

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047593.D
 Acq On : 16 Mar 2022 16:24
 Operator : SY/MD
 Sample : N1858-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4DL

Quant Time: Mar 17 00:52:27 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)

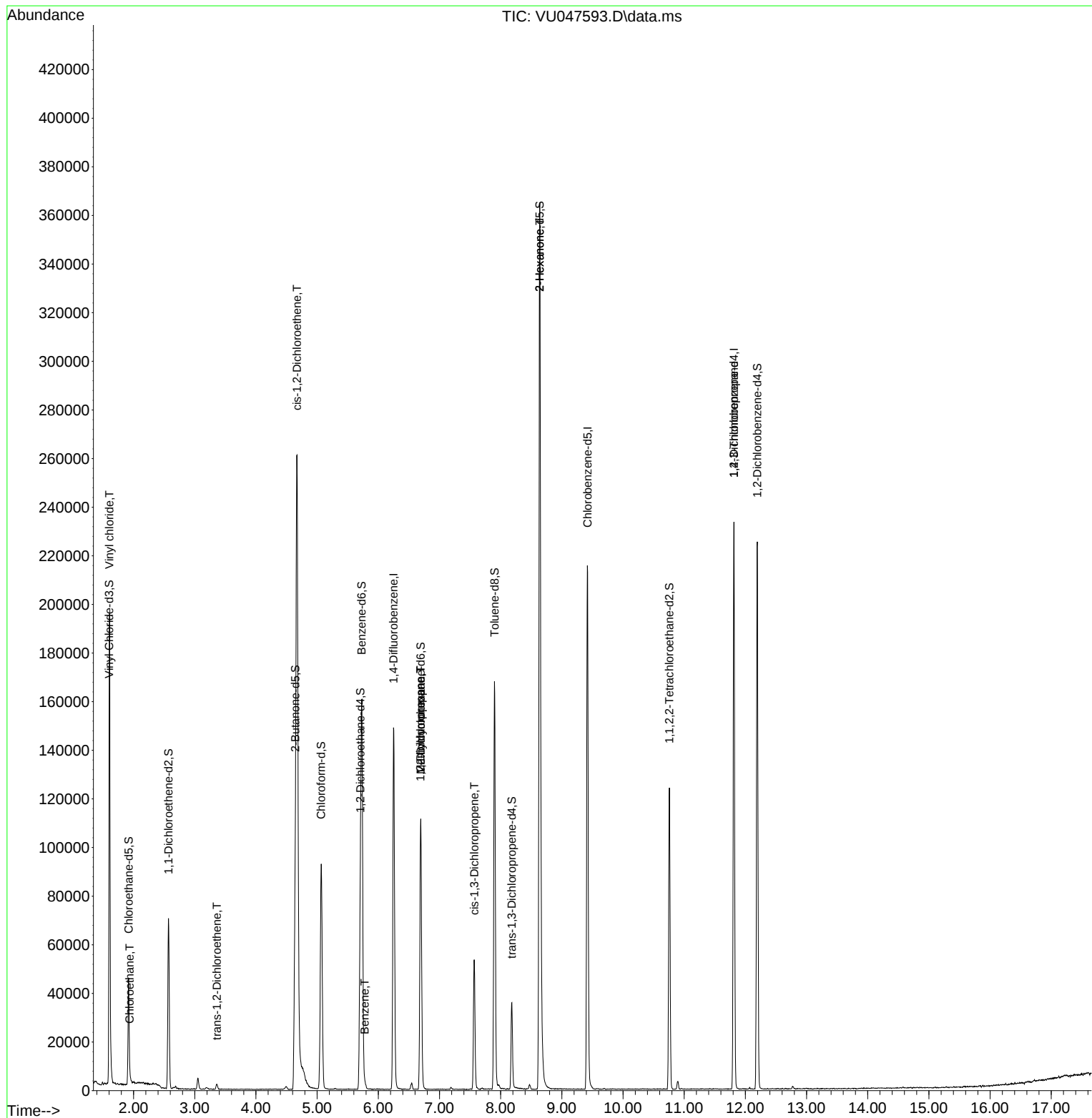
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30056	3.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.919	69	34303	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.572	65	12414	3.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.645	46	156080	64.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.980%
24) Chloroform-d	5.067	84	87940	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.707	65	50619	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.729	84	150748	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.694	67	55335	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	120569	3.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.182	79	20617	4.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.639	63	142754	55.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	60860	5.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	63081	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	116589	14.567	ug/L	98
8) Chloroethane	1.938	64	654	0.135	ug/L #	43
18) trans-1,2-Dichloroethene	3.363	96	1069	0.155	ug/L	83
22) cis-1,2-Dichloroethene	4.671	96	124014	16.227	ug/L	96
33) Benzene	5.777	78	1982	0.068	ug/L	100
35) Methylcyclohexane	6.694	83	12824	1.161	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	5774	0.778	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1353	0.117	ug/L #	72
48) 2-Hexanone	8.639	43	15896	4.037	ug/L #	68
61) 1,2,3-Trichloropropane	11.812	75	6533	1.190	ug/L #	68

