

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047557.D
 Acq On : 15 Mar 2022 00:01
 Operator : SY/MD
 Sample : N1858-09DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9DL

Quant Time: Mar 15 06:17:40 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)

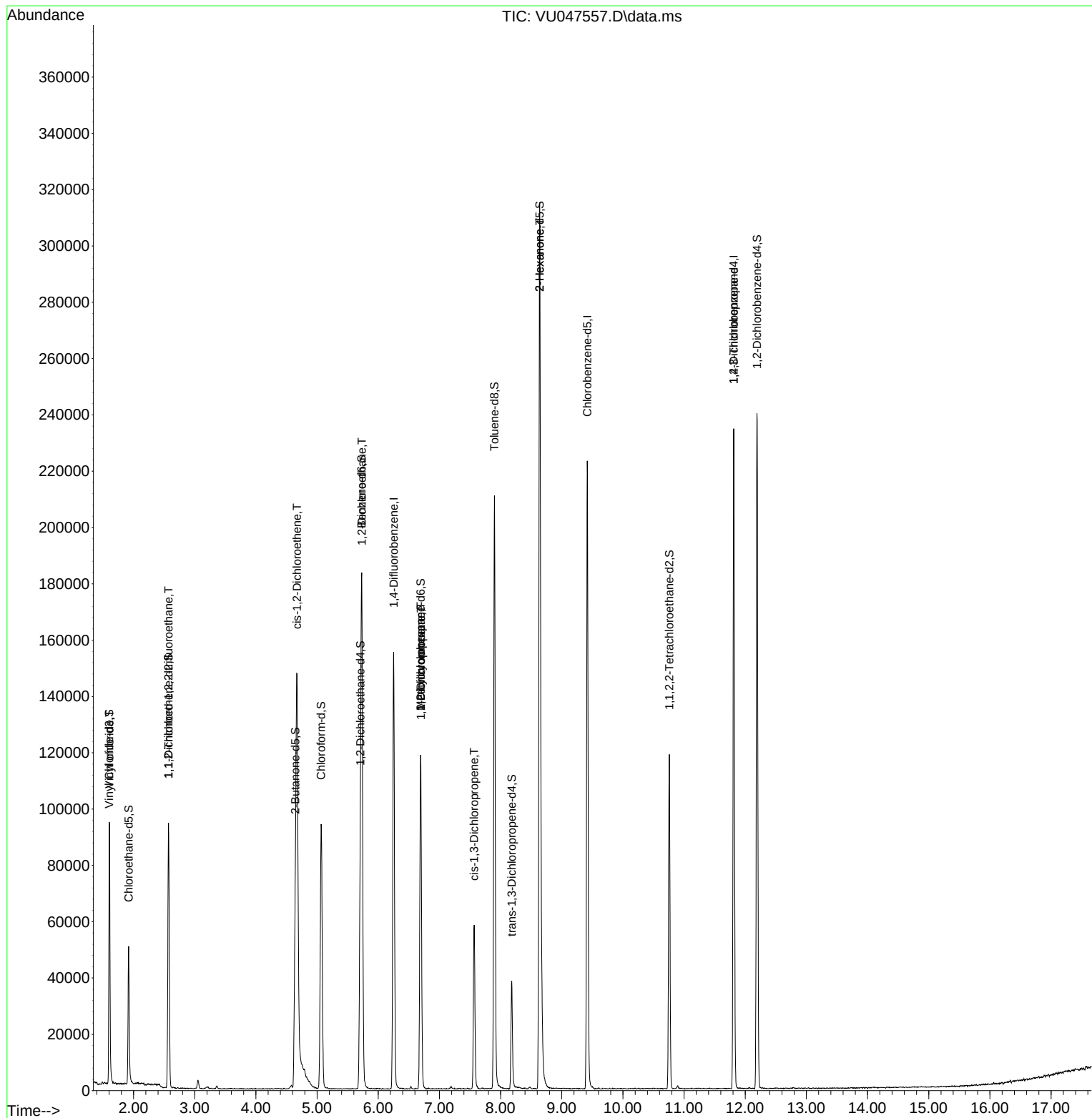
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	130261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37539	4.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.919	69	37651	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	16883	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	140329	56.412	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.820%
24) Chloroform-d	5.067	84	89742	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.706	65	51376	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.729	84	174657	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.694	67	57699	4.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.899	98	145478	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.182	79	21710	4.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.639	63	128758	49.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58166	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	67454	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	34775	4.227	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	420	0.062	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	62193	7.918	ug/L	99
27) 1,2-Dichloroethane	5.732	62	842	0.096	ug/L #	74
35) Methylcyclohexane	6.694	83	13262	1.182	ug/L #	21
37) 1,2-Dichloropropane	6.697	63	6028	0.799	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1478	0.126	ug/L #	63
48) 2-Hexanone	8.639	43	17310	4.326	ug/L #	67
61) 1,2,3-Trichloropropane	11.812	75	7311	1.331	ug/L #	68

