

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047339.D
 Acq On : 04 Mar 2022 19:05
 Operator : SY/MD
 Sample : N1810-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD89

Quant Time: Mar 04 23:24:34 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)

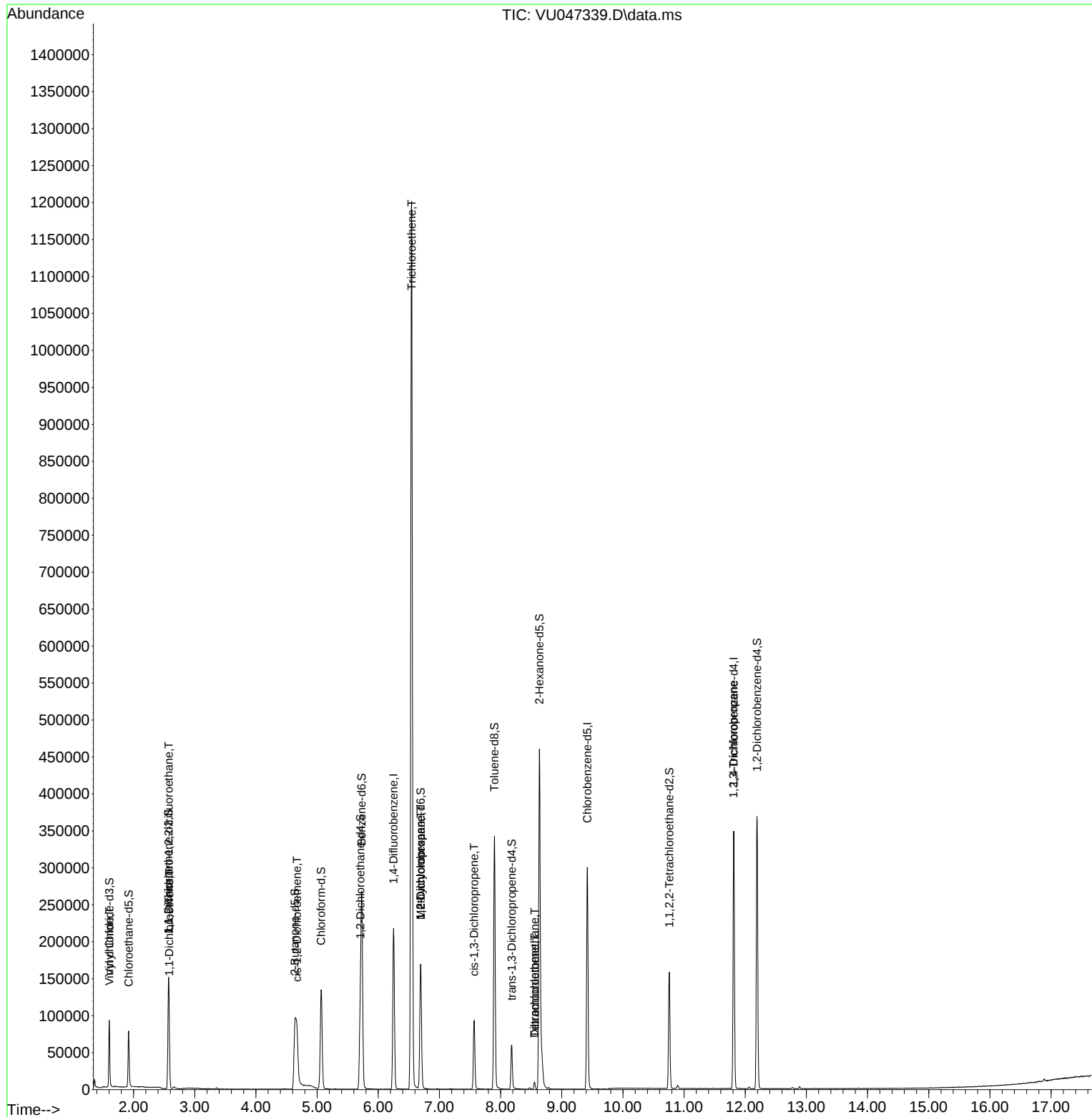
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64199	4.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.919	69	57594	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.571	65	27459	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.639	46	188276	43.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.040%
24) Chloroform-d	5.067	84	125642	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.706	65	70121	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.729	84	256841	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.693	67	82065	5.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	234925	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.182	79	33667	4.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.636	63	192895	49.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77660	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	101516	5.408	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1174	0.095	ug/L #	14
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	765	0.086	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	3447	0.379	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	26040	2.420	ug/L	91
34) Trichloroethene	6.546	95	401837	38.387	ug/L	93
35) Methylcyclohexane	6.693	83	18966	1.182	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8727	0.884	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2159	0.138	ug/L #	49
47) Tetrachloroethene	8.555	164	2227	0.250	ug/L	90
49) Dibromochloromethane	8.555	129	1948	0.194	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10298	1.295	ug/L #	67

