

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047518.D
 Acq On : 12 Mar 2022 01:50
 Operator : SY/MD
 Sample : N1858-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK4

Quant Time: Mar 14 01:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

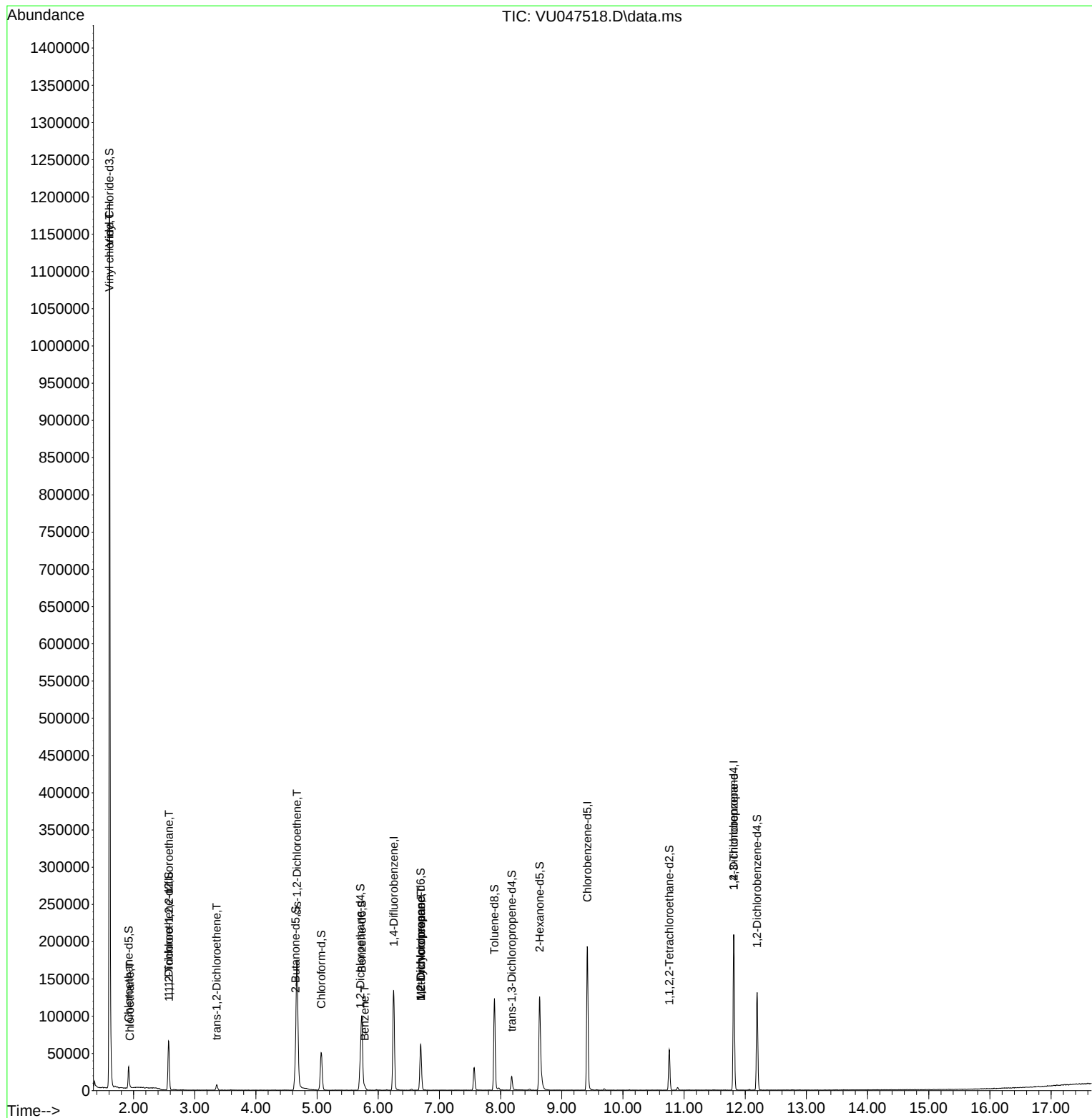
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	116986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32771	5.165	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.400%	
7) Chloroethane-d5	1.919	69	21050	4.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.575	65	12111	4.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	4.649	46	54153	47.939	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.880%	
24) Chloroform-d	5.070	84	48583	4.807	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.706	65	24847	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.732	84	95986	4.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.694	67	29663	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.899	98	86708	4.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	8.182	79	11026	4.047	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.639	63	52601	43.833	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26878	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37188	4.900	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	806809	93.778	ug/L	98
8) Chloroethane	1.941	64	1391	0.266	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	285	0.041	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	3517	0.478	ug/L	84
22) cis-1,2-Dichloroethene	4.671	96	90760	11.138	ug/L	98
33) Benzene	5.777	78	5449	0.175	ug/L	100
35) Methylcyclohexane	6.697	83	7087	0.540	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3130	0.404	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	6478	1.168	ug/L #	66