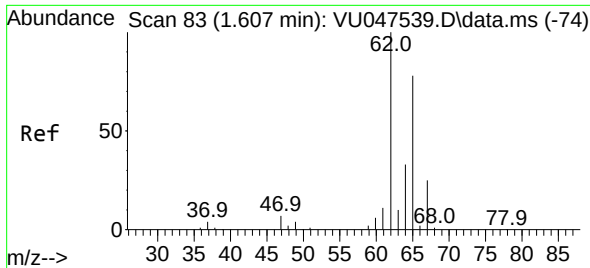
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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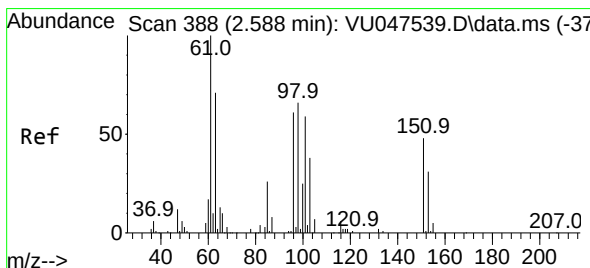
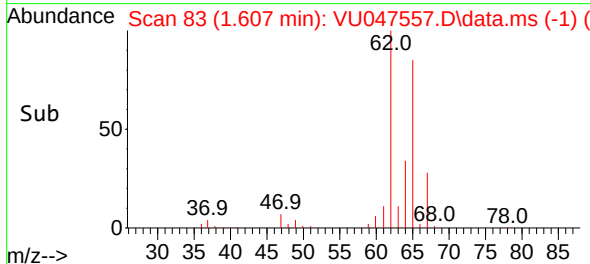
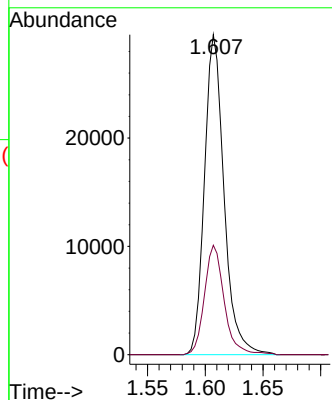
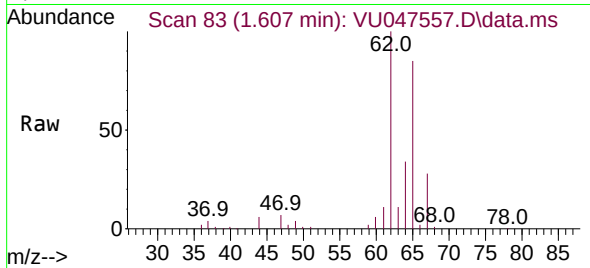




#5
 Vinyl chloride
 Concen: 4.227 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047557.D
 Acq: 15 Mar 2022 00:01

