

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047542.D
 Acq On : 14 Mar 2022 18:07
 Operator : SY/MD
 Sample : N1857-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL9DL

Quant Time: Mar 15 06:14:39 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)

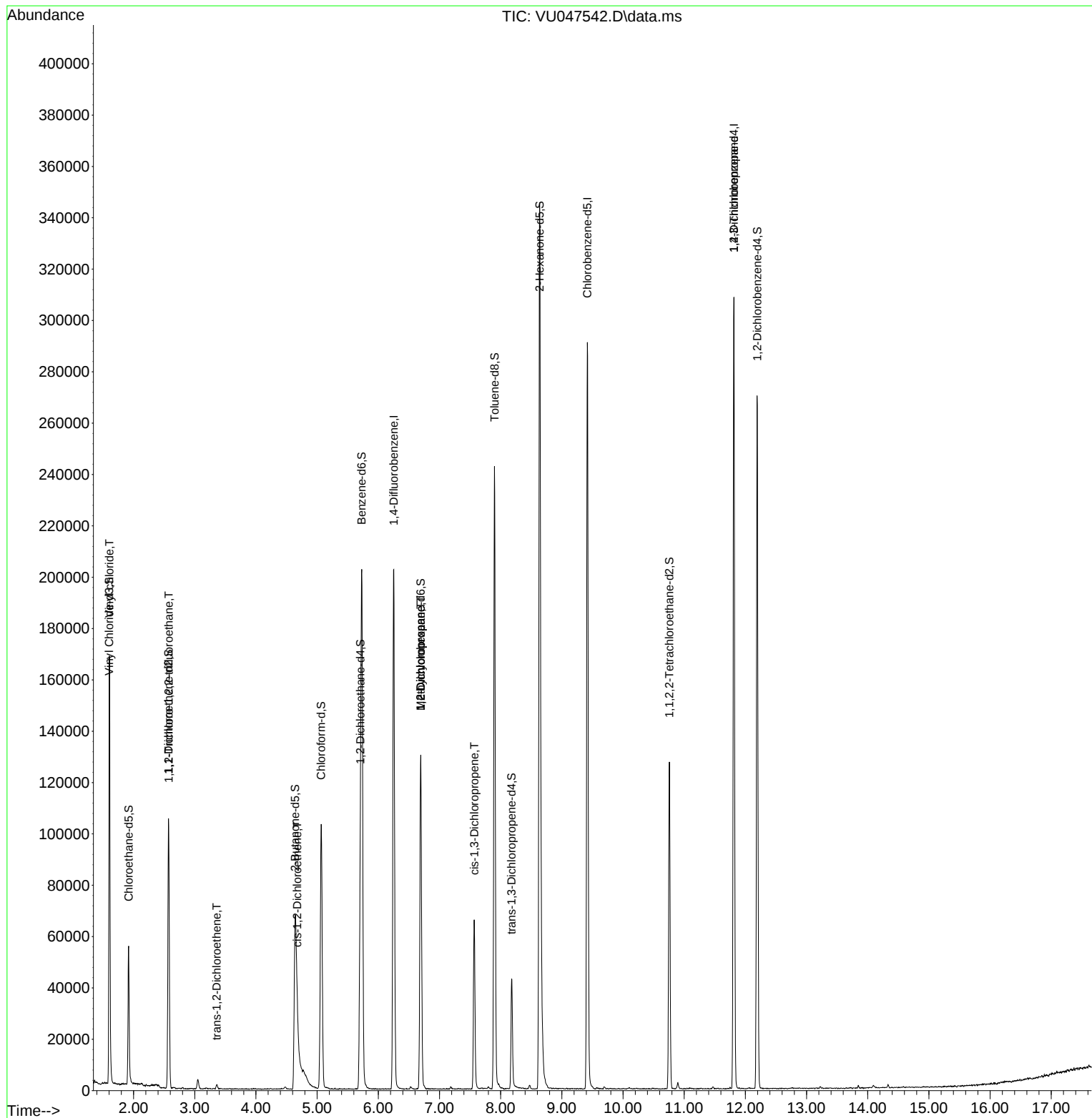
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	175156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42829	3.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.919	69	41586	4.000	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.000%	
11) 1,1-Dichloroethene-d2	2.572	65	19426	3.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	4.642	46	147578	44.775	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.540%	
24) Chloroform-d	5.067	84	97118	3.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
26) 1,2-Dichloroethane-d4	5.707	65	55543	4.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
32) Benzene-d6	5.729	84	194174	3.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
36) 1,2-Dichloropropane-d6	6.694	67	63732	4.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.600%	
41) Toluene-d8	7.899	98	167573	3.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.200%	
43) trans-1,3-Dichloroprop...	8.179	79	25148	3.786	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.800%	
46) 2-Hexanone-d5	8.636	63	143787	41.760	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.520%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63335	4.014	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	74760	4.181	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	85052	7.803	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	601	0.067	ug/L #	18
18) trans-1,2-Dichloroethene	3.359	96	864	0.092	ug/L	85
22) cis-1,2-Dichloroethene	4.674	96	3419	0.329	ug/L	91
35) Methylcyclohexane	6.694	83	14523	0.977	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6499	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1596	0.103	ug/L #	61
61) 1,2,3-Trichloropropane	11.812	75	9467	1.319	ug/L #	68

