

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047517.D
 Acq On : 12 Mar 2022 01:27
 Operator : SY/MD
 Sample : N1858-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK3

Quant Time: Mar 14 01:43:40 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)

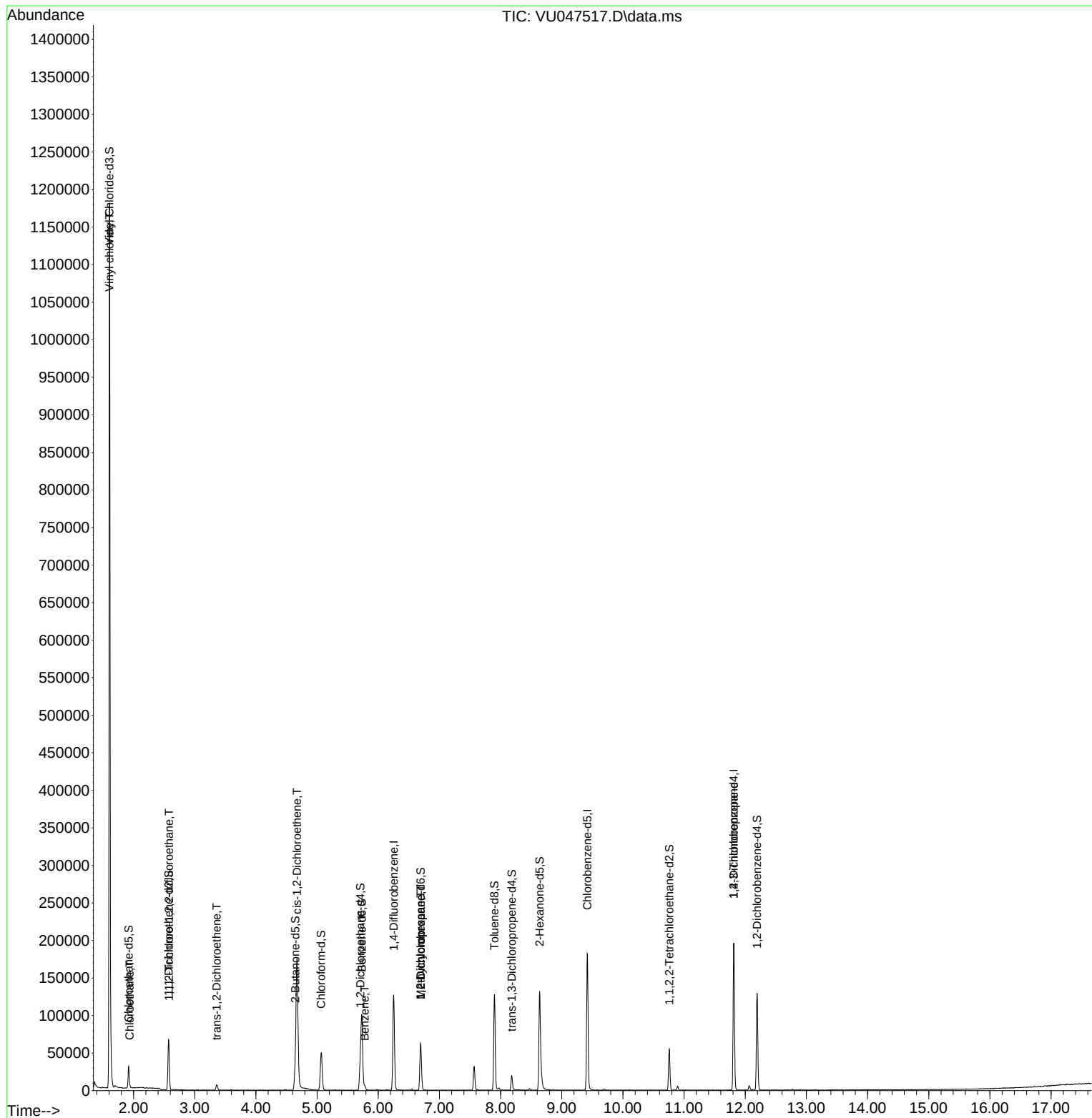
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	109995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32722	5.485	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.800%	
7) Chloroethane-d5	1.919	69	21800	4.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.575	65	12201	4.630	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.645	46	56231	52.942	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.880%	
24) Chloroform-d	5.067	84	48098	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.706	65	24859	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.732	84	96414	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.694	67	30052	4.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.899	98	87446	4.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.182	79	11756	4.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.639	63	53099	46.584	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	27355	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36548	5.244	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	802762	99.239	ug/L	97
8) Chloroethane	1.938	64	1135	0.231	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	346	0.053	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	3339	0.483	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	89012	11.618	ug/L	99
33) Benzene	5.780	78	5257	0.178	ug/L	100
35) Methylcyclohexane	6.694	83	6945	0.557	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	3149	0.427	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	5777	1.135	ug/L #	64

