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 Data File : VU047450.D
 Acq On : 10 Mar 2022 10:46
 Operator : SY/MD
 Sample : N1857-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

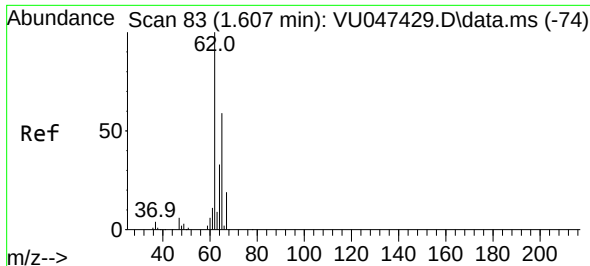
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL8

Quant Time: Mar 11 00:18:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	152724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	145852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37677	4.549	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.919	69	28598	4.703	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.571	65	17181	4.696	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.649	46	67122	45.515	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.040%	
24) Chloroform-d	5.067	84	62218	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.706	65	31474	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.732	84	132950	4.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.694	67	39681	4.889	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.899	98	122549	4.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13807	4.007	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.639	63	65108	42.891	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32011	4.526	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	47632	4.938	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3073	0.274	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	510	0.056	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	2352	0.245	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	6449	0.606	ug/L	94
33) Benzene	5.780	78	11542	0.293	ug/L	100
35) Methylcyclohexane	6.694	83	9187	0.553	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4035	0.411	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8020	1.138	ug/L #	67

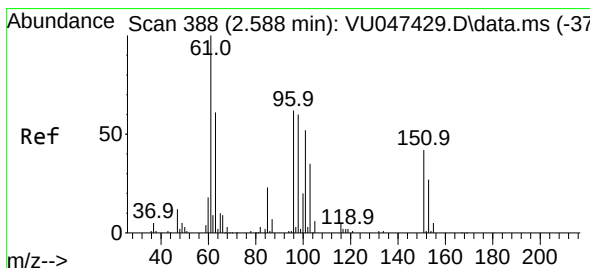
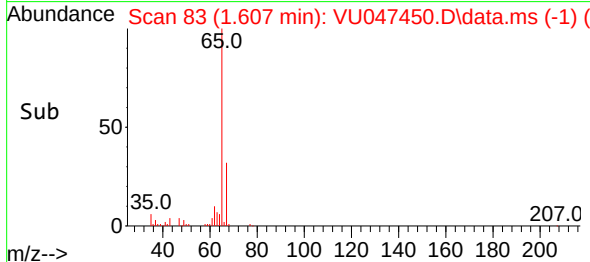
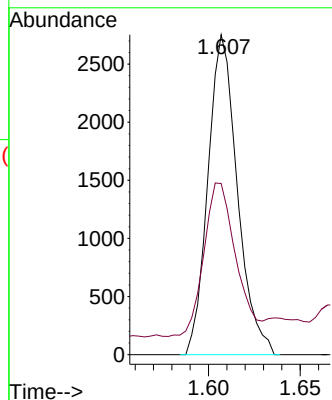
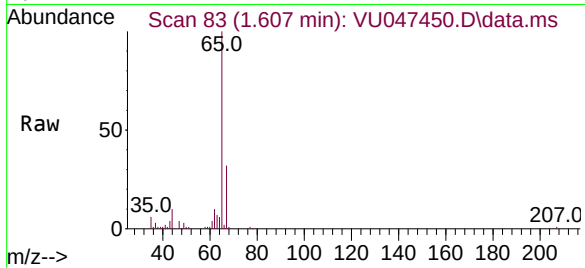
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.274 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
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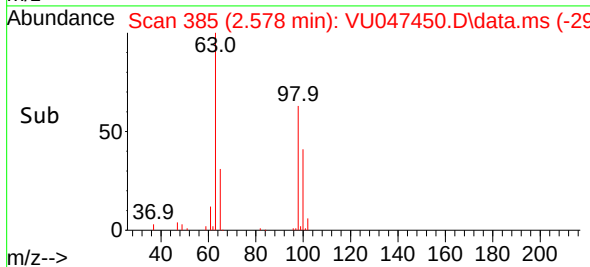
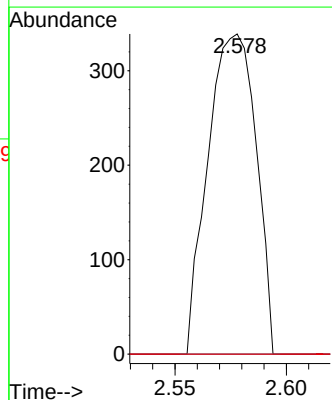
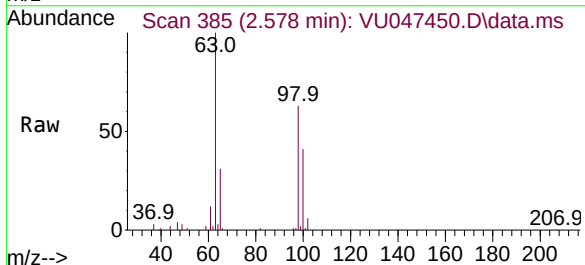
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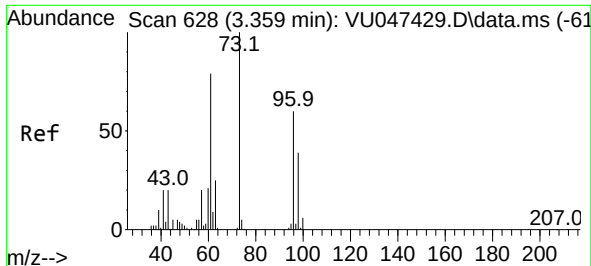
Tgt Ion: 62 Resp: 3073
 Ion Ratio Lower Upper
 62 100
 64 53.5 23.7 43.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047450.D
 Acq: 10 Mar 2022 10:46

