

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047340.D
 Acq On : 04 Mar 2022 19:29
 Operator : SY/MD
 Sample : N1810-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD90

Quant Time: Mar 04 23:24:48 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)

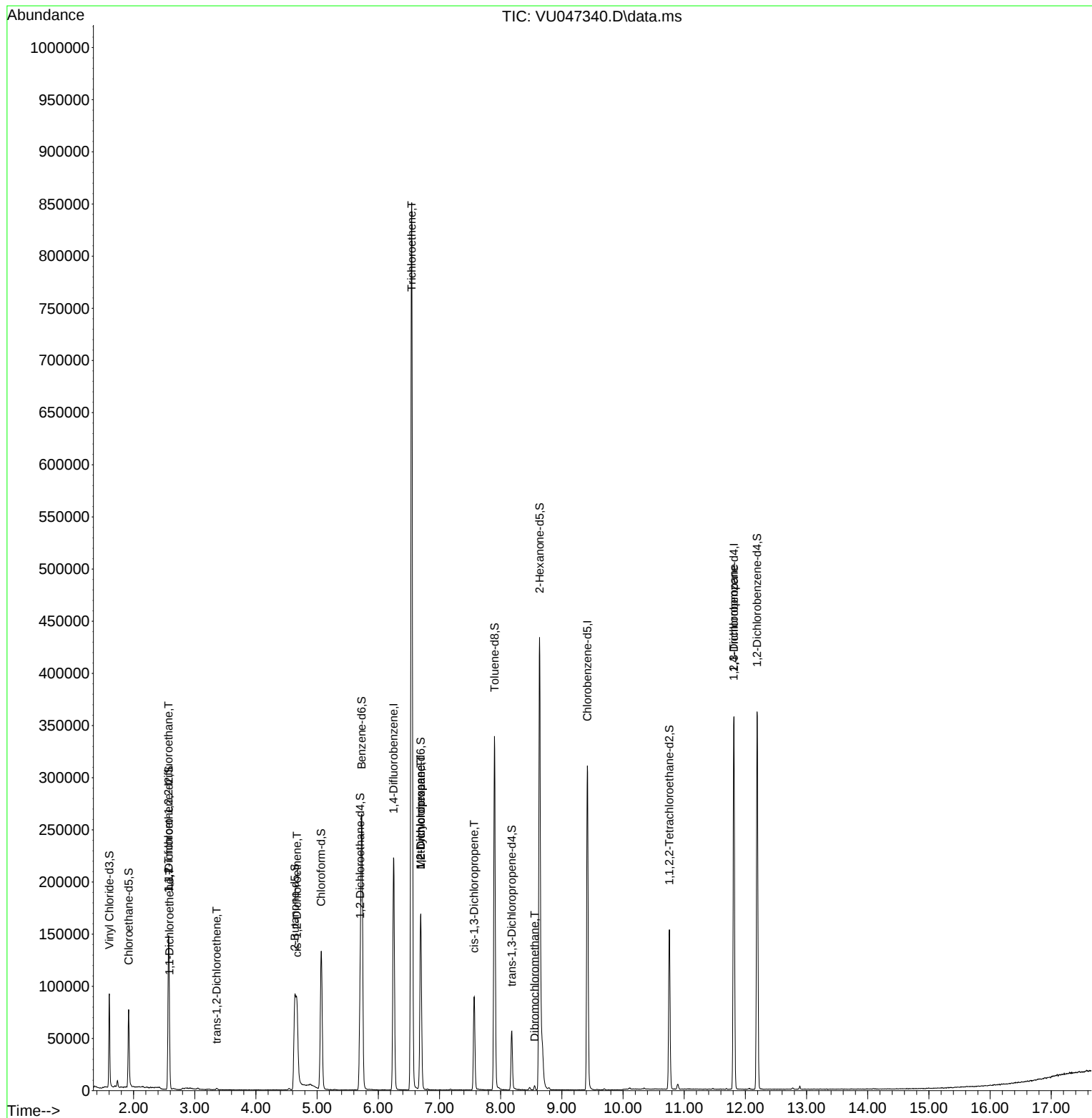
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	192920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63116	4.610	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.919	69	56253	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.575	65	26321	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.636	46	171703	38.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.400%
24) Chloroform-d	5.067	84	123662	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.703	65	69360	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.729	84	253324	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.694	67	80866	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	233096	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.182	79	33064	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.636	63	188738	46.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	76103	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	99627	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	714	0.077	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	3142	0.332	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	859	0.084	ug/L #	62
22) cis-1,2-Dichloroethene	4.671	96	29741	2.660	ug/L	94
34) Trichloroethene	6.546	95	287730	26.400	ug/L	93
35) Methylcyclohexane	6.694	83	18890	1.130	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8264	0.804	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2110	0.129	ug/L #	73
49) Dibromochloromethane	8.555	129	745	0.071	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10437	1.244	ug/L #	67