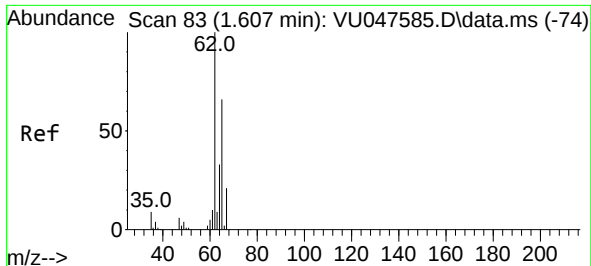
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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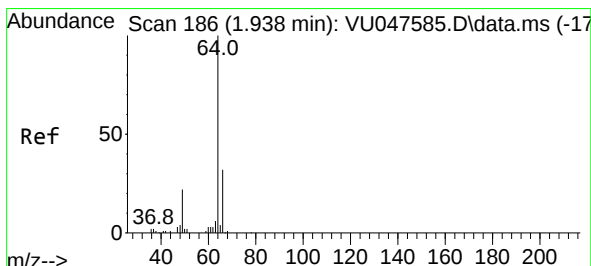
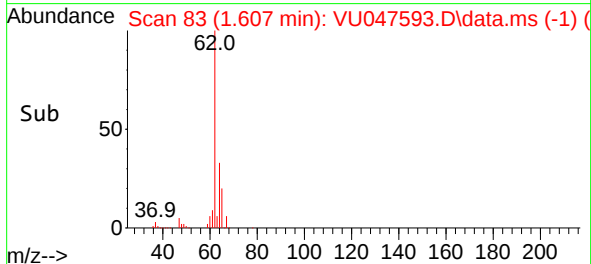
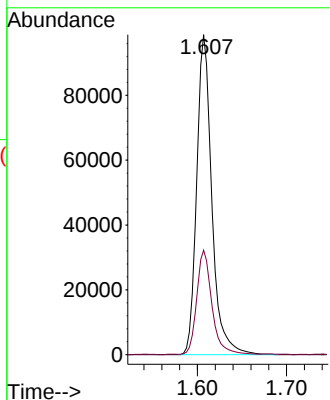
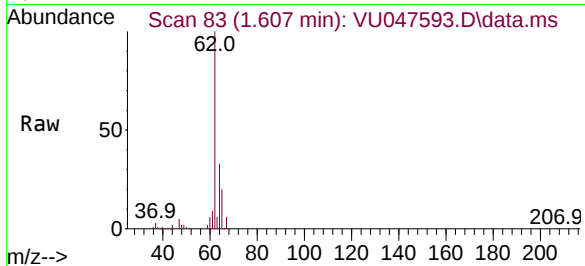




#5
 Vinyl chloride
 Concen: 14.567 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047593.D
 Acq: 16 Mar 2022 16:24

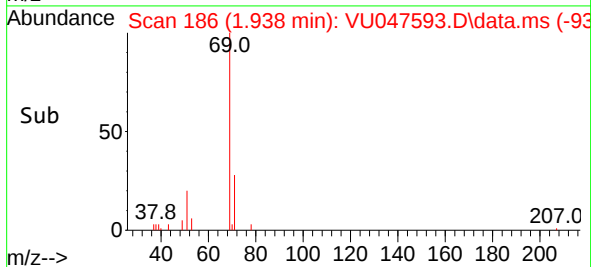
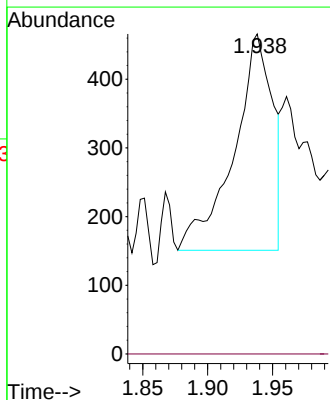
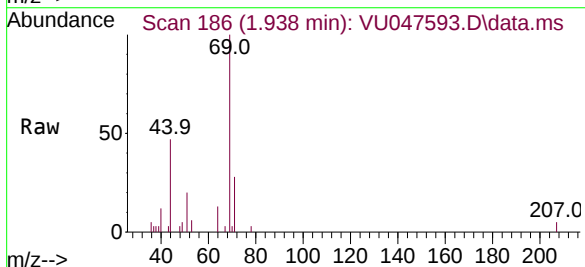
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4DL

