

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047553.D
 Acq On : 14 Mar 2022 22:27
 Operator : SY/MD
 Sample : N1858-06RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH1

Quant Time: Mar 15 06:16:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

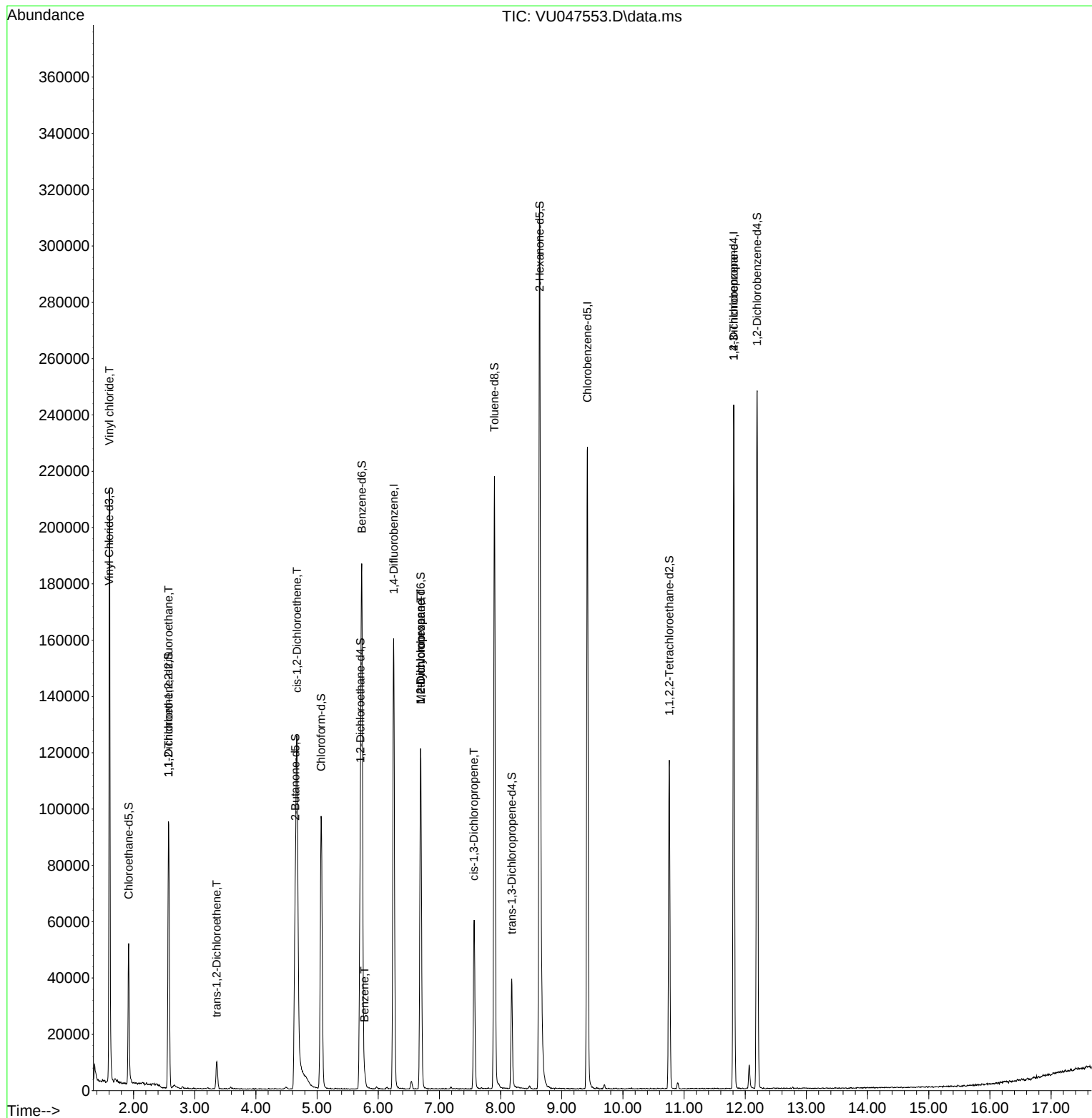
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137061	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	134653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39865	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.919	69	38178	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.571	65	17715	4.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.645	46	139312	54.015	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	5.066	84	91634	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.706	65	52710	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	178113	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.693	67	59511	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.899	98	152195	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.182	79	22719	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.639	63	129076	48.048	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57396	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	69253	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	116030	13.604	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	508	0.072	ug/L #	18
18) trans-1,2-Dichloroethene	3.359	96	4228	0.576	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	50509	6.202	ug/L	96
33) Benzene	5.774	78	4295	0.141	ug/L	100
35) Methylcyclohexane	6.693	83	13691	1.180	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6185	0.793	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1471	0.121	ug/L	84
61) 1,2,3-Trichloropropane	11.812	75	7253	1.265	ug/L #	67

