

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047554.D
 Acq On : 14 Mar 2022 22:50
 Operator : SY/MD
 Sample : N1858-07RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH2

Quant Time: Mar 15 06:17:03 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)

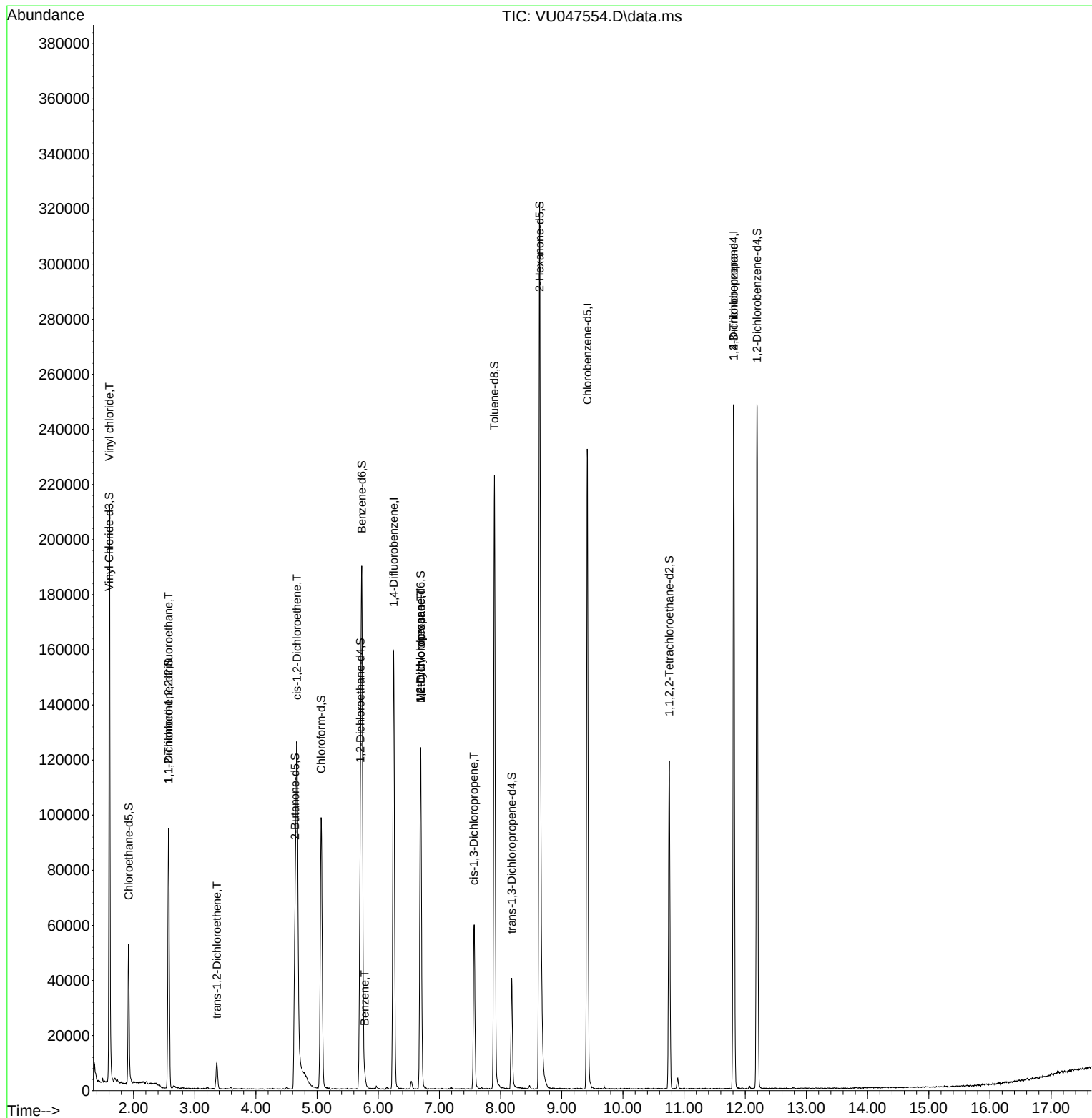
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40116	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.919	69	38344	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.571	65	17651	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.642	46	137983	53.077	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	5.067	84	93322	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.706	65	53462	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.732	84	179898	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.693	67	59844	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	154239	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.182	79	22840	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.639	63	131574	48.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58957	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	71612	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	116134	13.509	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	443	0.062	ug/L #	18
18) trans-1,2-Dichloroethene	3.362	96	4401	0.595	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	50805	6.189	ug/L	99
33) Benzene	5.777	78	4232	0.138	ug/L	100
35) Methylcyclohexane	6.693	83	14361	1.224	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6486	0.823	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1363	0.111	ug/L #	79
61) 1,2,3-Trichloropropane	11.812	75	7338	1.268	ug/L #	67