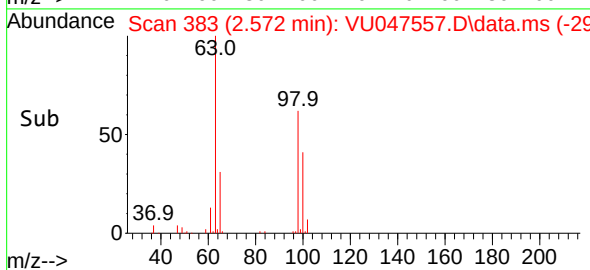
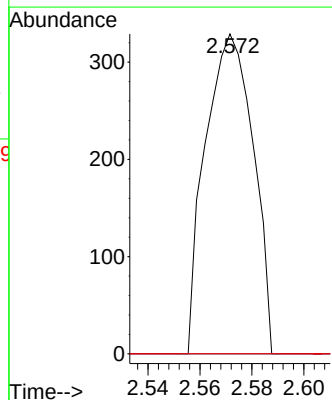
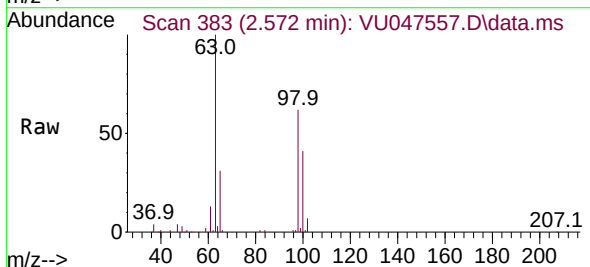
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9DL

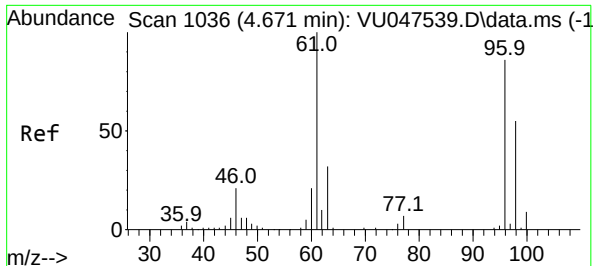
Tgt Ion: 62 Resp: 34775
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.062 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047557.D
 Acq: 15 Mar 2022 00:01

Tgt Ion: 101 Resp: 420
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#





#22

cis-1,2-Dichloroethene

Concen: 7.918 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047557.D

Acq: 15 Mar 2022 00:01

Instrument :

MSVOA_U

ClientSampleId :

ETNH9DL

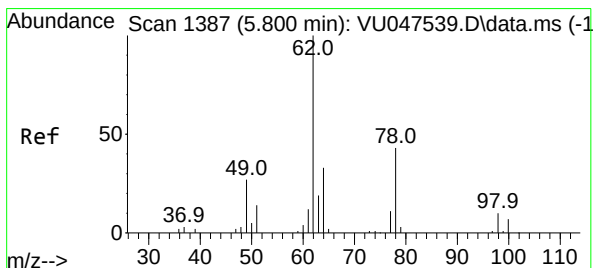
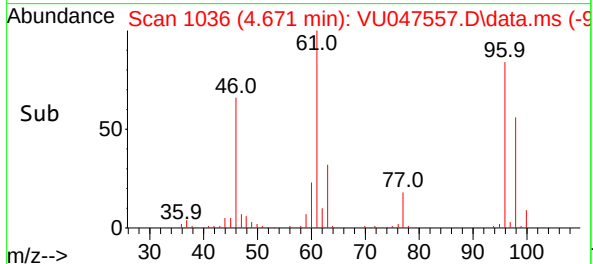
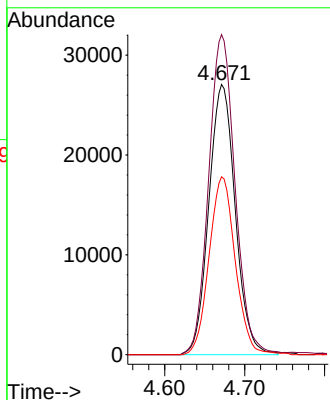
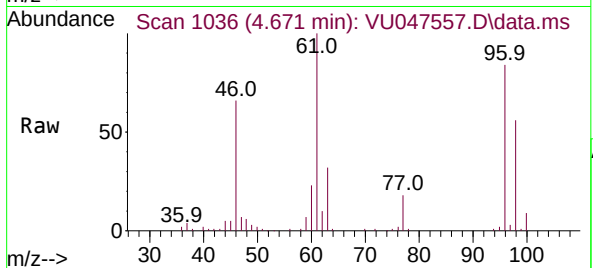
Tgt Ion: 96 Resp: 62193