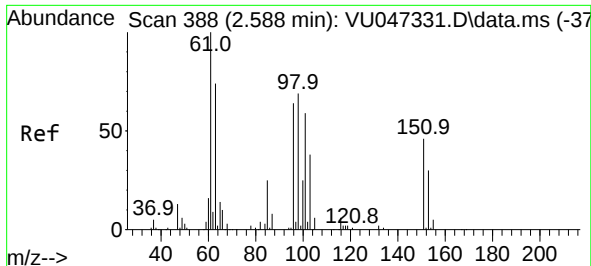
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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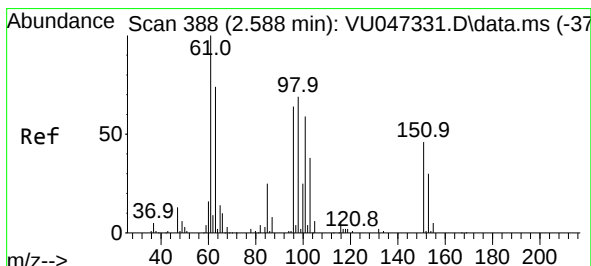
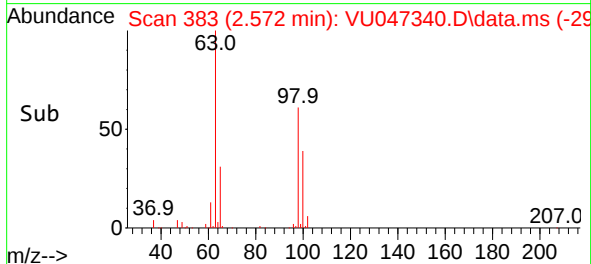
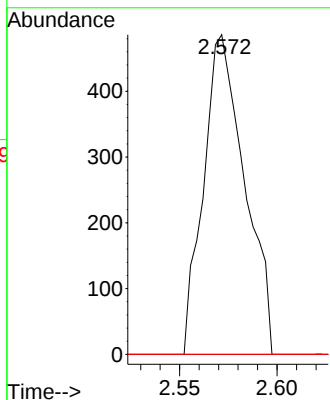
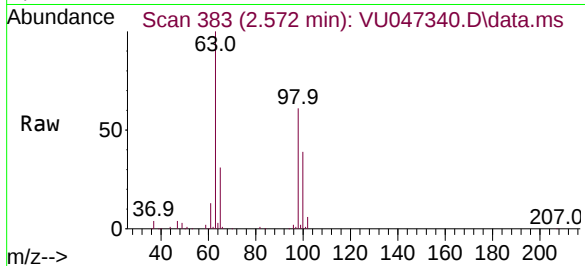




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.077 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047340.D
 Acq: 04 Mar 2022 19:29

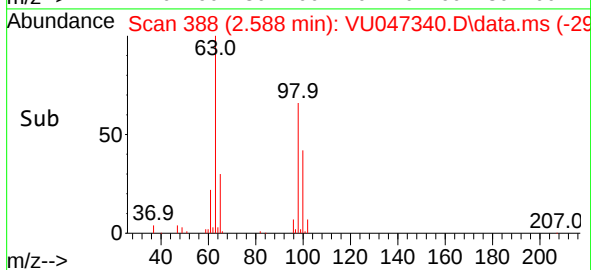
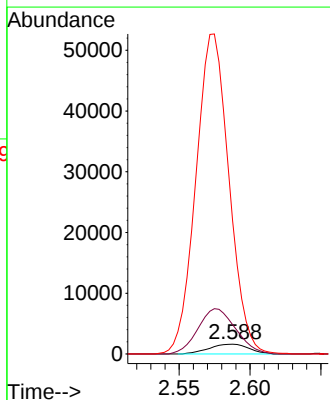
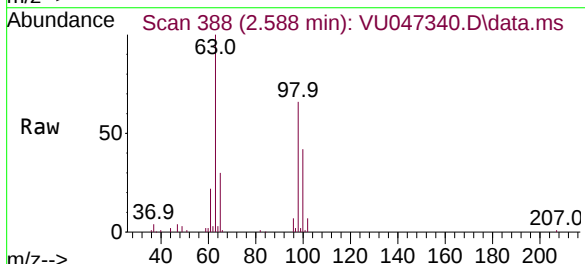
Instrument :
 MSVOA_U
 ClientSampleId :
 GBD90