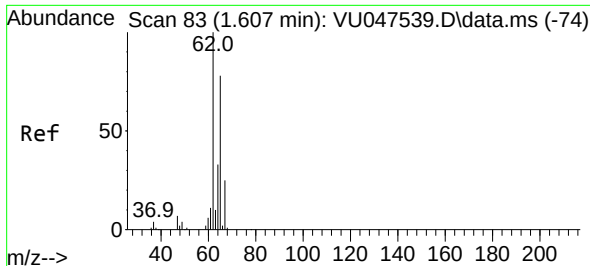
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047554.D
Acq On : 14 Mar 2022 22:50
Operator : SY/MD
Sample : N1858-07RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNH2

Quant Time: Mar 15 06:17:03 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

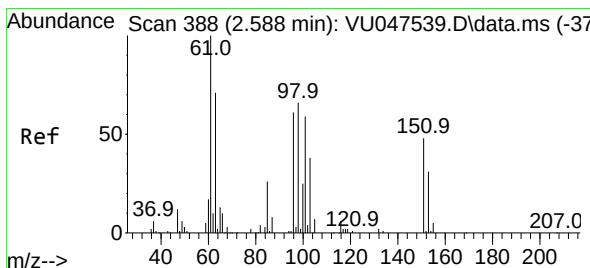
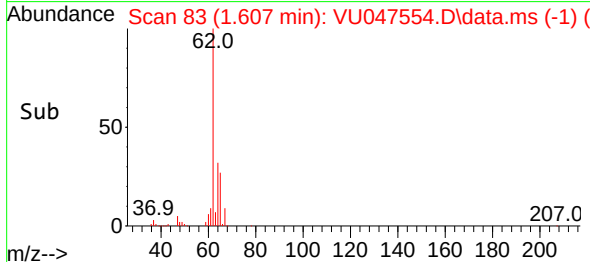
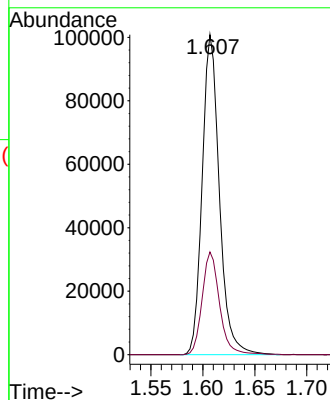
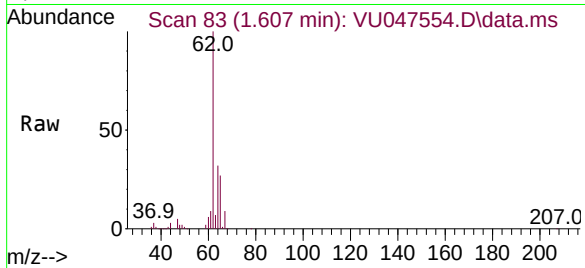




#5
 Vinyl chloride
 Concen: 13.509 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047554.D
 Acq: 14 Mar 2022 22:50

