

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047734.D
 Acq On : 28 Mar 2022 17:45
 Operator : SY/MD
 Sample : N2081-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6

Quant Time: Mar 29 01:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

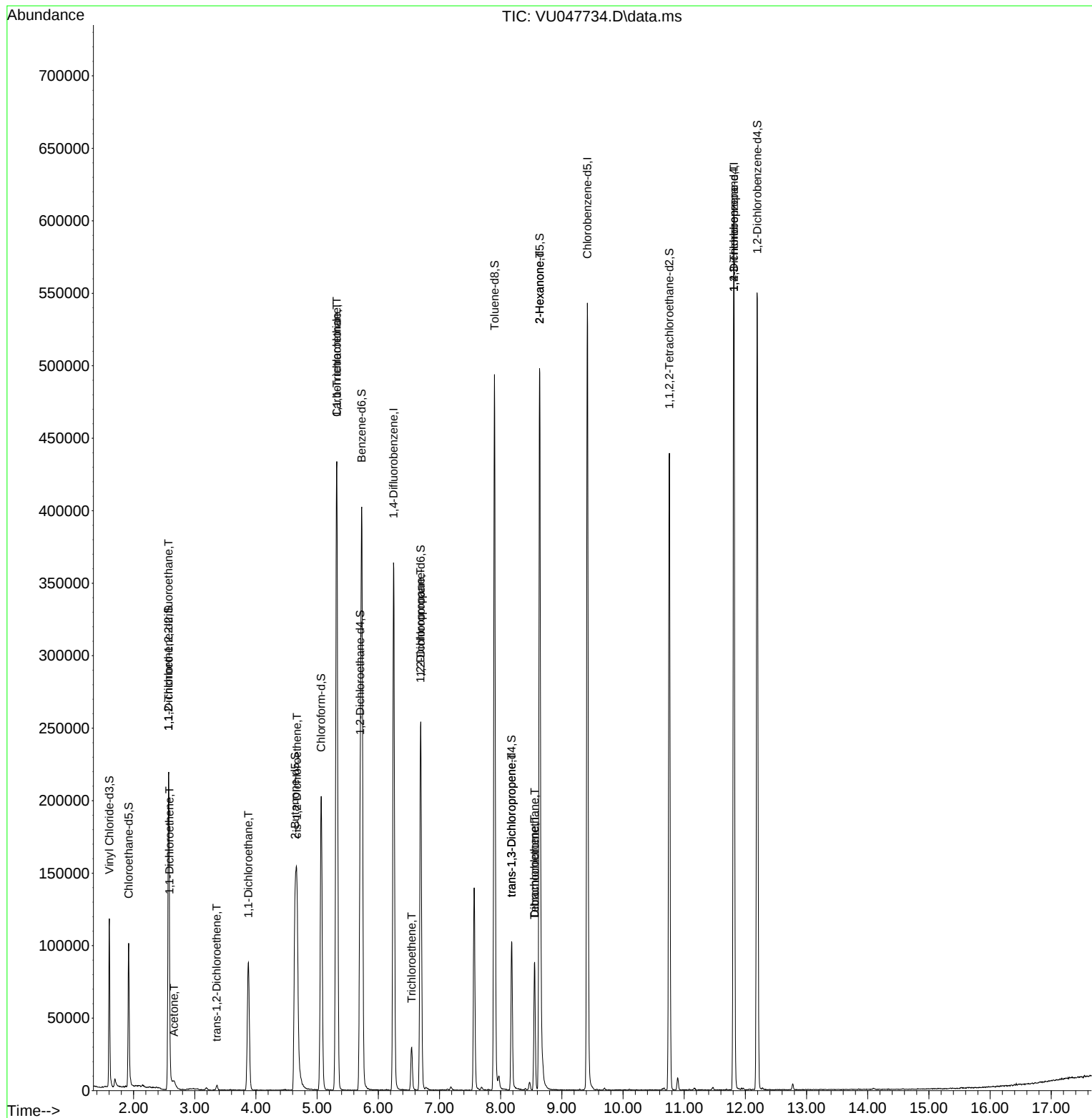
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306303	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318321	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	82753	37.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.520%
7) Chloroethane-d5	1.919	69	75966	43.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.740%
11) 1,1-Dichloroethene-d2	2.571	63	126228	31.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.120%
21) 2-Butanone-d5	4.642	46	260902	136.848	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.850%#
24) Chloroform-d	5.066	84	187809	46.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
26) 1,2-Dichloroethane-d4	5.703	65	124562	49.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.940%
32) Benzene-d6	5.729	84	370586	46.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	6.693	67	122535	49.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.620%
41) Toluene-d8	7.899	98	336316	43.096	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	56035	44.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
47) 2-Hexanone-d5	8.635	63	182307	126.600	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213909	50.670	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	154481	50.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1278	0.566	ug/L #	18
12) 1,1-Dichloroethene	2.587	96	7717	3.673	ug/L #	1
13) Acetone	2.661	43	10074	5.678	ug/L	69
17) trans-1,2-Dichloroethene	3.359	96	1420	0.627	ug/L	98
19) 1,1-Dichloroethane	3.877	63	101038	25.851	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	43539	17.524	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	313909	86.969	ug/L	99
31) Carbon tetrachloride	5.321	117	42762	13.120	ug/L	99
34) Trichloroethene	6.546	95	9679	4.007	ug/L	96
37) 1,2-Dichloropropane	6.690	63	13129	5.605	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2376	0.655	ug/L #	82
46) Tetrachloroethene	8.552	164	20215	9.312	ug/L	94
48) 2-Hexanone	8.635	43	21515	6.756	ug/L #	68
49) Dibromochloromethane	8.555	129	18863	6.556	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	18429	5.655	ug/L #	65