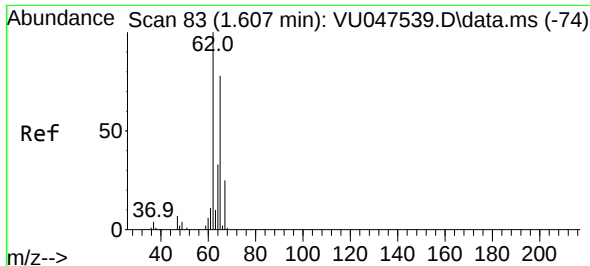
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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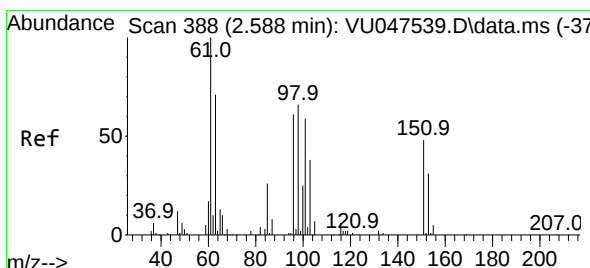
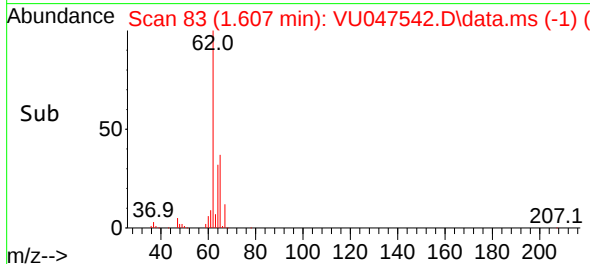
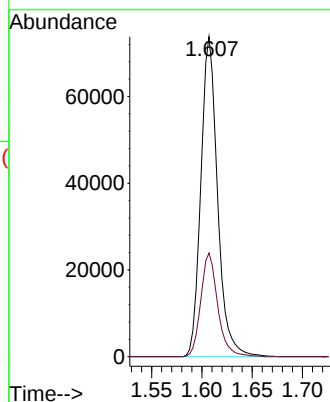
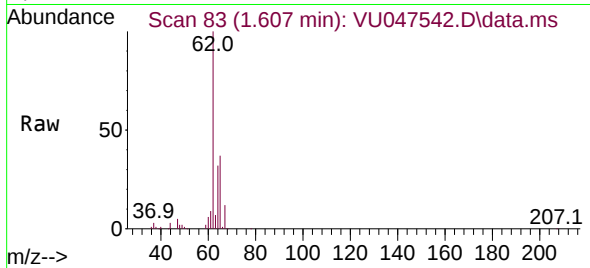




#5
 Vinyl chloride
 Concen: 7.803 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047542.D
 Acq: 14 Mar 2022 18:07

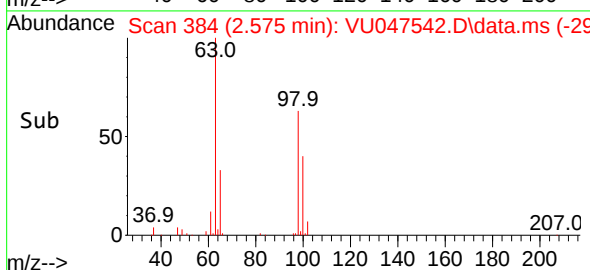
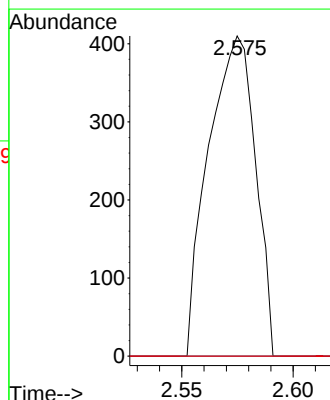
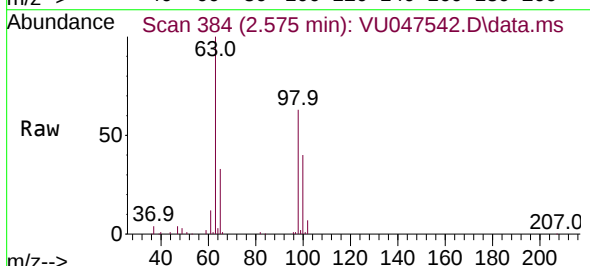
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL9DL