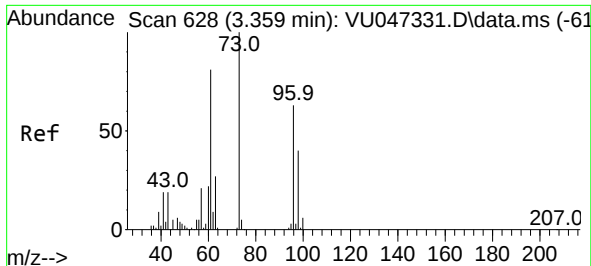
Tgt Ion:101 Resp: 714
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.332 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047340.D
 Acq: 04 Mar 2022 19:29

Tgt Ion: 96 Resp: 3142
 Ion Ratio Lower Upper
 96 100
 61 299.3 124.7 231.5#
 63 1362.3 105.2 195.4#

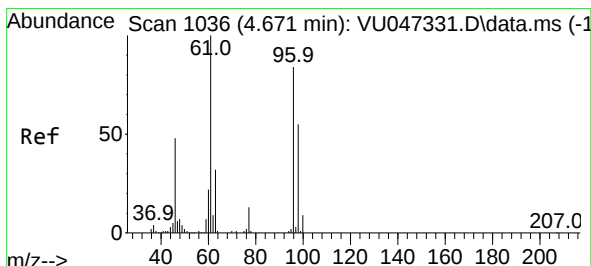
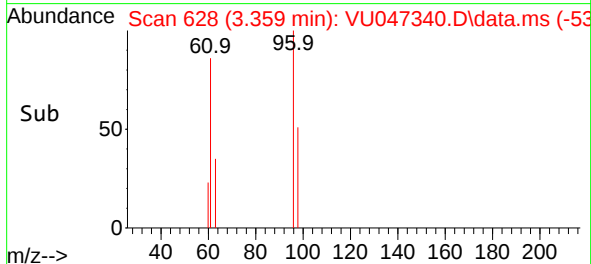
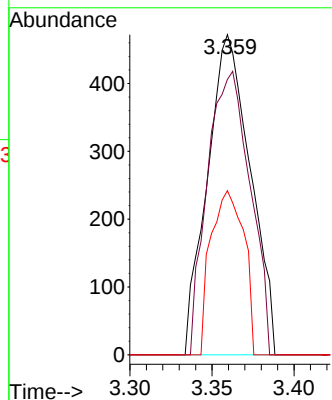
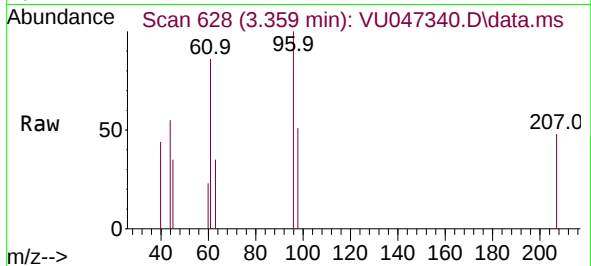




#18
trans-1,2-Dichloroethene
Concen: 0.084 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047340.D
Acq: 04 Mar 2022 19:29

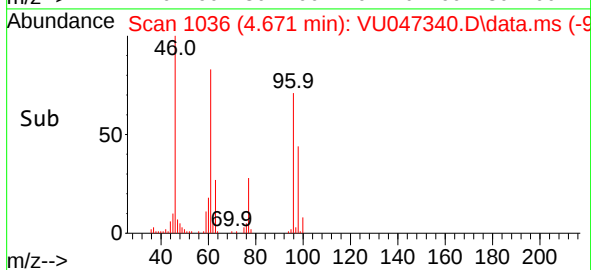
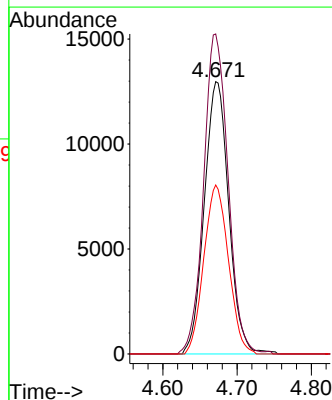
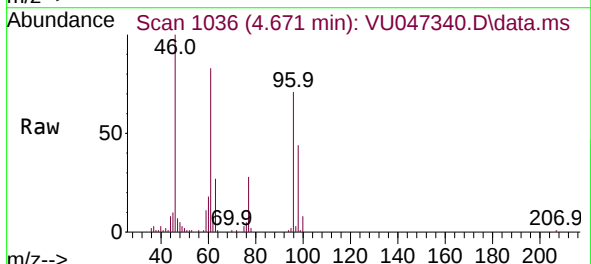
Instrument :
MSVOA_U
ClientSampleId :
GBD90