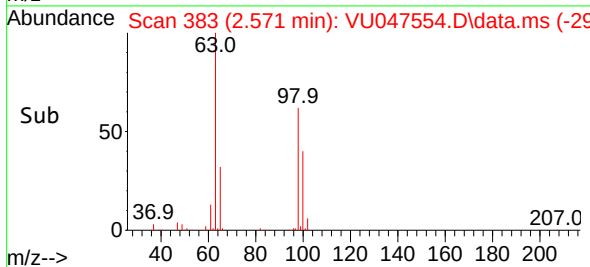
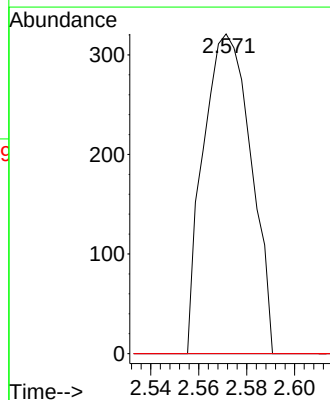
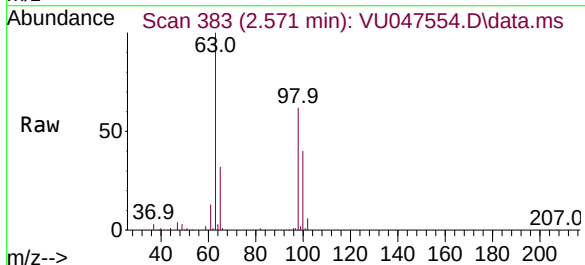
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH2

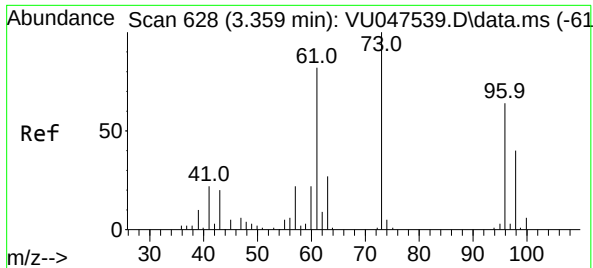
Tgt Ion: 62 Resp: 116134
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.062 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047554.D
 Acq: 14 Mar 2022 22:50

Tgt Ion: 101 Resp: 443
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#

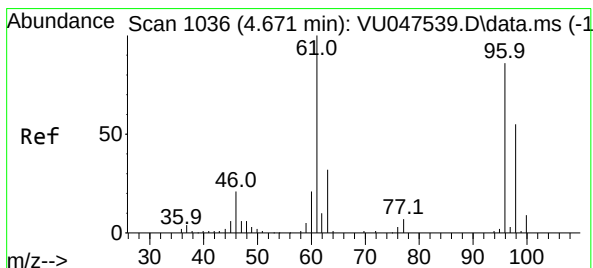
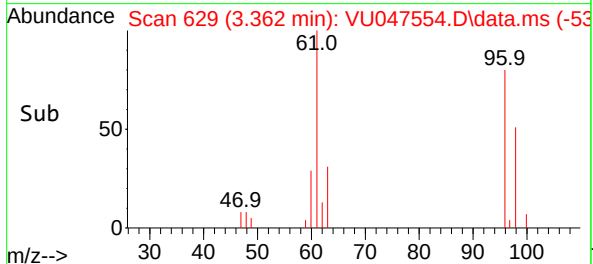
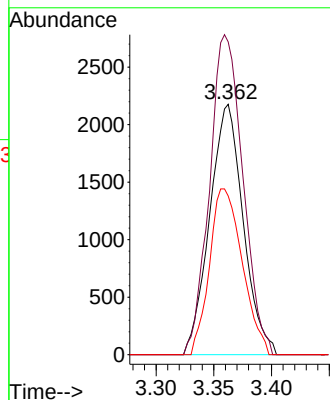
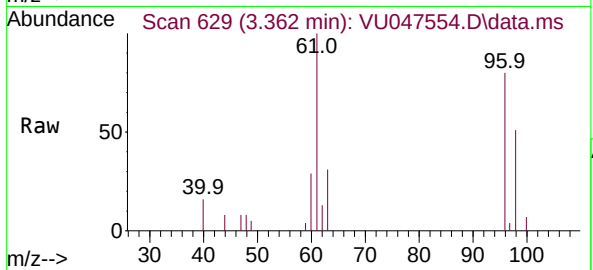




#18
trans-1,2-Dichloroethene
Concen: 0.595 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047554.D
Acq: 14 Mar 2022 22:50

