

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047317.D
 Acq On : 03 Mar 2022 15:59
 Operator : SY/MD
 Sample : N1773-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY12DL

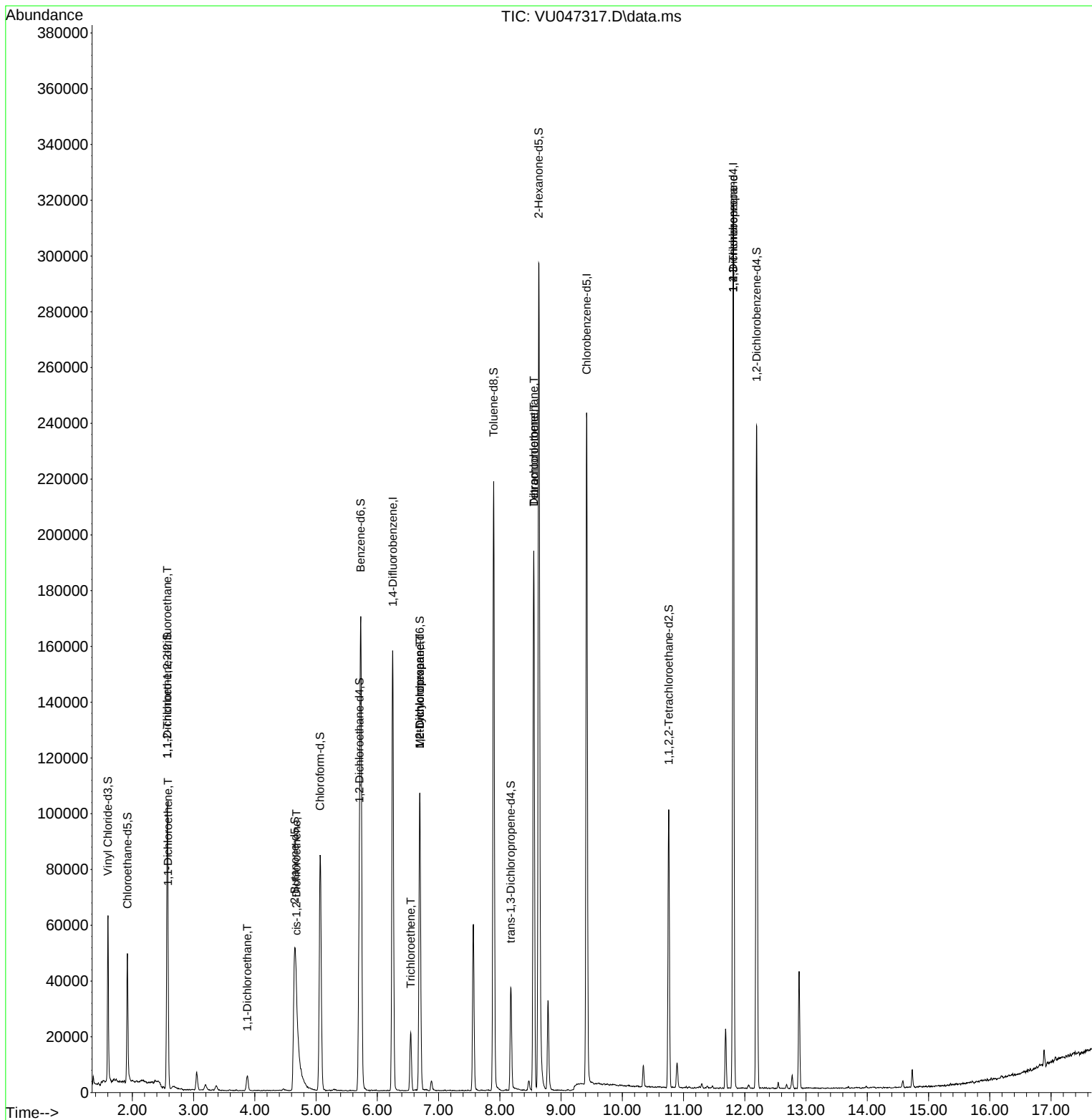
Quant Time: Mar 04 01:55:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