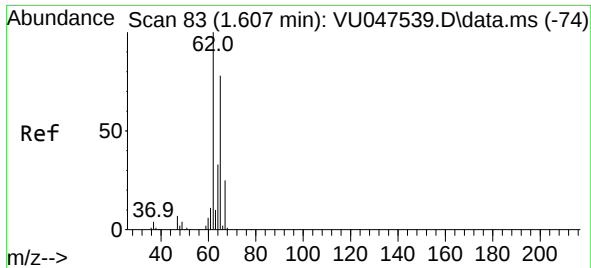
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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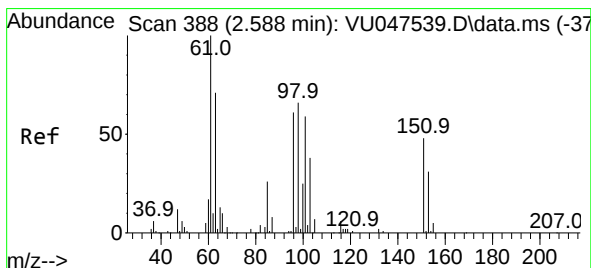
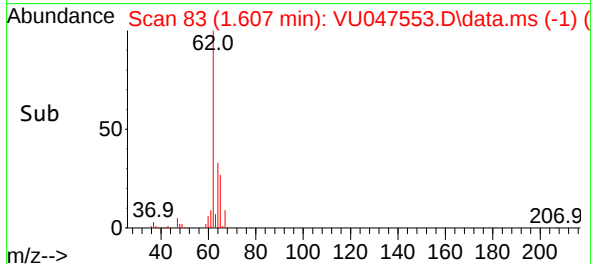
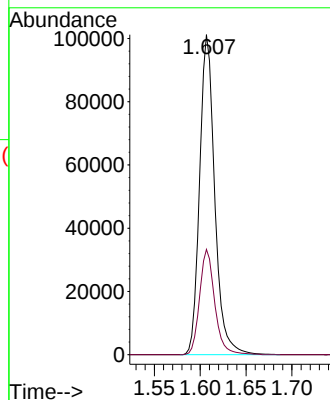
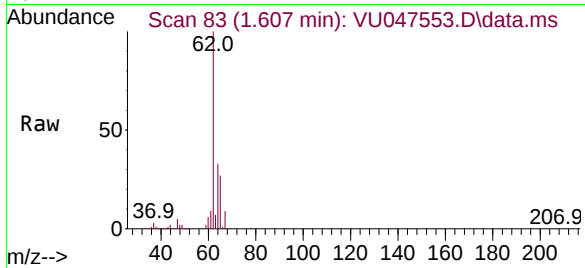




#5
 Vinyl chloride
 Concen: 13.604 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047553.D
 Acq: 14 Mar 2022 22:27