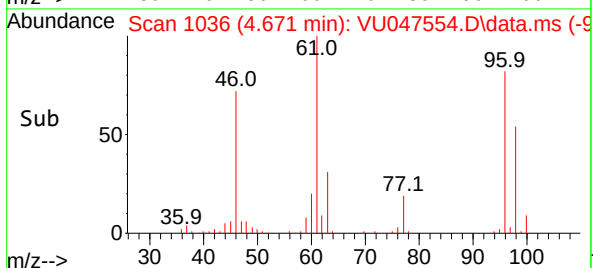
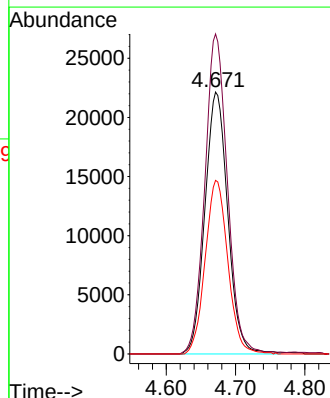
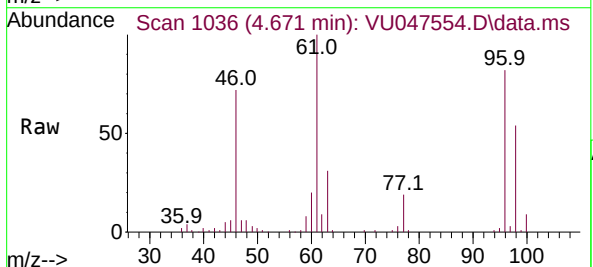
Instrument :
MSVOA_U
ClientSampleId :
ETNH2

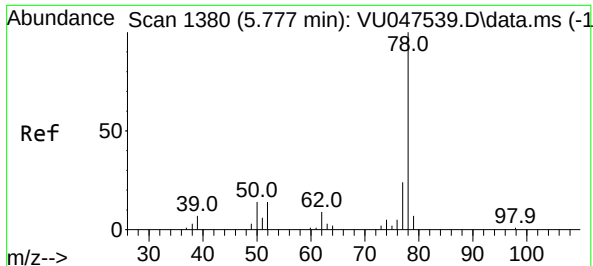
Tgt Ion: 96 Resp: 4401
Ion Ratio Lower Upper
96 100
61 124.9 91.7 170.3
98 63.4 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 6.189 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047554.D
Acq: 14 Mar 2022 22:50

Tgt Ion: 96 Resp: 50805
Ion Ratio Lower Upper
96 100
61 122.1 83.9 155.7
98 66.2 46.4 86.2

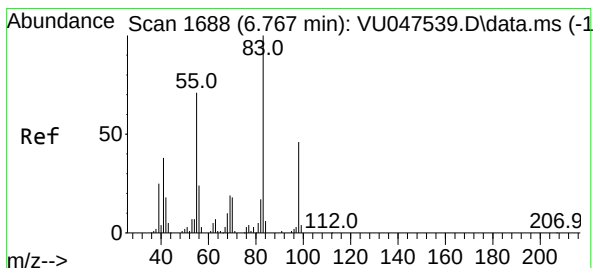
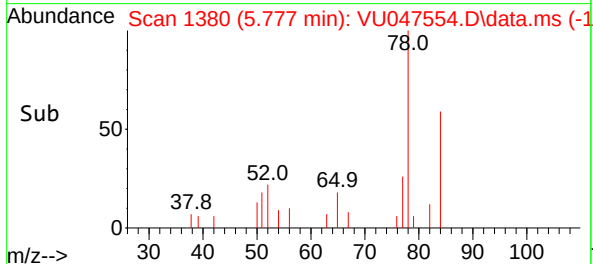
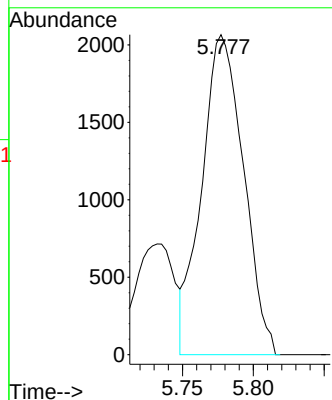
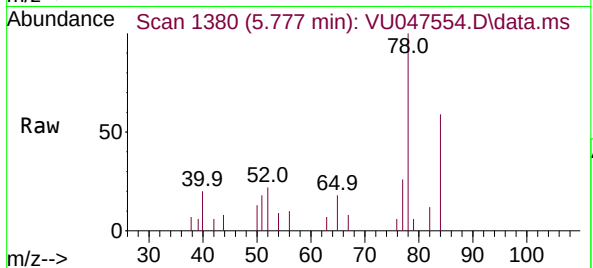