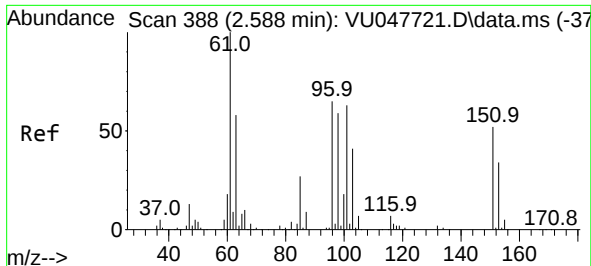
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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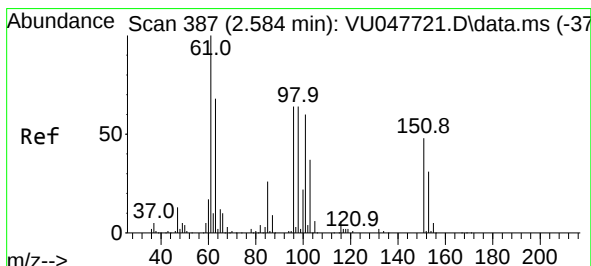
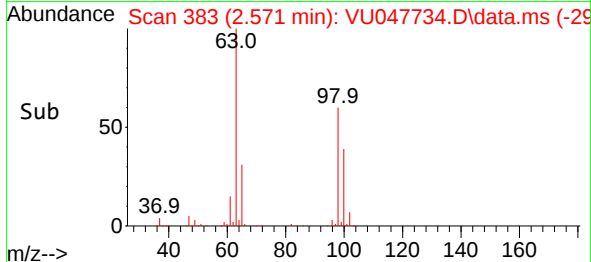
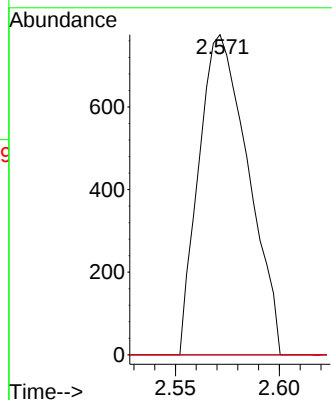
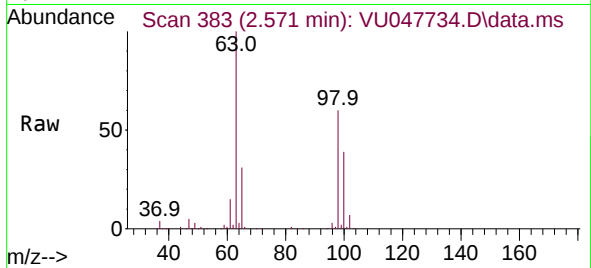




