

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047519.D
 Acq On : 12 Mar 2022 02:14
 Operator : SY/MD
 Sample : N1858-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH1

Quant Time: Mar 14 01:44:05 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)

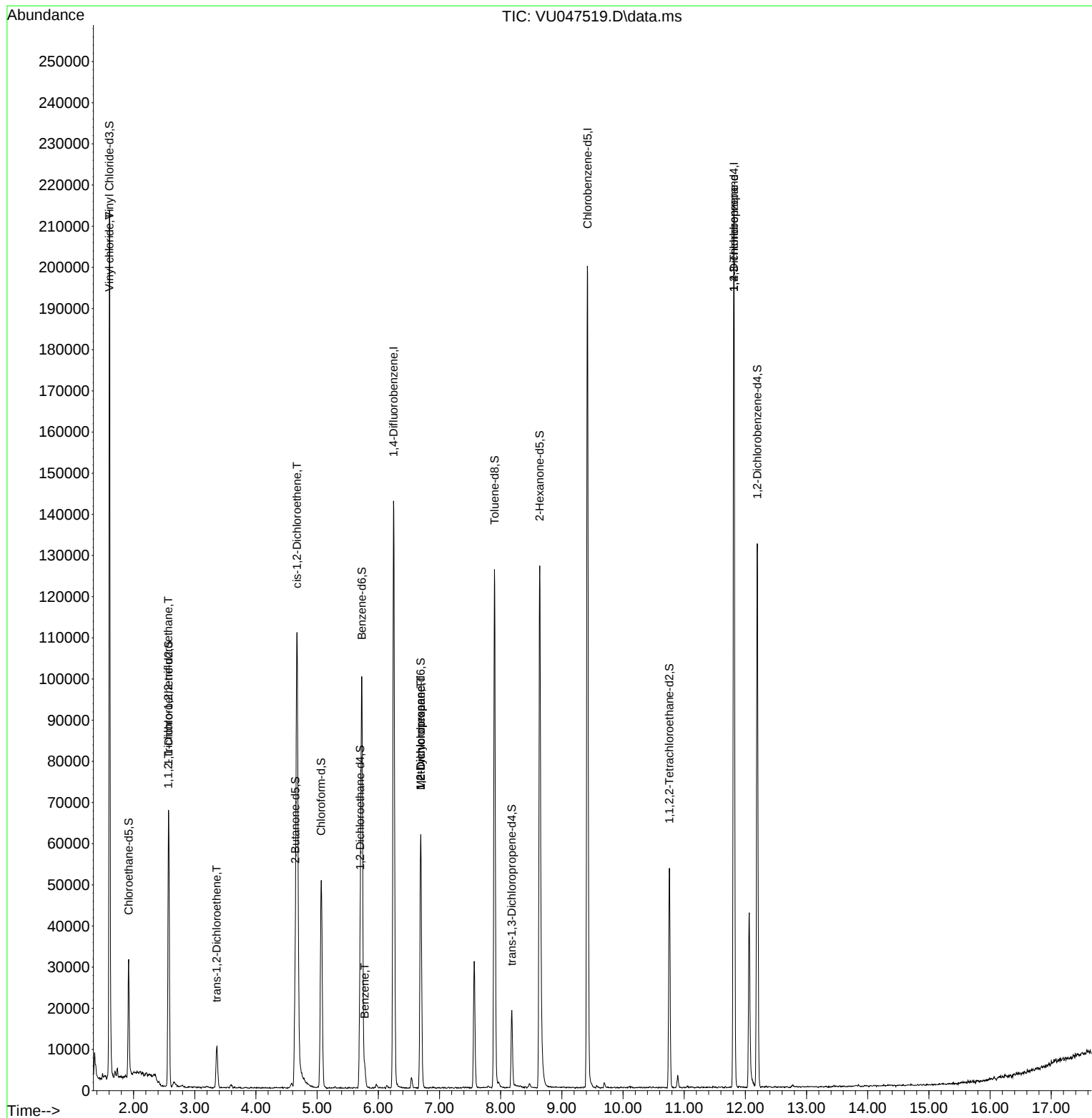
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	122205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27905	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.919	69	21905	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.571	65	12418	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.645	46	55132	46.721	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.440%
24) Chloroform-d	5.067	84	48634	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.703	65	24568	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	96714	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.693	67	29752	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.899	98	88026	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.182	79	11052	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.639	63	50574	40.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26759	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36752	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	124995	13.908	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	344	0.047	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	4647	0.605	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	53061	6.234	ug/L	100
33) Benzene	5.777	78	4737	0.146	ug/L	100
35) Methylcyclohexane	6.693	83	6977	0.511	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	3191	0.396	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	6345	1.121	ug/L #	67