Tgt Ion: 101 Resp: 510
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#

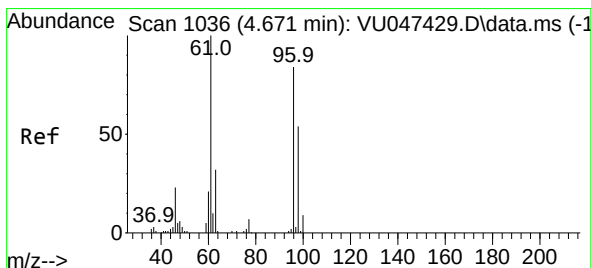
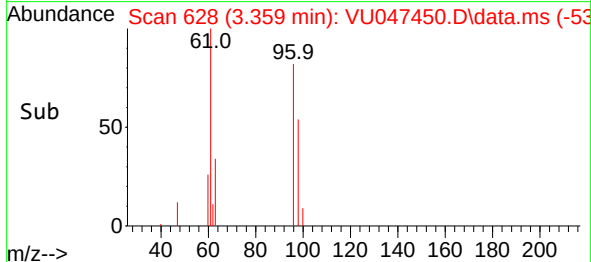
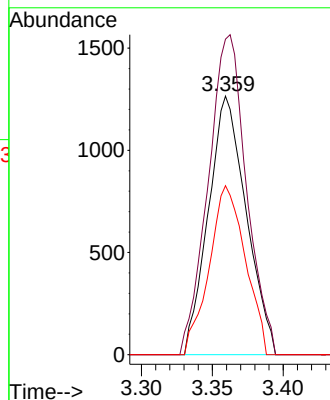
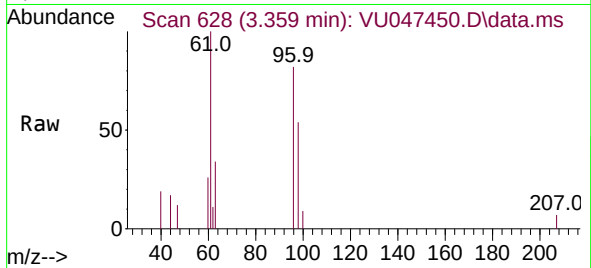




#18
trans-1,2-Dichloroethene
Concen: 0.245 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

