

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047595.D
 Acq On : 16 Mar 2022 17:15
 Operator : SY/MD
 Sample : N1858-08DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4DL

Quant Time: Mar 17 00:52:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

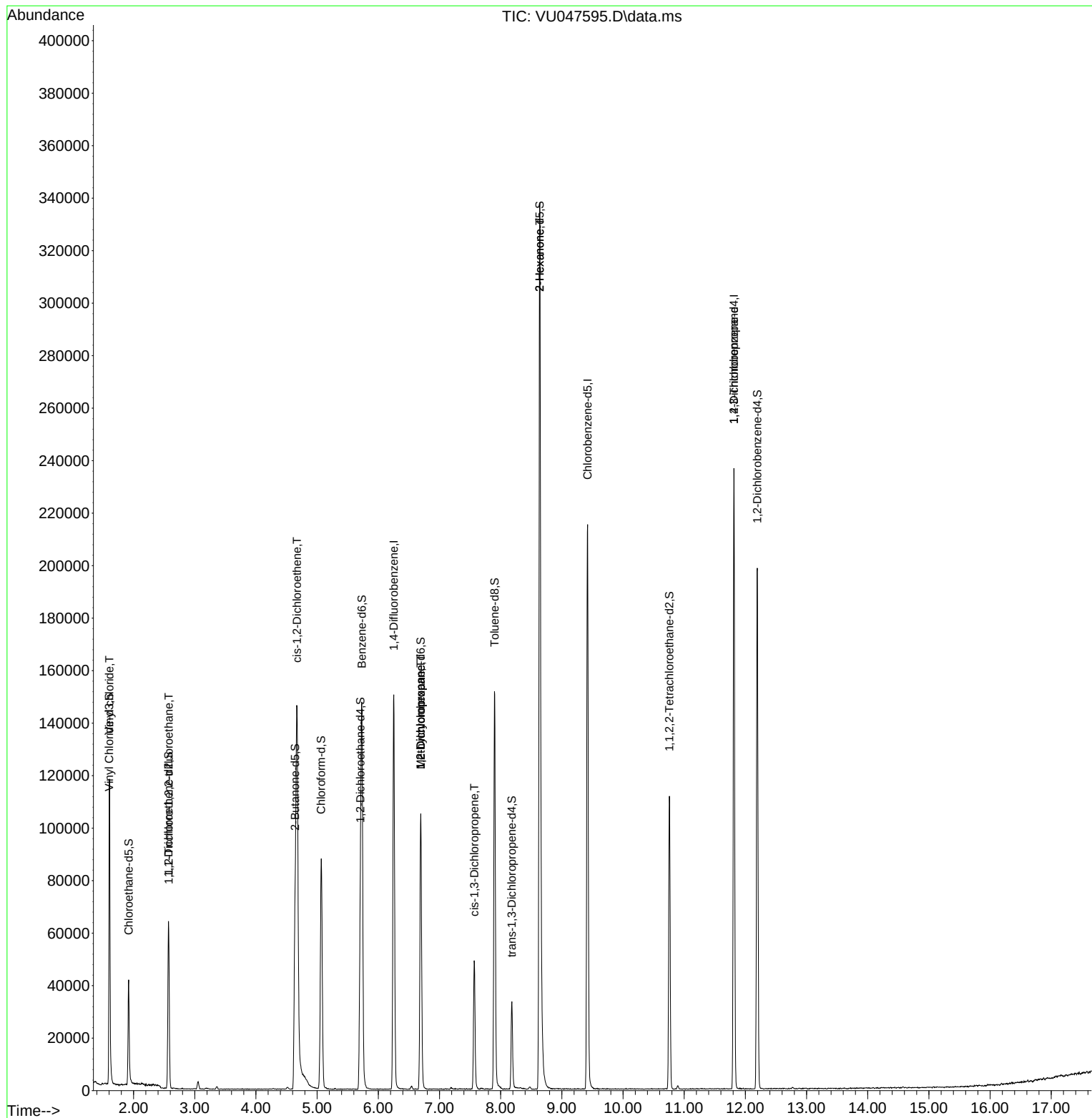
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	129584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	129381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27496	3.245	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.919	69	31235	4.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.571	65	11324	2.849	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	4.642	46	151804	62.254	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.500%	
24) Chloroform-d	5.067	84	82230	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.706	65	47638	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.732	84	139025	3.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.694	67	50748	4.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.899	98	108195	3.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	19337	3.883	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.639	63	131779	51.053	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56212	4.752	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	57104	4.148	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	62187	7.712	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	319	0.048	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	62061	8.060	ug/L	98
35) Methylcyclohexane	6.694	83	11914	1.069	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5365	0.716	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1306	0.112	ug/L #	55
48) 2-Hexanone	8.639	43	15217	3.829	ug/L #	67
61) 1,2,3-Trichloropropane	11.812	75	6625	1.199	ug/L #	66

