

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047448.D
 Acq On : 10 Mar 2022 10:01
 Operator : SY/MD
 Sample : N1857-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL5

Quant Time: Mar 11 00:17:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

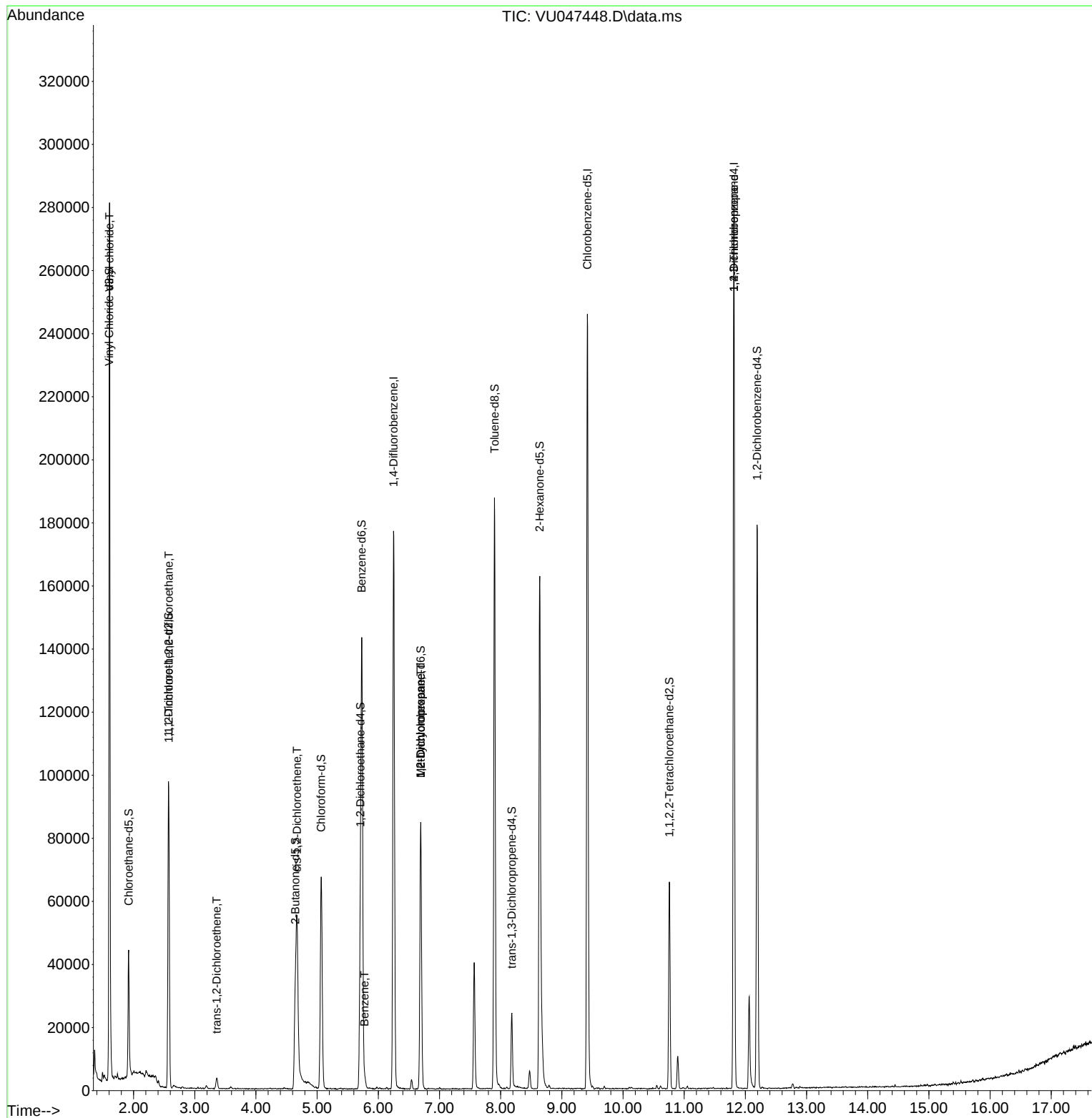
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	152515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40592	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.919	69	30209	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.572	65	18175	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.645	46	65700	44.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.220%
24) Chloroform-d	5.067	84	63482	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.707	65	33606	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.729	84	137959	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.694	67	41152	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	129010	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	13922	3.997	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.639	63	68429	44.602	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32147	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	50394	5.099	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	161167	14.369	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	469	0.051	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	1798	0.188	ug/L	88
22) cis-1,2-Dichloroethene	4.671	96	20385	1.919	ug/L	99
33) Benzene	5.774	78	3592	0.090	ug/L	100
35) Methylcyclohexane	6.694	83	9690	0.577	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4327	0.436	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8183	1.133	ug/L #	66