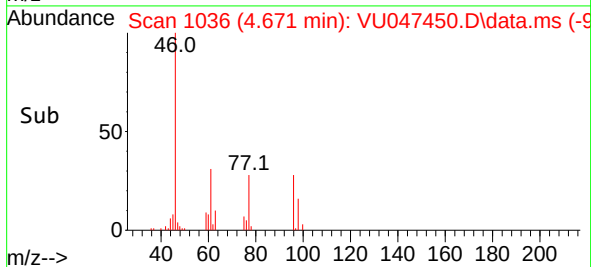
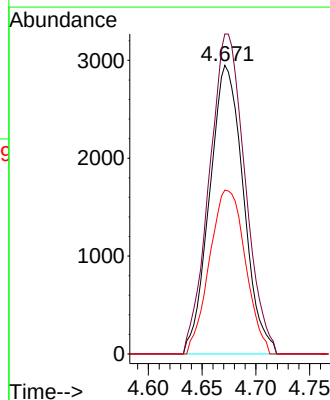
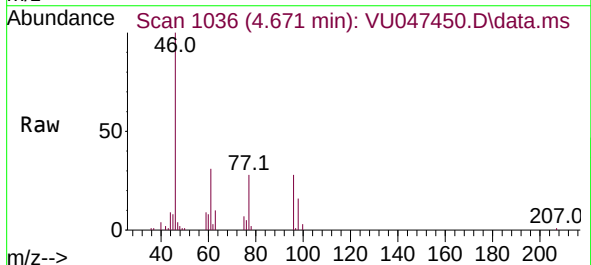
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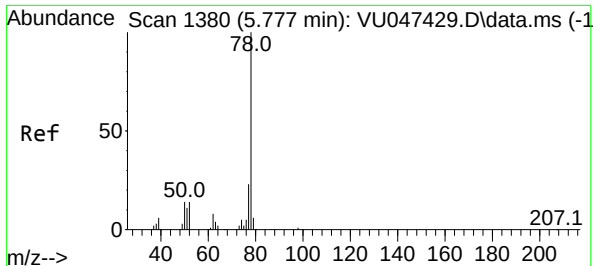
Tgt Ion: 96 Resp: 2352
Ion Ratio Lower Upper
96 100
61 122.1 90.4 167.8
98 65.4 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 0.606 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

Tgt Ion: 96 Resp: 6449
Ion Ratio Lower Upper
96 100
61 110.9 80.8 150.0
98 56.8 44.7 83.1

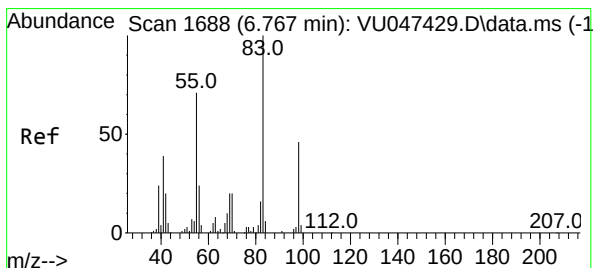
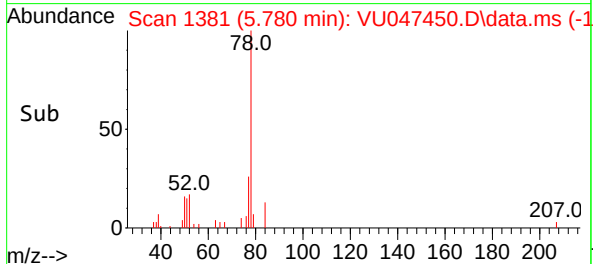
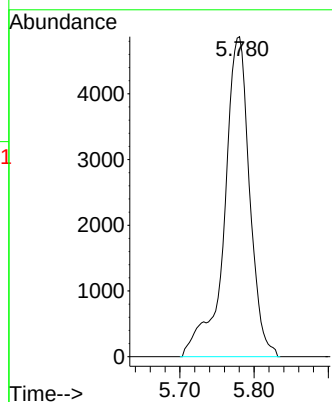
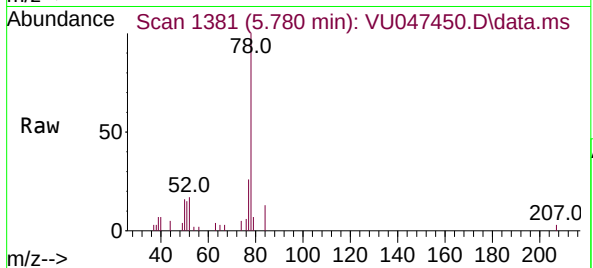