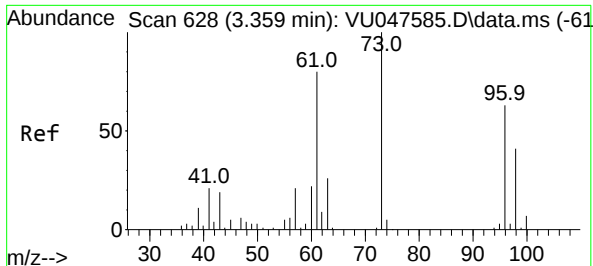
Tgt Ion: 62 Resp: 116589
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.5 43.7



#8
 Chloroethane
 Concen: 0.135 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.000 min
 Lab File: VU047593.D
 Acq: 16 Mar 2022 16:24

Tgt Ion: 64 Resp: 654
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.0 40.8#

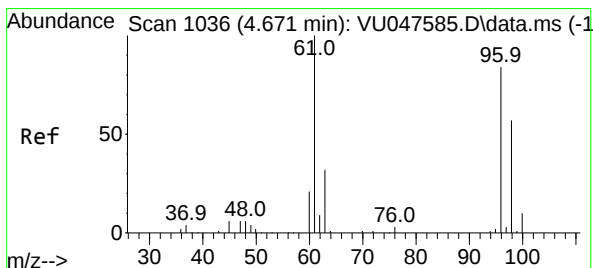
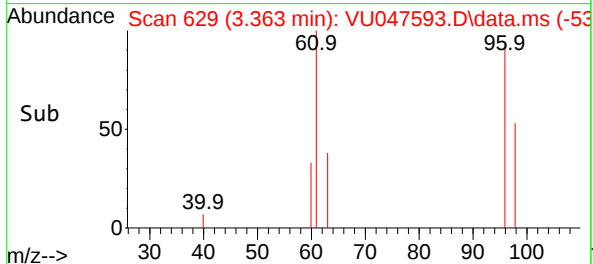
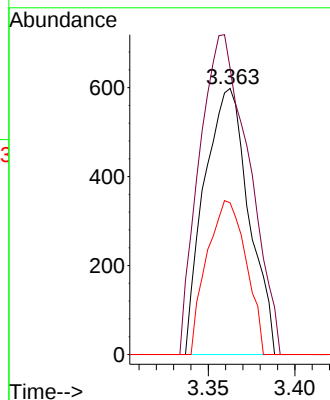
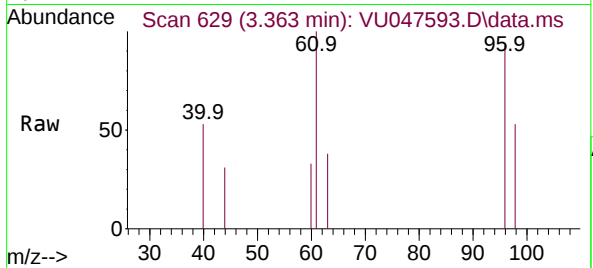




#18
trans-1,2-Dichloroethene
Concen: 0.155 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

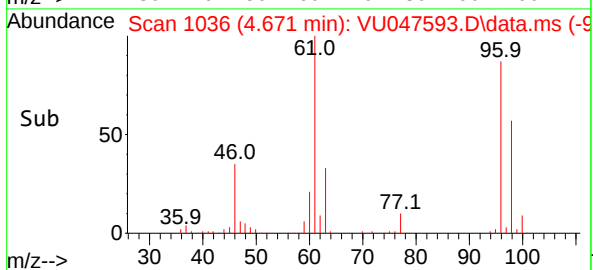
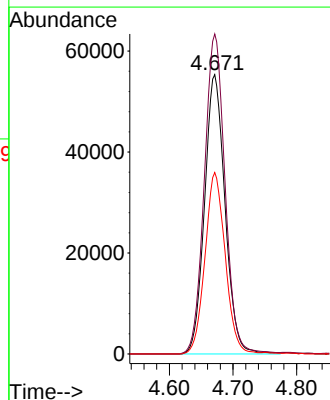
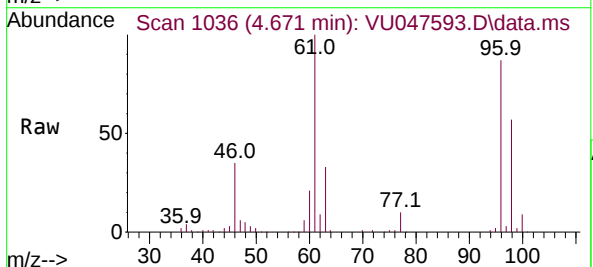
Instrument :
MSVOA_U
ClientSampleId :
ETNH4DL