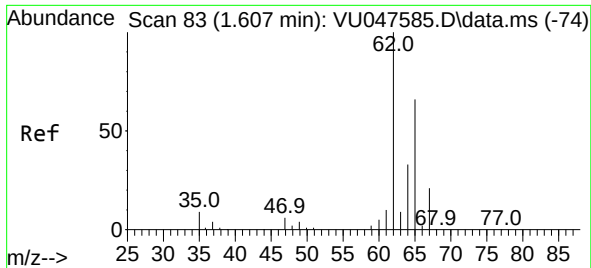
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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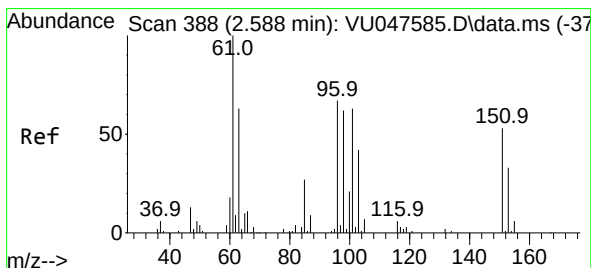
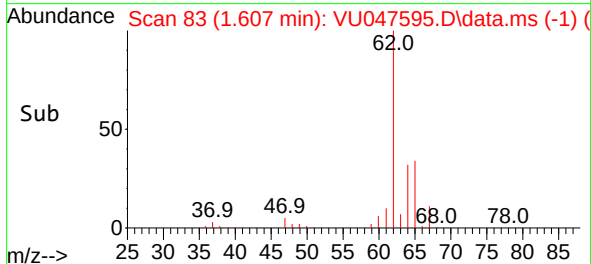
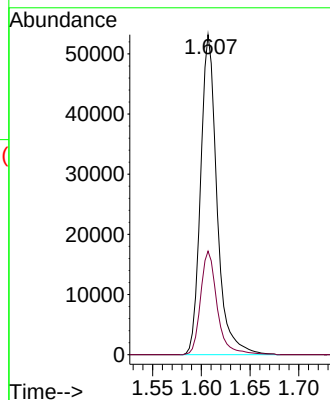
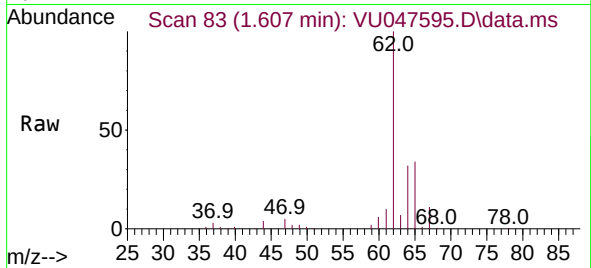




#5
 Vinyl chloride
 Concen: 7.712 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047595.D
 Acq: 16 Mar 2022 17:15

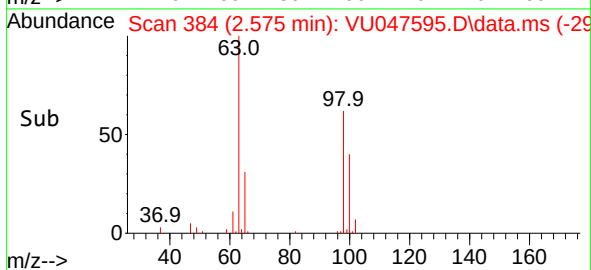
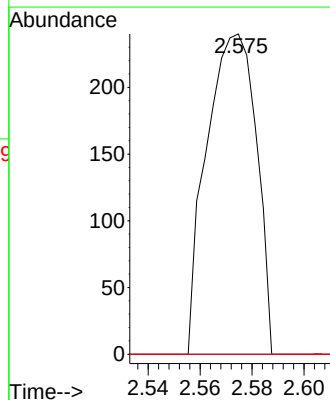
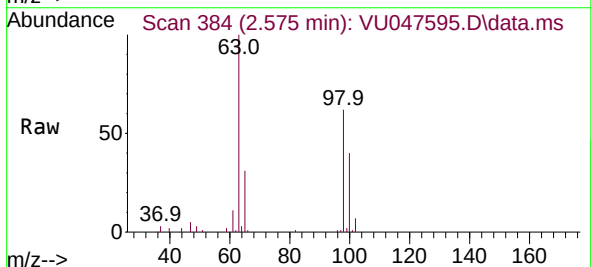
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4DL

