

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047338.D
 Acq On : 04 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1810-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD88

Quant Time: Mar 04 23:24:20 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)

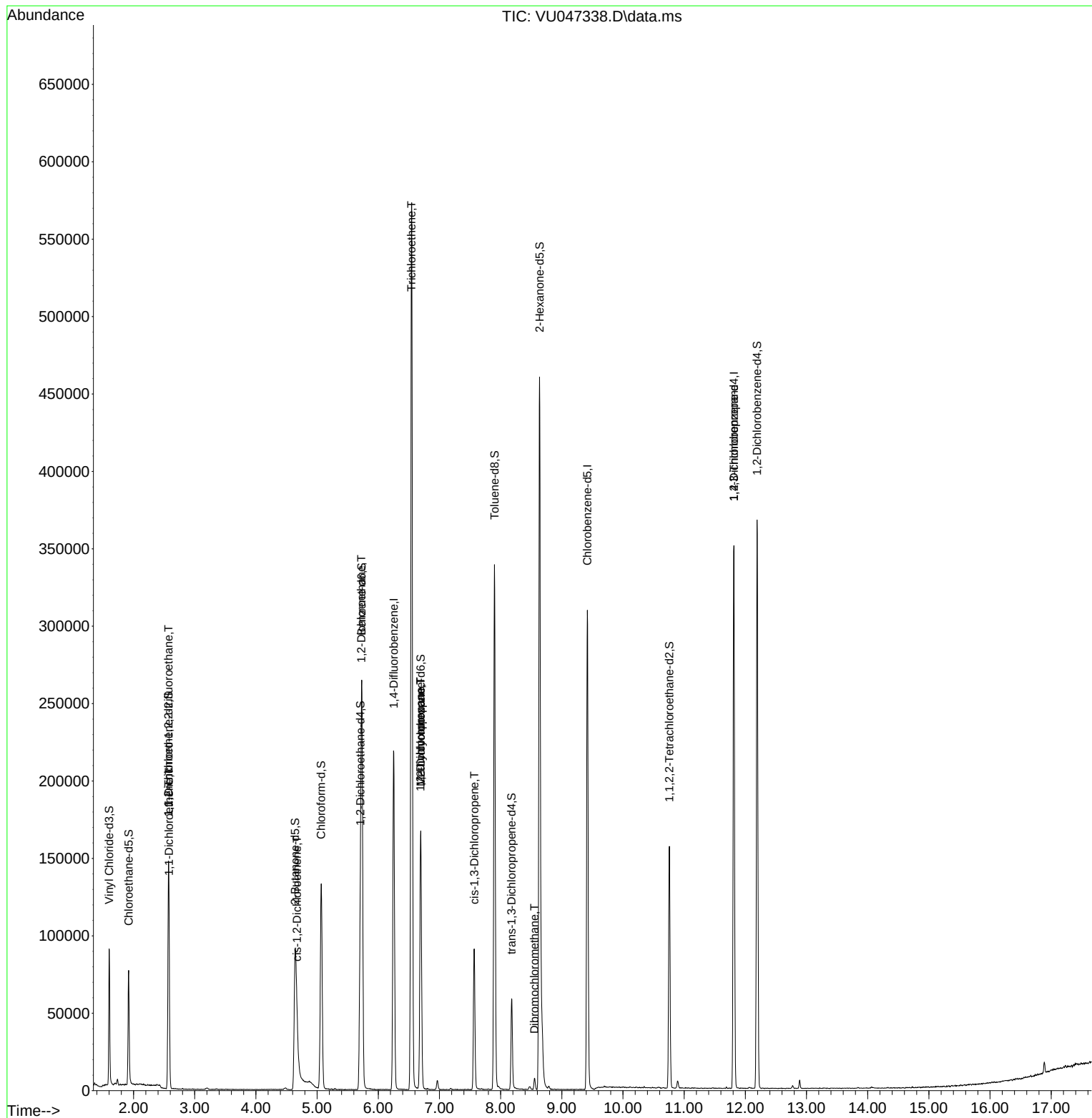
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	189103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	97496	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63483	4.730	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.919	69	56672	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.572	65	27332	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.642	46	188406	42.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.520%
24) Chloroform-d	5.067	84	123573	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	70469	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.729	84	253937	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.694	67	80215	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.899	98	232436	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.179	79	33497	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	191765	48.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77419	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	100764	5.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	833	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1414	0.153	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	4790	0.437	ug/L	91
27) 1,2-Dichloroethane	5.723	62	1170	0.095	ug/L #	73
34) Trichloroethene	6.543	95	192323	18.094	ug/L	93
35) Methylcyclohexane	6.694	83	18667	1.145	ug/L #	18
37) 1,2-Dichloropropane	6.691	63	8566	0.854	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2158	0.136	ug/L #	63
49) Dibromochloromethane	8.552	129	1431	0.140	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	10172	1.257	ug/L #	67

