

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047556.D
 Acq On : 14 Mar 2022 23:37
 Operator : SY/MD
 Sample : N1858-13DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ9DL

Quant Time: Mar 15 06:17:27 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)

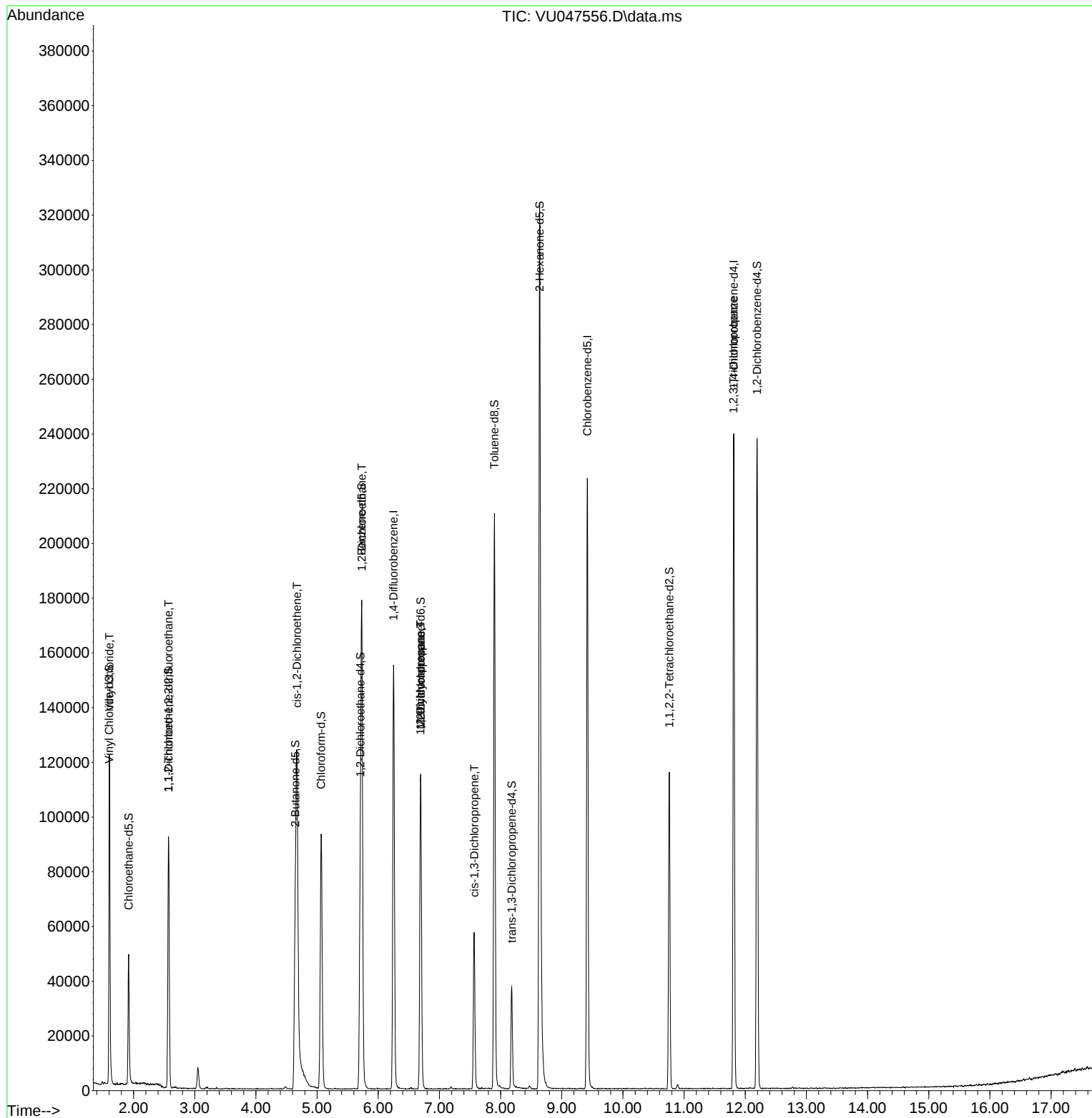
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	131889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38357	4.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.919	69	36934	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.572	65	17218	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.645	46	147057	58.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.460%
24) Chloroform-d	5.067	84	87379	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.707	65	50557	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	169444	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	56546	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.899	98	145302	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.182	79	21754	4.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	128496	48.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57846	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	67534	4.787	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	55514	6.648	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	482	0.070	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	48148	6.038	ug/L	98
27) 1,2-Dichloroethane	5.732	62	805	0.091	ug/L #	74
35) Methylcyclohexane	6.694	83	12944	1.139	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6037	0.790	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1355	0.114	ug/L #	22
61) 1,2,3-Trichloropropane	11.809	75	7221	1.275	ug/L #	67