Ion Ratio Lower Upper

96 100

61 118.4 83.9 155.7

98 65.8 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.067 min

Lab File: VU047557.D

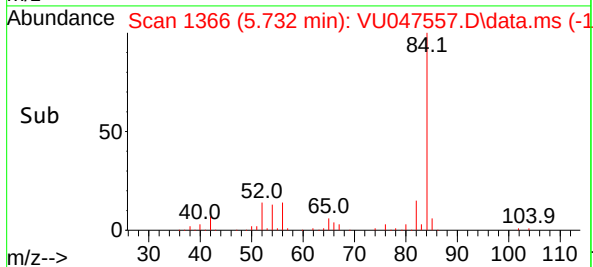
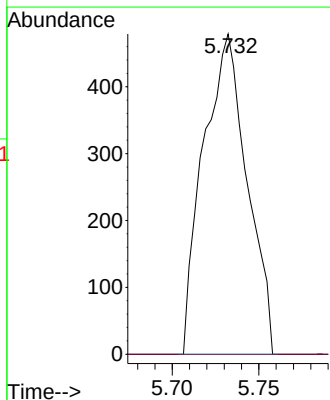
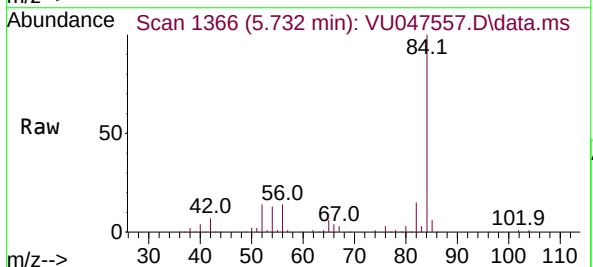
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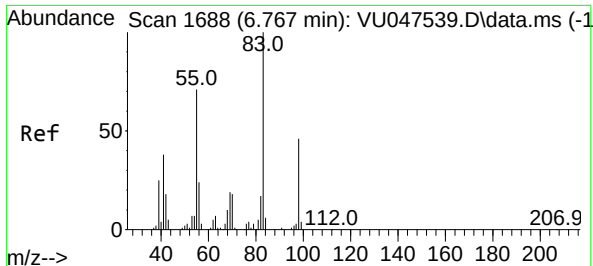
Tgt Ion: 62 Resp: 842

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

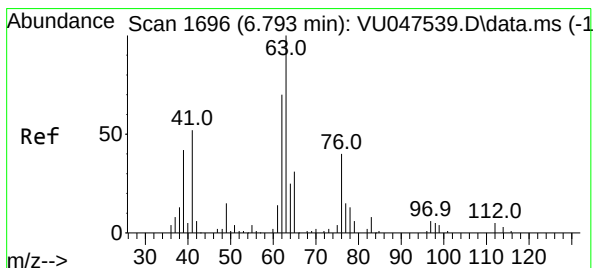
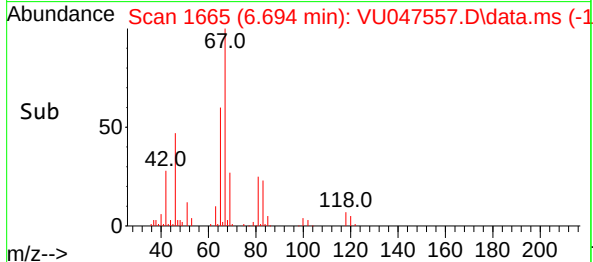
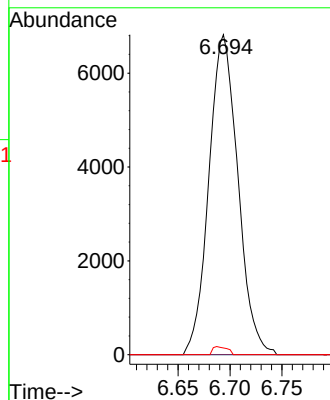
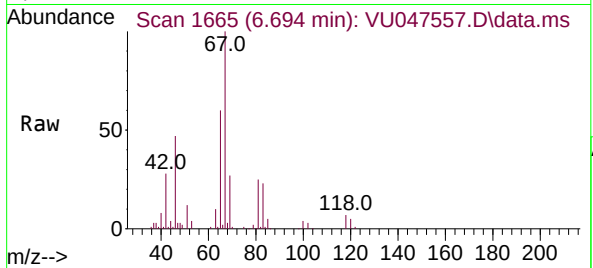




