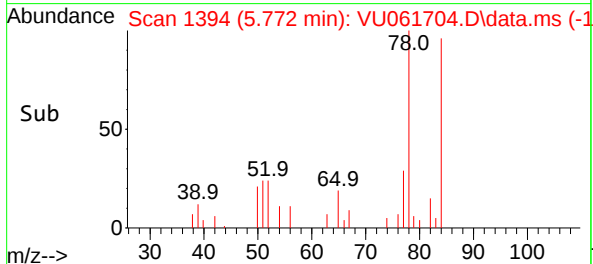
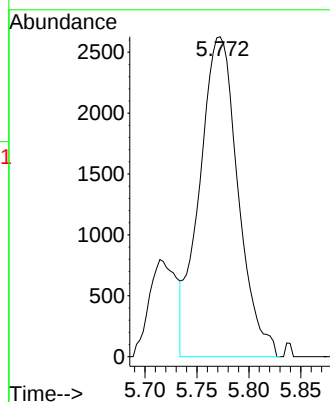
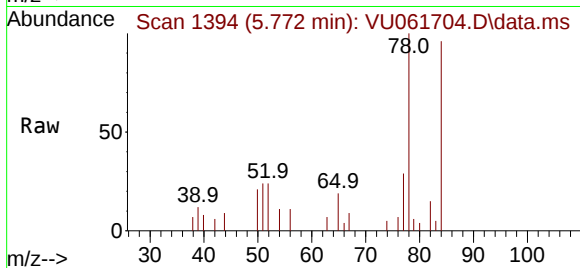




#33
Benzene
Concen: 0.148 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

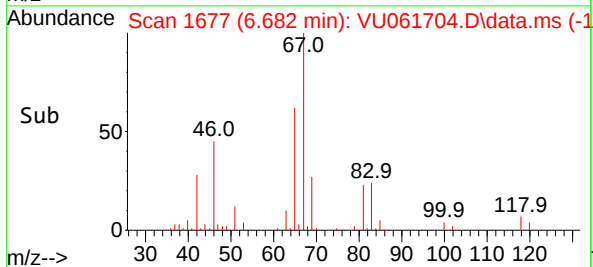
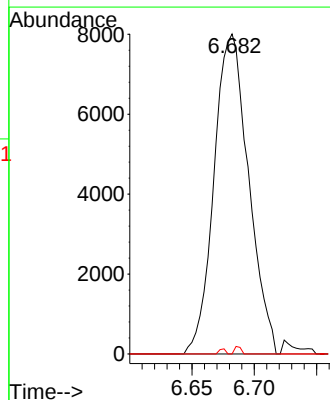
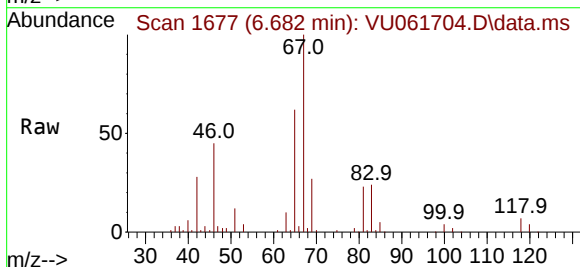
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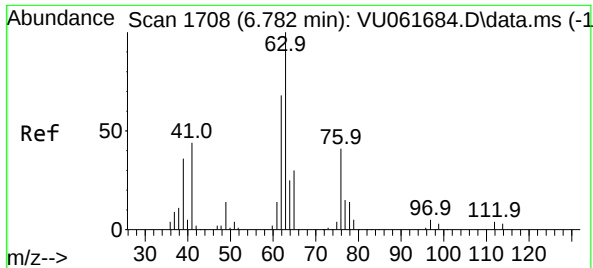
Tgt Ion: 78 Resp: 6772



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Tgt Ion: 83 Resp: 15464
Ion Ratio Lower Upper
83 100
55 0.0 56.4 84.6#
98 0.4 37.7 56.5#