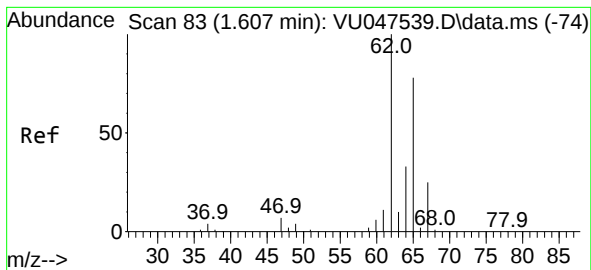
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 05:45:04 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.648 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047556.D

Acq: 14 Mar 2022 23:37

Instrument :

MSVOA_U

ClientSampleId :

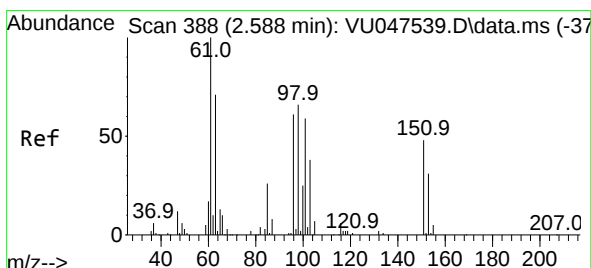
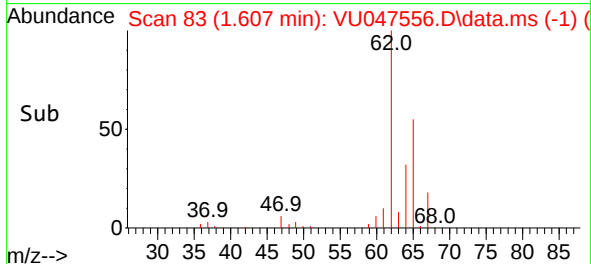
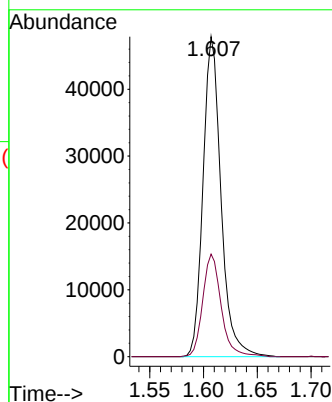
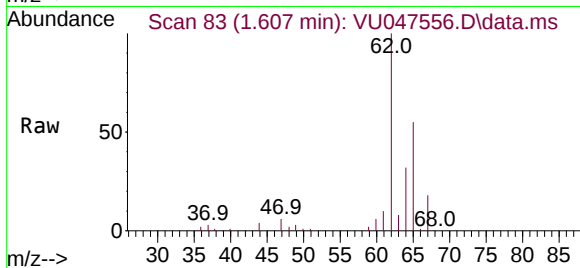
ETNJ9DL

Tgt Ion: 62 Resp: 55514

Ion Ratio Lower Upper

62 100

64 32.1 23.5 43.7



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.070 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047556.D

Acq: 14 Mar 2022 23:37

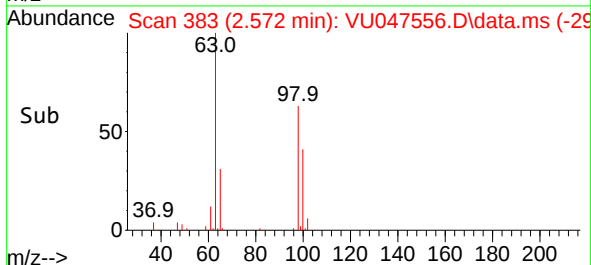
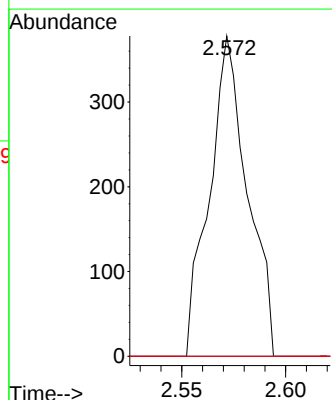
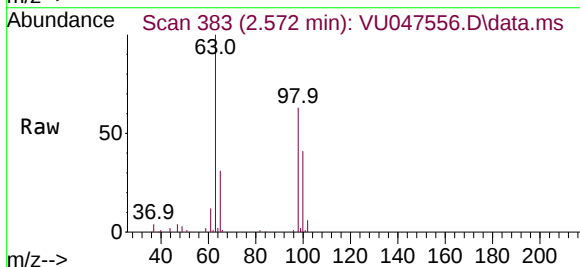
Tgt Ion: 101 Resp: 482