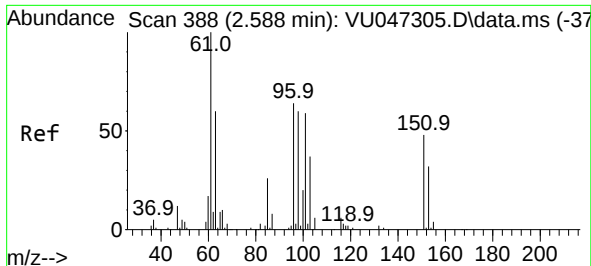
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	136397	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	141050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41653	3.616	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.919	69	35385	3.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.571	65	18165	3.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.652	46	137149	49.811	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.067	84	79192	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.706	65	43496	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.729	84	160886	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	50948	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.899	98	150828	3.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.179	79	22204	3.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.636	63	120102	40.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50205	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	66404	4.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	552	0.059	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1695	0.189	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	6268	0.370	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	1058	0.100	ug/L	95
34) Trichloroethene	6.546	95	7232	0.677	ug/L	95
35) Methylcyclohexane	6.694	83	11957	0.663	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	5246	0.506	ug/L #	88
47) Tetrachloroethene	8.555	164	46110	5.315	ug/L	92
49) Dibromochloromethane	8.555	129	42146	4.349	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9241	1.117	ug/L #	65

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

Quant Time: Mar 04 01:55:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 01:50:04 2022
Response via : Initial Calibration





#10

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

Concen: 0.059 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

BFY12DL

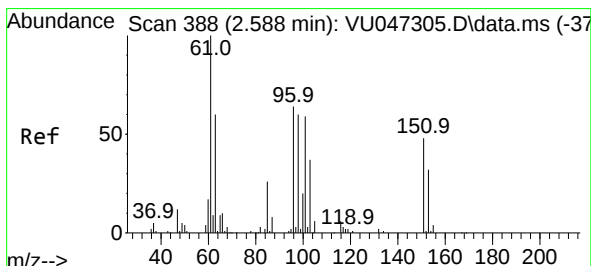
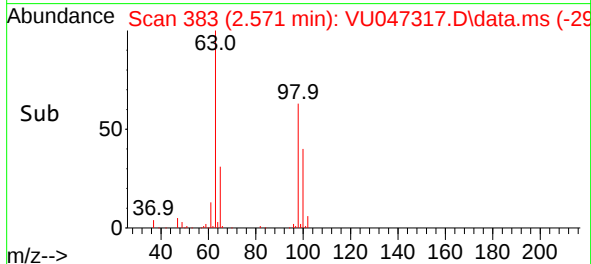
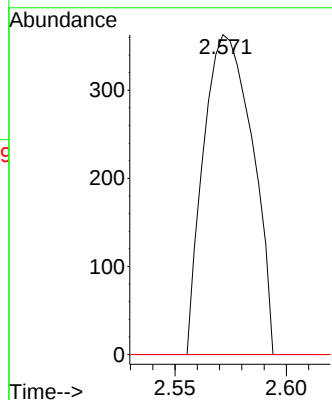
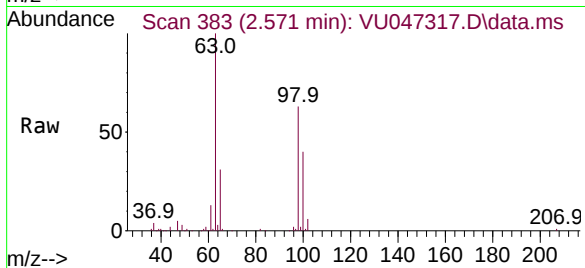
Tgt Ion:101 Resp: 552

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: 0.189 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

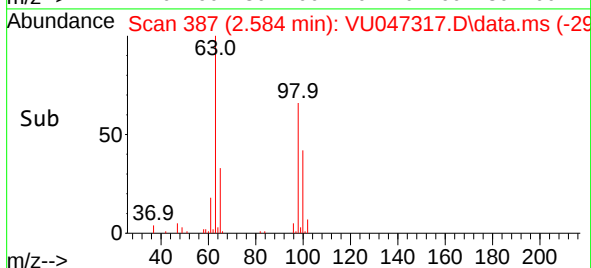
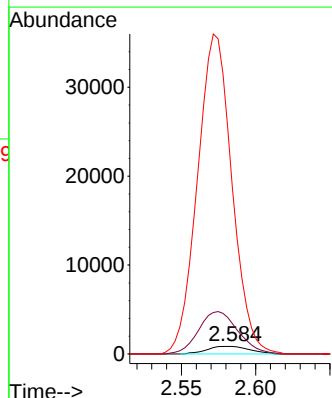
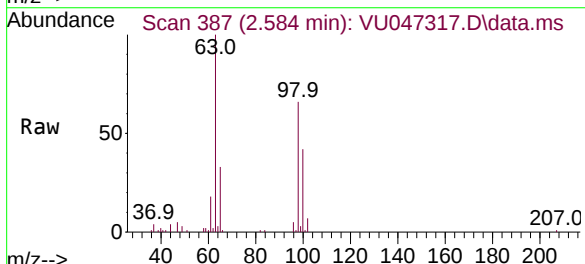
Tgt Ion: 96 Resp: 1695