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.566 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047734.D
 Acq: 28 Mar 2022 17:45

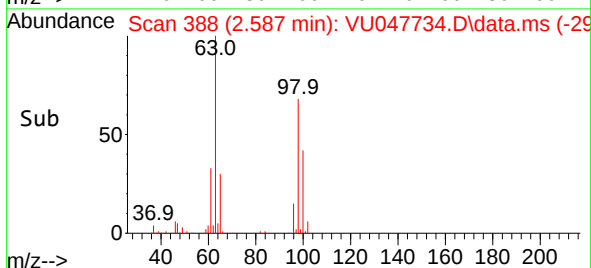
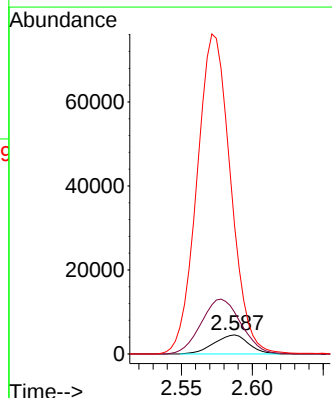
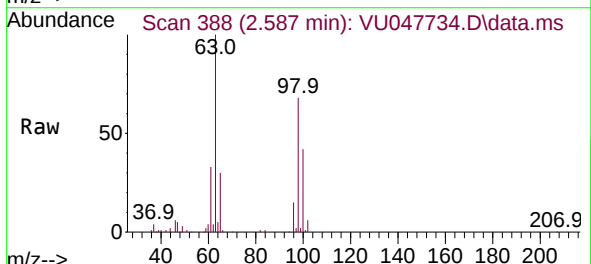
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6

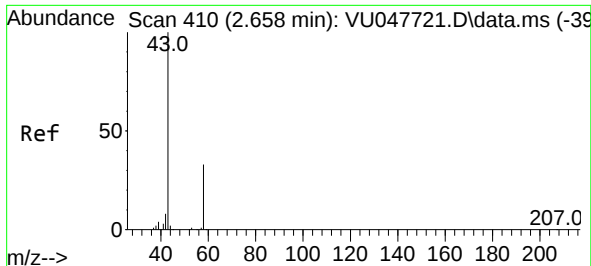
Tgt Ion:101 Resp: 1278
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 3.673 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU047734.D
 Acq: 28 Mar 2022 17:45

Tgt Ion: 96 Resp: 7717
 Ion Ratio Lower Upper
 96 100
 61 218.8 113.1 210.1#
 63 672.7 94.8 176.0#