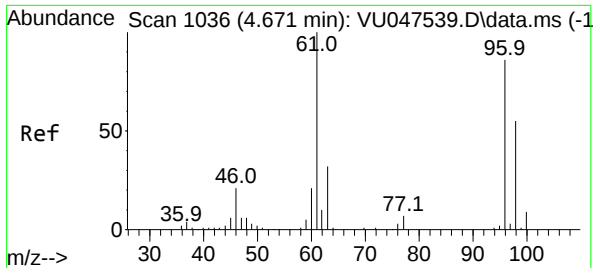
Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 0.0 63.8 95.6#

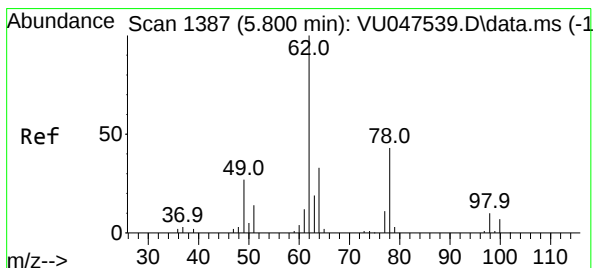
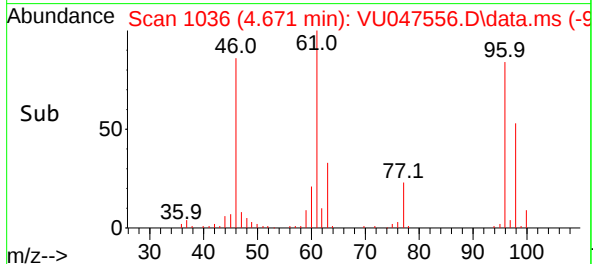
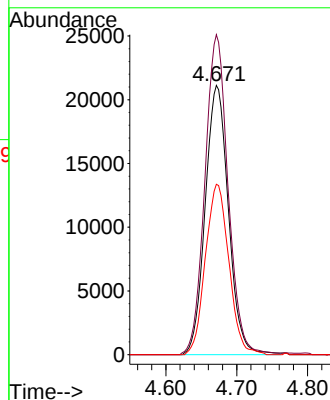
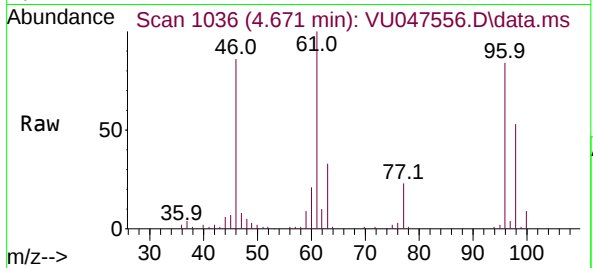




#22
 cis-1,2-Dichloroethene
 Concen: 6.038 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047556.D
 Acq: 14 Mar 2022 23:37

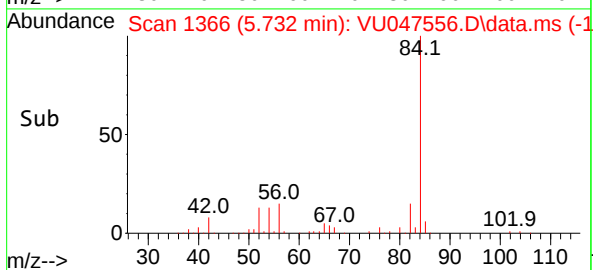
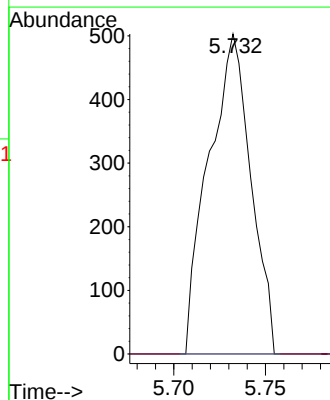
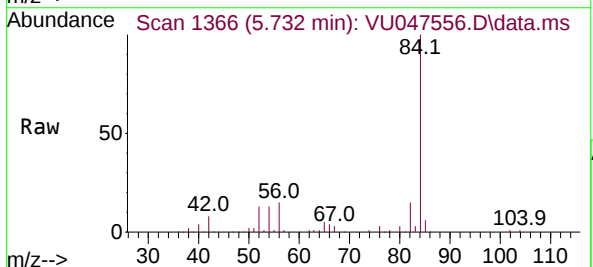
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ9DL