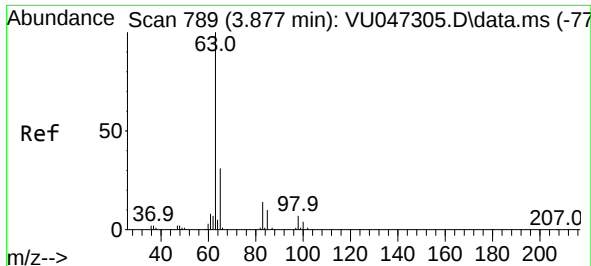
Ion Ratio Lower Upper

96 100

61 402.7 124.7 231.5#

63 2204.0 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.370 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

BFY12DL

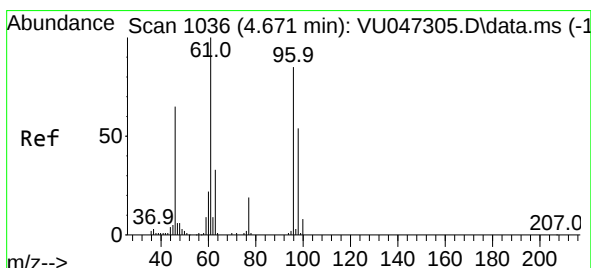
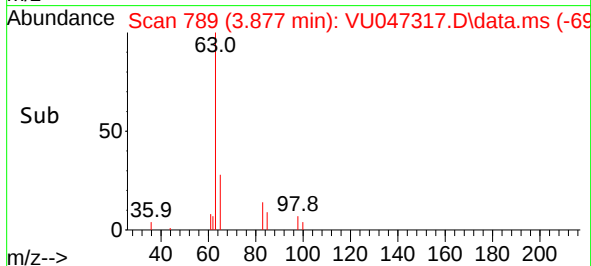
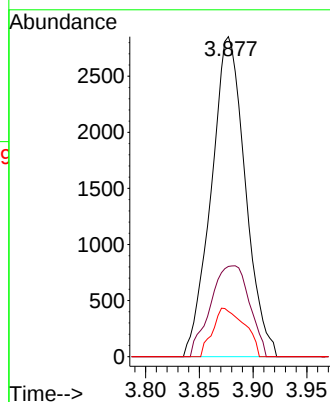
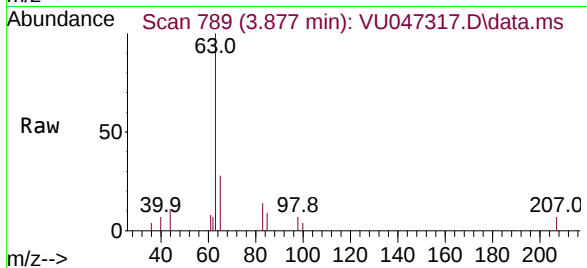
Tgt Ion: 63 Resp: 6268

Ion Ratio Lower Upper

63 100

65 28.2 22.3 41.5

83 14.1 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

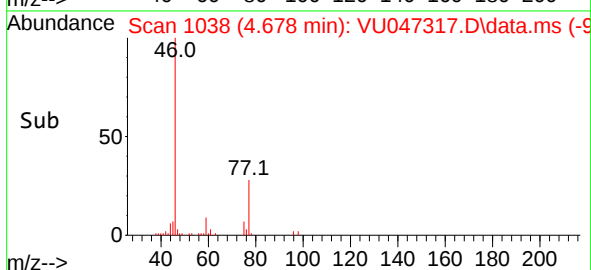
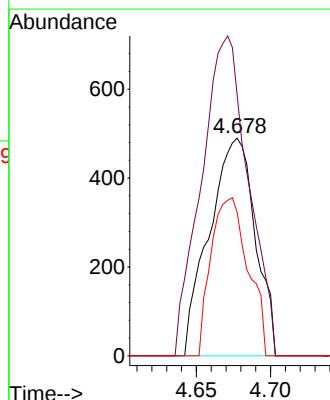
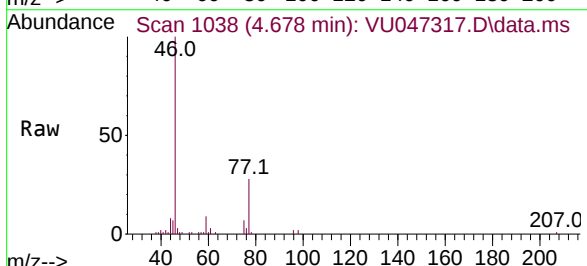
Tgt Ion: 96 Resp: 1058