#13

Acetone

Concen: 5.678 ug/L

RT: 2.661 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU047734.D

Acq: 28 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

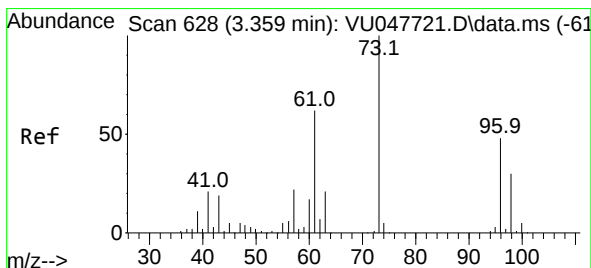
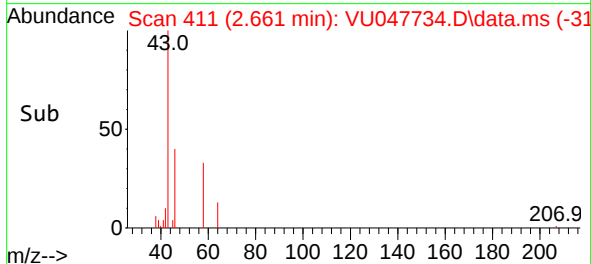
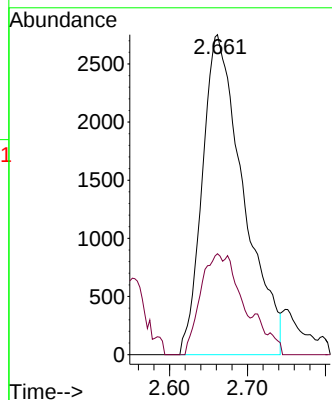
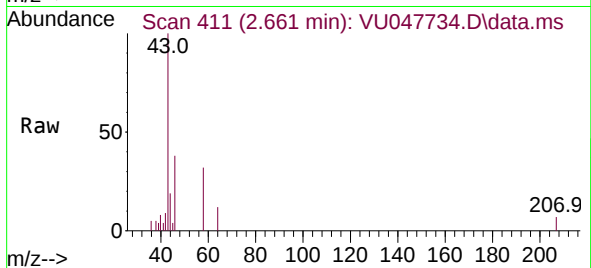
EW5X6

Tgt Ion: 43 Resp: 10074

Ion Ratio Lower Upper

43 100

58 16.8 0.0 70.0



#17

trans-1,2-Dichloroethene

Concen: 0.627 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047734.D

Acq: 28 Mar 2022 17:45

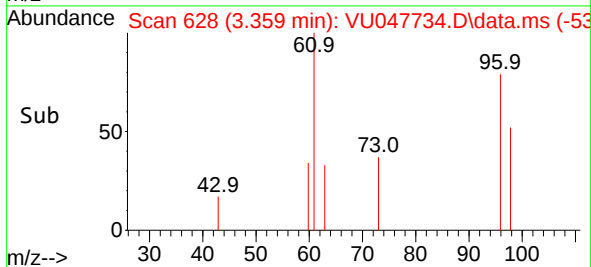
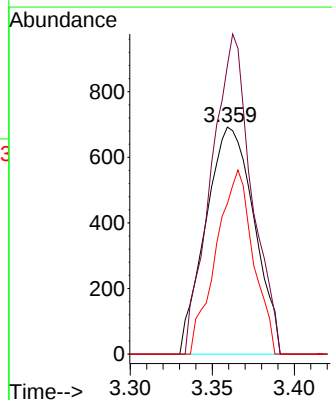
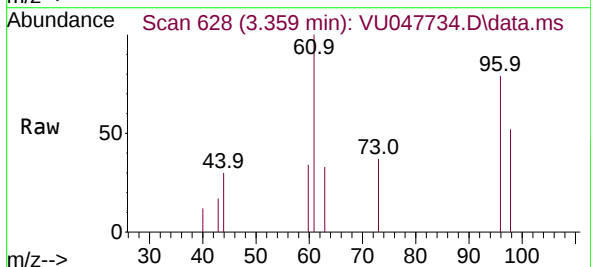
Tgt Ion: 96 Resp: 1420