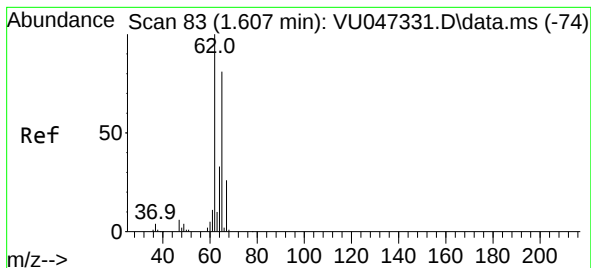
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.095 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

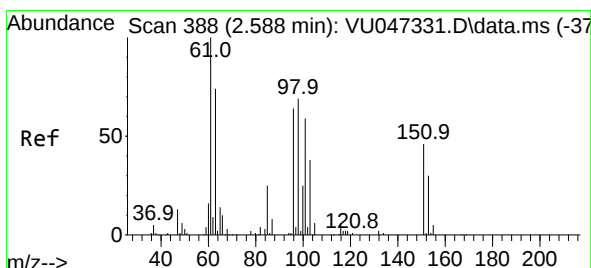
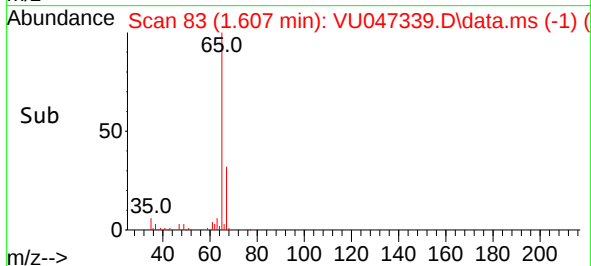
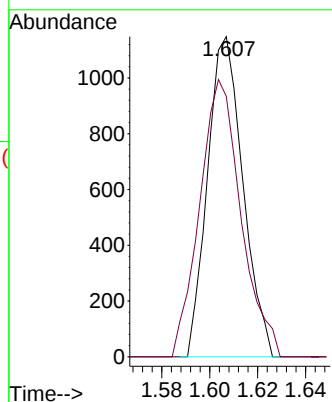
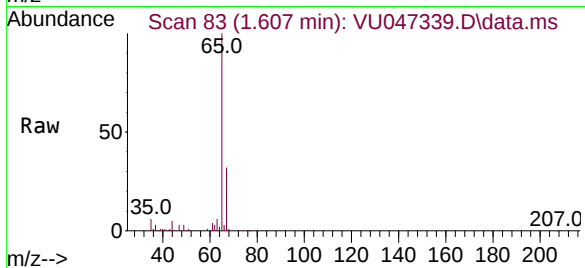
GBD89