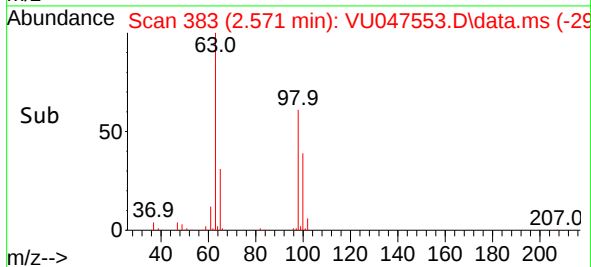
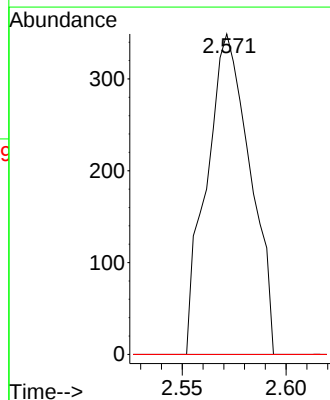
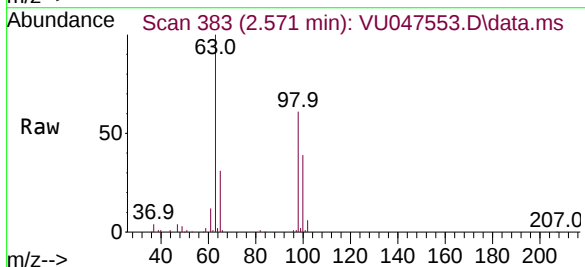
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH1

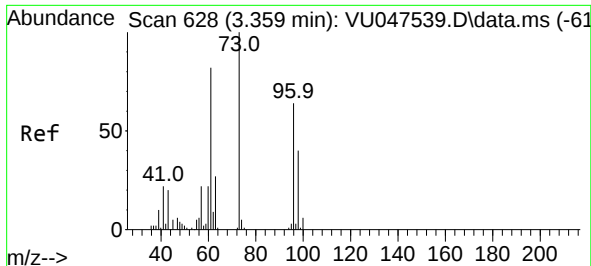
Tgt Ion: 62 Resp: 116030
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.072 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047553.D
 Acq: 14 Mar 2022 22:27

Tgt Ion: 101 Resp: 508
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#

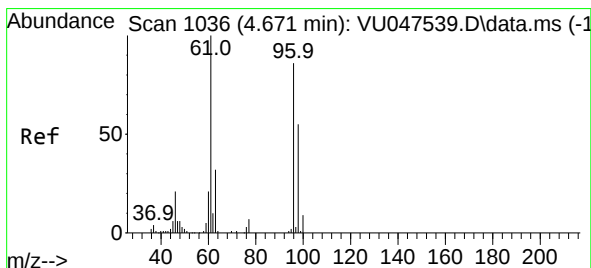
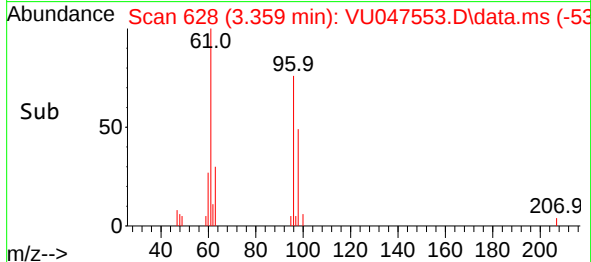
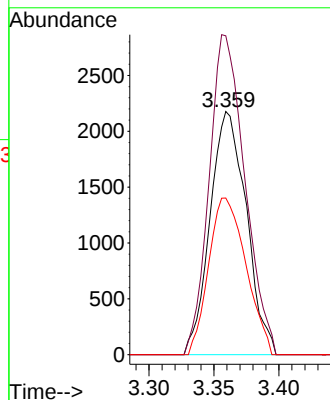
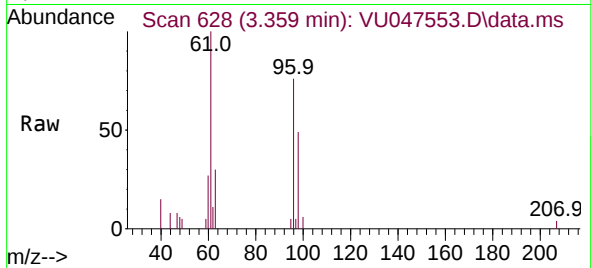




#18
trans-1,2-Dichloroethene
Concen: 0.576 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047553.D
Acq: 14 Mar 2022 22:27