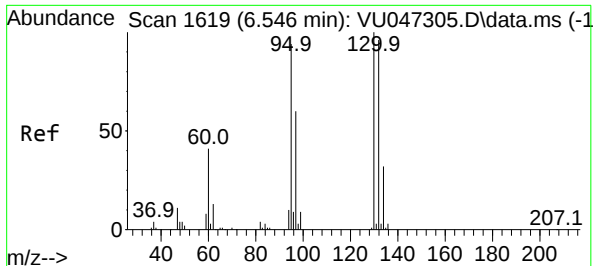
Ion Ratio Lower Upper

96 100

61 119.8 88.5 164.3

98 65.9 44.4 82.5



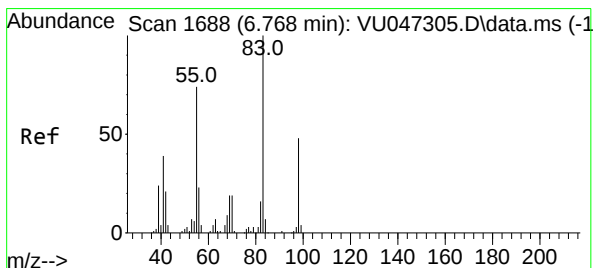
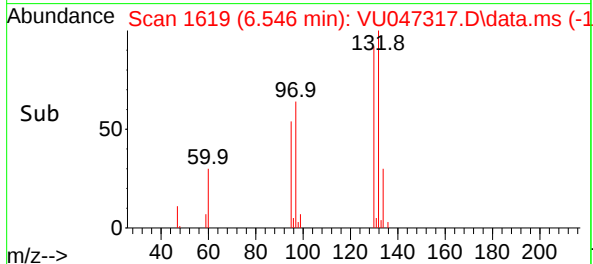
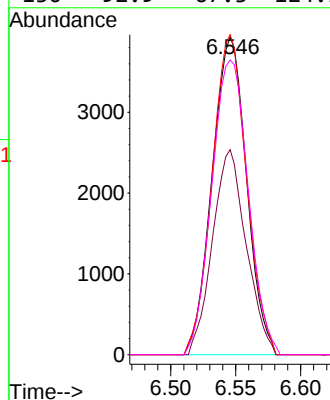
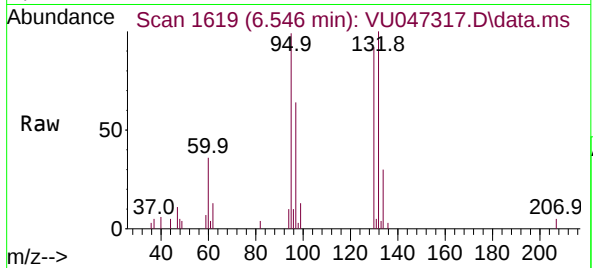


#34
Trichloroethene
Concen: 0.677 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047317.D
Acq: 03 Mar 2022 15:59