Tgt Ion: 62 Resp: 1174

Ion Ratio Lower Upper

62 100

64 81.4 22.9 42.5#



#10

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

Concen: 0.086 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

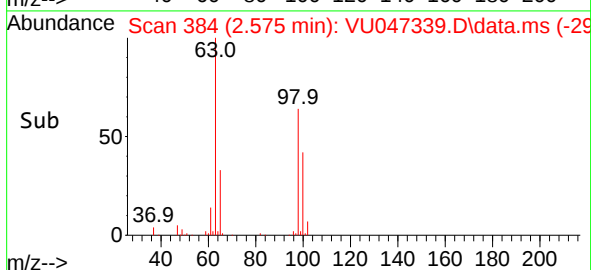
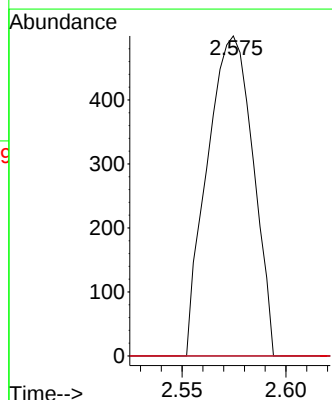
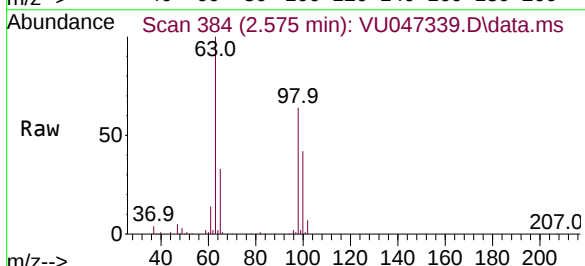
Tgt Ion: 101 Resp: 765

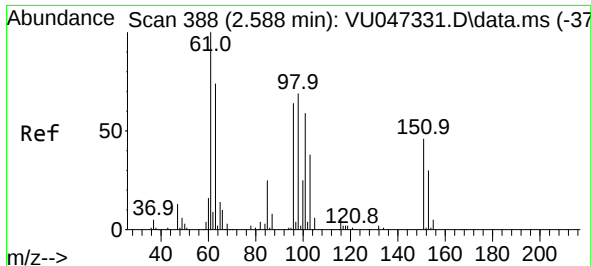
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.379 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

GBD89

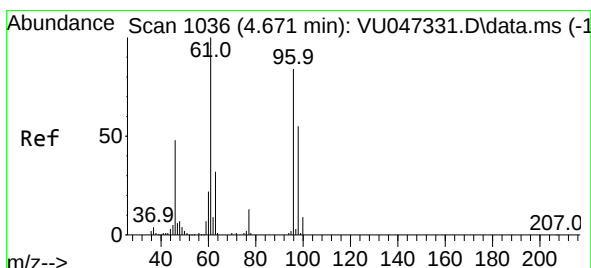
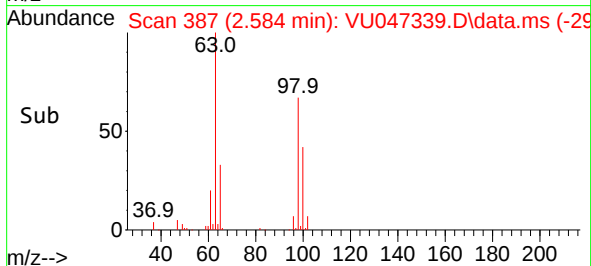
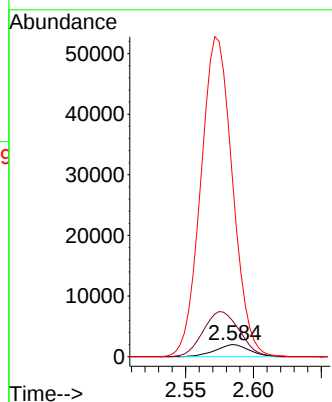
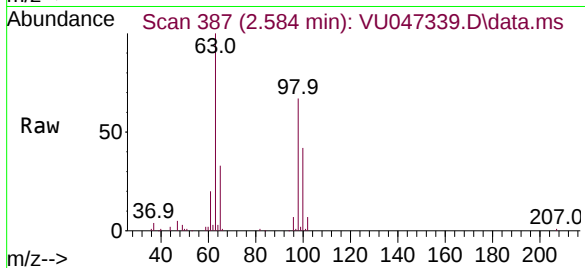
Tgt Ion: 96 Resp: 3447