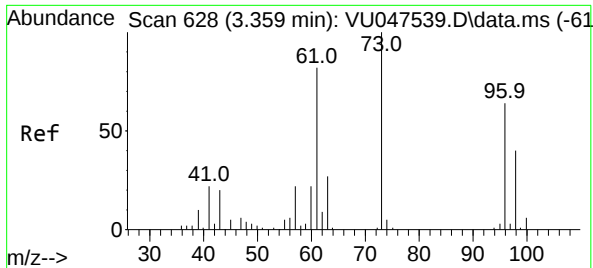
Tgt Ion: 62 Resp: 85052
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.067 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047542.D
 Acq: 14 Mar 2022 18:07

Tgt Ion: 101 Resp: 601
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#

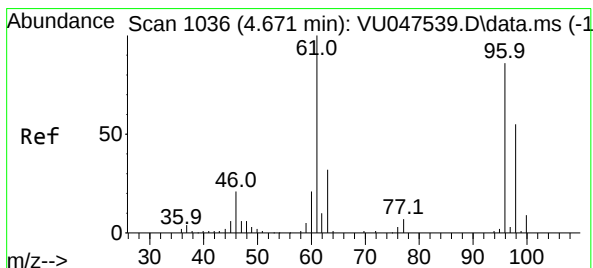
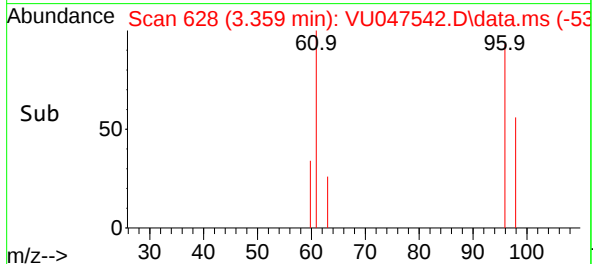
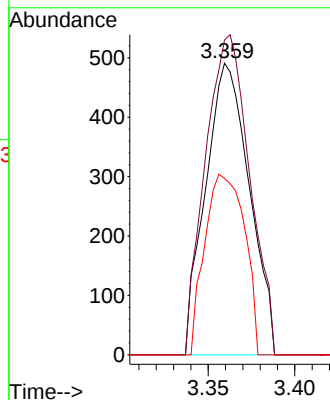
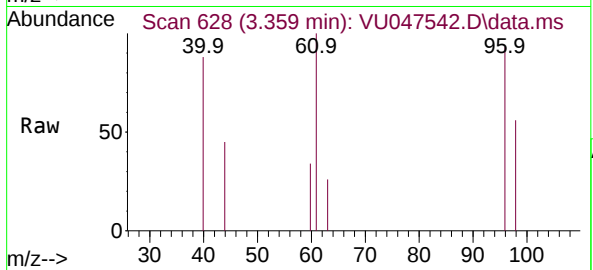




#18
trans-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047542.D
Acq: 14 Mar 2022 18:07