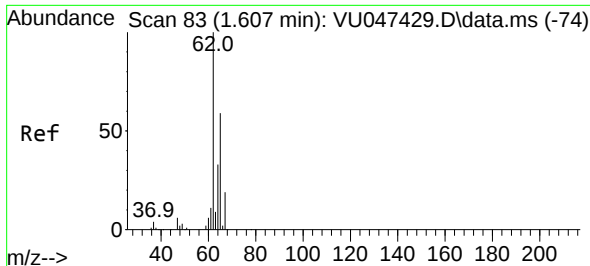
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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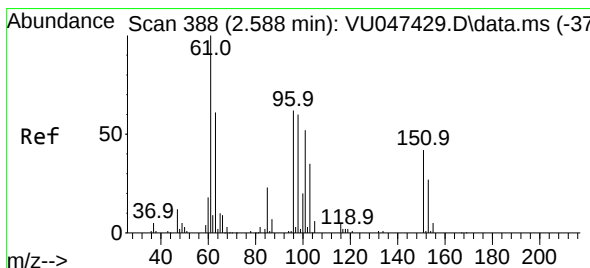
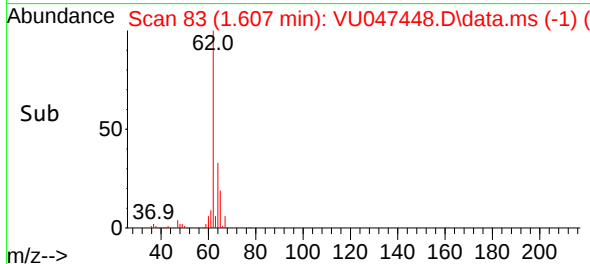
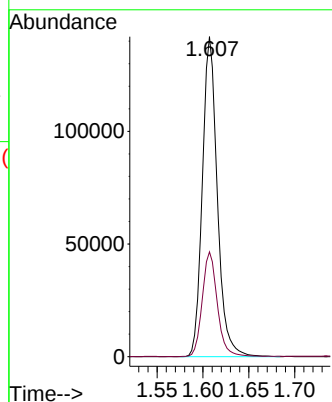
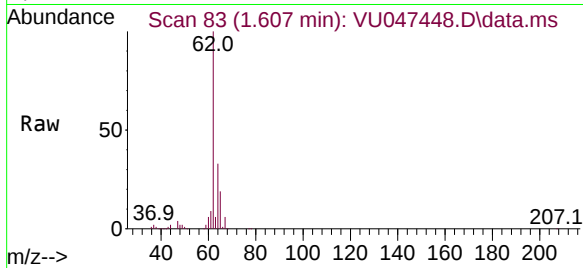




#5
 Vinyl chloride
 Concen: 14.369 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047448.D
 Acq: 10 Mar 2022 10:01

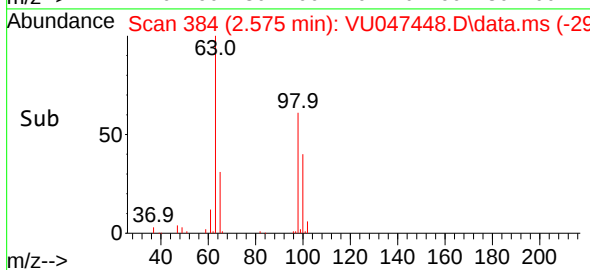
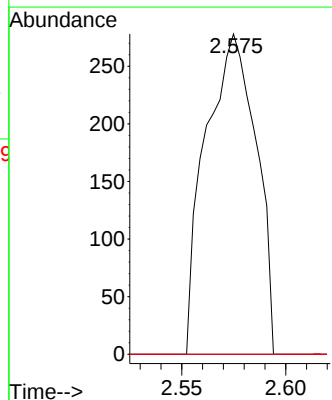
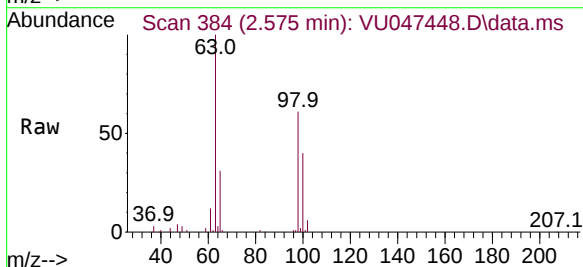
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL5

