

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047376.D
 Acq On : 07 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1810-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA1DL

Quant Time: Mar 08 03:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

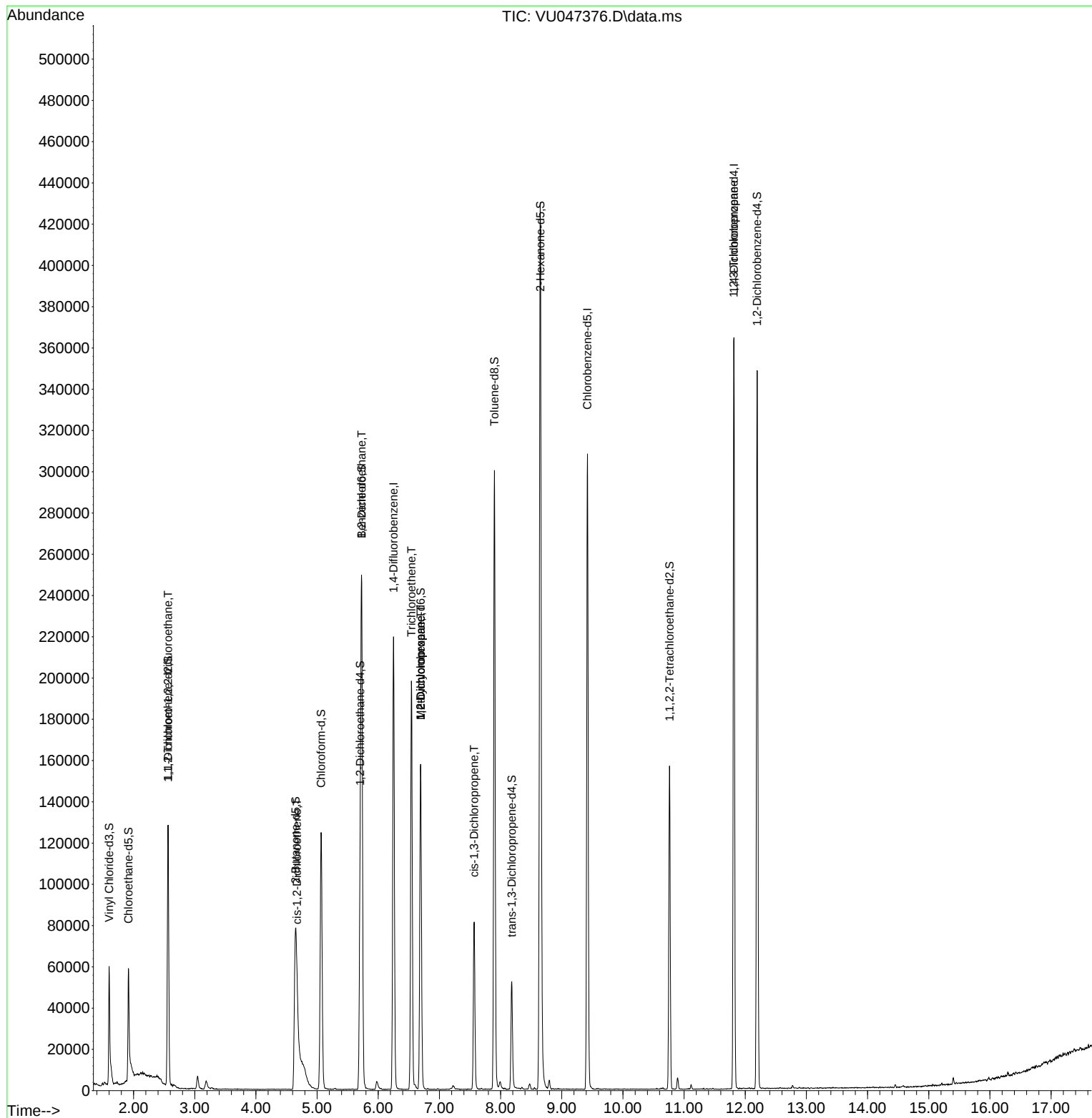
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	185311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	101857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	52101	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	53296	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.565	65	23387	4.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.649	46	182574	41.354	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.700%
24) Chloroform-d	5.067	84	115434	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	66581	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.729	84	232124	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.693	67	77089	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	206596	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.182	79	31335	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.648	63	187584	46.142	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	75839	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	96793	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	677	0.074	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	5011	0.456	ug/L	96
27) 1,2-Dichloroethane	5.729	62	1175	0.095	ug/L #	73
34) Trichloroethene	6.542	95	65522	5.961	ug/L	92
35) Methylcyclohexane	6.693	83	17569	1.042	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8084	0.779	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1968	0.120	ug/L #	73
61) 1,2,3-Trichloropropane	11.812	75	10422	1.232	ug/L #	66