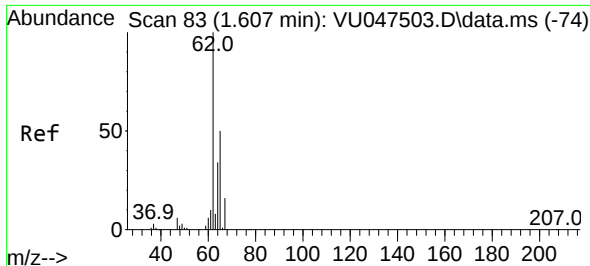
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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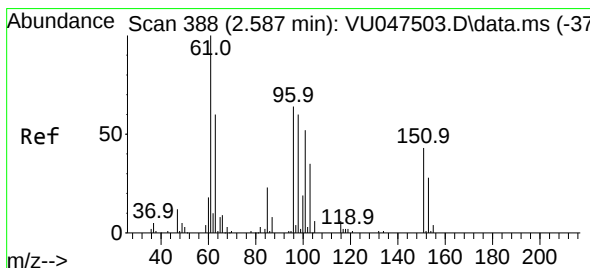
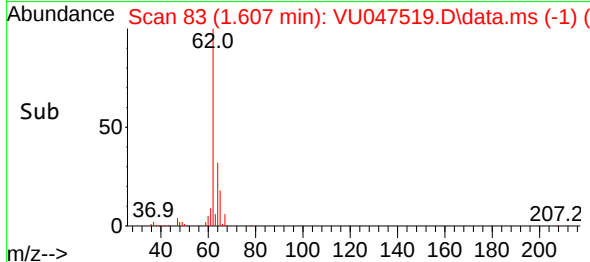
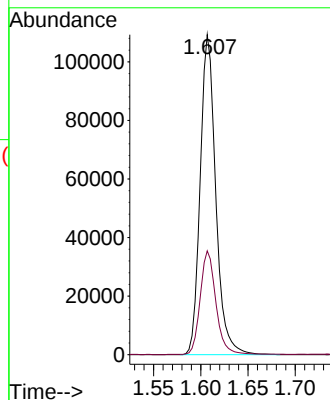
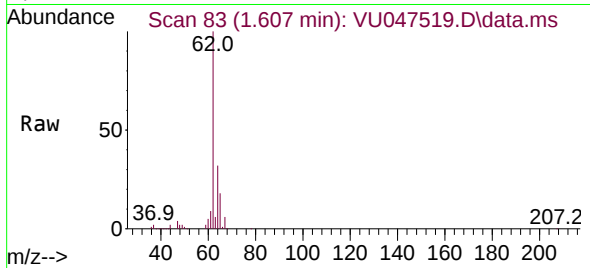




#5
 Vinyl chloride
 Concen: 13.908 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047519.D
 Acq: 12 Mar 2022 02:14

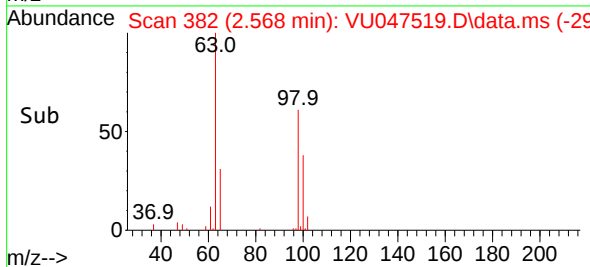
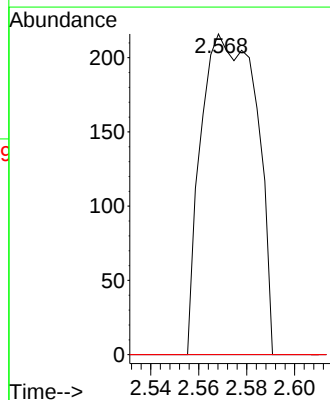
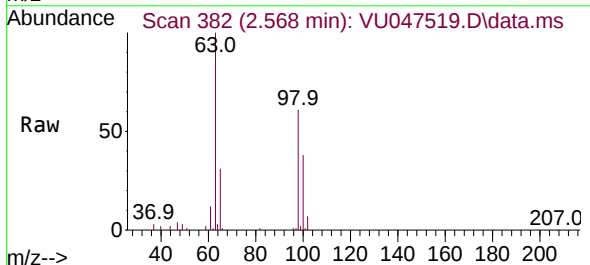
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH1