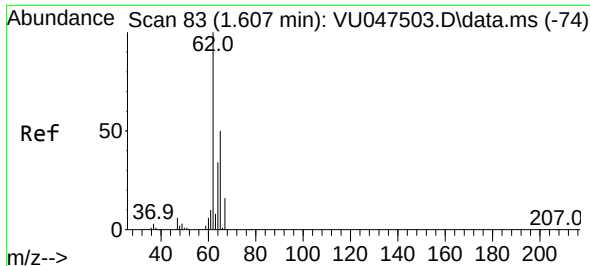
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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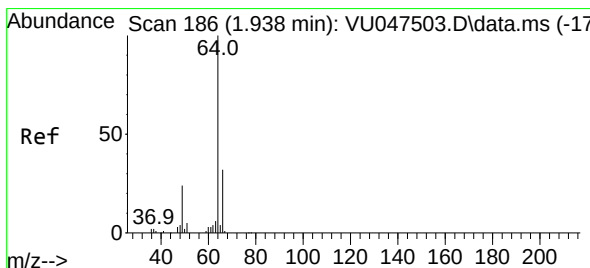
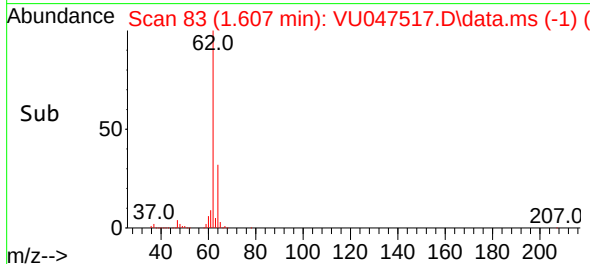
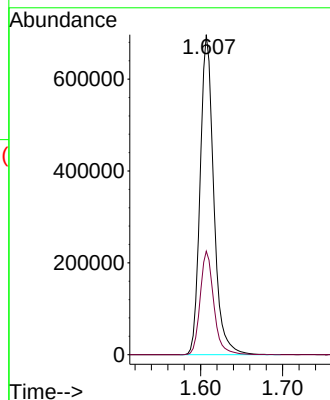
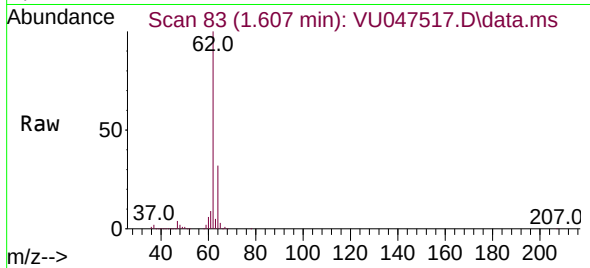




#5
 Vinyl chloride
 Concen: 99.239 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047517.D
 Acq: 12 Mar 2022 01:27