#33
Benzene
Concen: 0.138 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047554.D
Acq: 14 Mar 2022 22:50

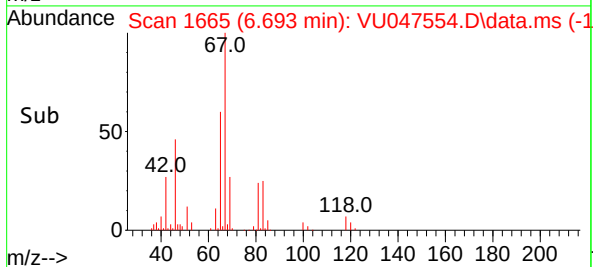
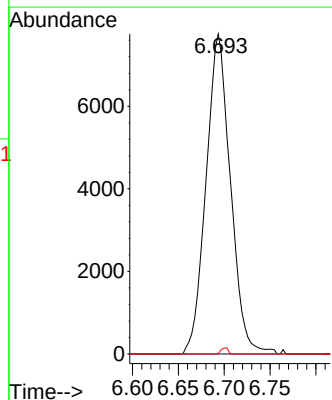
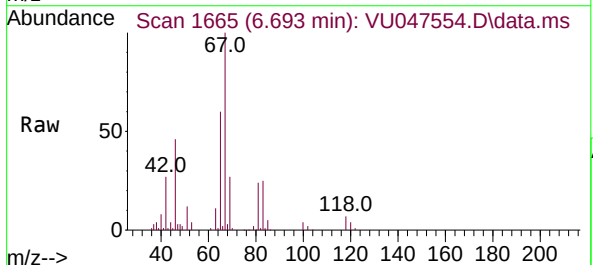
Instrument :
MSVOA_U
ClientSampleId :
ETNH2

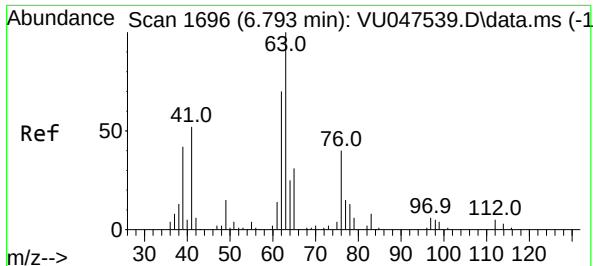
Tgt Ion: 78 Resp: 4232



#35
Methylcyclohexane
Concen: 1.224 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047554.D
Acq: 14 Mar 2022 22:50

Tgt Ion: 83 Resp: 14361
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.823 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047554.D

Acq: 14 Mar 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

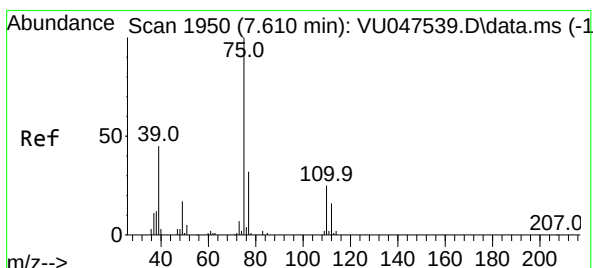
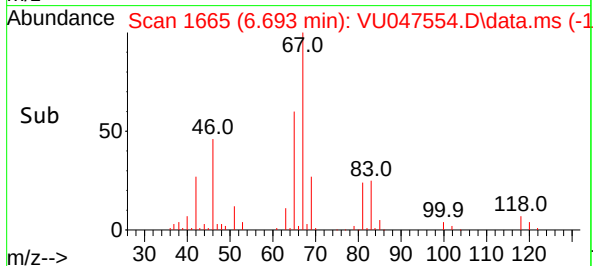
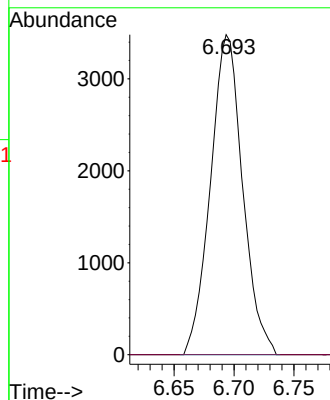
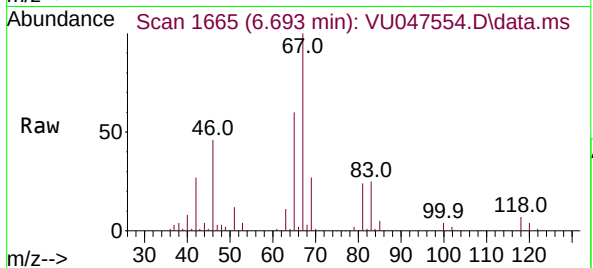
ETNH2