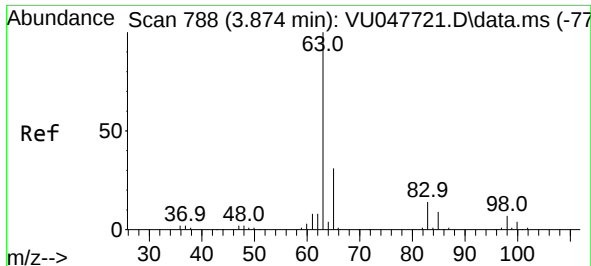
Ion Ratio Lower Upper

96 100

61 127.2 88.4 164.2

98 66.3 43.3 80.5





#19

1,1-Dichloroethane

Concen: 25.851 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU047734.D

Acq: 28 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

EW5X6

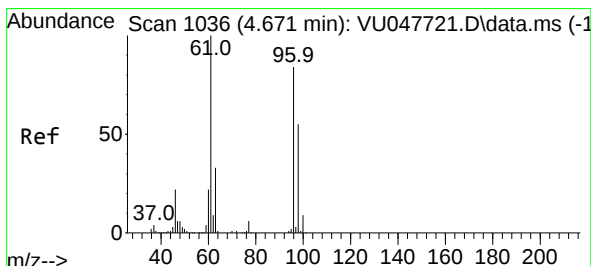
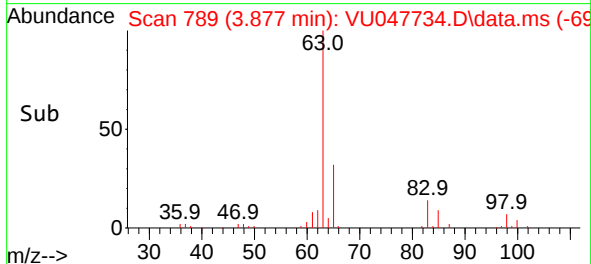
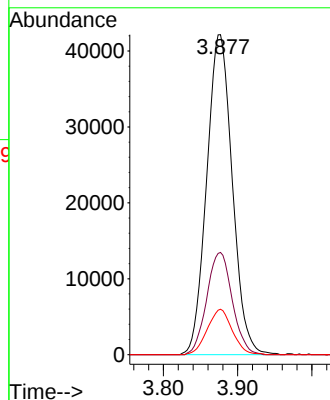
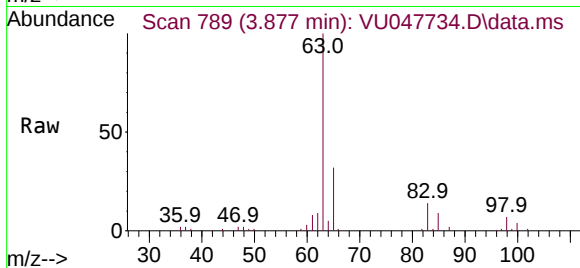
Tgt Ion: 63 Resp: 101038

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 14.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 17.524 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047734.D

Acq: 28 Mar 2022 17:45

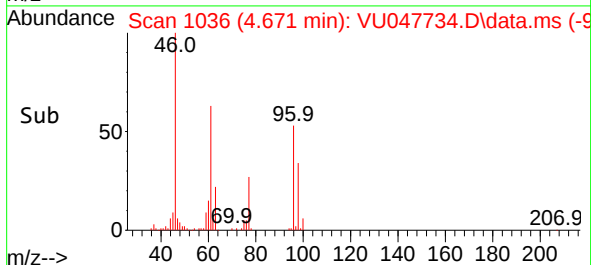
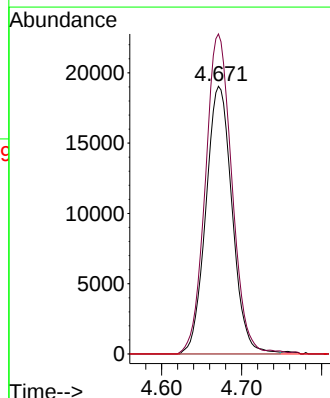
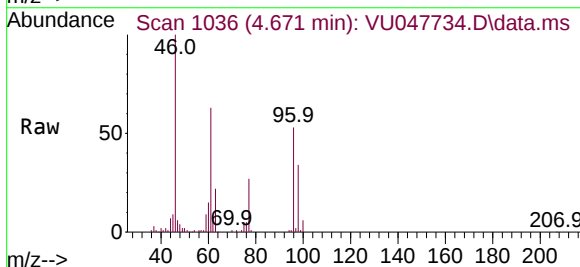
Tgt Ion: 96 Resp: 43539