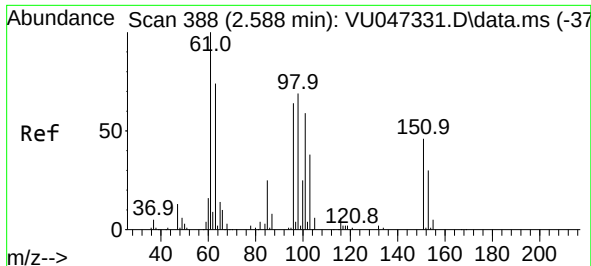
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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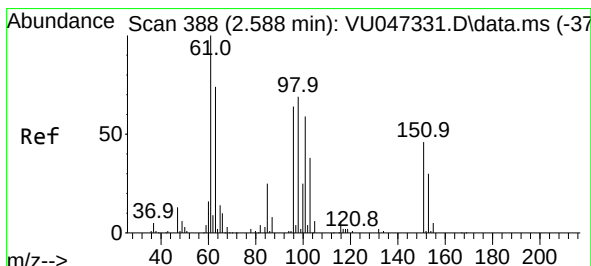
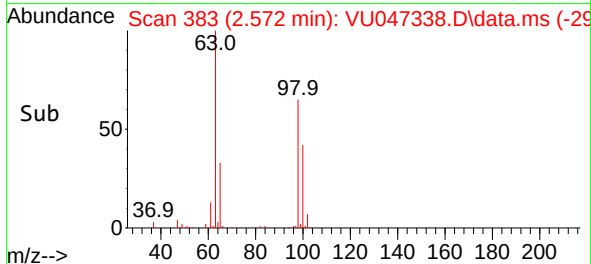
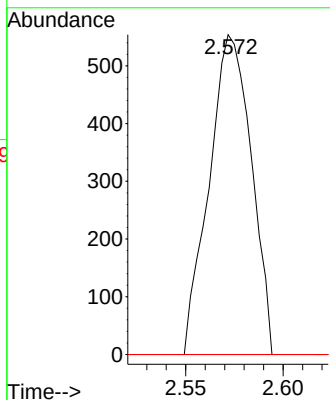
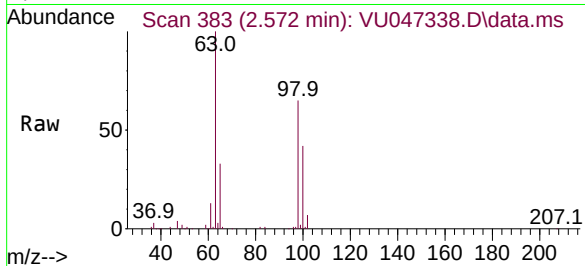




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047338.D
Acq: 04 Mar 2022 18:41

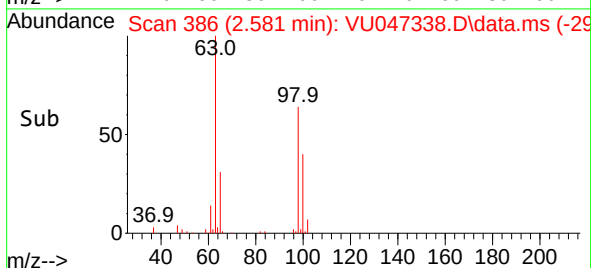
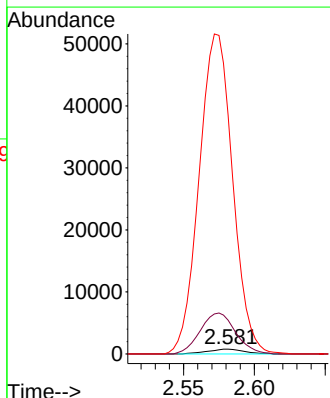
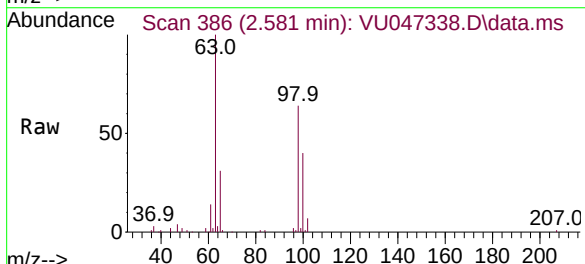
Instrument :
MSVOA_U
ClientSampleId :
GBD88