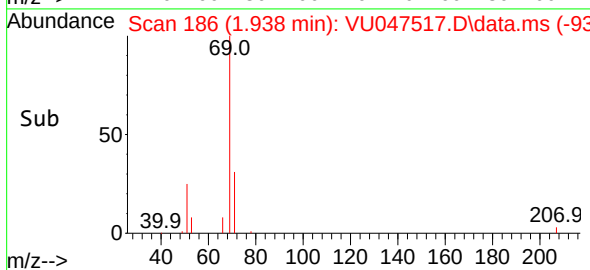
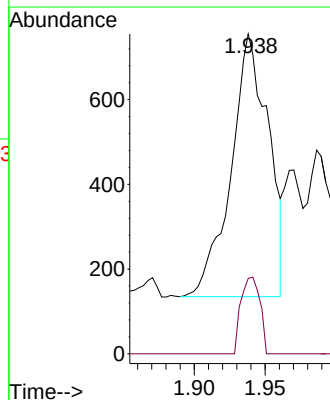
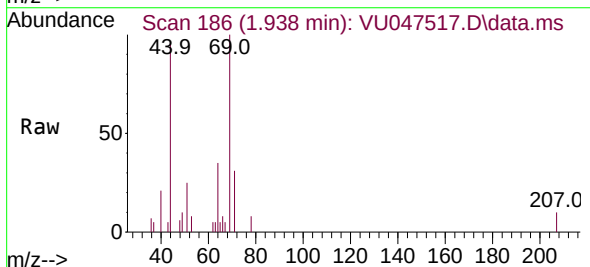
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK3

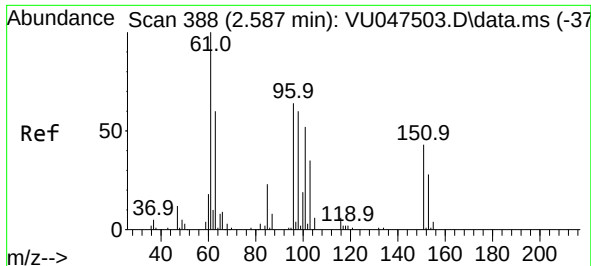
Tgt Ion: 62 Resp: 802762
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#8
 Chloroethane
 Concen: 0.231 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.000 min
 Lab File: VU047517.D
 Acq: 12 Mar 2022 01:27

Tgt Ion: 64 Resp: 1135
 Ion Ratio Lower Upper
 64 100
 66 23.6 22.9 42.5

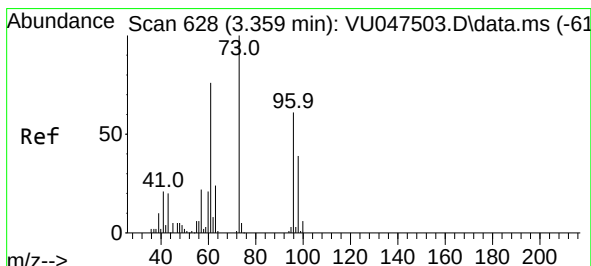
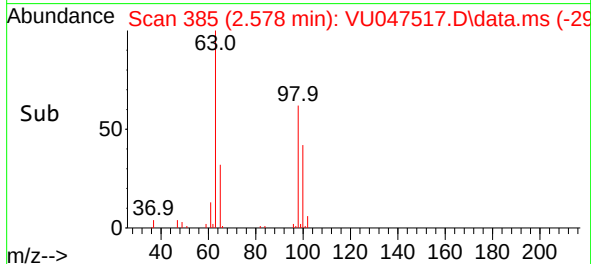
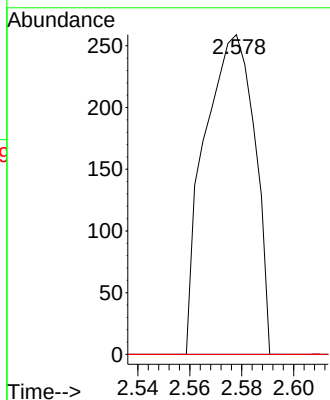
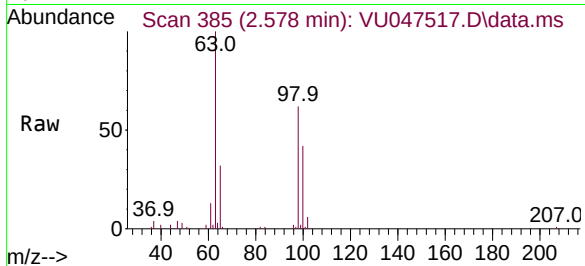




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.578 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VU047517.D
 Acq: 12 Mar 2022 01:27