Tgt Ion: 63 Resp: 6486

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047554.D

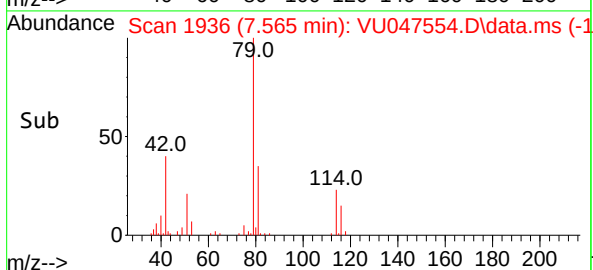
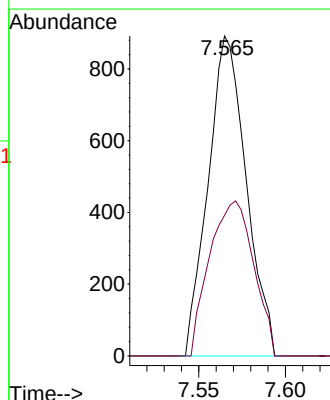
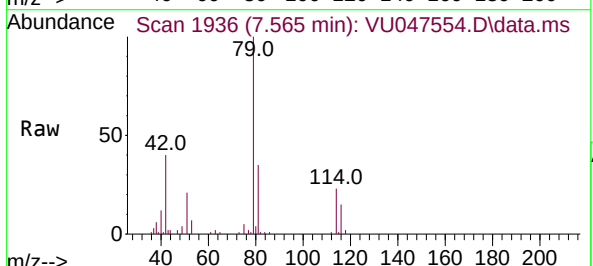
Acq: 14 Mar 2022 22:50

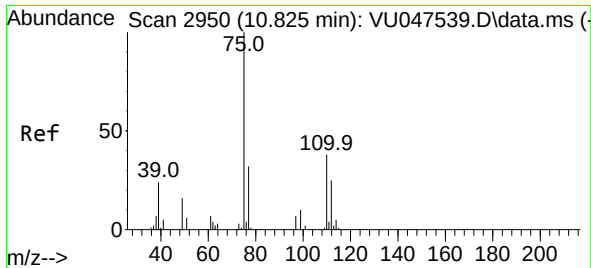
Tgt Ion: 75 Resp: 1363

Ion Ratio Lower Upper

75 100

77 43.9 22.6 42.0#





#61

1,2,3-Trichloropropane

Concen: 1.268 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047554.D

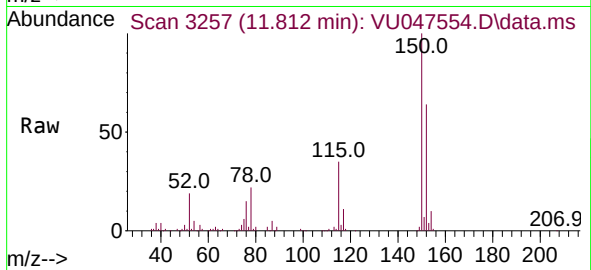
Acq: 14 Mar 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

ETNH2



Tgt Ion: 75 Resp: 7338

Ion Ratio Lower Upper

75 100

110 1.6 30.2 45.4#

77 31.7 26.6 39.8