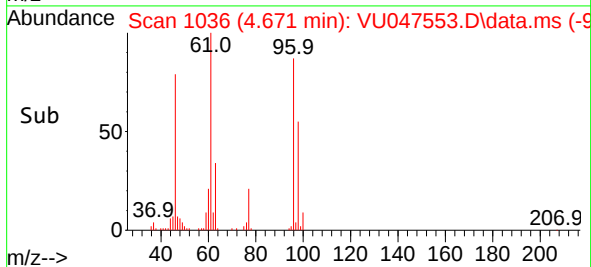
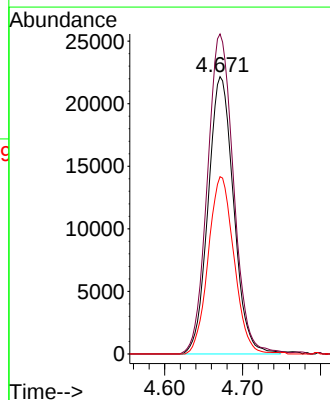
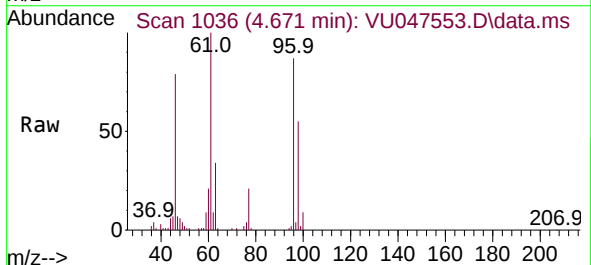
Instrument :
MSVOA_U
ClientSampleId :
ETNH1

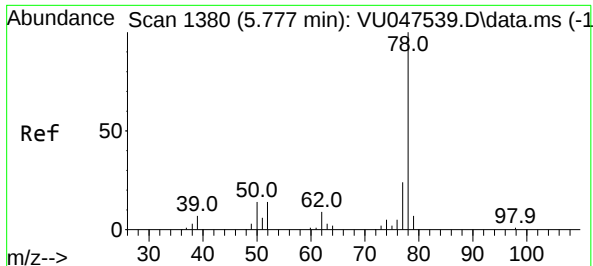
Tgt Ion: 96 Resp: 4228
Ion Ratio Lower Upper
96 100
61 131.1 91.7 170.3
98 64.4 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 6.202 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047553.D
Acq: 14 Mar 2022 22:27

Tgt Ion: 96 Resp: 50509
Ion Ratio Lower Upper
96 100
61 115.4 83.9 155.7
98 63.9 46.4 86.2

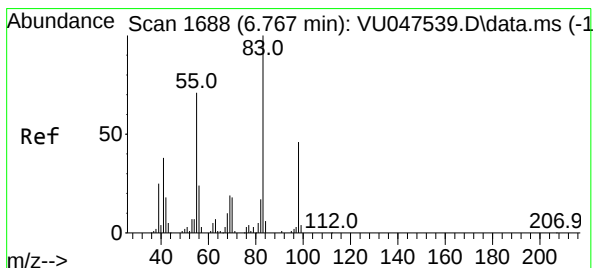
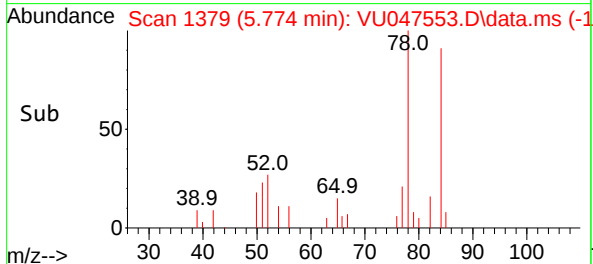
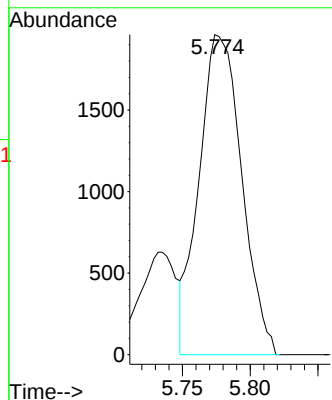
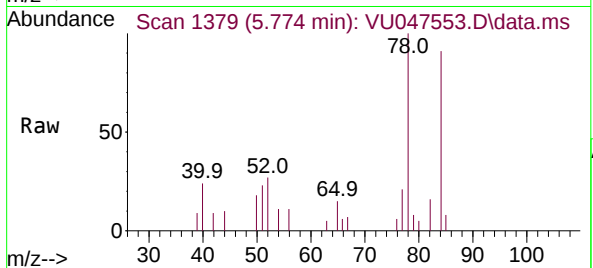