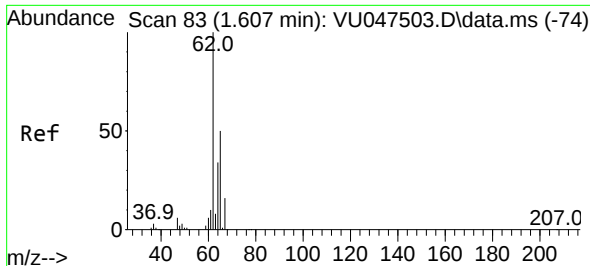
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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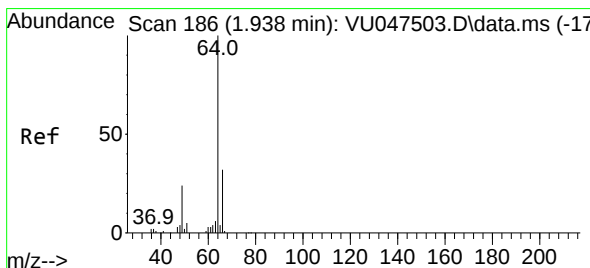
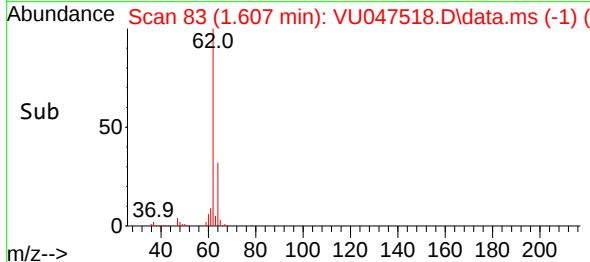
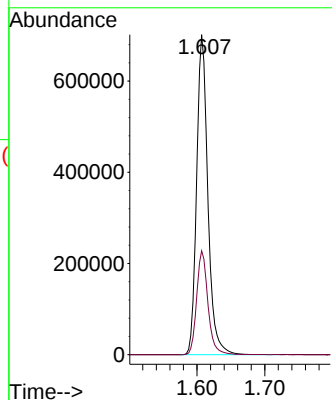
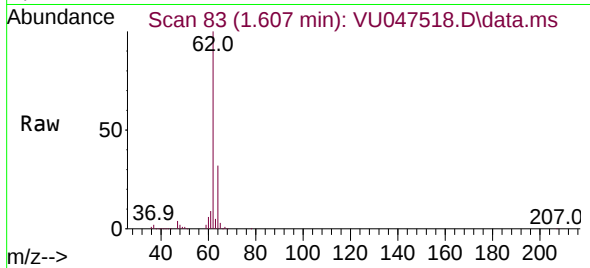




#5
 Vinyl chloride
 Concen: 93.778 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047518.D
 Acq: 12 Mar 2022 01:50