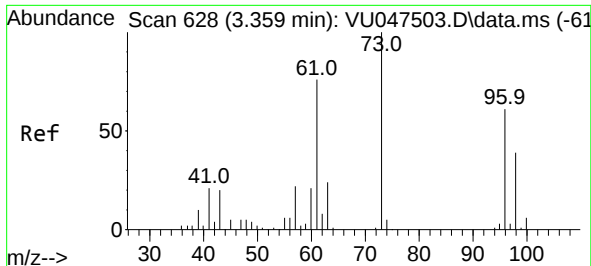
Tgt Ion: 62 Resp: 124995
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.047 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU047519.D
 Acq: 12 Mar 2022 02:14

Tgt Ion: 101 Resp: 344
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#

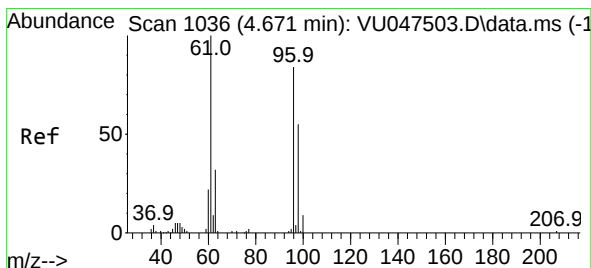
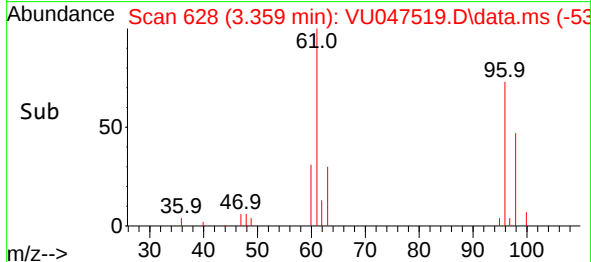
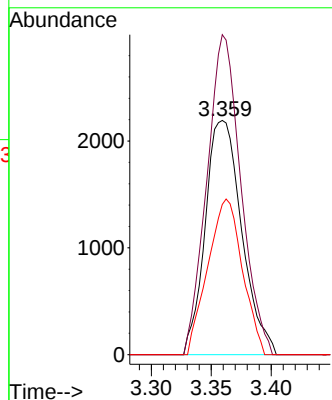
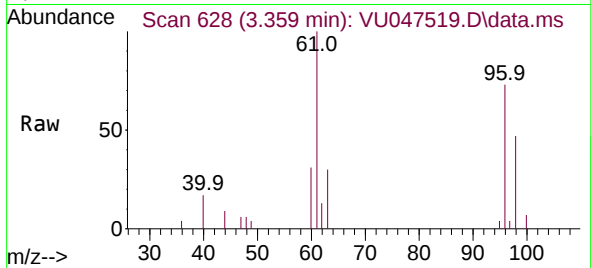




#18
trans-1,2-Dichloroethene
Concen: 0.605 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047519.D
Acq: 12 Mar 2022 02:14

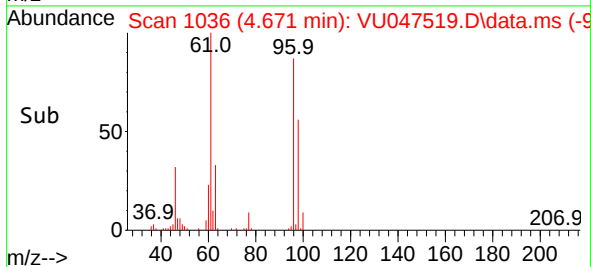
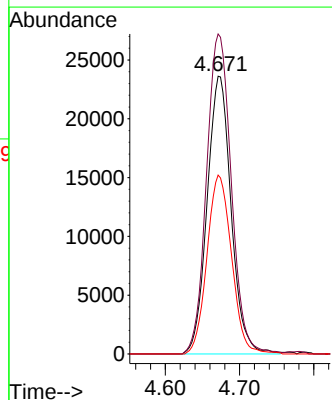
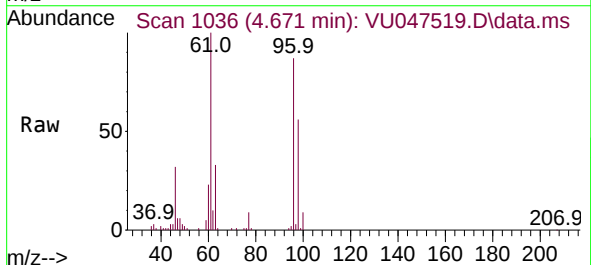
Instrument :
MSVOA_U
ClientSampleId :
ETNH1