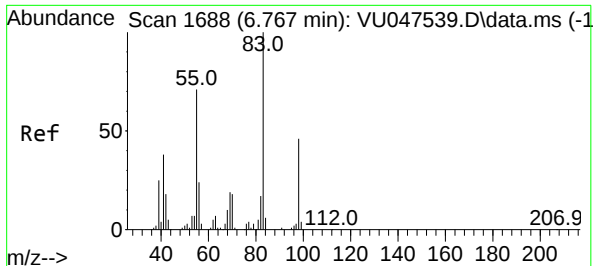
Tgt Ion: 96 Resp: 48148
 Ion Ratio Lower Upper
 96 100
 61 118.9 83.9 155.7
 98 63.3 46.4 86.2



#27
 1,2-Dichloroethane
 Concen: 0.091 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.067 min
 Lab File: VU047556.D
 Acq: 14 Mar 2022 23:37

Tgt Ion: 62 Resp: 805
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#

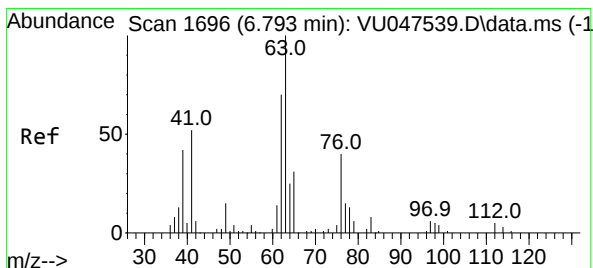
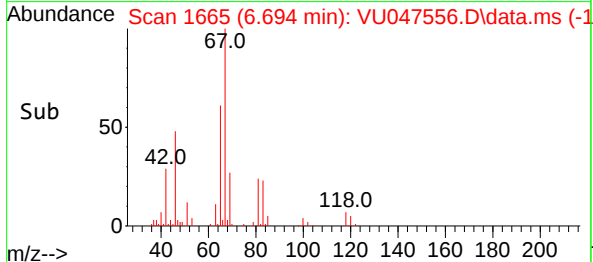
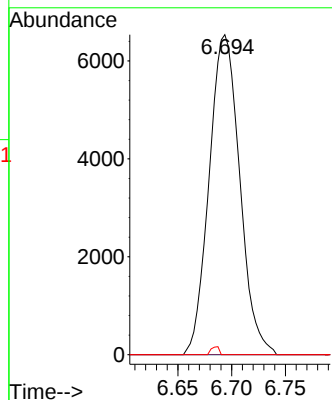
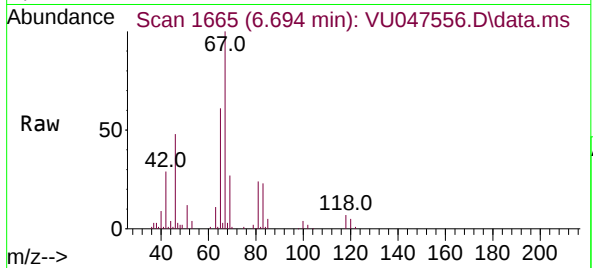




#35
Methylcyclohexane
Concen: 1.139 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047556.D
Acq: 14 Mar 2022 23:37