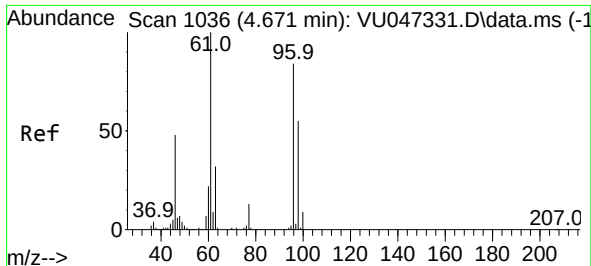
Tgt Ion:101 Resp: 833
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.153 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU047338.D
Acq: 04 Mar 2022 18:41

Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 700.1 124.7 231.5#
63 4947.0 105.2 195.4#

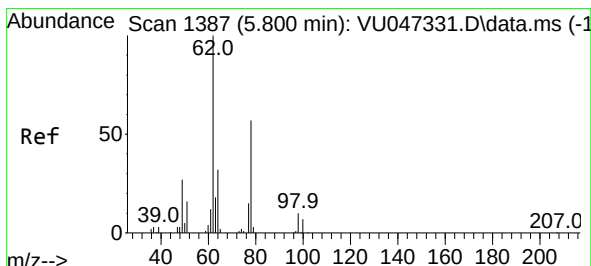
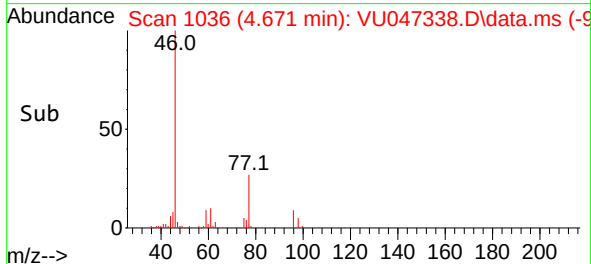
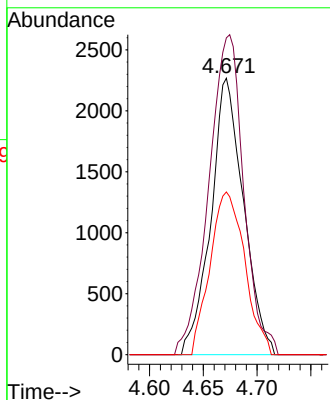
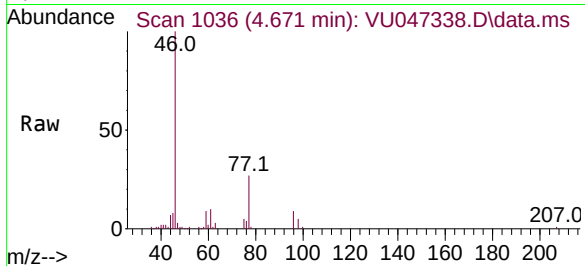




#22
 cis-1,2-Dichloroethene
 Concen: 0.437 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047338.D
 Acq: 04 Mar 2022 18:41

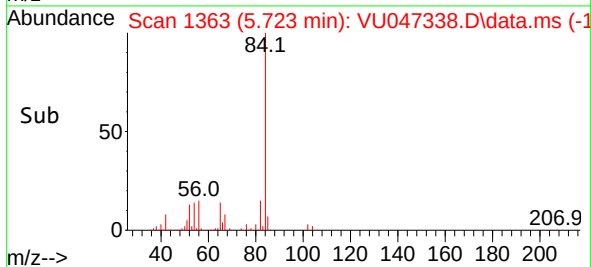
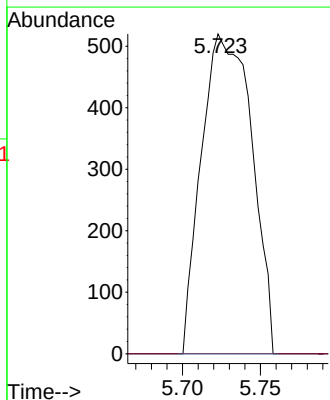
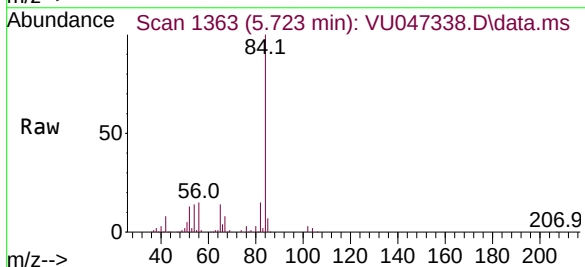
Instrument :
 MSVOA_U
 ClientSampleId :
 GBD88