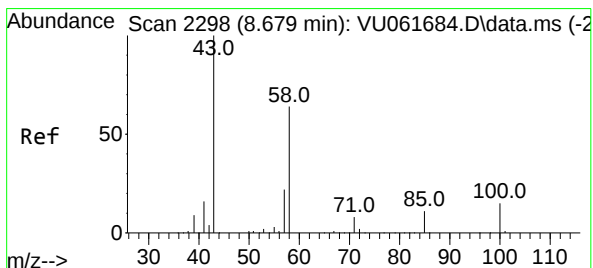
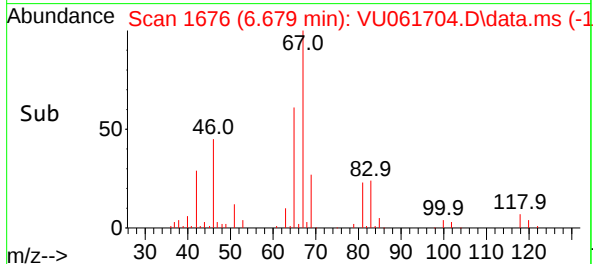
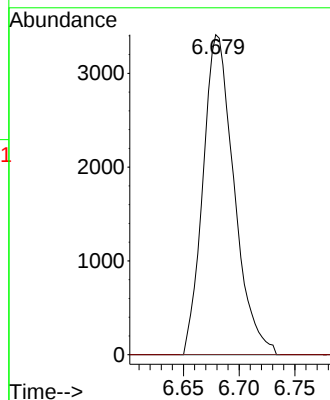
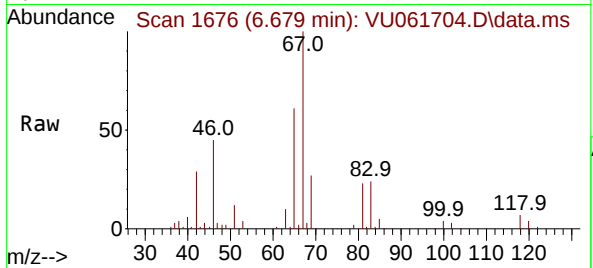




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

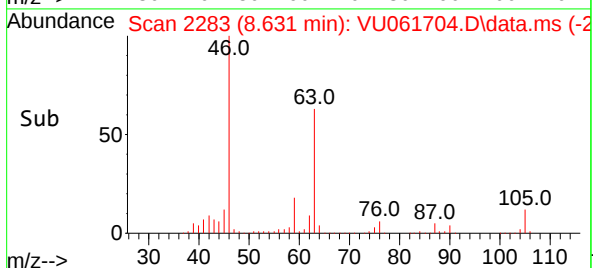
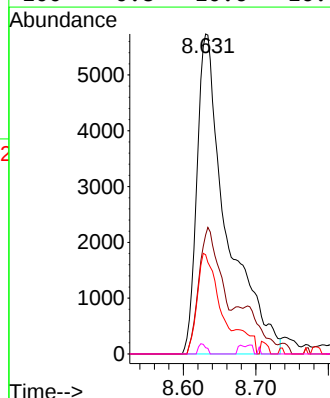
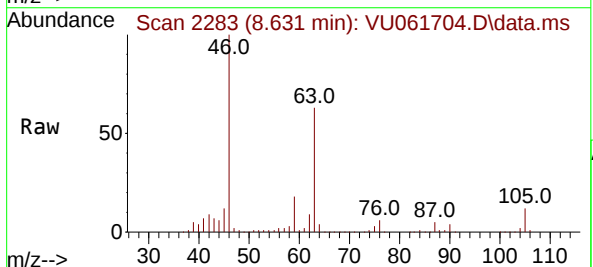
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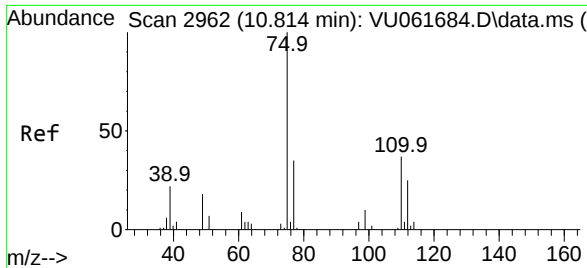
Tgt Ion: 63 Resp: 6617
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 4.095 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

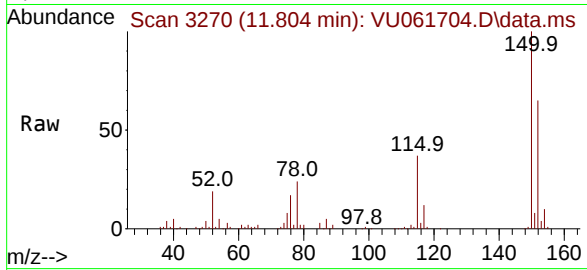
Tgt Ion: 43 Resp: 16265
Ion Ratio Lower Upper
43 100
58 30.0 49.4 74.2#
57 22.8 16.3 24.5
100 0.8 10.6 16.0#





#61
1,2,3-Trichloropropane
Concen: 1.238 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061704.D
Acq: 15 Nov 2024 05:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7932
Ion Ratio Lower Upper
75 100
110 2.5 31.3 46.9#
77 29.7 26.0 39.0