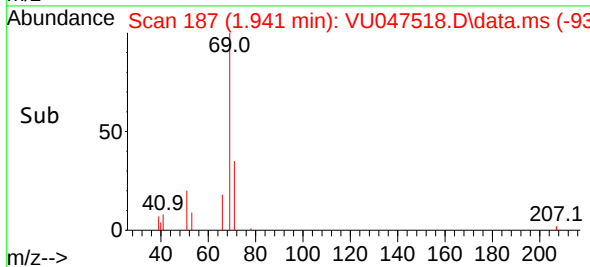
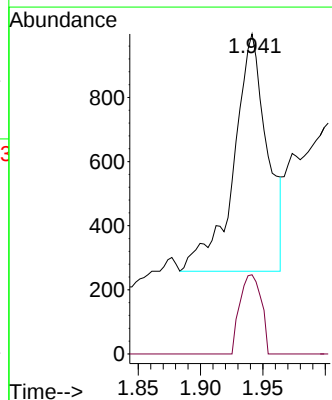
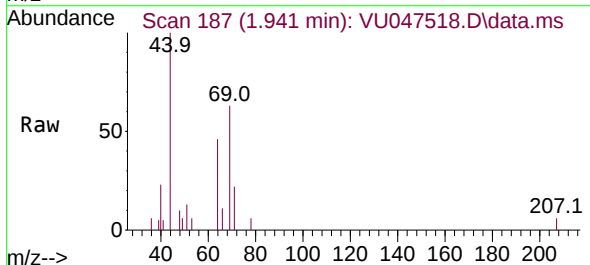
Instrument :
 MSVOA_U
 ClientSampleId :
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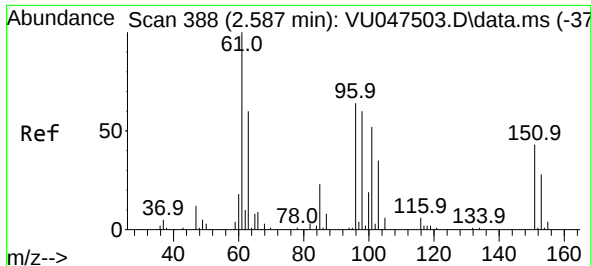
Tgt Ion: 62 Resp: 806809
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.7 43.9



#8
 Chloroethane
 Concen: 0.266 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU047518.D
 Acq: 12 Mar 2022 01:50

Tgt Ion: 64 Resp: 1391
 Ion Ratio Lower Upper
 64 100
 66 24.7 22.9 42.5

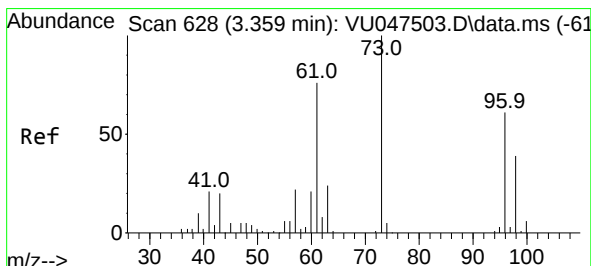
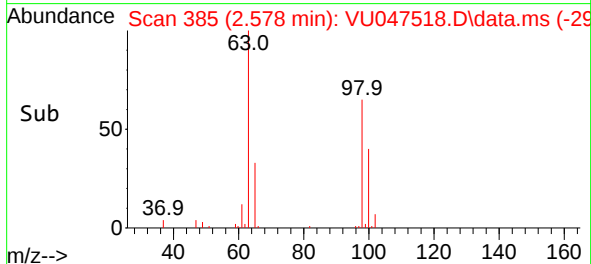
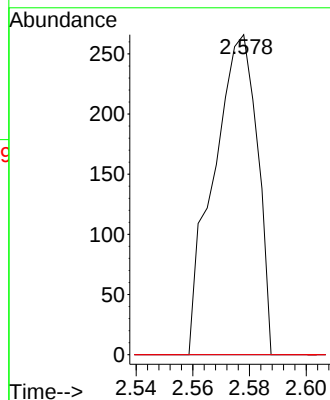
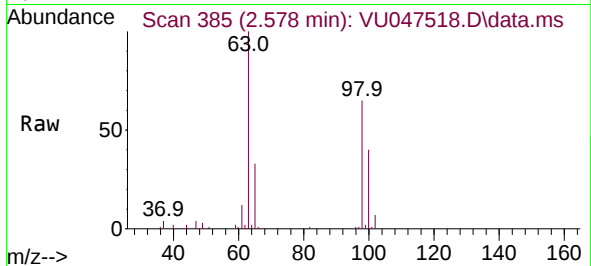




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.041 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU047518.D
Acq: 12 Mar 2022 01:50