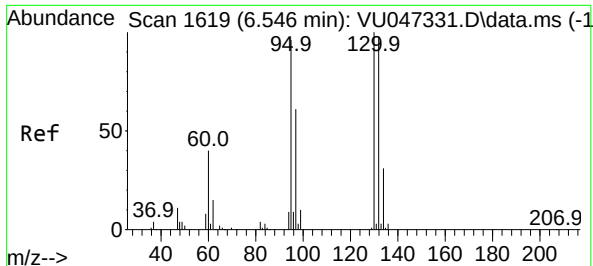
Tgt Ion: 96 Resp: 4790
 Ion Ratio Lower Upper
 96 100
 61 114.6 88.5 164.3
 98 58.9 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.095 ug/L
 RT: 5.723 min Scan# 1363
 Delta R.T. -0.077 min
 Lab File: VU047338.D
 Acq: 04 Mar 2022 18:41

Tgt Ion: 62 Resp: 1170
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 18.094 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047338.D

Acq: 04 Mar 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

GBD88

Tgt Ion: 95 Resp: 192323

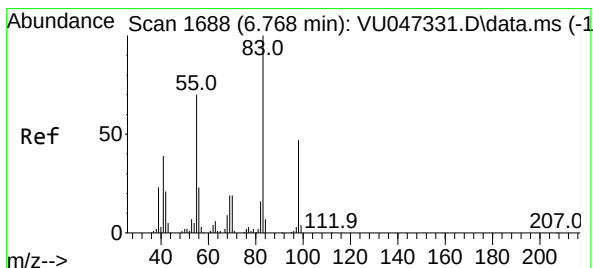
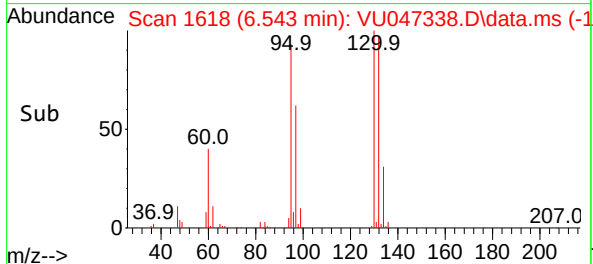
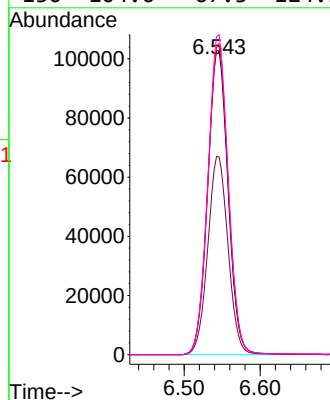
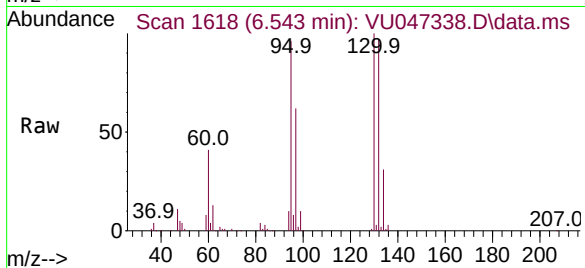
Ion Ratio Lower Upper