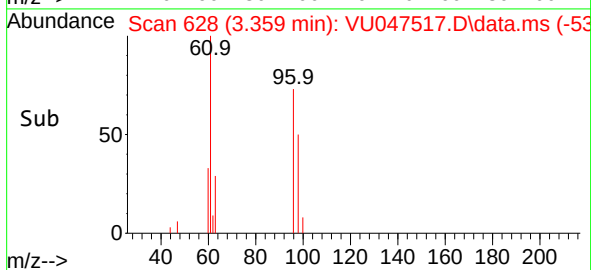
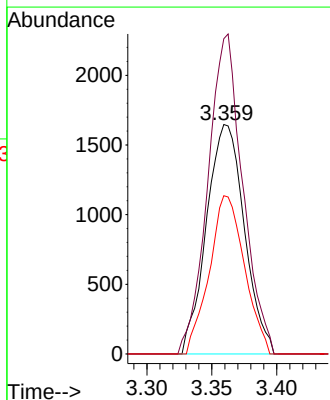
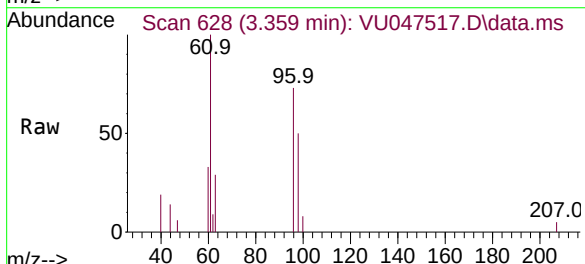
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK3

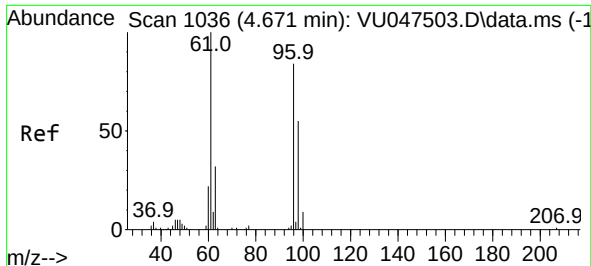
Tgt Ion:101 Resp: 346
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#



#18
 trans-1,2-Dichloroethene
 Concen: 0.483 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU047517.D
 Acq: 12 Mar 2022 01:27

Tgt Ion: 96 Resp: 3339
 Ion Ratio Lower Upper
 96 100
 61 137.4 90.4 167.8
 98 69.0 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 11.618 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047517.D

Acq: 12 Mar 2022 01:27

Instrument :

MSVOA_U

ClientSampleId :

ETNK3

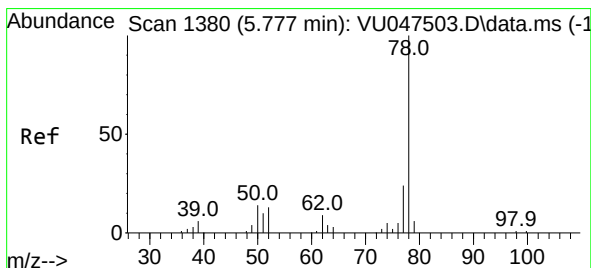
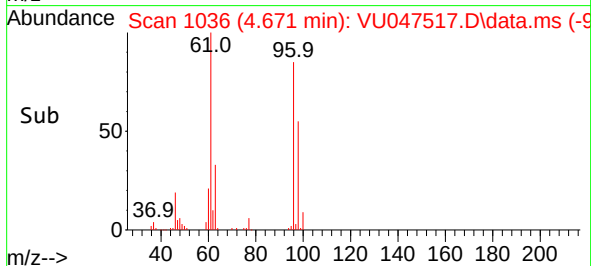
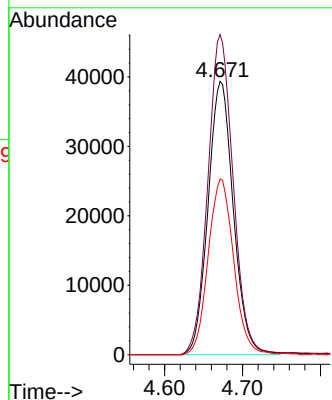
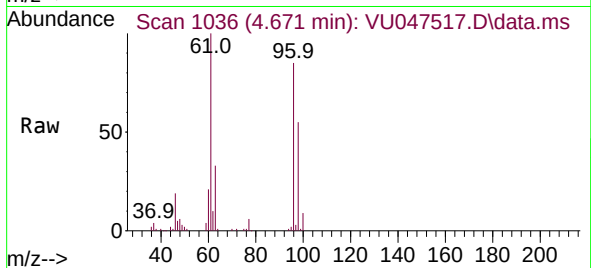
Tgt Ion: 96 Resp: 89012