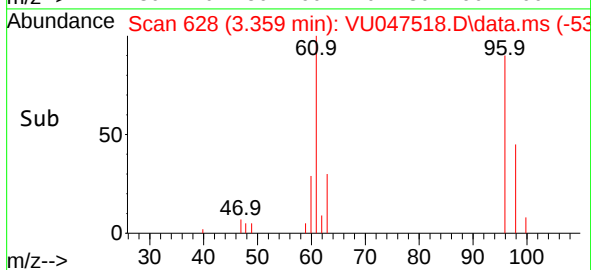
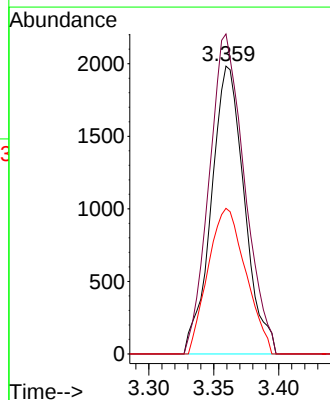
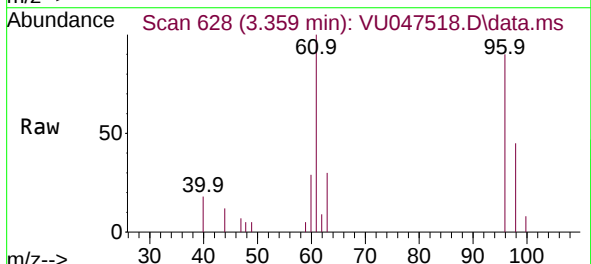
Instrument :
MSVOA_U
ClientSampleId :
ETNK4

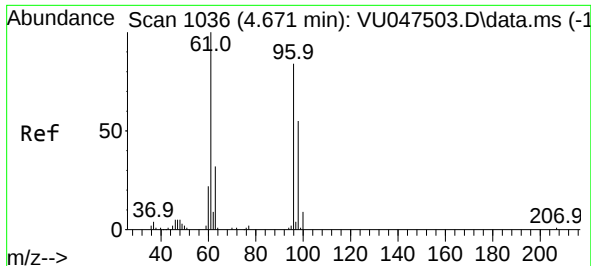
Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#18
trans-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047518.D
Acq: 12 Mar 2022 01:50

Tgt Ion: 96 Resp: 3517
Ion Ratio Lower Upper
96 100
61 111.2 90.4 167.8
98 50.6 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 11.138 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047518.D

Acq: 12 Mar 2022 01:50

Instrument :

MSVOA_U

ClientSampleId :

ETNK4

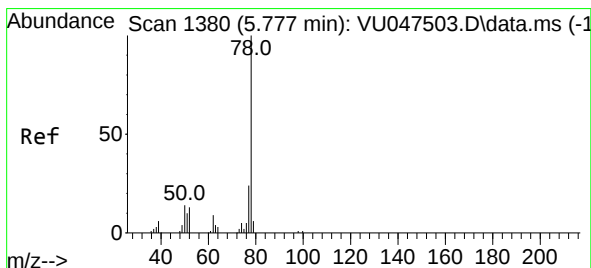
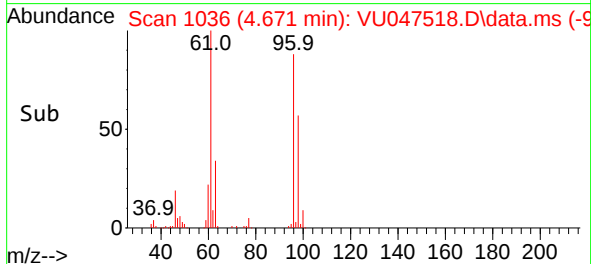
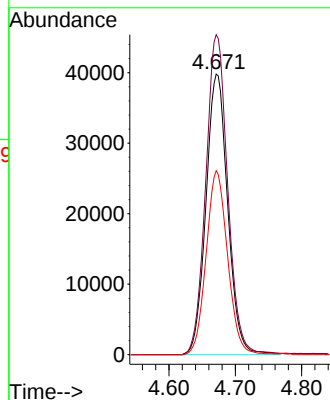
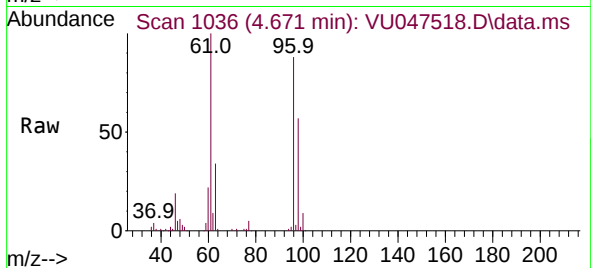
Tgt Ion: 96 Resp: 90760