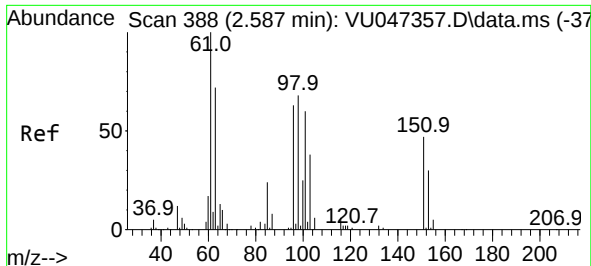
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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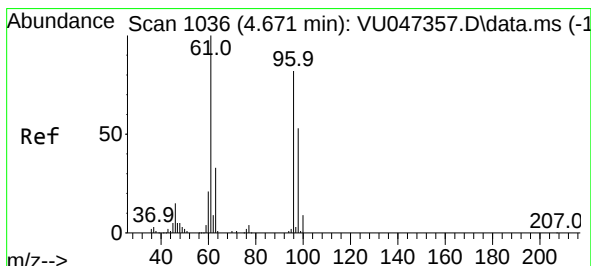
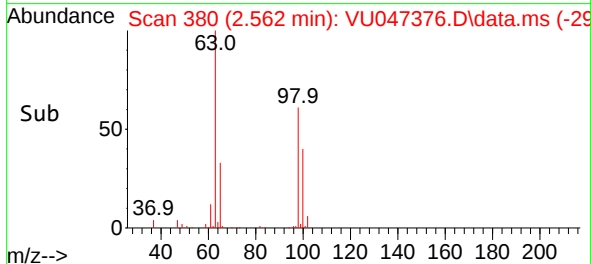
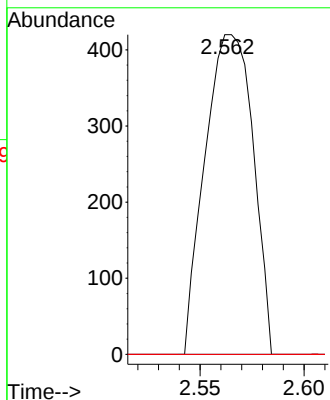
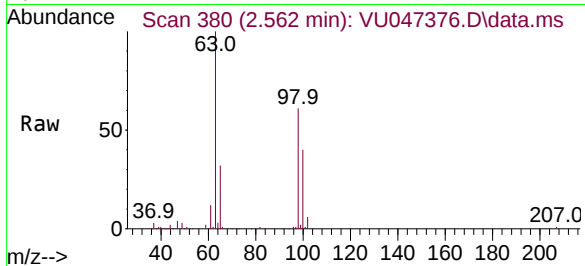




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.026 min
Lab File: VU047376.D
Acq: 07 Mar 2022 18:41

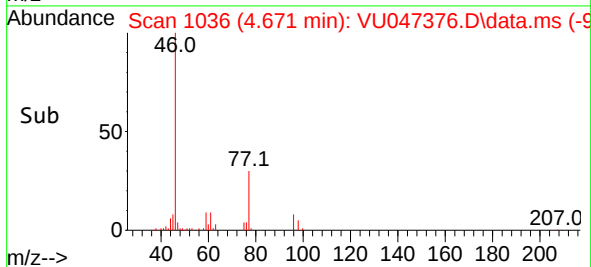
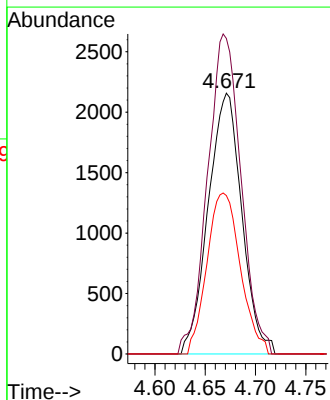
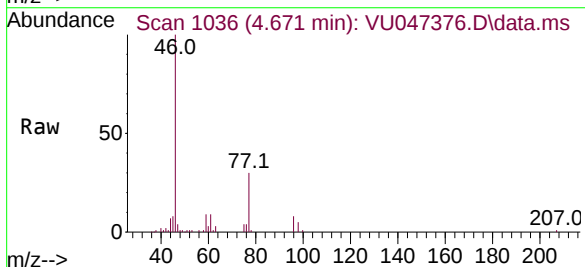
Instrument :
MSVOA_U
ClientSampleId :
GBDA1DL