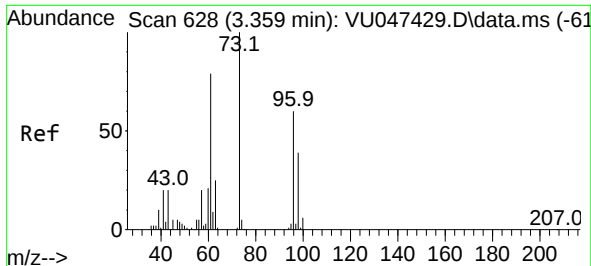
Tgt Ion: 62 Resp: 161167
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047448.D
 Acq: 10 Mar 2022 10:01

Tgt Ion: 101 Resp: 469
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#

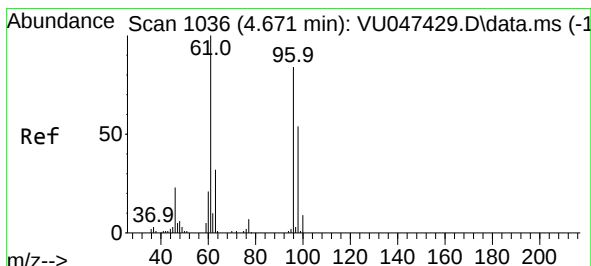
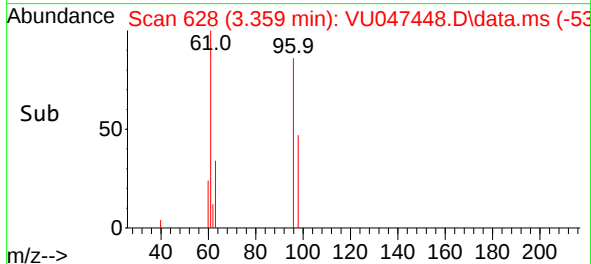
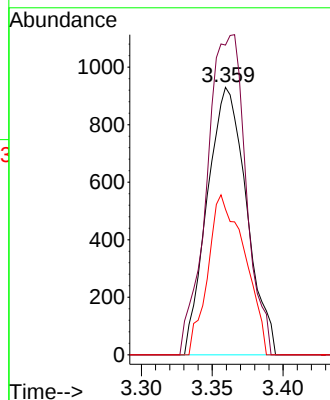
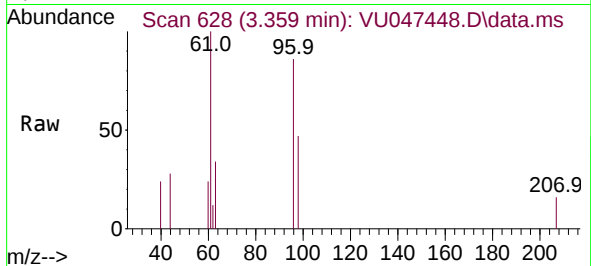




#18
trans-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

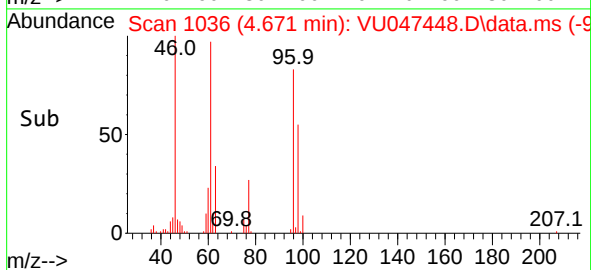
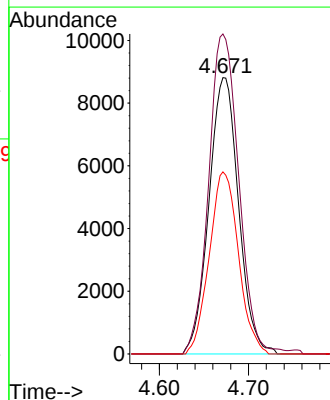
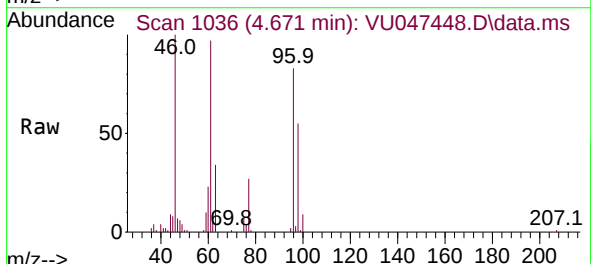
Instrument :
MSVOA_U
ClientSampleId :
ETNL5