Ion Ratio Lower Upper

96 100

61 298.8 124.7 231.5#

63 1490.8 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 2.420 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

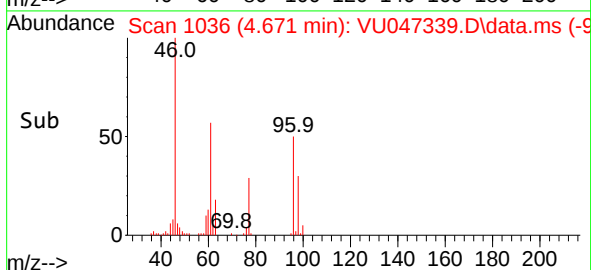
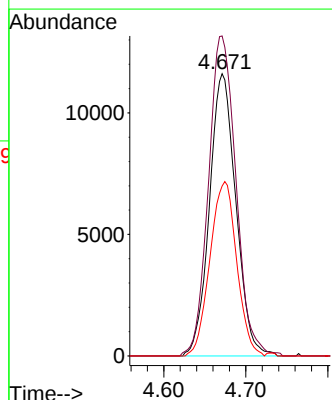
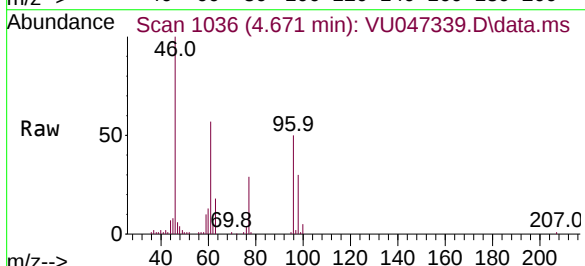
Tgt Ion: 96 Resp: 26040

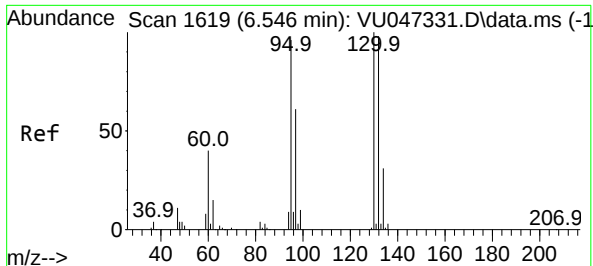
Ion Ratio Lower Upper

96 100

61 113.4 88.5 164.3

98 60.2 44.4 82.5





#34

Trichloroethene

Concen: 38.387 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

GBD89

Tgt Ion: 95 Resp: 401837

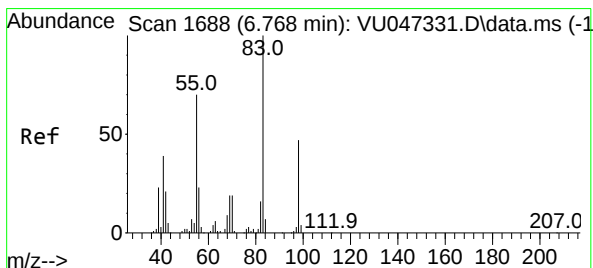
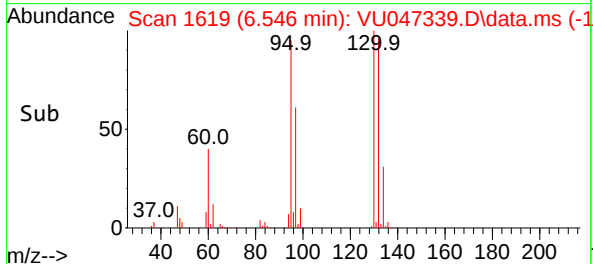
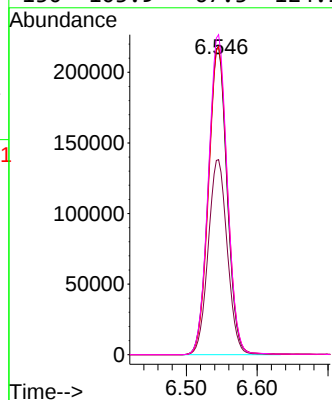
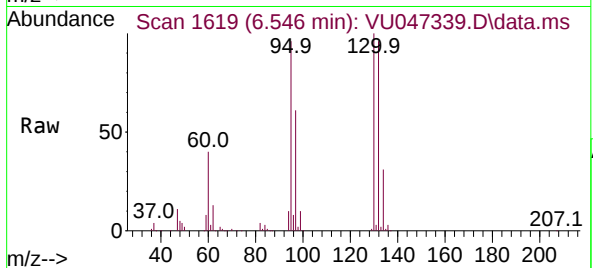
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.5