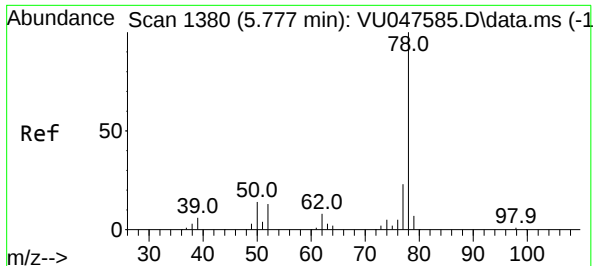
Tgt Ion: 96 Resp: 1069
Ion Ratio Lower Upper
96 100
61 107.5 91.7 170.3
98 57.0 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 16.227 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 96 Resp: 124014
Ion Ratio Lower Upper
96 100
61 114.6 83.9 155.7
98 65.0 46.4 86.2

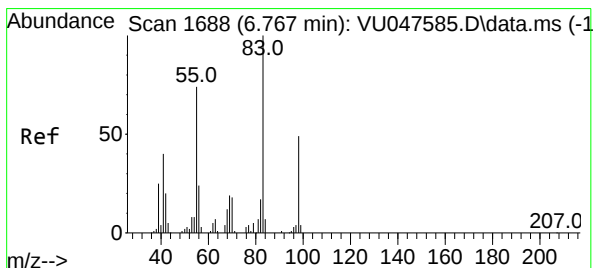
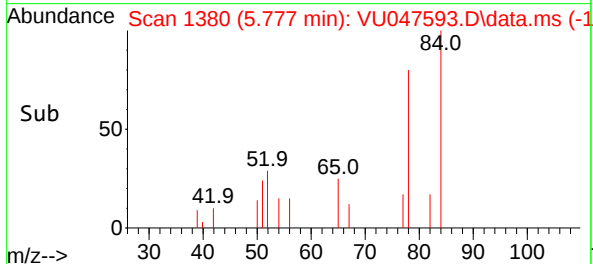
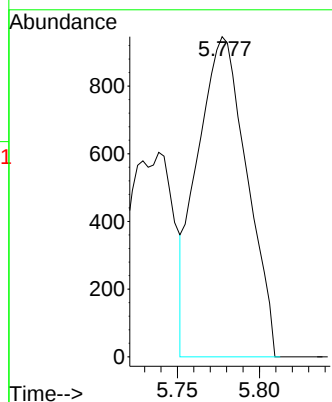
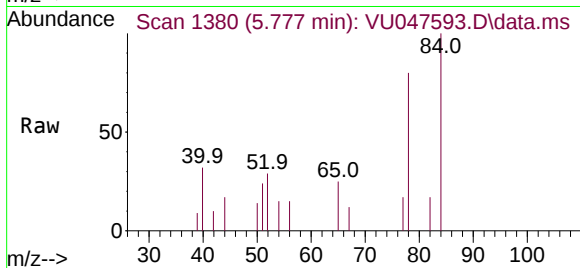