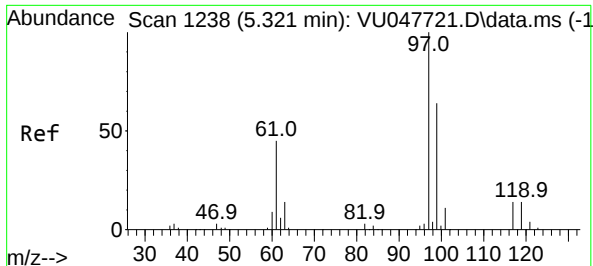
Ion Ratio Lower Upper

96 100

61 119.5 80.7 149.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 86.969 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047734.D

Acq: 28 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

EW5X6

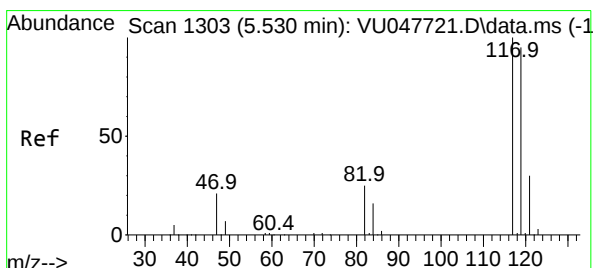
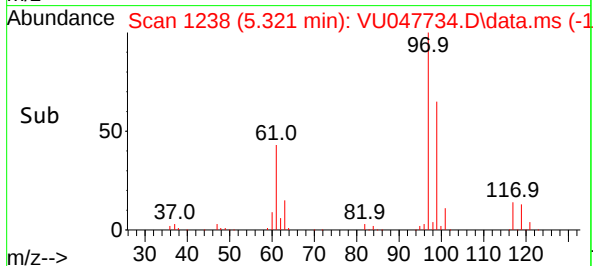
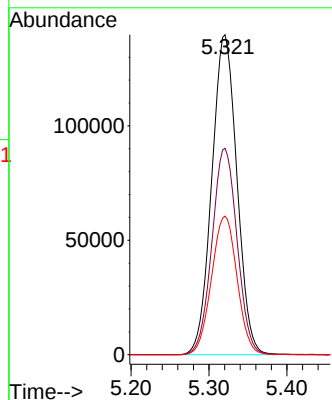
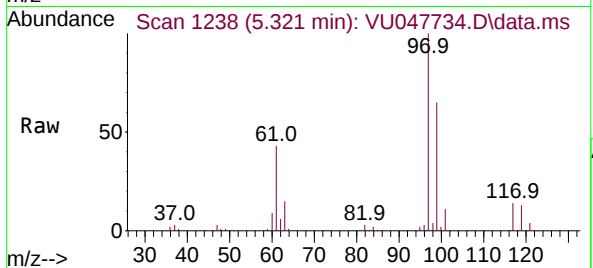
Tgt Ion: 97 Resp: 313909