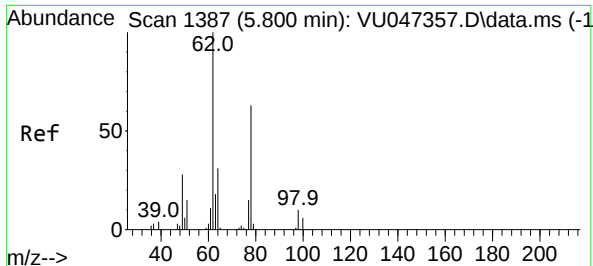
Tgt Ion:101 Resp: 677
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.456 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047376.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 96 Resp: 5011
Ion Ratio Lower Upper
96 100
61 121.0 88.5 164.3
98 60.7 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU047376.D

Acq: 07 Mar 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

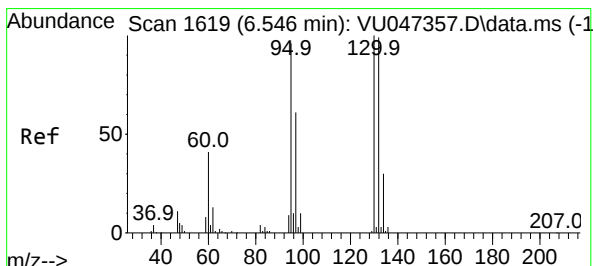
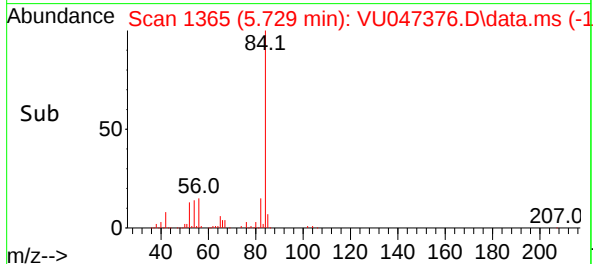
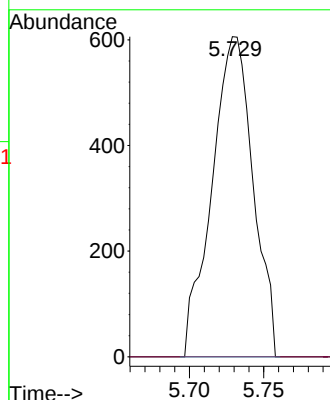
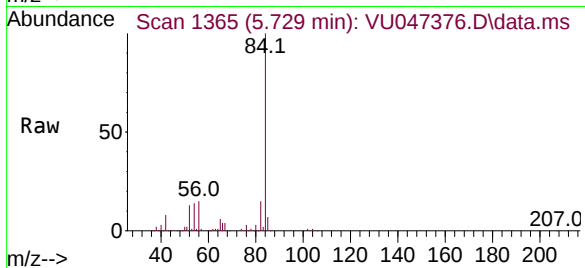
GBDA1DL