132 100.0 65.1 120.9

130 103.9 67.3 124.9



#35

Methylcyclohexane

Concen: 1.182 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

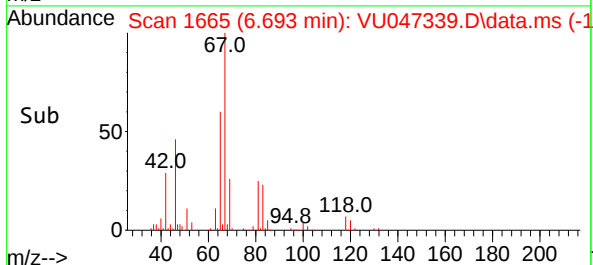
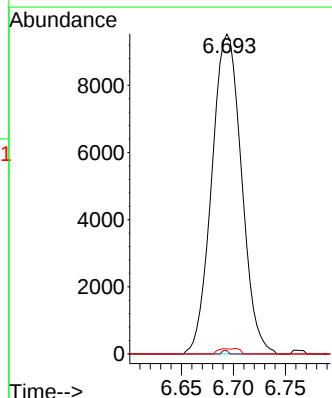
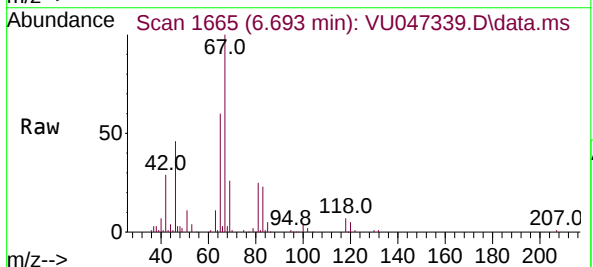
Tgt Ion: 83 Resp: 18966

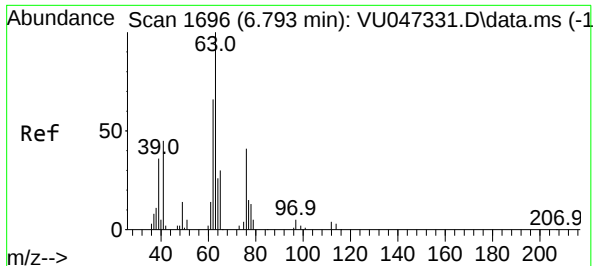
Ion Ratio Lower Upper

83 100

55 0.2 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.884 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

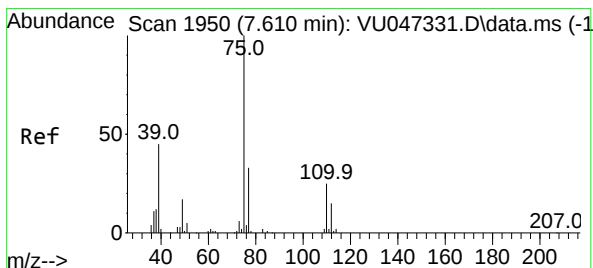
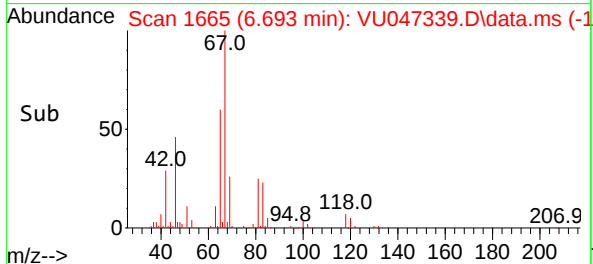
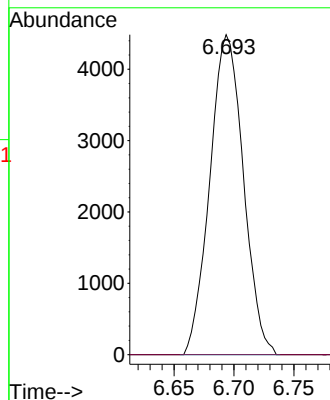
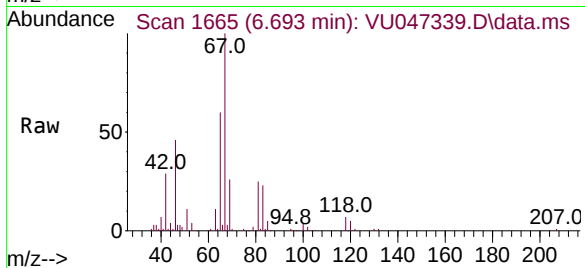
GBD89