#35
Methylcyclohexane
Concen: 1.182 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047557.D
Acq: 15 Mar 2022 00:01

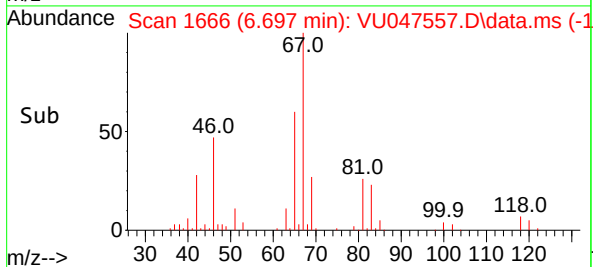
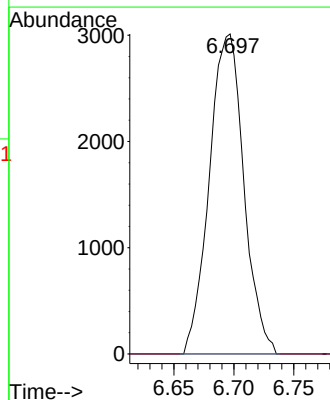
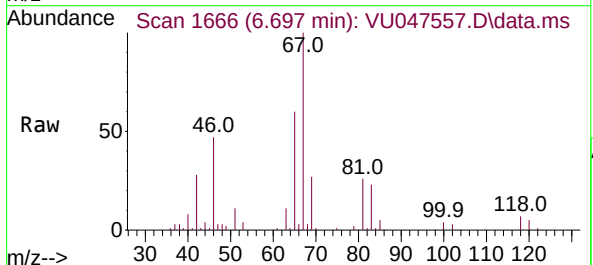
Instrument :
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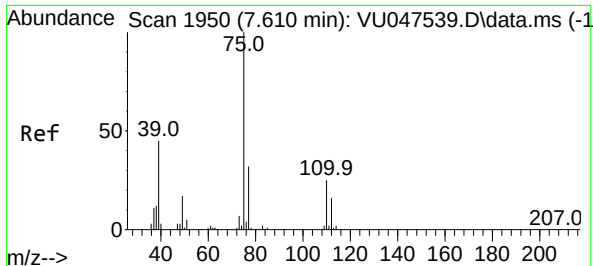
Tgt Ion: 83 Resp: 13262
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.799 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU047557.D
Acq: 15 Mar 2022 00:01

Tgt Ion: 63 Resp: 6028
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047557.D

Acq: 15 Mar 2022 00:01

Instrument :

MSVOA_U

ClientSampleId :

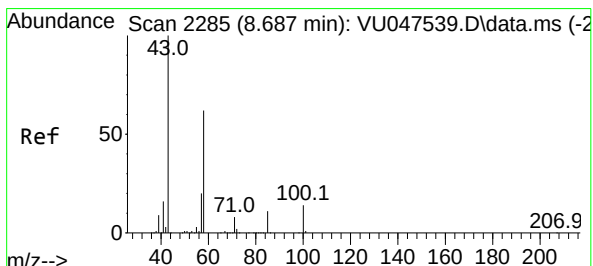
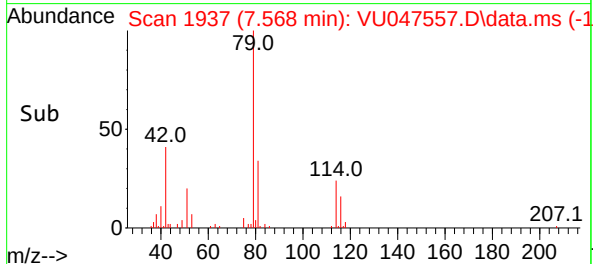
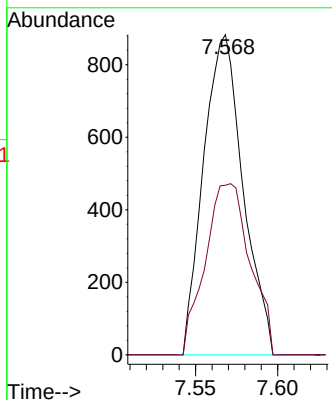
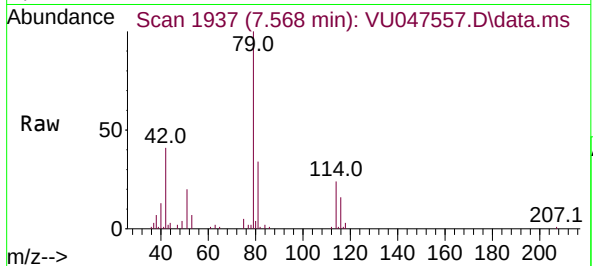
ETNH9DL