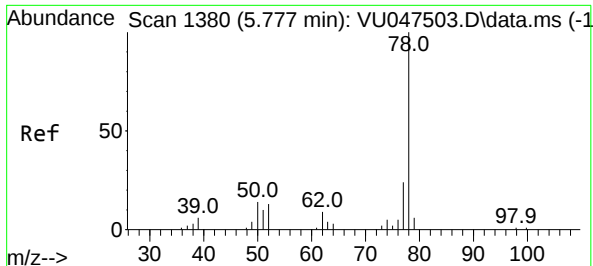
Tgt Ion: 96 Resp: 4647
Ion Ratio Lower Upper
96 100
61 136.6 90.4 167.8
98 64.1 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 6.234 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047519.D
Acq: 12 Mar 2022 02:14

Tgt Ion: 96 Resp: 53061
Ion Ratio Lower Upper
96 100
61 115.2 80.8 150.0
98 64.4 44.7 83.1





#33

Benzene

Concen: 0.146 ug/L

RT: 5.777 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047519.D

Acq: 12 Mar 2022 02:14

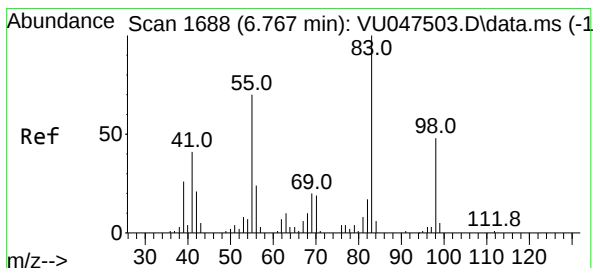
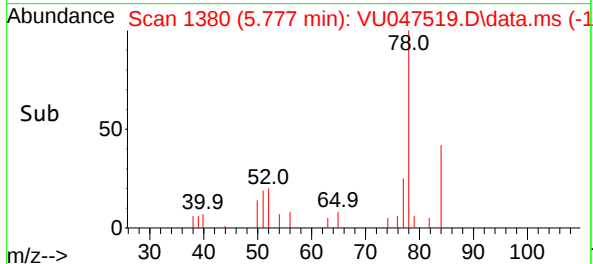
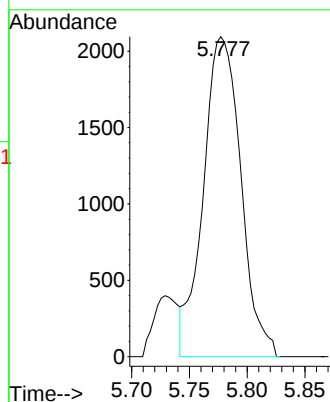
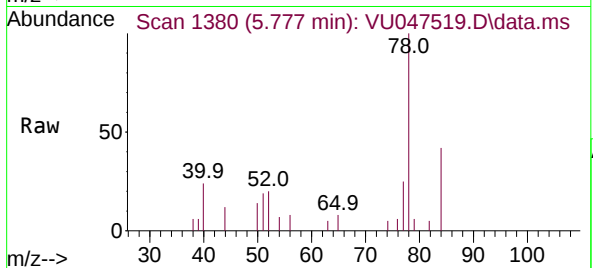
Instrument :

MSVOA_U

ClientSampleId :