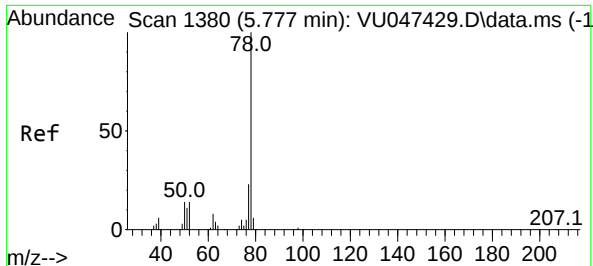
Tgt Ion: 96 Resp: 1798
Ion Ratio Lower Upper
96 100
61 115.8 90.4 167.8
98 54.4 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 1.919 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

Tgt Ion: 96 Resp: 20385
Ion Ratio Lower Upper
96 100
61 115.8 80.8 150.0
98 65.9 44.7 83.1

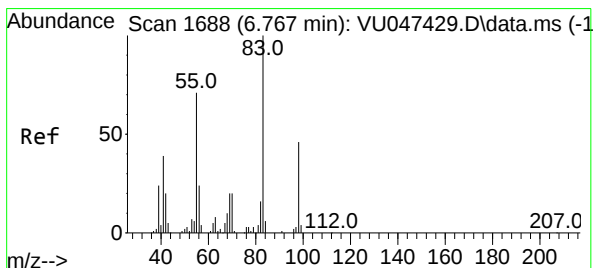
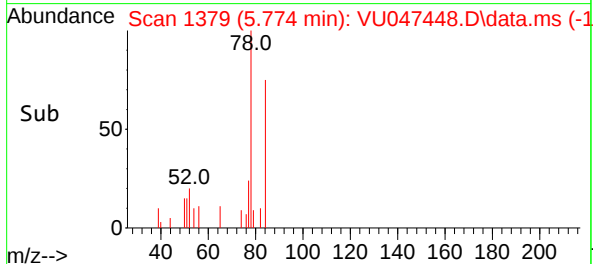
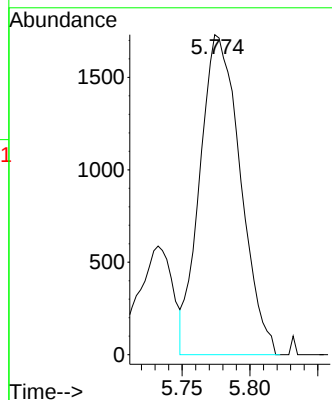
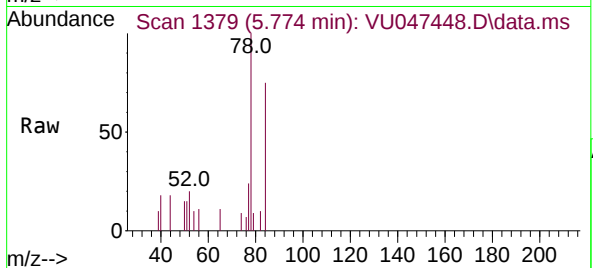