Ion Ratio Lower Upper

96 100

61 117.1 80.8 150.0

98 64.3 44.7 83.1



#33

Benzene

Concen: 0.178 ug/L

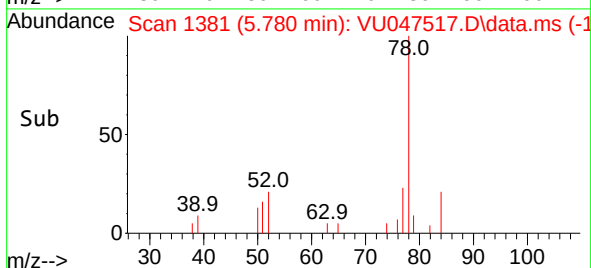
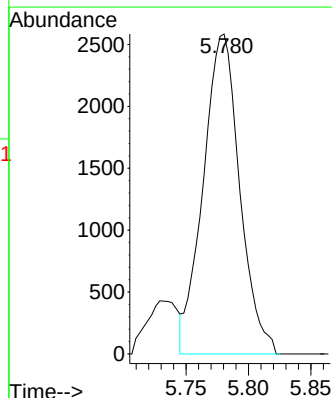
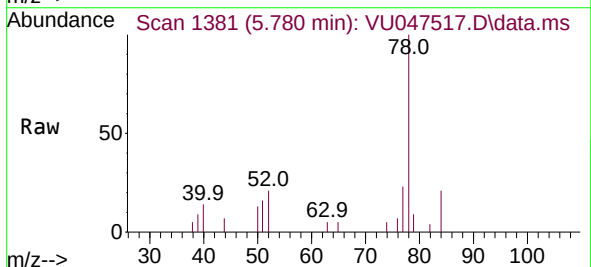
RT: 5.780 min Scan# 1381

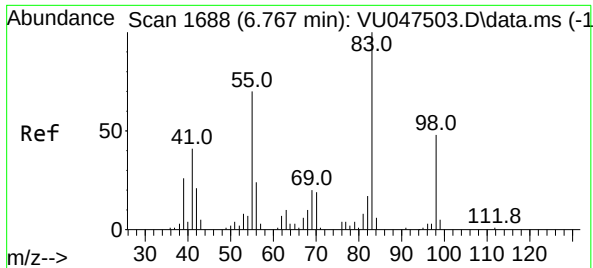
Delta R.T. 0.003 min

Lab File: VU047517.D

Acq: 12 Mar 2022 01:27

Tgt Ion: 78 Resp: 5257

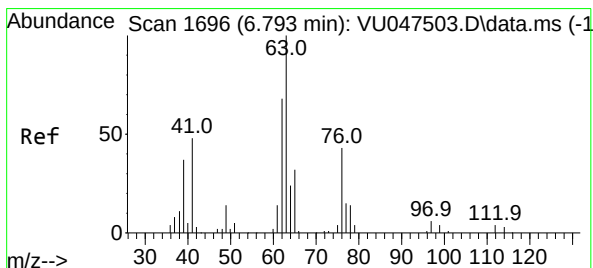
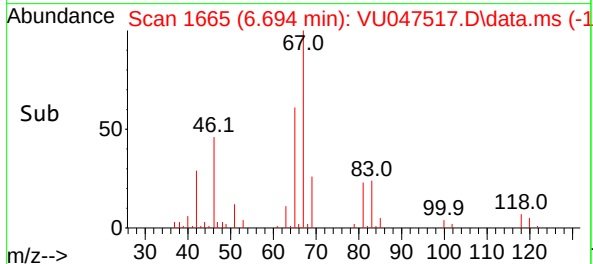
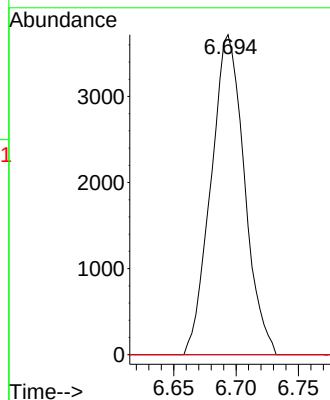
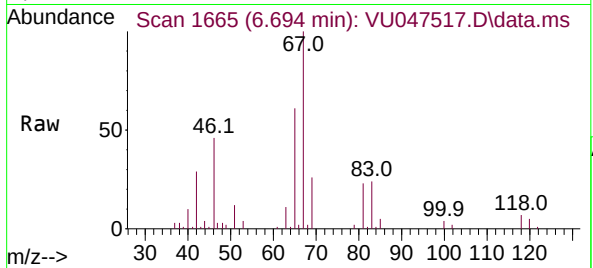