Tgt Ion: 75 Resp: 1478

Ion Ratio Lower Upper

75 100

77 53.0 22.6 42.0#



#48

2-Hexanone

Concen: 4.326 ug/L

RT: 8.639 min Scan# 2270

Delta R.T. -0.048 min

Lab File: VU047557.D

Acq: 15 Mar 2022 00:01

Tgt Ion: 43 Resp: 17310

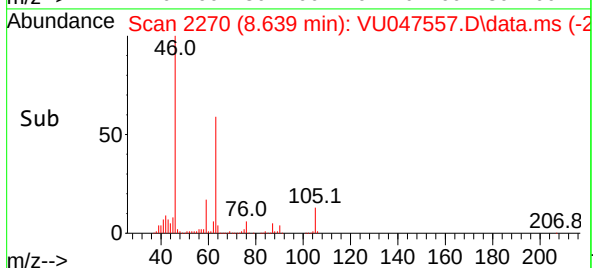
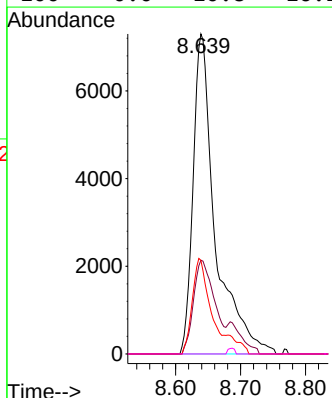
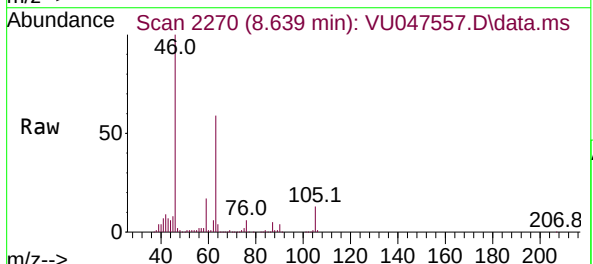
Ion Ratio Lower Upper

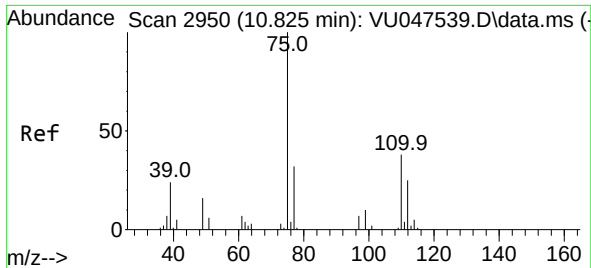
43 100

58 28.2 47.5 71.3#

57 24.3 16.0 24.0#

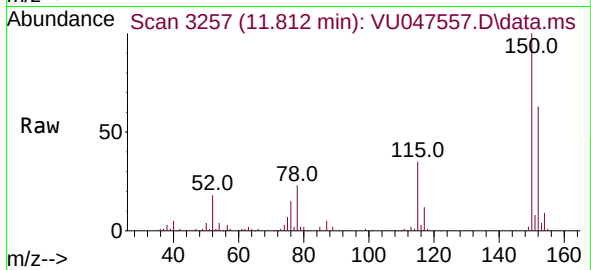
100 0.0 10.8 16.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.331 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047557.D
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Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 7311
 Ion Ratio Lower Upper
 75 100
 110 2.3 30.2 45.4#
 77 33.7 26.6 39.8