#33
Benzene
Concen: 0.068 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

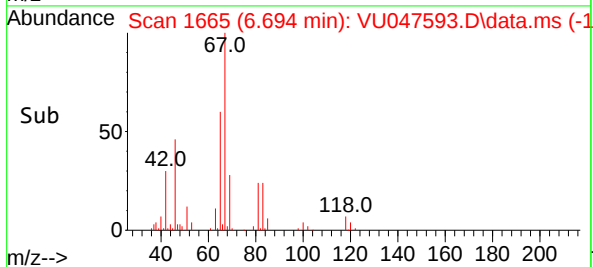
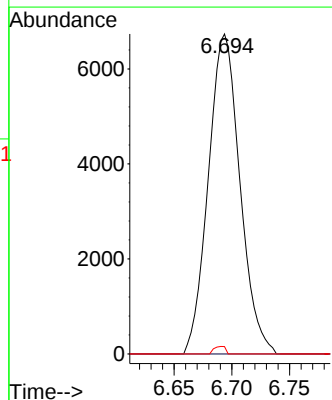
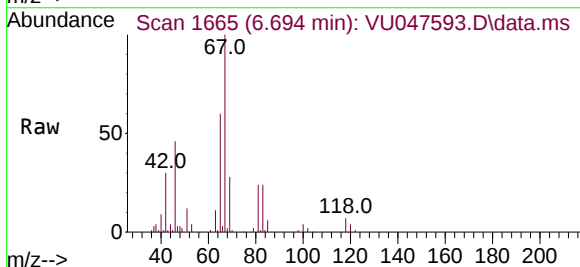
Instrument :
MSVOA_U
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ETNH4DL

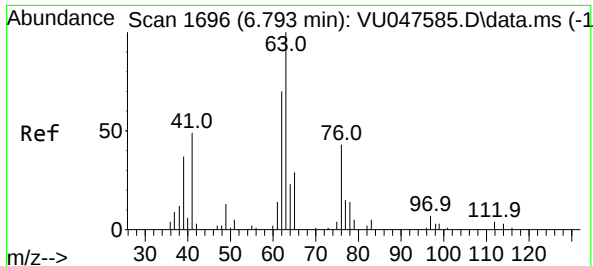
Tgt Ion: 78 Resp: 1982



#35
Methylcyclohexane
Concen: 1.161 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 83 Resp: 12824
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.8 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.778 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047593.D

Acq: 16 Mar 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

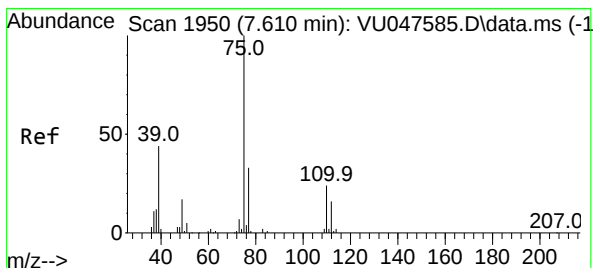
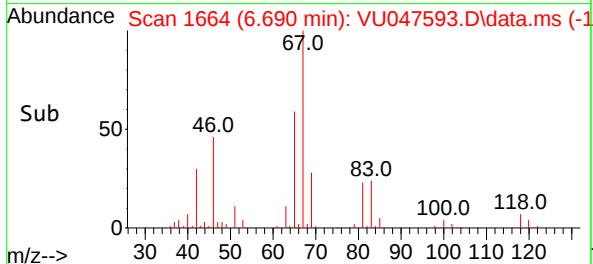
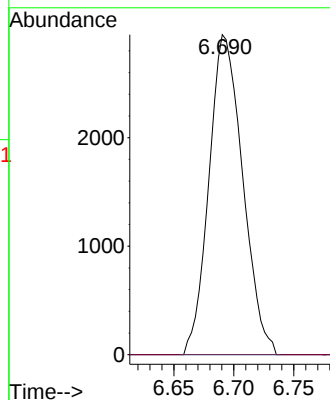
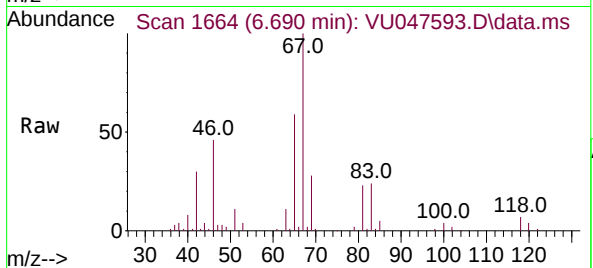
ETNH4DL