Tgt Ion: 62 Resp: 1175

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#34

Trichloroethene

Concen: 5.961 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047376.D

Acq: 07 Mar 2022 18:41

Tgt Ion: 95 Resp: 65522

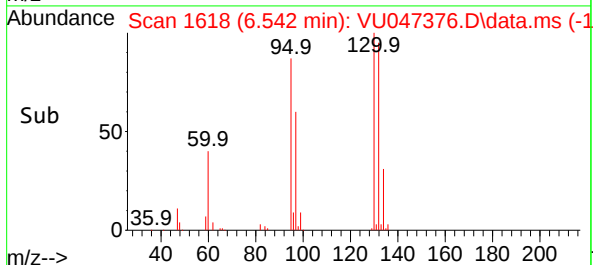
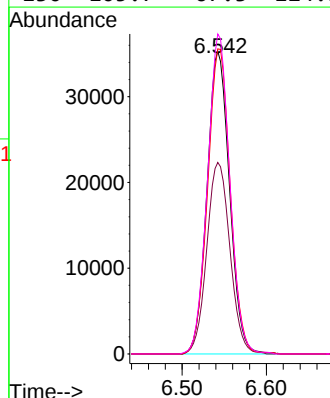
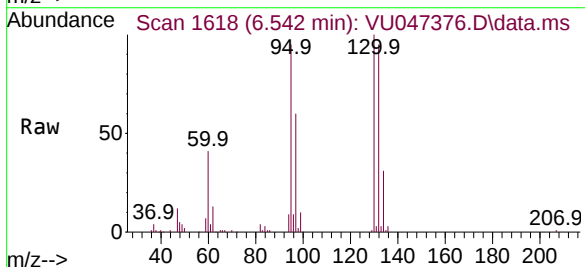
Ion Ratio Lower Upper

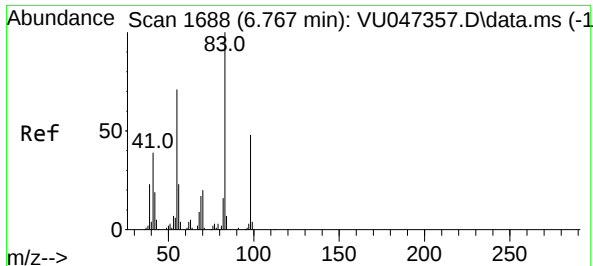
95 100

97 63.3 46.5 86.5

132 100.8 65.1 120.9

130 105.7 67.3 124.9





#35

Methylcyclohexane

Concen: 1.042 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047376.D

Acq: 07 Mar 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

GBDA1DL

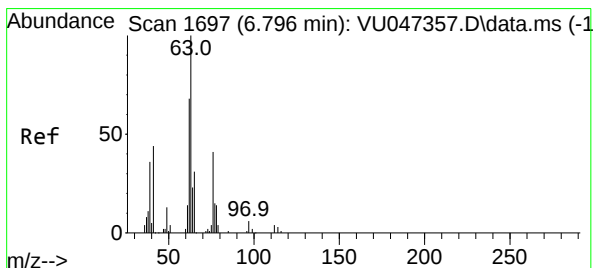
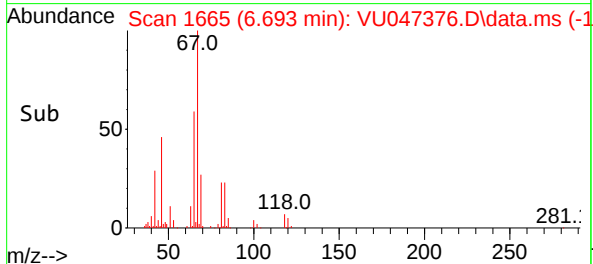
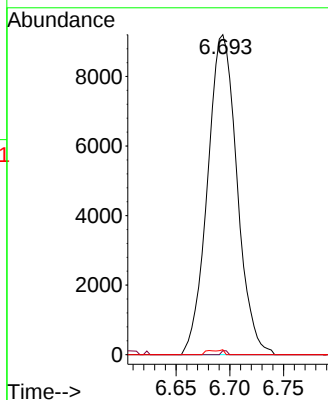
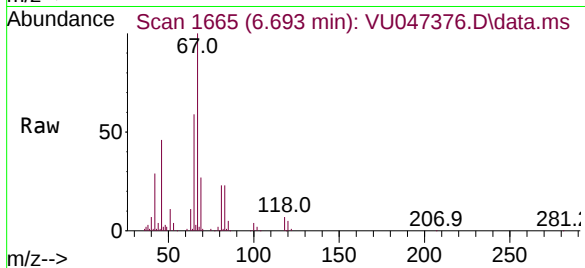
Tgt Ion: 83 Resp: 17569

Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.5 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.779 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047376.D