#33
Benzene
Concen: 0.141 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047553.D
Acq: 14 Mar 2022 22:27

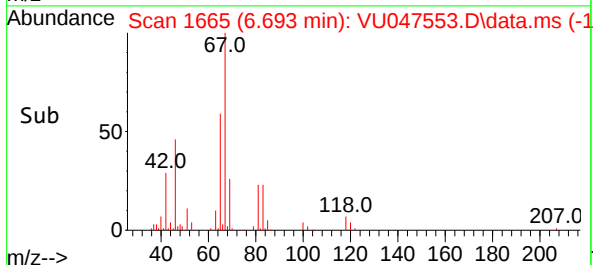
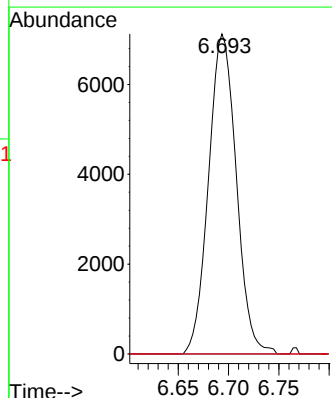
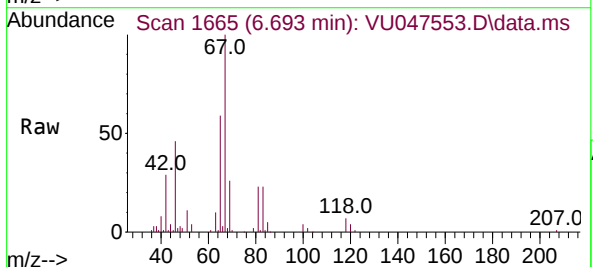
Instrument :
MSVOA_U
ClientSampleId :
ETNH1

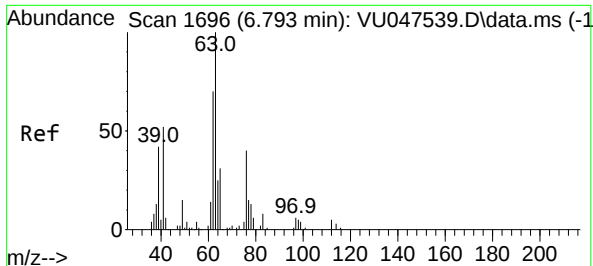
Tgt Ion: 78 Resp: 4295



#35
Methylcyclohexane
Concen: 1.180 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047553.D
Acq: 14 Mar 2022 22:27

Tgt Ion: 83 Resp: 13691
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.793 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047553.D

Acq: 14 Mar 2022 22:27

Instrument :

MSVOA_U

ClientSampleId :