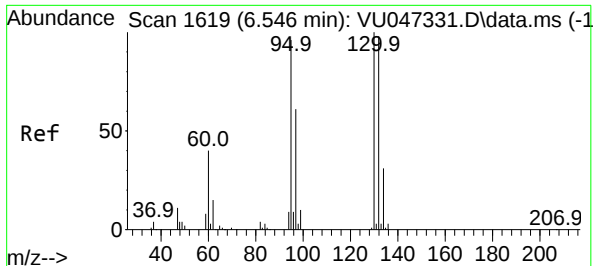
Tgt Ion: 96 Resp: 859
Ion Ratio Lower Upper
96 100
61 86.0 100.8 187.2#
98 51.3 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 2.660 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047340.D
Acq: 04 Mar 2022 19:29

Tgt Ion: 96 Resp: 29741
Ion Ratio Lower Upper
96 100
61 117.5 88.5 164.3
98 62.0 44.4 82.5





#34

Trichloroethene

Concen: 26.400 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047340.D

Acq: 04 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

GBD90

Tgt Ion: 95 Resp: 287730

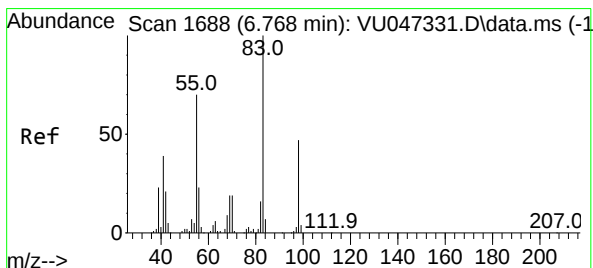
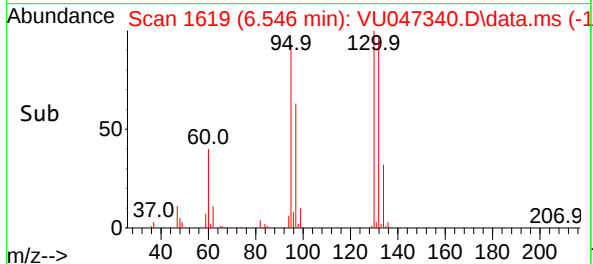
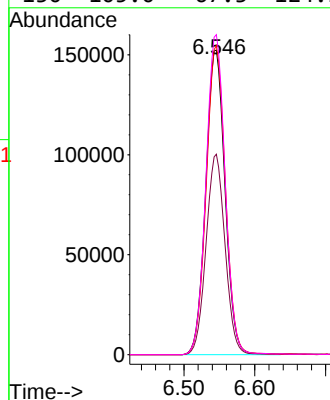
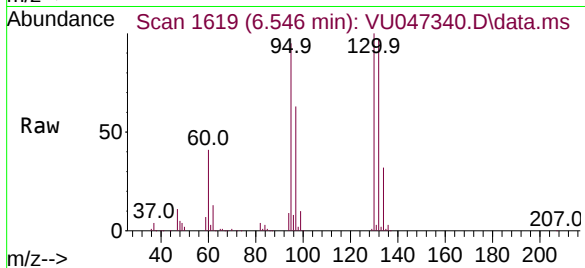
Ion Ratio Lower Upper