#33
Benzene
Concen: 0.293 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

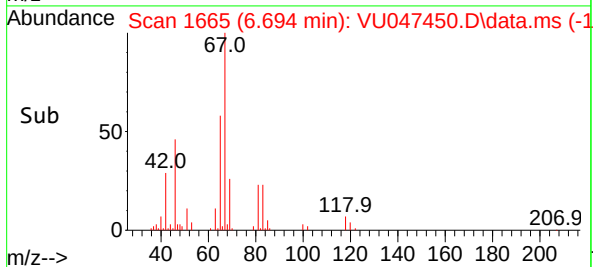
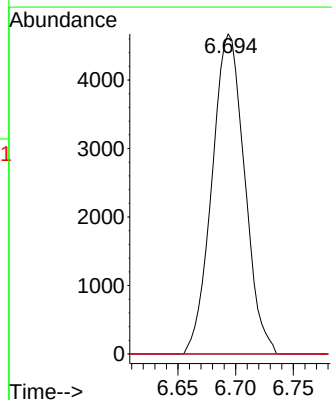
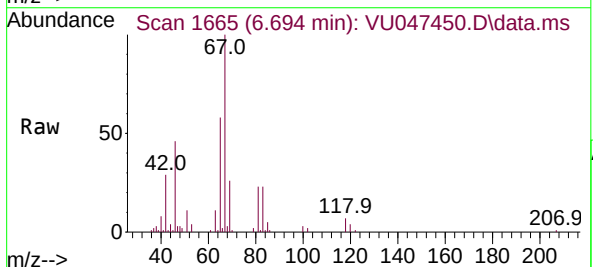
Instrument :
MSVOA_U
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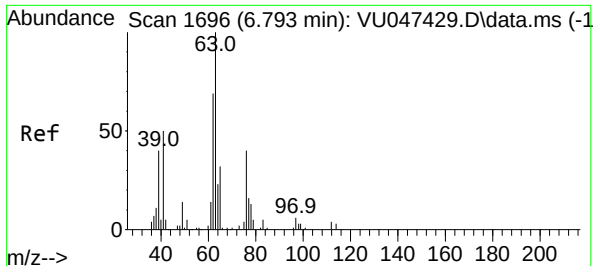
Tgt Ion: 78 Resp: 11542



#35
Methylcyclohexane
Concen: 0.553 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

Tgt Ion: 83 Resp: 9187
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.0 38.0 57.0#

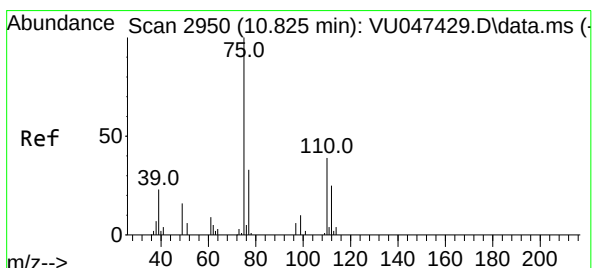
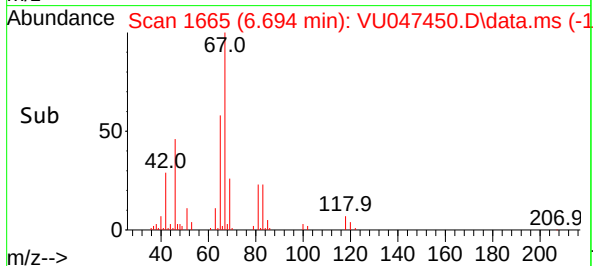
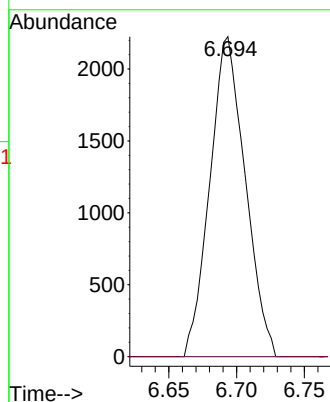
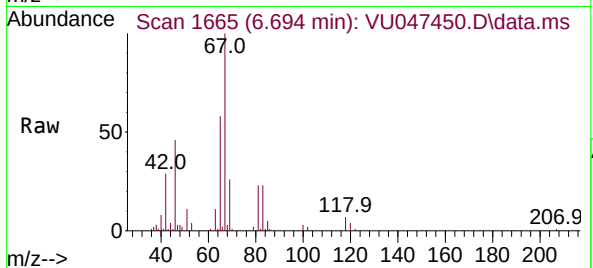




#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

Instrument :
MSVOA_U
ClientSampleId :
ETNL8

Tgt Ion: 63 Resp: 4035
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.138 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047450.D
Acq: 10 Mar 2022 10:46

Tgt Ion: 75 Resp: 8020
Ion Ratio Lower Upper
75 100
110 1.7 31.0 46.4#
77 32.4 26.2 39.4