#33
Benzene
Concen: 0.090 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

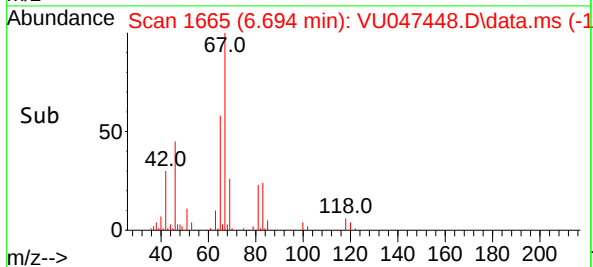
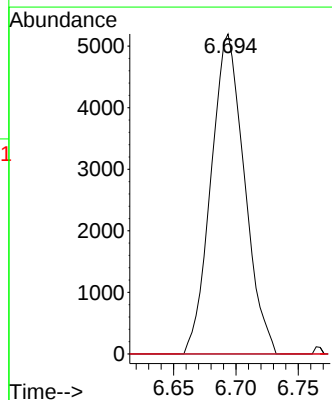
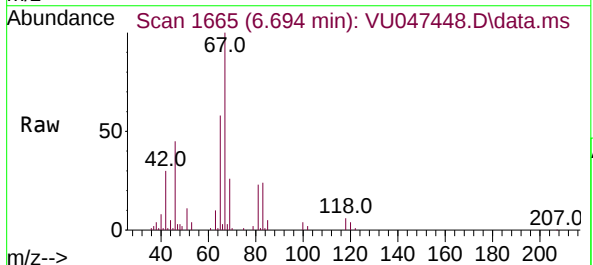
Instrument :
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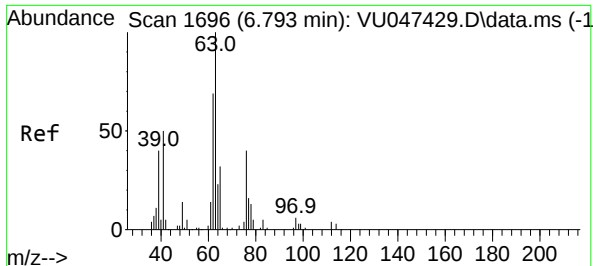
Tgt Ion: 78 Resp: 3592



#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

Tgt Ion: 83 Resp: 9690
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#

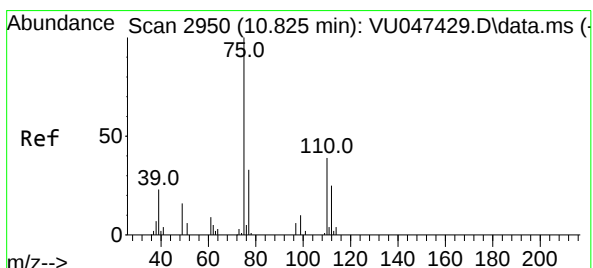
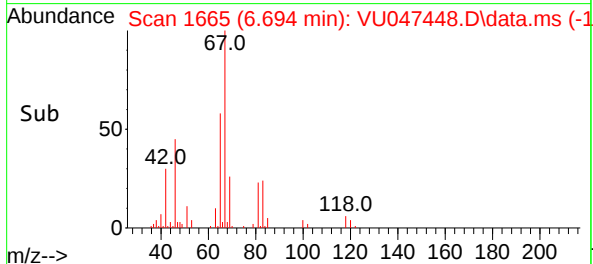
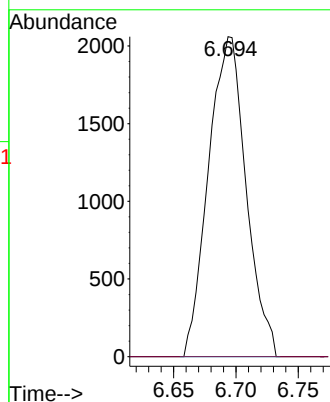
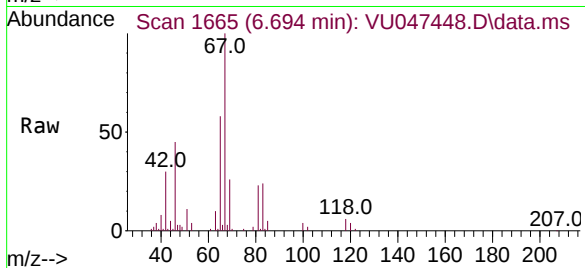




#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

Instrument :
MSVOA_U
ClientSampleId :
ETNL5

Tgt Ion: 63 Resp: 4327
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047448.D
Acq: 10 Mar 2022 10:01

Tgt Ion: 75 Resp: 8183
Ion Ratio Lower Upper
75 100
110 1.3 31.0 46.4#
77 33.3 26.2 39.4