95 100

97 65.8 46.5 86.5

132 101.5 65.1 120.9

130 105.0 67.3 124.9



#35

Methylcyclohexane

Concen: 1.130 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047340.D

Acq: 04 Mar 2022 19:29

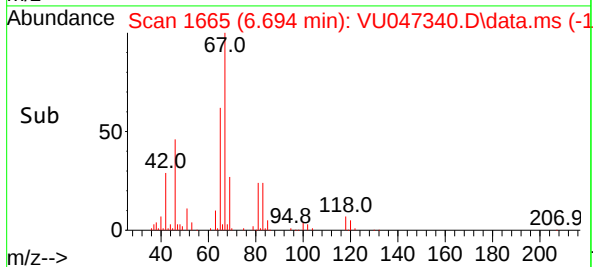
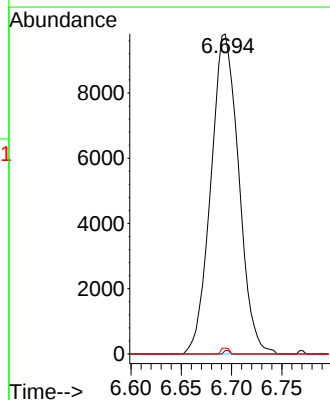
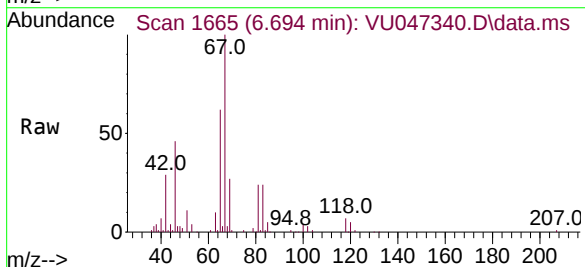
Tgt Ion: 83 Resp: 18890

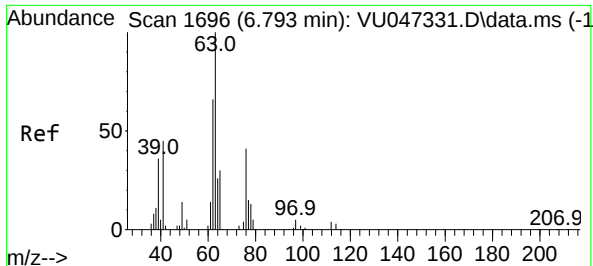
Ion Ratio Lower Upper

83 100

55 0.2 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.804 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047340.D

Acq: 04 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

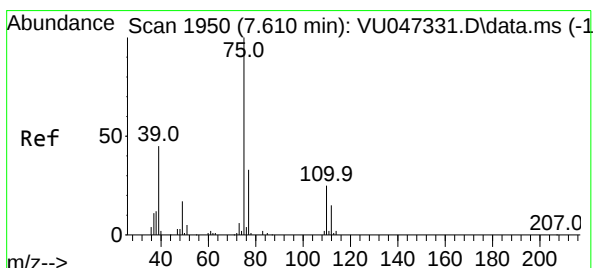
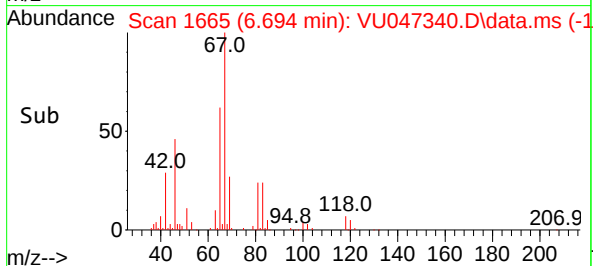
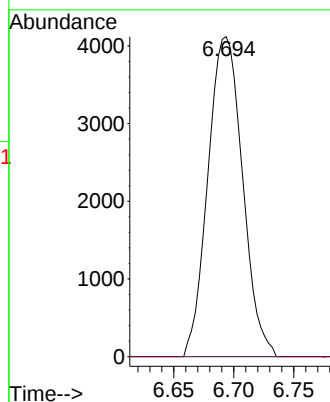
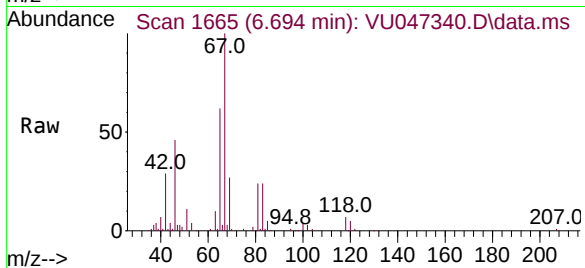
GBD90