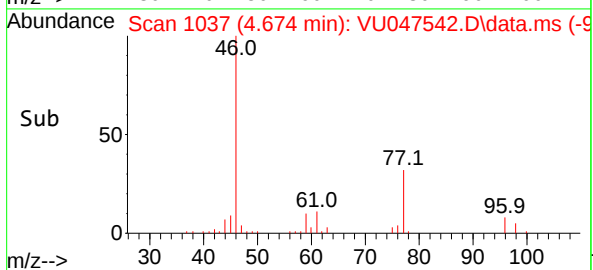
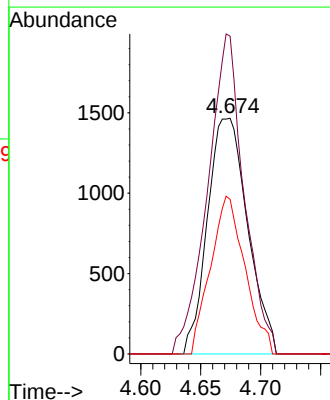
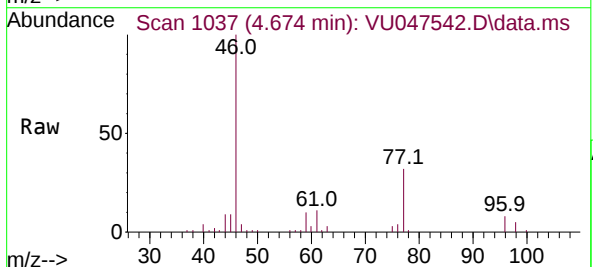
Instrument :
MSVOA_U
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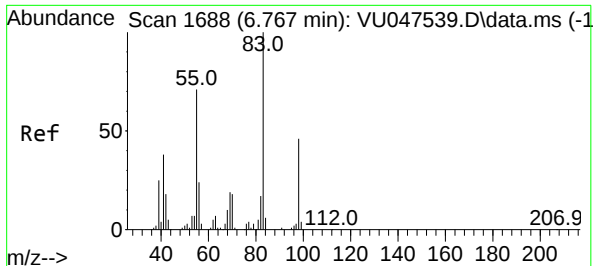
Tgt Ion: 96 Resp: 864
Ion Ratio Lower Upper
96 100
61 107.9 91.7 170.3
98 60.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.329 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047542.D
Acq: 14 Mar 2022 18:07

Tgt Ion: 96 Resp: 3419
Ion Ratio Lower Upper
96 100
61 134.9 83.9 155.7
98 65.6 46.4 86.2

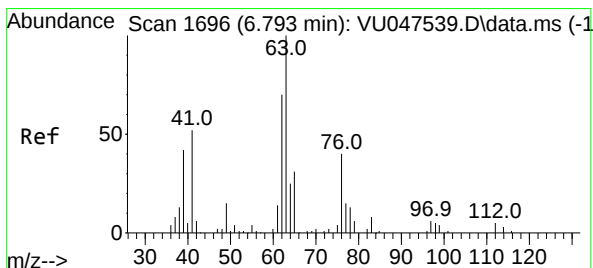
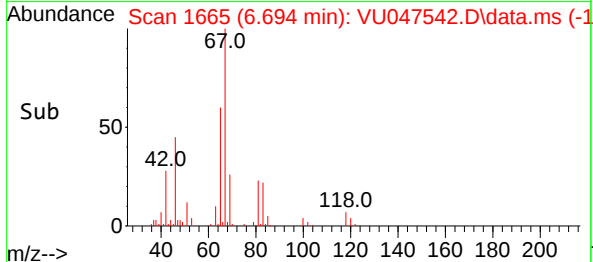
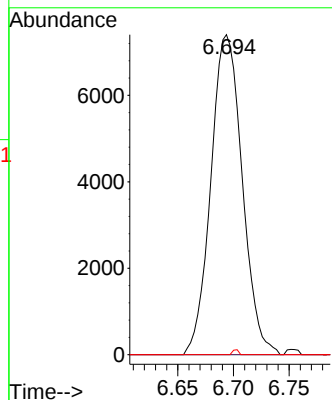
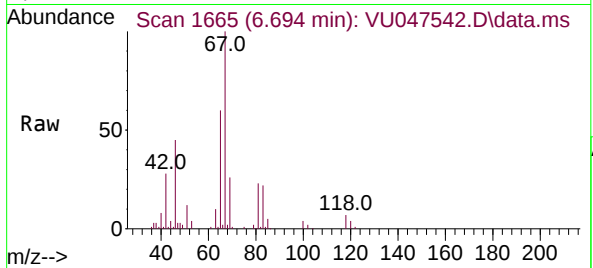




#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047542.D
Acq: 14 Mar 2022 18:07