Tgt Ion: 63 Resp: 5774

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047593.D

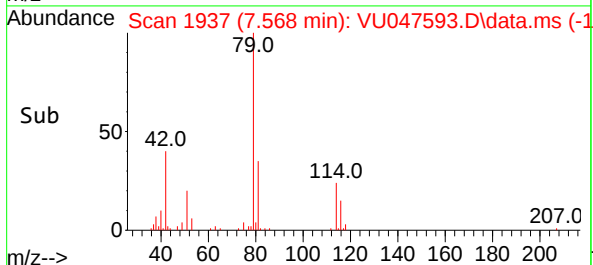
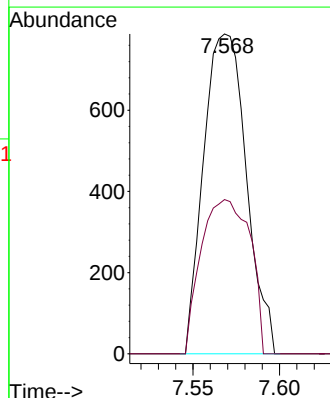
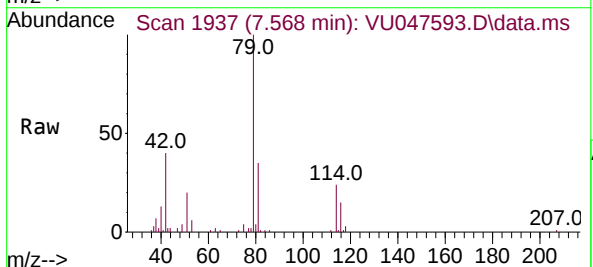
Acq: 16 Mar 2022 16:24

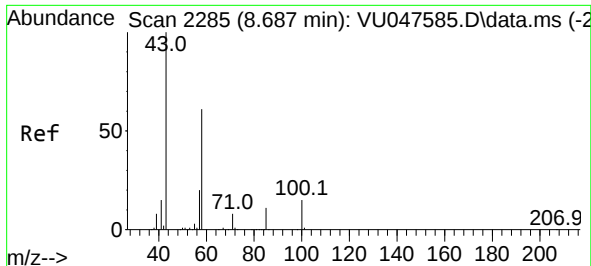
Tgt Ion: 75 Resp: 1353

Ion Ratio Lower Upper

75 100

77 48.2 22.6 42.0#

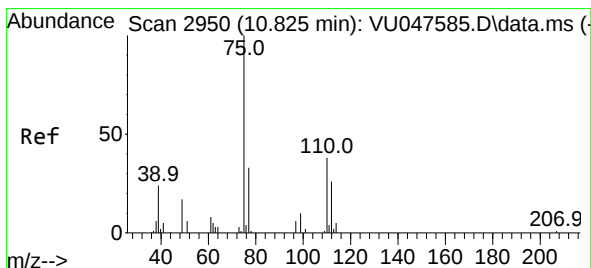
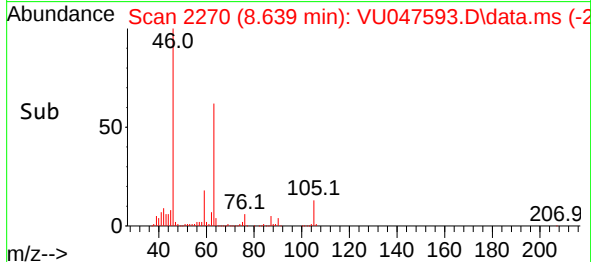
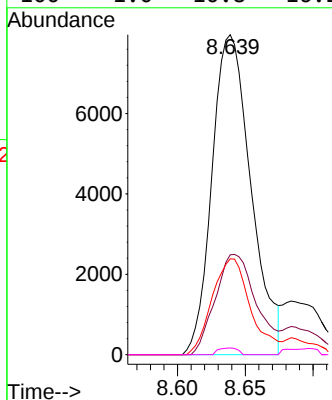
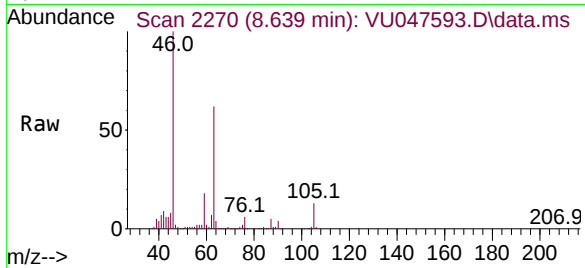




#48
2-Hexanone
Concen: 4.037 ug/L
RT: 8.639 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

Instrument :
MSVOA_U
ClientSampleId :
ETNH4DL

Tgt Ion: 43	Resp: 15896
Ion Ratio	Lower Upper
43 100	
58 33.1	47.5 71.3#
57 29.9	16.0 24.0#
100 1.0	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047593.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 75	Resp: 6533
Ion Ratio	Lower Upper
75 100	
110 2.1	30.2 45.4#
77 32.6	26.6 39.8