Tgt Ion: 63 Resp: 8727

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047339.D

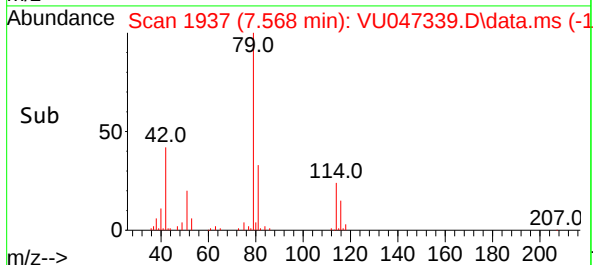
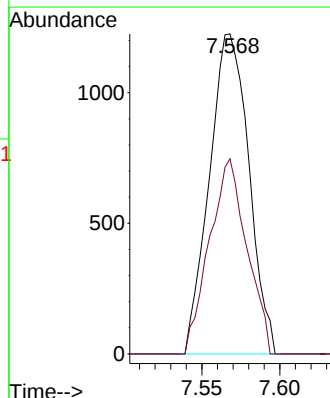
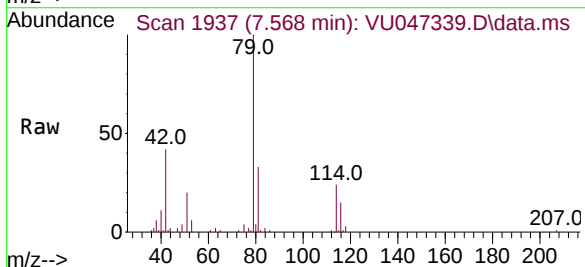
Acq: 04 Mar 2022 19:05

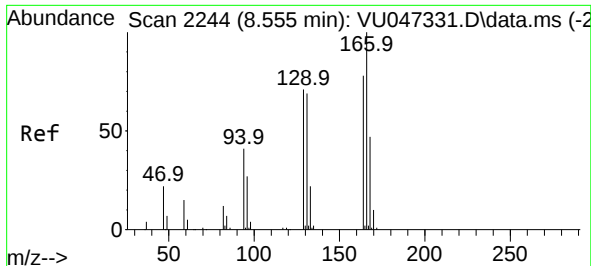
Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

75 100

77 61.0 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.250 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047339.D

Acq: 04 Mar 2022 19:05

Instrument :