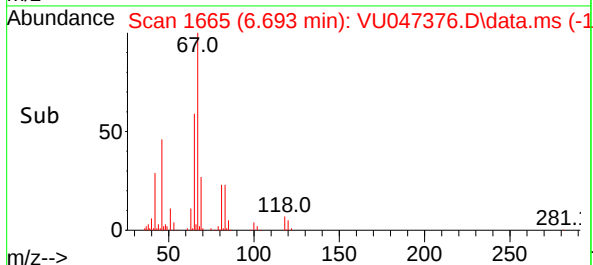
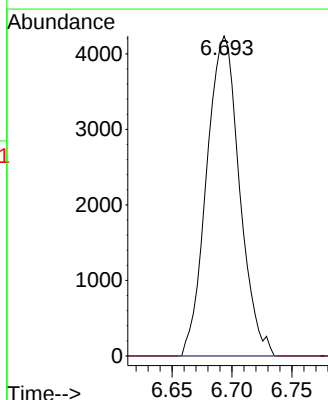
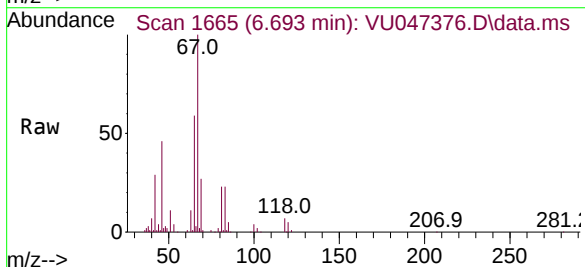
Acq: 07 Mar 2022 18:41

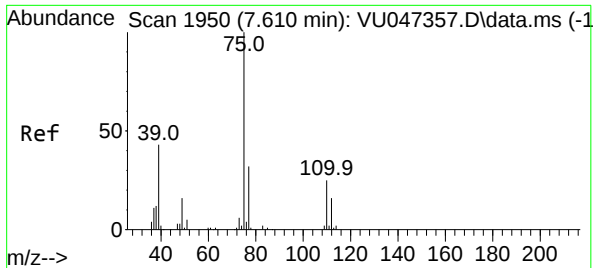
Tgt Ion: 63 Resp: 8084

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047376.D

Acq: 07 Mar 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

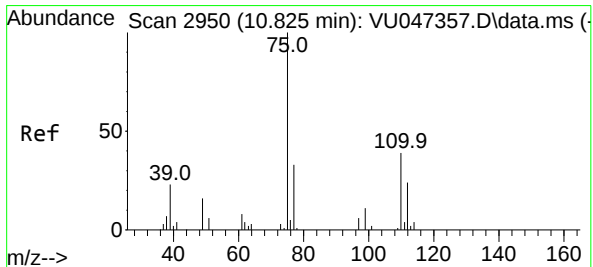
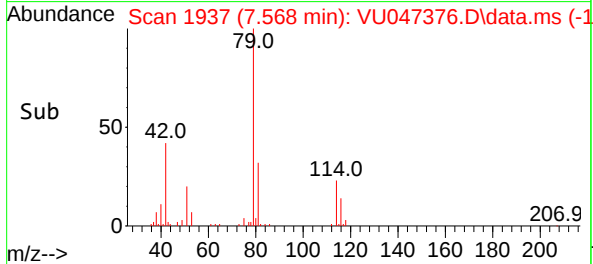
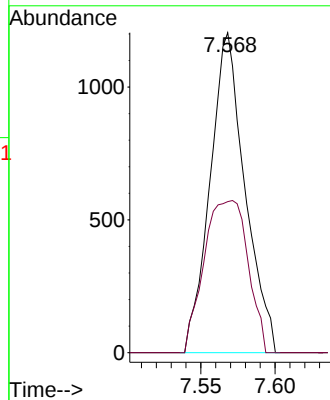
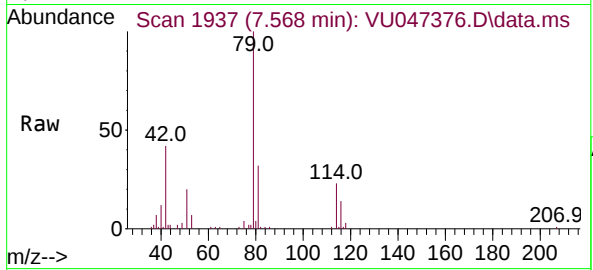
GBDA1DL

Tgt Ion: 75 Resp: 1968

Ion Ratio Lower Upper

75 100

77 47.2 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.232 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047376.D

Acq: 07 Mar 2022 18:41

Tgt Ion: 75 Resp: 10422

Ion Ratio Lower Upper

75 100

110 2.0 29.9 44.9#

77 33.9 25.5 38.3