Instrument :
MSVOA_U
ClientSampleId :
BFY12DL

Tgt Ion: 95 Resp: 7232

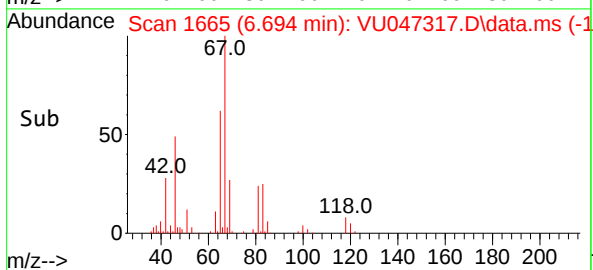
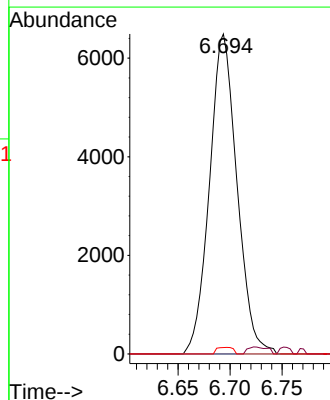
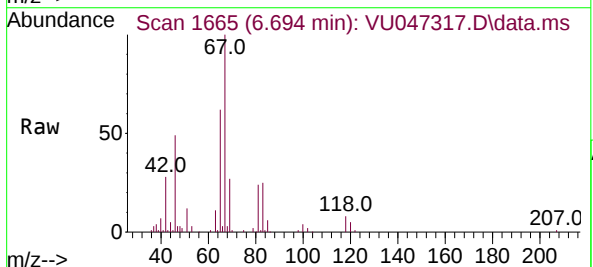
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	100.8	65.1	120.9
130	92.9	67.3	124.9

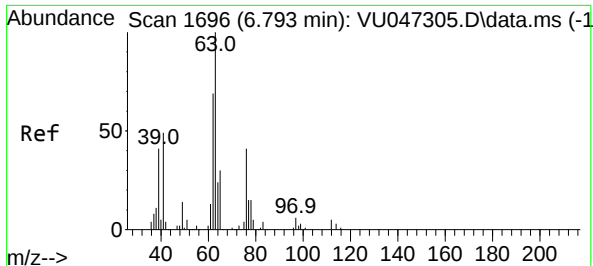


#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047317.D
Acq: 03 Mar 2022 15:59

Tgt Ion: 83 Resp: 11957

Ion	Ratio	Lower	Upper
83	100		
55	1.6	61.9	92.9#
98	1.2	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

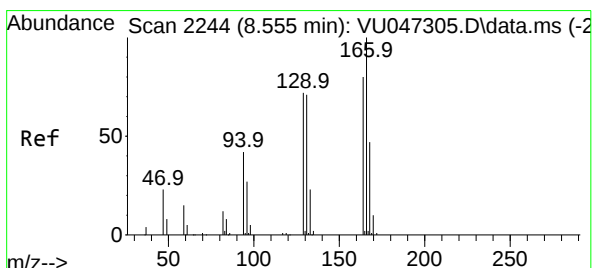
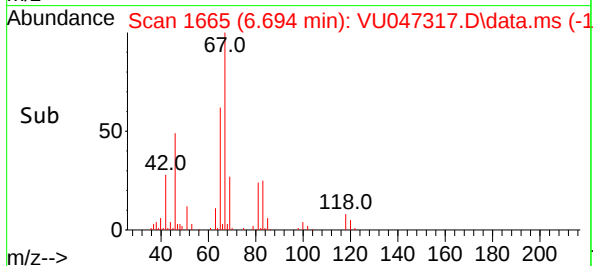
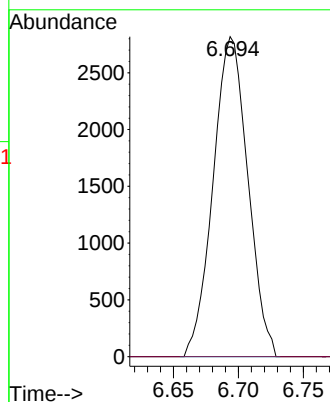
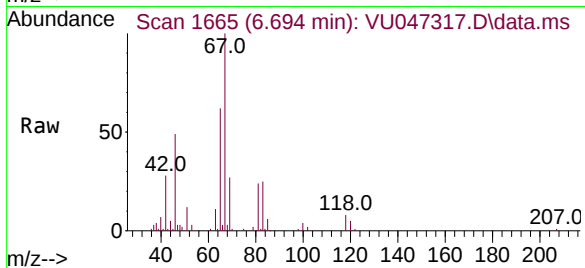
BFY12DL

Tgt Ion: 63 Resp: 5246

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 5.315 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047317.D