Ion Ratio Lower Upper

96 100

61 114.1 80.8 150.0

98 65.6 44.7 83.1



#33

Benzene

Concen: 0.175 ug/L

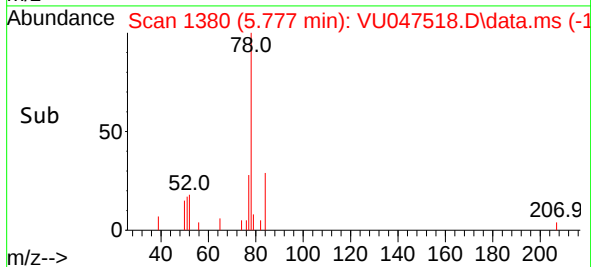
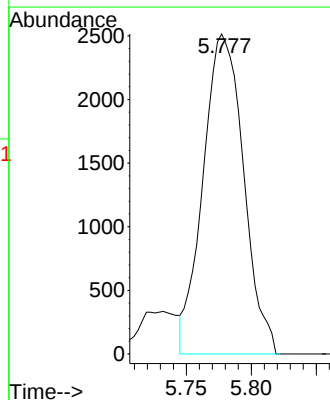
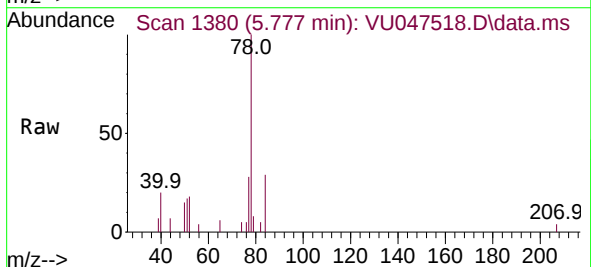
RT: 5.777 min Scan# 1380

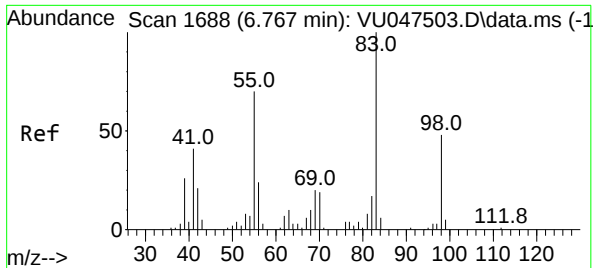
Delta R.T. 0.000 min

Lab File: VU047518.D

Acq: 12 Mar 2022 01:50

Tgt Ion: 78 Resp: 5449

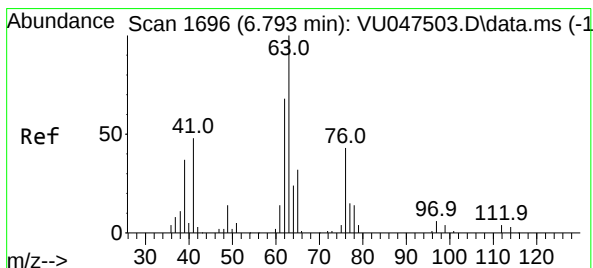
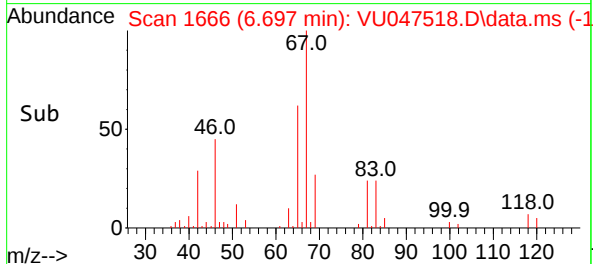
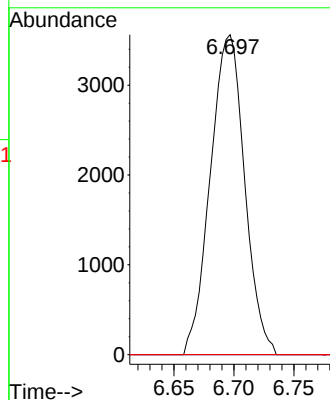
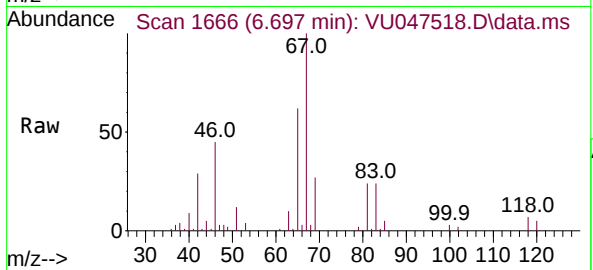