#35
Methylcyclohexane
Concen: 0.557 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047517.D
Acq: 12 Mar 2022 01:27

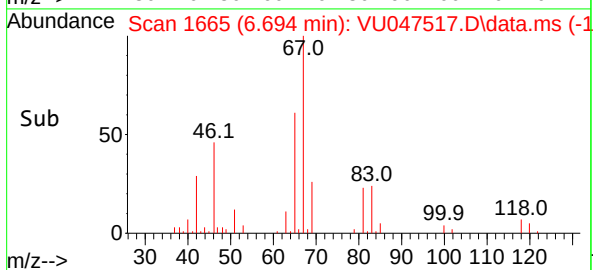
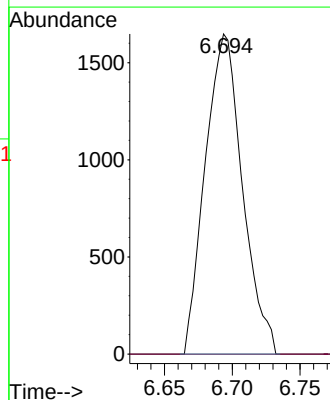
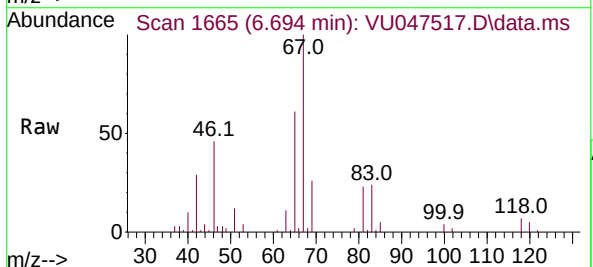
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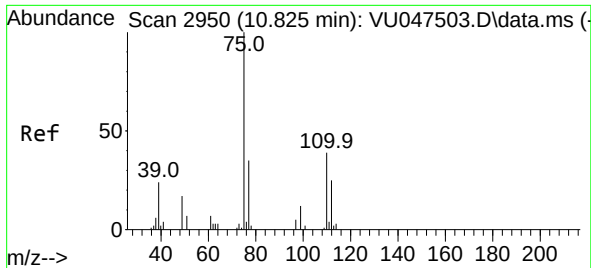
Tgt Ion: 83 Resp: 6945
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047517.D
Acq: 12 Mar 2022 01:27

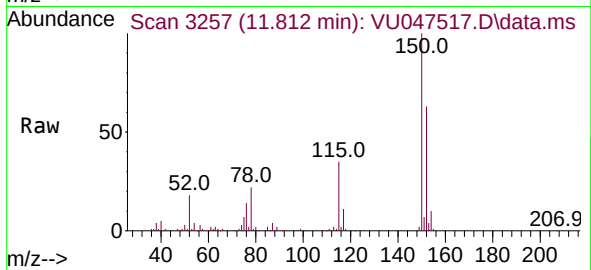
Tgt Ion: 63 Resp: 3149
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.135 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047517.D
 Acq: 12 Mar 2022 01:27

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	75	Resp:	5777
Ion	Ratio	Lower	Upper
75	100		
110	0.9	31.0	46.4#
77	35.6	26.2	39.4