Acq: 03 Mar 2022 15:59

Tgt Ion: 164 Resp: 46110

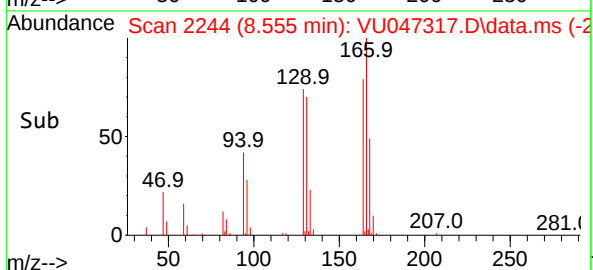
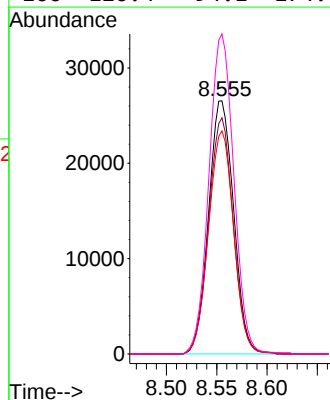
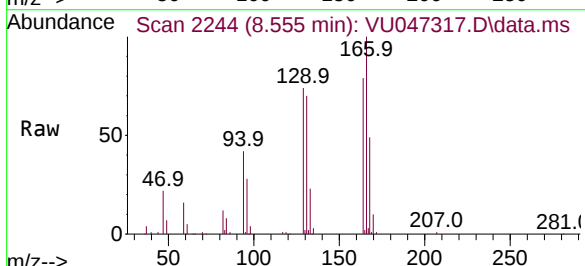
Ion Ratio Lower Upper

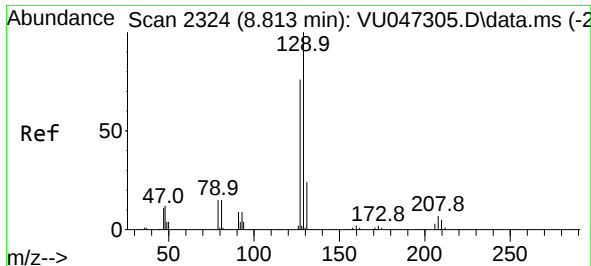
164 100

129 93.3 71.8 133.4

131 88.1 68.5 127.3

166 126.4 94.1 174.8

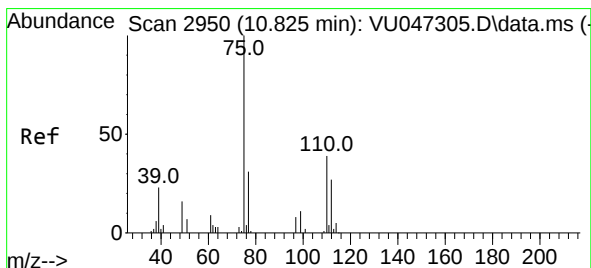
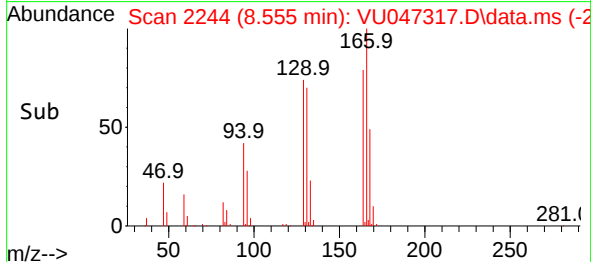
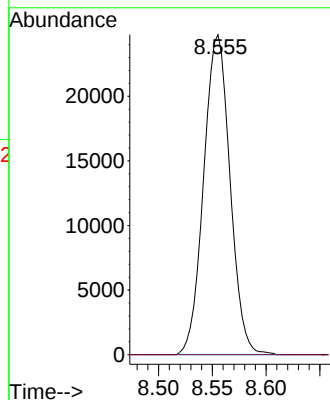
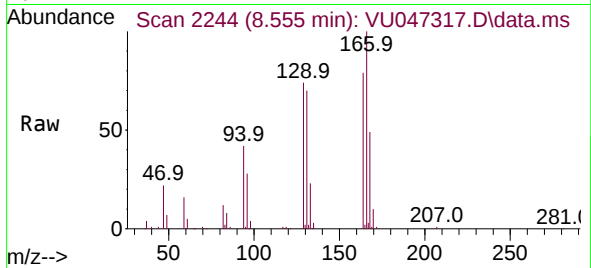




#49
Dibromochloromethane
Concen: 4.349 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU047317.D
Acq: 03 Mar 2022 15:59

Instrument :
MSVOA_U
ClientSampleId :
BFY12DL

Tgt Ion:129 Resp: 42146
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047317.D
Acq: 03 Mar 2022 15:59

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
110 1.4 29.9 44.9#
77 34.7 25.5 38.3