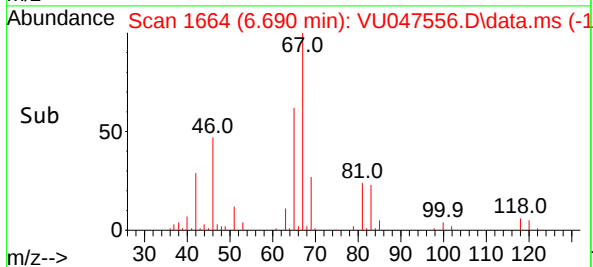
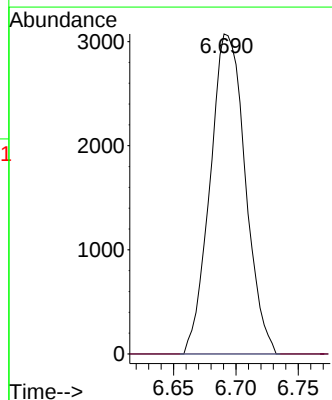
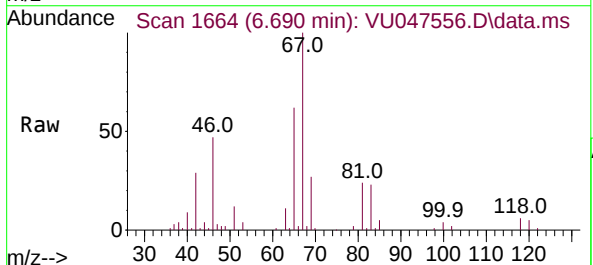
Instrument :
MSVOA_U
ClientSampleId :
ETNJ9DL

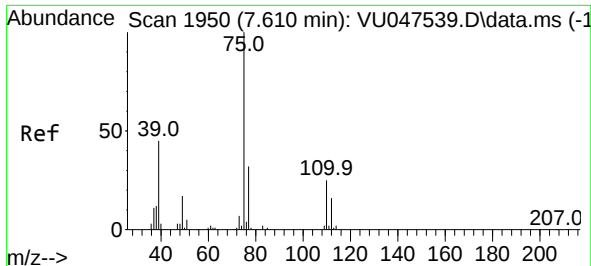
Tgt Ion: 83 Resp: 12944
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.790 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047556.D
Acq: 14 Mar 2022 23:37

Tgt Ion: 63 Resp: 6037
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.571 min Scan# 19

Delta R.T. -0.038 min

Lab File: VU047556.D

Acq: 14 Mar 2022 23:37

Instrument :

MSVOA_U

ClientSampleId :

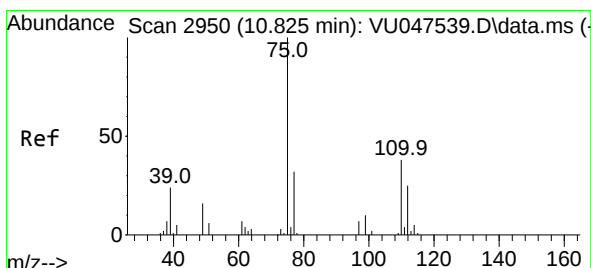
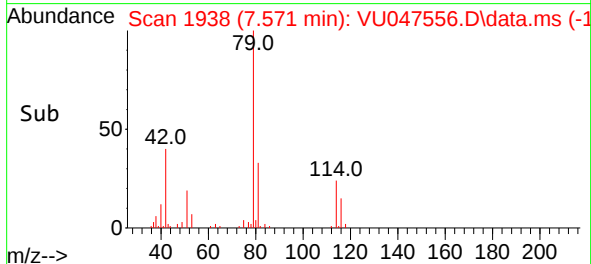
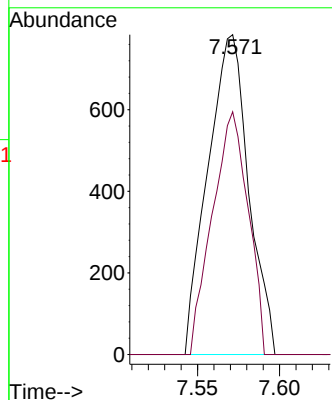
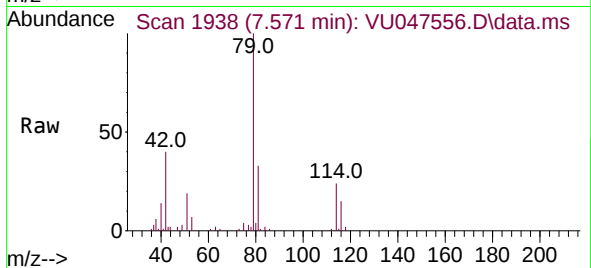
ETNJ9DL

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

75 100

77 75.9 22.6 42.0#



#61

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU047556.D

Acq: 14 Mar 2022 23:37

Tgt Ion: 75 Resp: 7221

Ion Ratio Lower Upper

75 100

110 0.6 30.2 45.4#

77 32.9 26.6 39.8