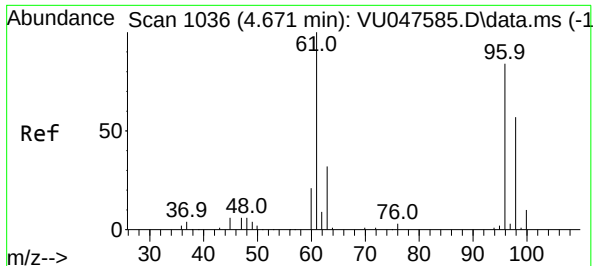
Tgt Ion: 62 Resp: 62187
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.048 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047595.D
 Acq: 16 Mar 2022 17:15

Tgt Ion: 101 Resp: 319
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#

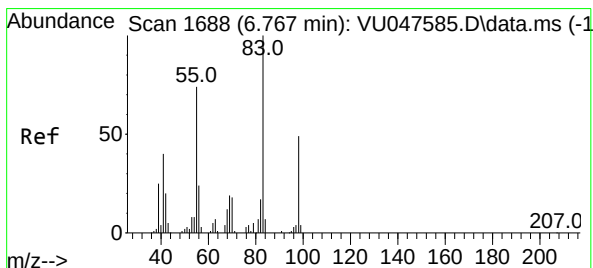
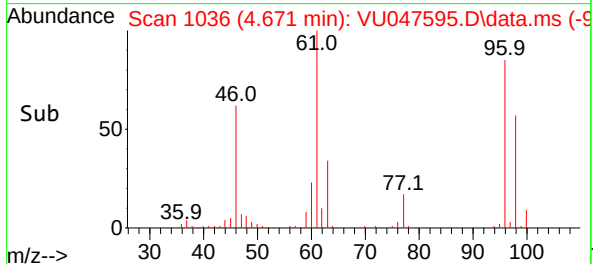
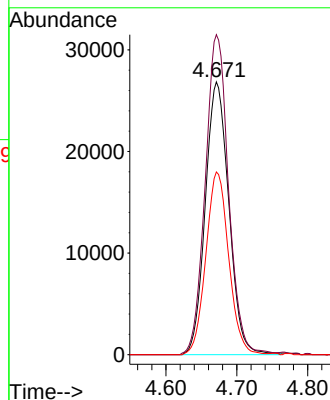
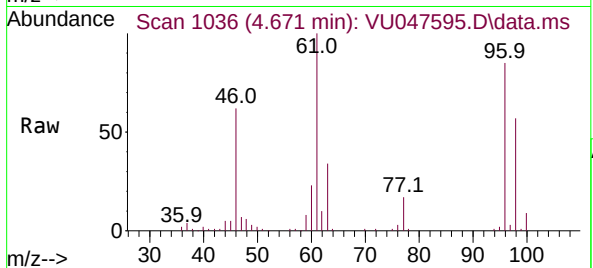




#22
 cis-1,2-Dichloroethene
 Concen: 8.060 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047595.D
 Acq: 16 Mar 2022 17:15

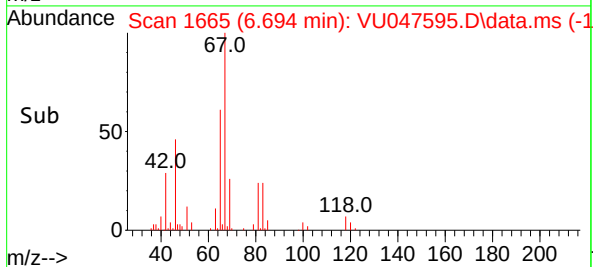
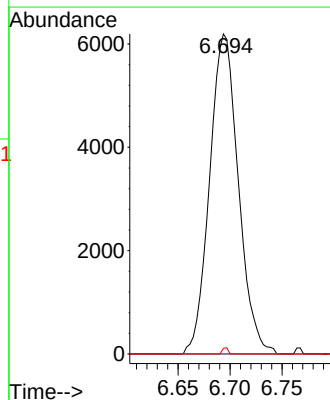
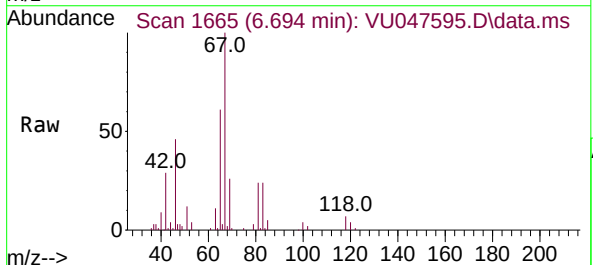
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4DL