ETNH1

Tgt Ion: 78 Resp: 4737



#35

Methylcyclohexane

Concen: 0.511 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047519.D

Acq: 12 Mar 2022 02:14

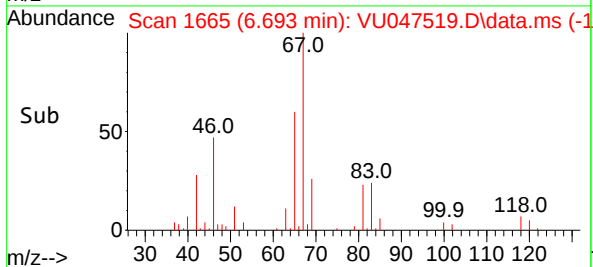
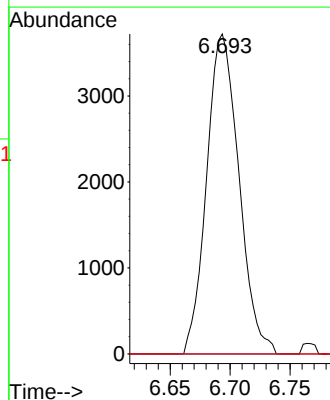
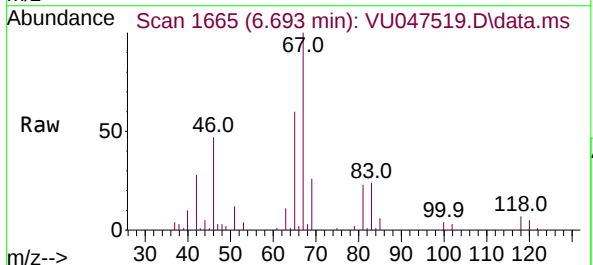
Tgt Ion: 83 Resp: 6977

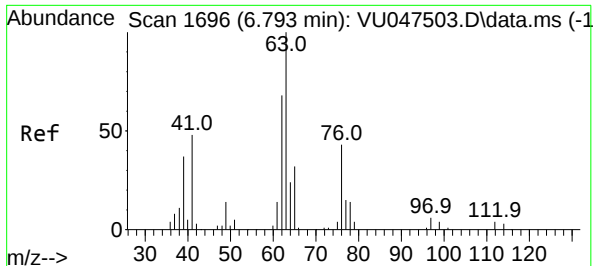
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.0 38.0 57.0#

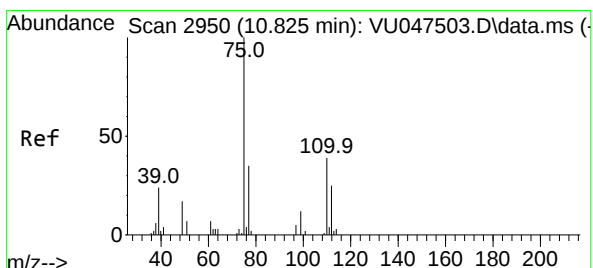
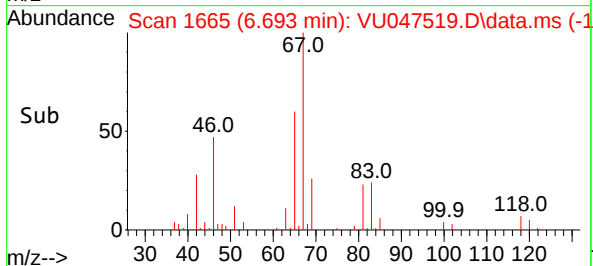
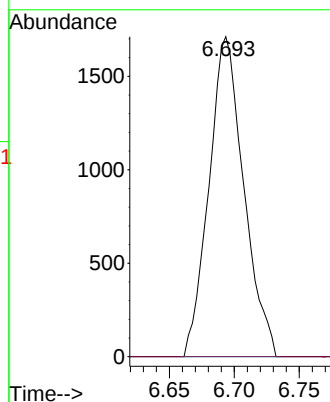
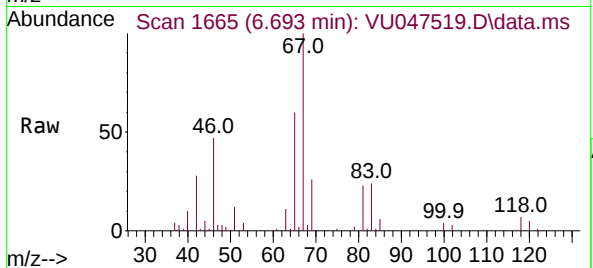




#37
1,2-Dichloropropane
Concen: 0.396 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047519.D
Acq: 12 Mar 2022 02:14

Instrument :
MSVOA_U
ClientSampleId :
ETNH1

Tgt Ion: 63 Resp: 3191
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.121 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047519.D
Acq: 12 Mar 2022 02:14

Tgt Ion: 75 Resp: 6345
Ion Ratio Lower Upper
75 100
110 2.1 31.0 46.4#
77 32.2 26.2 39.4