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 44.0 34.2 51.4



#31

Carbon tetrachloride

Concen: 13.120 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047734.D

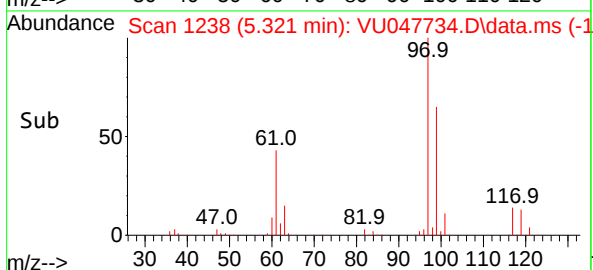
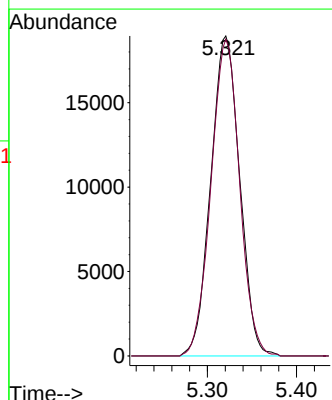
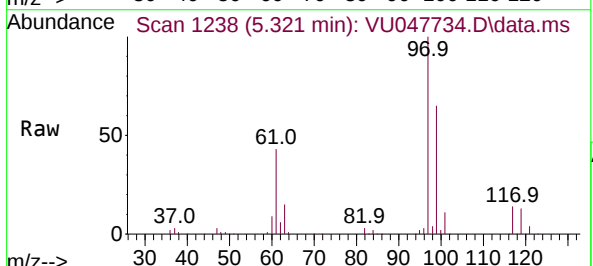
Acq: 28 Mar 2022 17:45

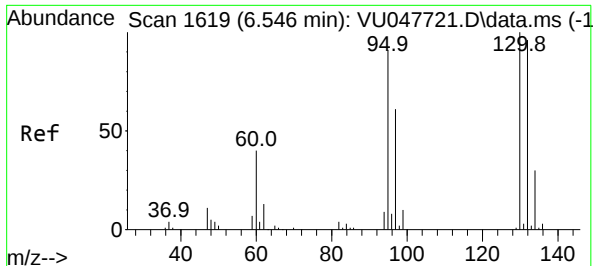
Tgt Ion: 117 Resp: 42762

Ion Ratio Lower Upper

117 100

119 97.6 77.2 115.8



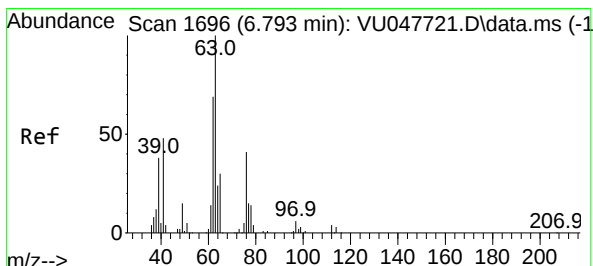
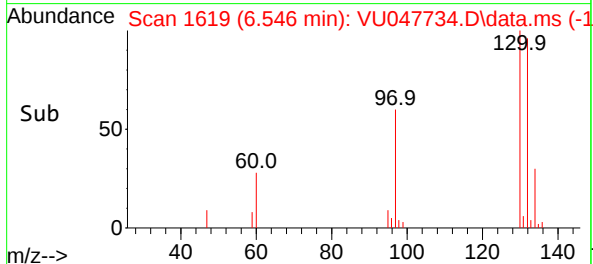
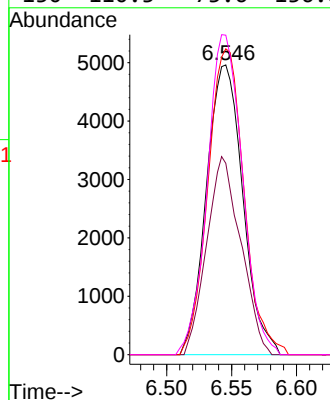
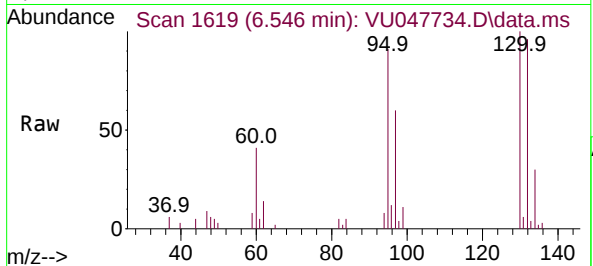


#34
Trichloroethene
Concen: 4.007 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
EW5X6