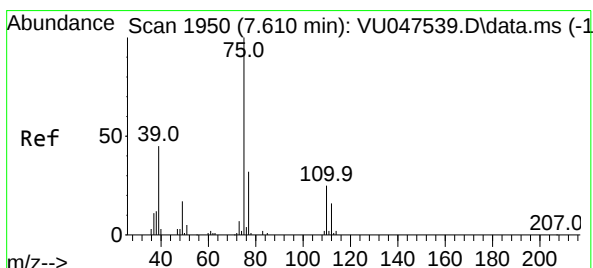
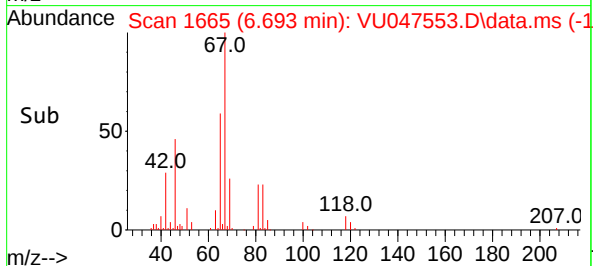
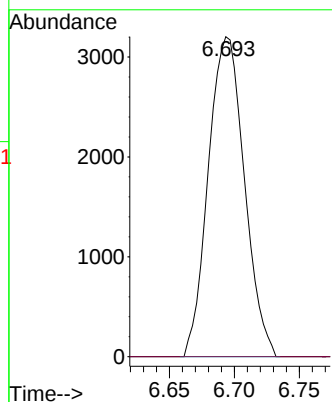
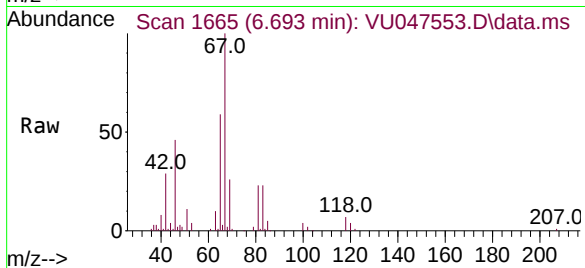
ETNH1

Tgt Ion: 63 Resp: 6185

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047553.D

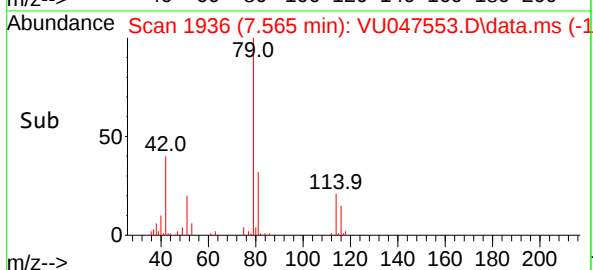
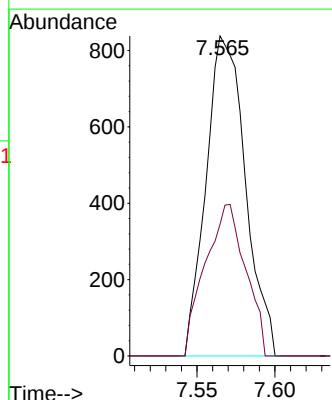
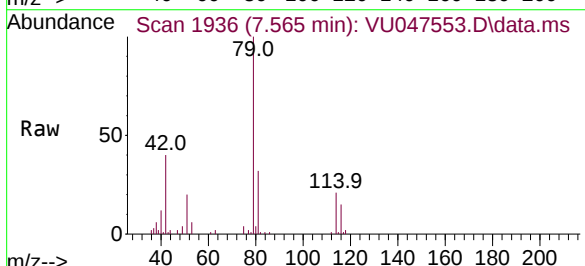
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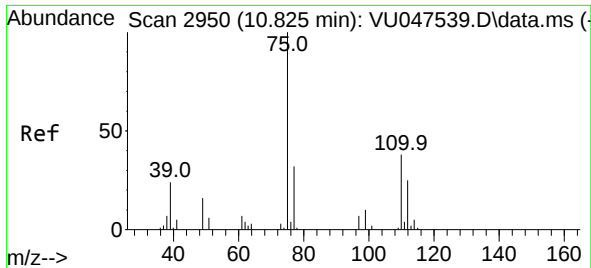
Tgt Ion: 75 Resp: 1471

Ion Ratio Lower Upper

75 100

77 41.2 22.6 42.0





#61
1,2,3-Trichloropropane
Concen: 1.265 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047553.D
Acq: 14 Mar 2022 22:27

Instrument :
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Tgt Ion: 75 Resp: 7253
Ion Ratio Lower Upper
75 100
110 0.9 30.2 45.4#
77 32.6 26.6 39.8