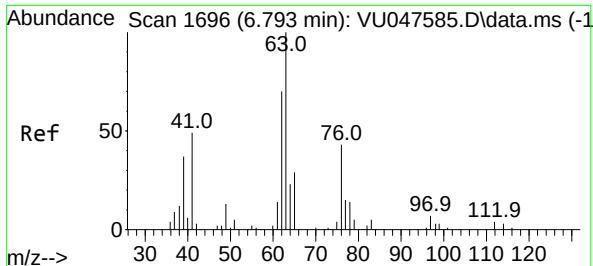
Tgt Ion: 96 Resp: 62061
 Ion Ratio Lower Upper
 96 100
 61 117.3 83.9 155.7
 98 67.0 46.4 86.2



#35
 Methylcyclohexane
 Concen: 1.069 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU047595.D
 Acq: 16 Mar 2022 17:15

Tgt Ion: 83 Resp: 11914
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.3 85.9#
 98 0.4 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.716 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047595.D

Acq: 16 Mar 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

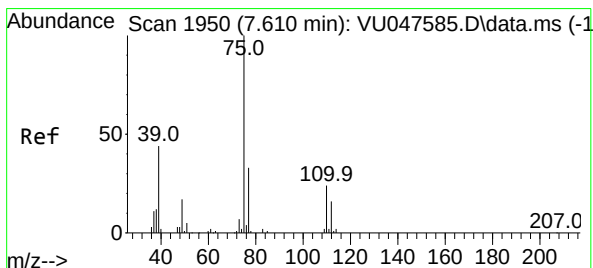
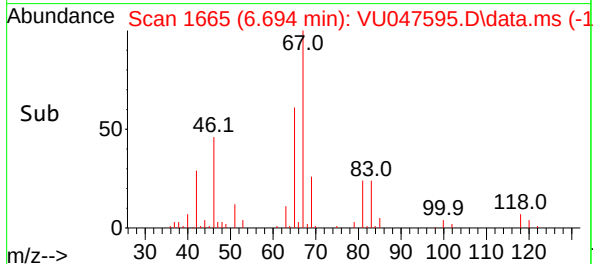
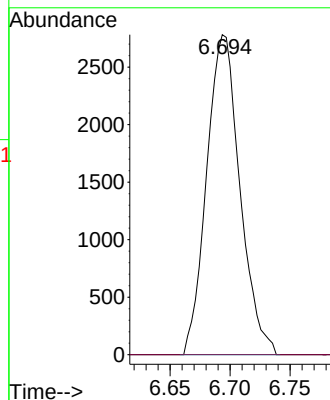
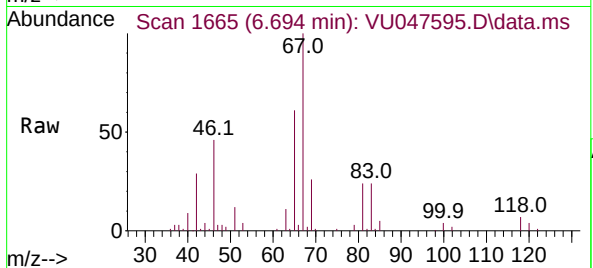
ETNH4DL