Tgt Ion: 63 Resp: 8264

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047340.D

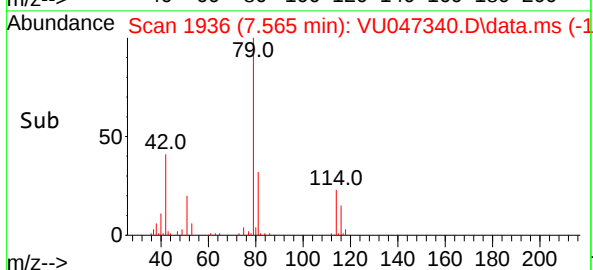
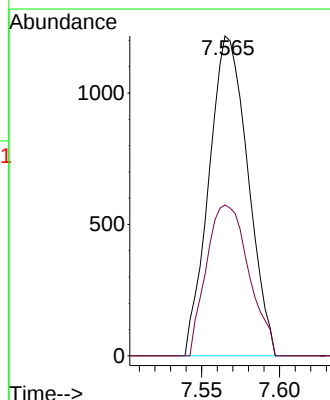
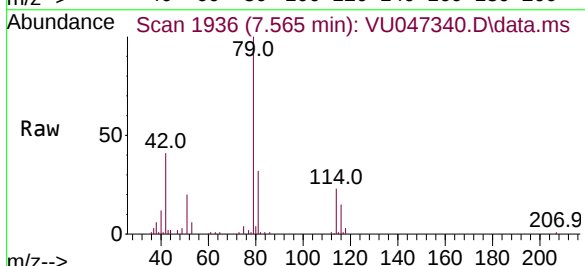
Acq: 04 Mar 2022 19:29

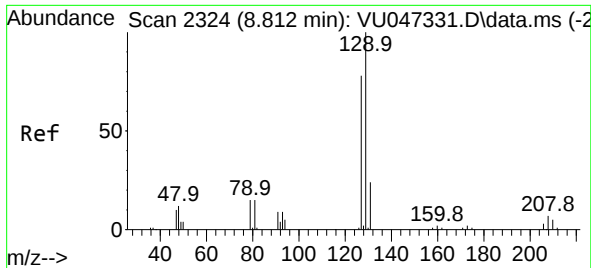
Tgt Ion: 75 Resp: 2110

Ion Ratio Lower Upper

75 100

77 47.2 22.5 41.9#

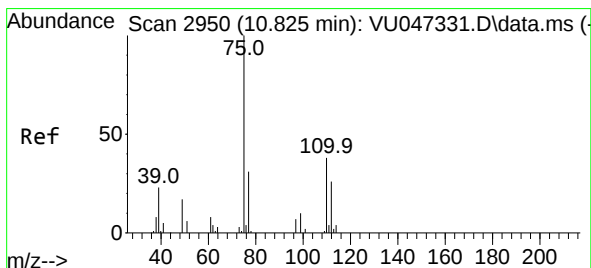
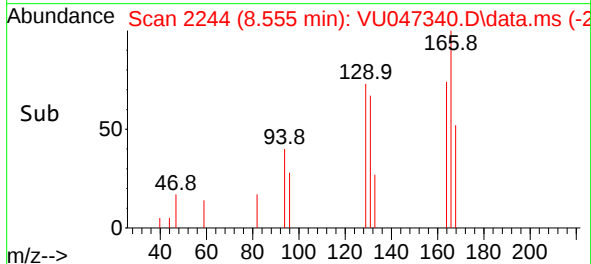
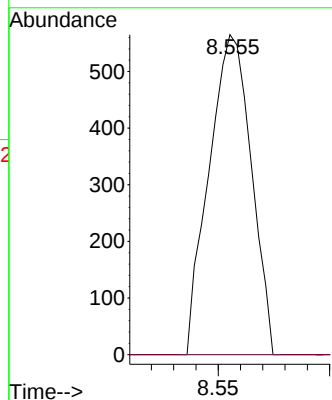
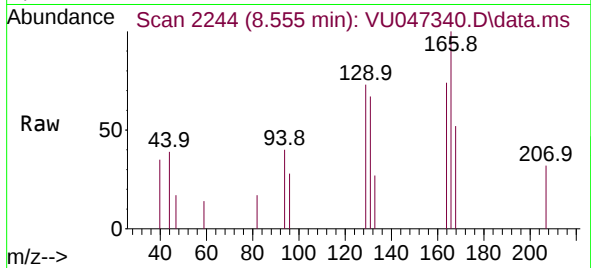




#49
Dibromochloromethane
Concen: 0.071 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU047340.D
Acq: 04 Mar 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
GBD90

Tgt Ion:129 Resp: 745
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.244 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.984 min
Lab File: VU047340.D
Acq: 04 Mar 2022 19:29

Tgt Ion: 75 Resp: 10437
Ion Ratio Lower Upper
75 100
110 1.8 29.9 44.9#
77 30.4 25.5 38.3