#35
Methylcyclohexane
Concen: 0.540 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU047518.D
Acq: 12 Mar 2022 01:50

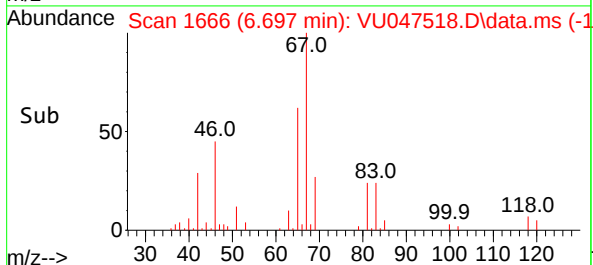
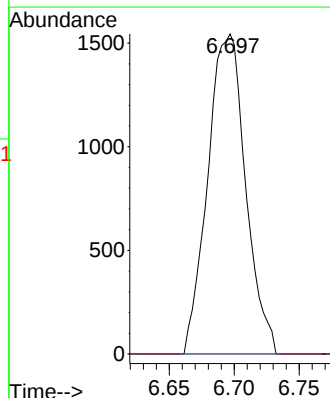
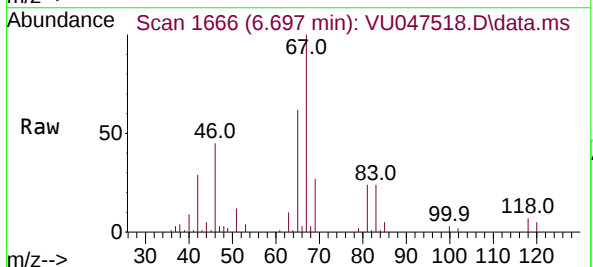
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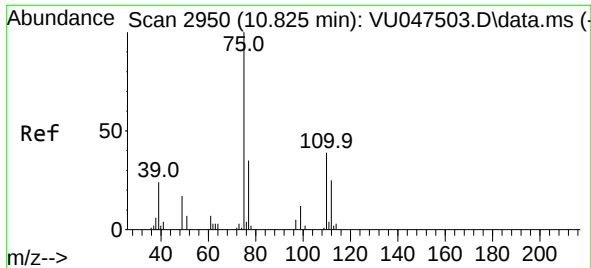
Tgt Ion: 83 Resp: 7087
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.404 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU047518.D
Acq: 12 Mar 2022 01:50

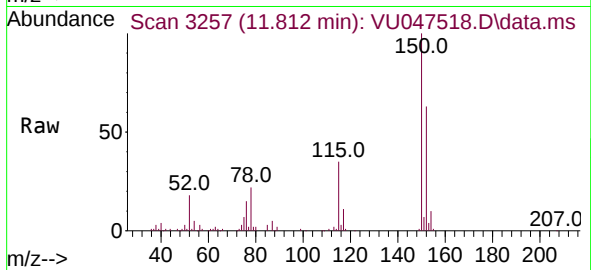
Tgt Ion: 63 Resp: 3130
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.168 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047518.D
 Acq: 12 Mar 2022 01:50

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 6478
 Ion Ratio Lower Upper
 75 100
 110 0.6 31.0 46.4#
 77 32.7 26.2 39.4