95 100

97 65.1 46.5 86.5

132 101.1 65.1 120.9

130 104.6 67.3 124.9



#35

Methylcyclohexane

Concen: 1.145 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047338.D

Acq: 04 Mar 2022 18:41

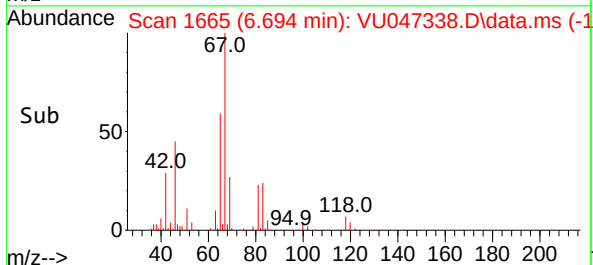
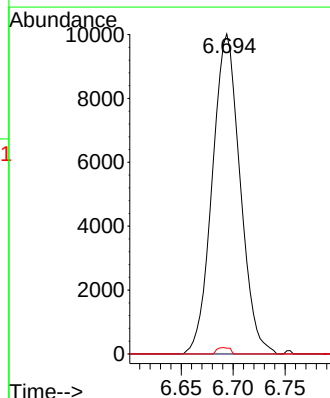
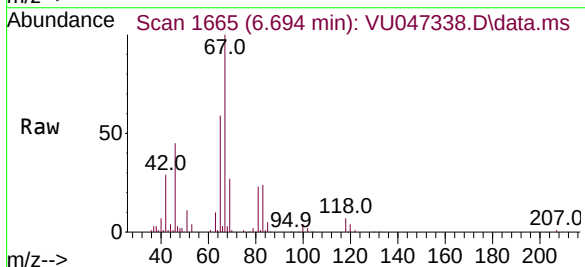
Tgt Ion: 83 Resp: 18667

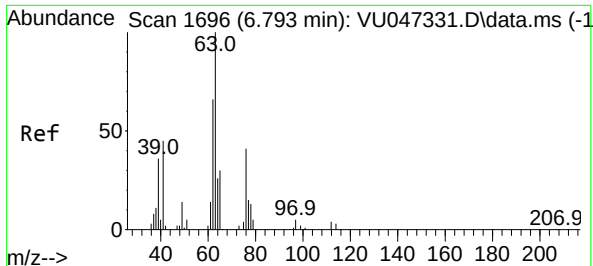
Ion Ratio Lower Upper

83 100

55 0.5 61.9 92.9#

98 0.9 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.854 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047338.D

Acq: 04 Mar 2022 18:41

Instrument :

MSVOA_U

ClientSampleId :

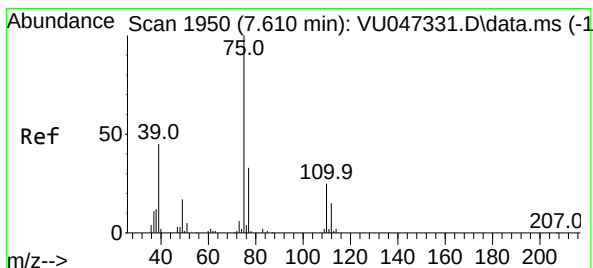
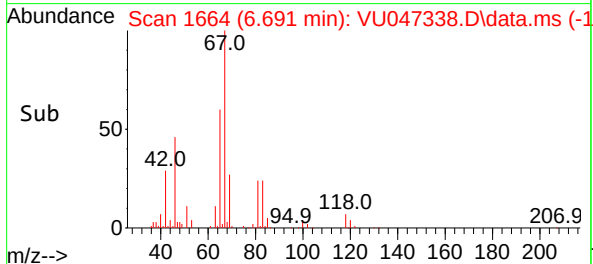
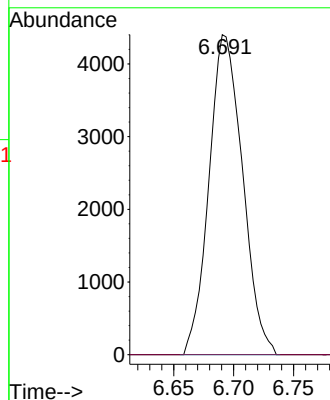
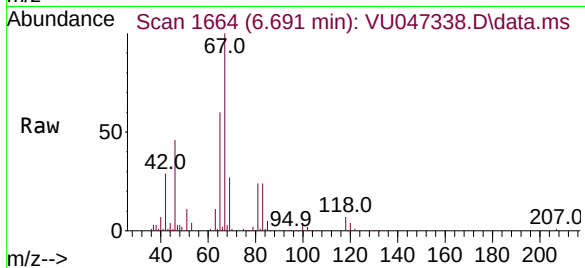
GBD88