MSVOA_U

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Tgt Ion:164 Resp: 2227

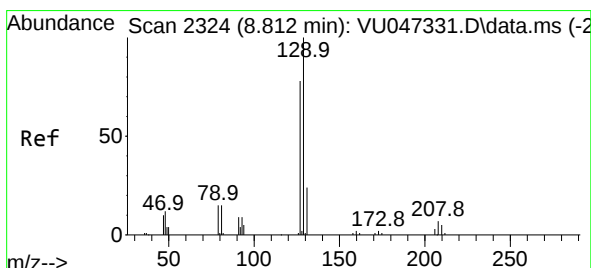
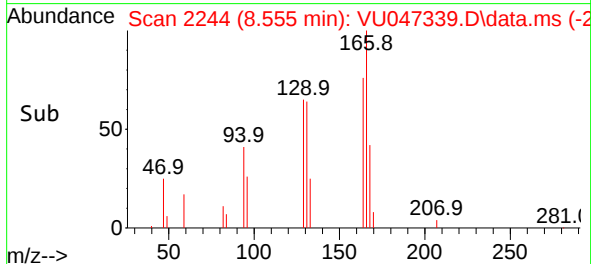
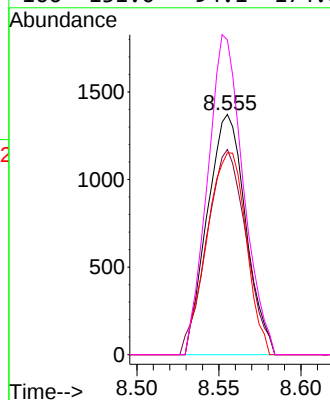
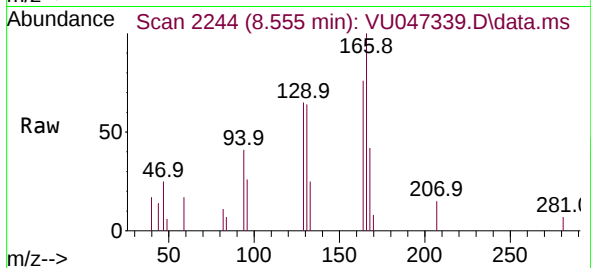
Ion Ratio Lower Upper

164 100

129 85.4 71.8 133.4

131 84.0 68.5 127.3

166 131.0 94.1 174.8



#49

Dibromochloromethane

Concen: 0.194 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047339.D

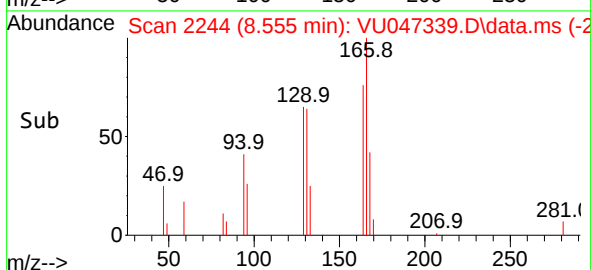
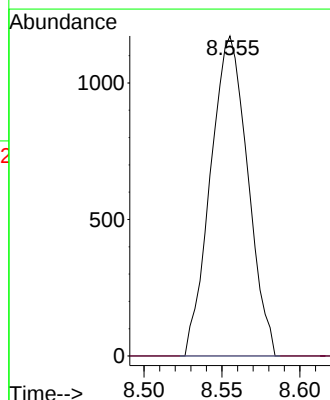
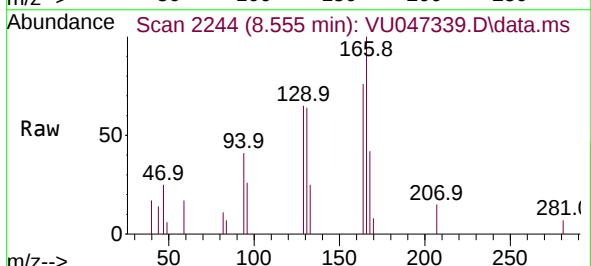
Acq: 04 Mar 2022 19:05

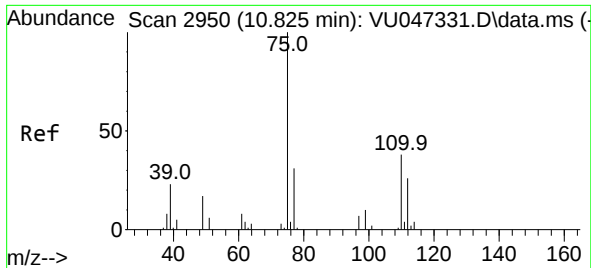
Tgt Ion:129 Resp: 1948

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.295 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU047339.D
 Acq: 04 Mar 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD89

Tgt Ion: 75 Resp: 10298
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.9 44.9#
 77 30.6 25.5 38.3