Tgt Ion: 63 Resp: 5365

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047595.D

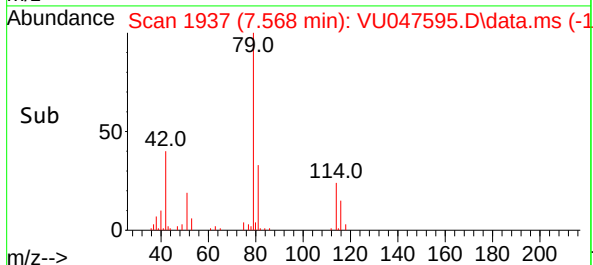
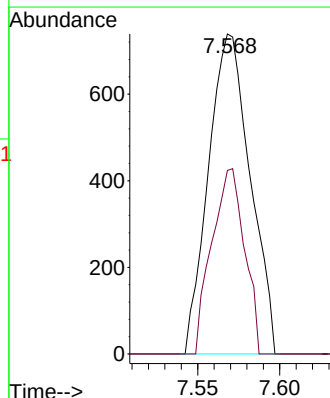
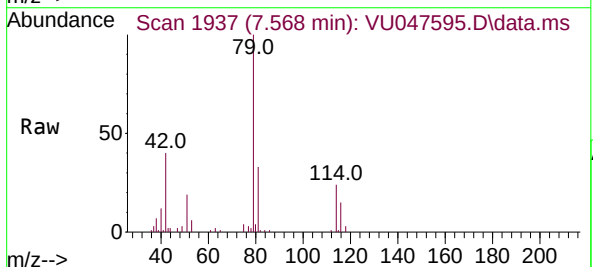
Acq: 16 Mar 2022 17:15

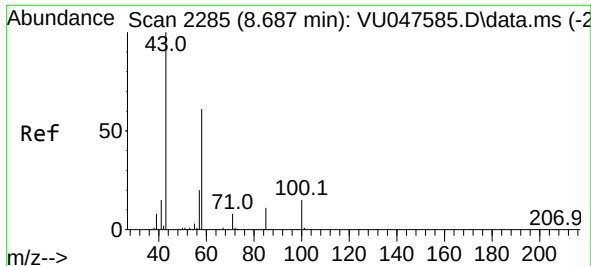
Tgt Ion: 75 Resp: 1306

Ion Ratio Lower Upper

75 100

77 57.4 22.6 42.0#

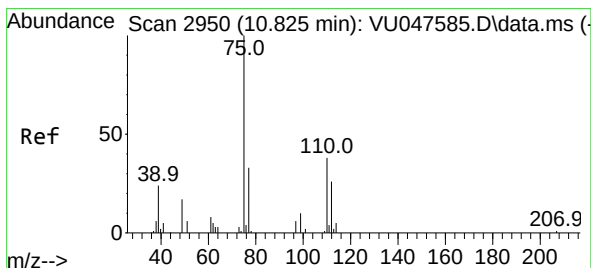
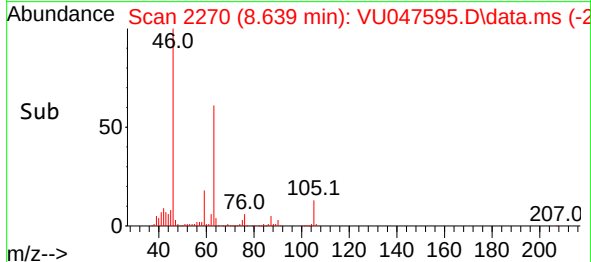
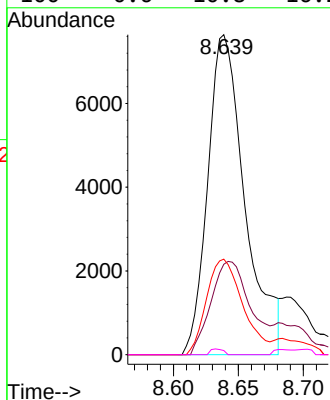
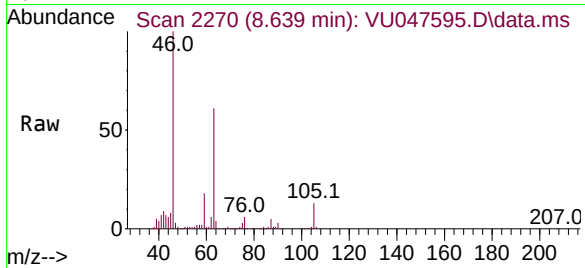




#48
2-Hexanone
Concen: 3.829 ug/L
RT: 8.639 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU047595.D
Acq: 16 Mar 2022 17:15

Instrument :
MSVOA_U
ClientSampleId :
ETNH4DL

Tgt Ion: 43	Resp: 15217
Ion Ratio	Lower Upper
43 100	
58 31.0	47.5 71.3#
57 29.2	16.0 24.0#
100 0.6	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047595.D
Acq: 16 Mar 2022 17:15

Tgt Ion: 75	Resp: 6625
Ion Ratio	Lower Upper
75 100	
110 1.0	30.2 45.4#
77 31.8	26.6 39.8