Tgt Ion: 63 Resp: 8566

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047338.D

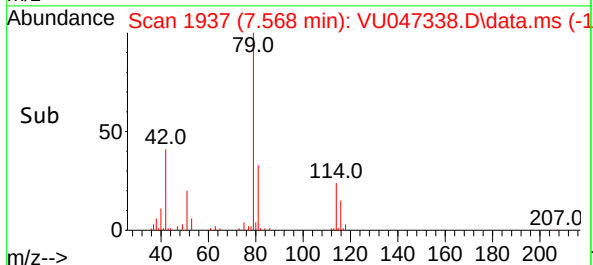
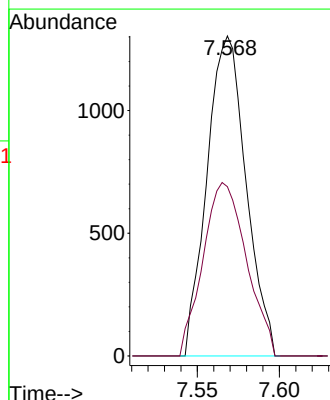
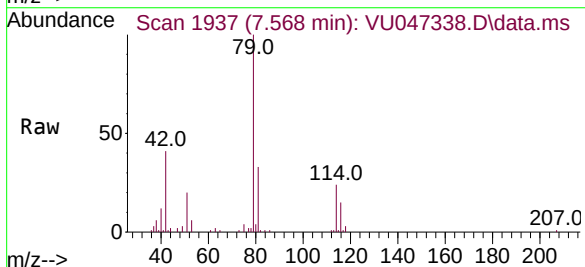
Acq: 04 Mar 2022 18:41

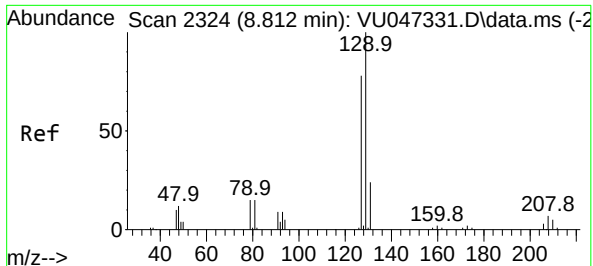
Tgt Ion: 75 Resp: 2158

Ion Ratio Lower Upper

75 100

77 52.9 22.5 41.9#





#49

Dibromochloromethane

Concen: 0.140 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU047338.D

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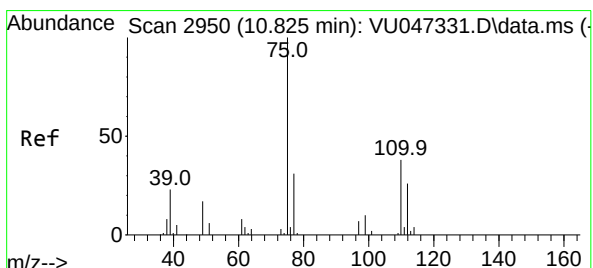
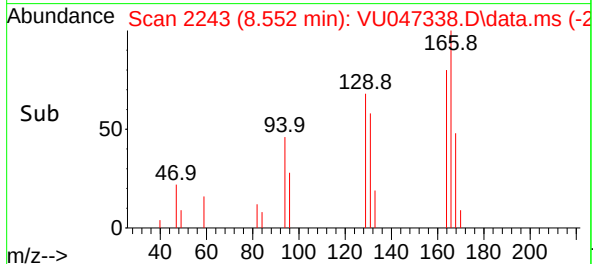
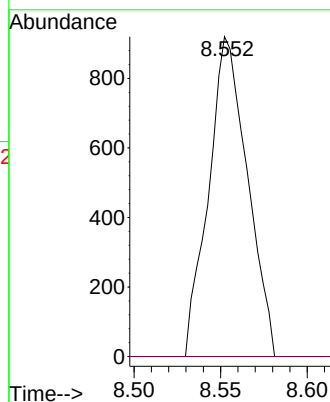
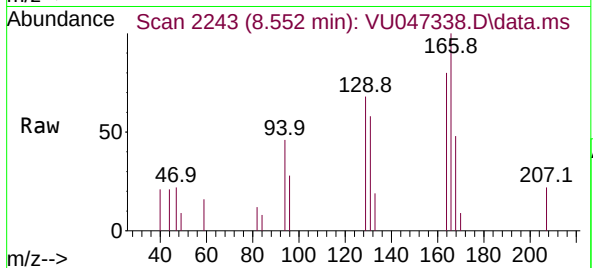
GBD88

Tgt Ion:129 Resp: 1431

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.257 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047338.D

Acq: 04 Mar 2022 18:41

Tgt Ion: 75 Resp: 10172

Ion Ratio Lower Upper

75 100

110 1.5 29.9 44.9#

77 33.0 25.5 38.3