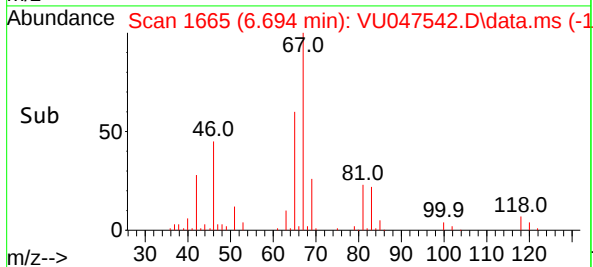
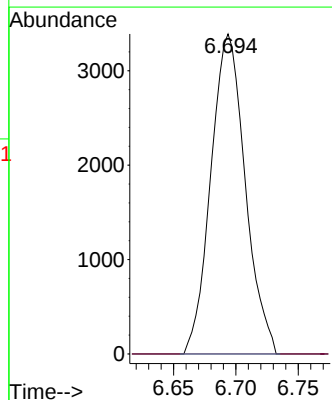
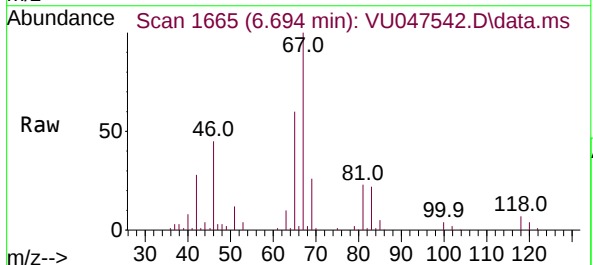
Instrument :
MSVOA_U
ClientSampleId :
ETNL9DL

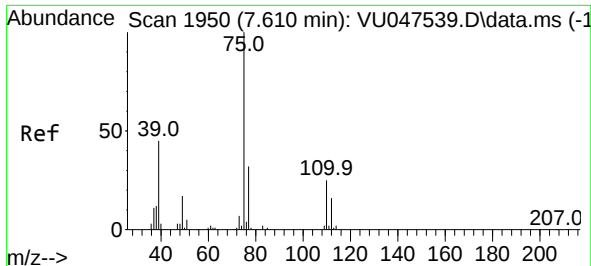
Tgt Ion: 83 Resp: 14523
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.3 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047542.D
Acq: 14 Mar 2022 18:07

Tgt Ion: 63 Resp: 6499
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU047542.D

Acq: 14 Mar 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

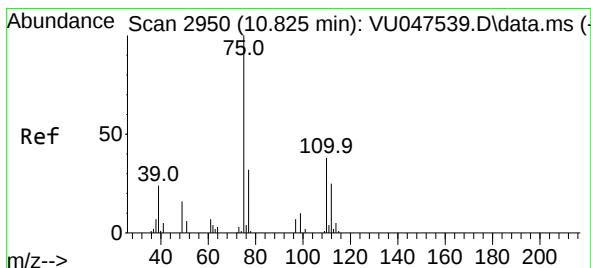
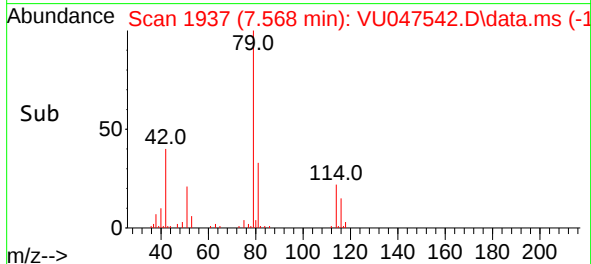
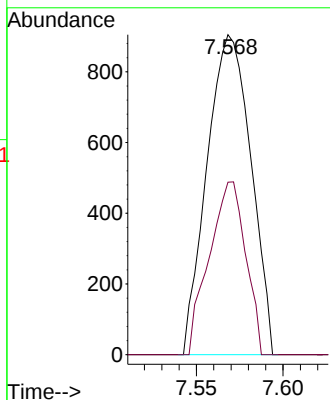
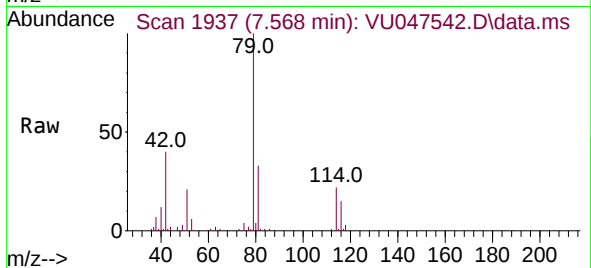
ETNL9DL

Tgt Ion: 75 Resp: 1596

Ion Ratio Lower Upper

75 100

77 53.9 22.6 42.0#



#61

1,2,3-Trichloropropane

Concen: 1.319 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047542.D

Acq: 14 Mar 2022 18:07

Tgt Ion: 75 Resp: 9467

Ion Ratio Lower Upper

75 100

110 2.0 30.2 45.4#

77 33.3 26.6 39.8