Tgt Ion: 95 Resp: 9679

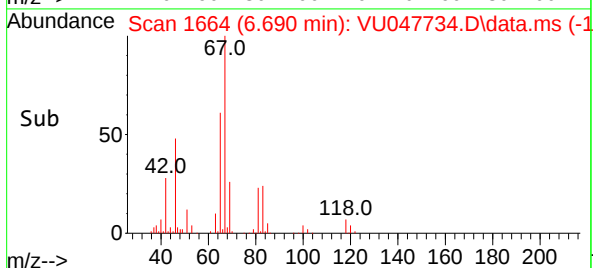
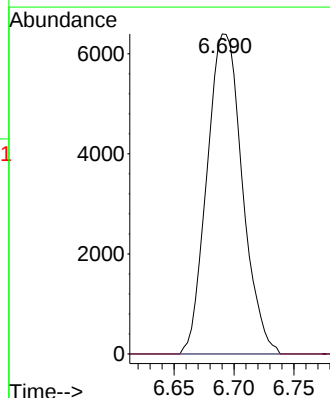
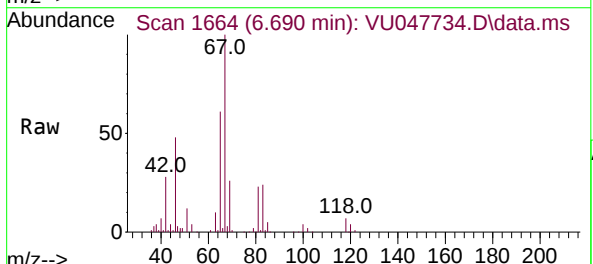
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.7	82.9
132	105.6	70.4	130.8
130	110.3	73.6	136.8

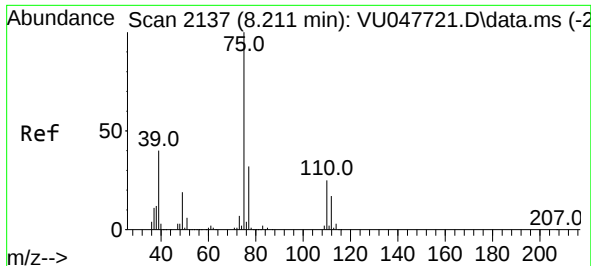


#37
1,2-Dichloropropane
Concen: 5.605 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

Tgt Ion: 63 Resp: 13129

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2

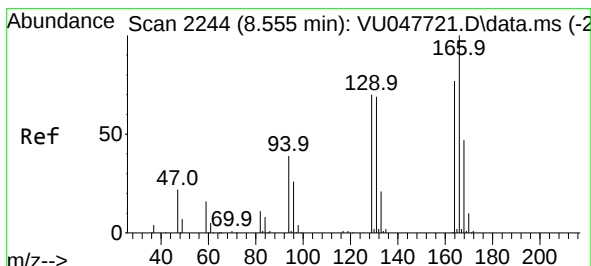
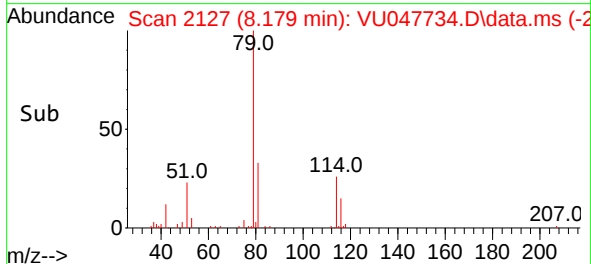
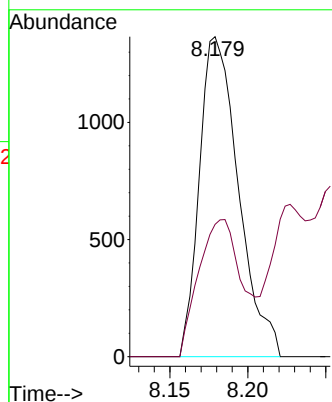
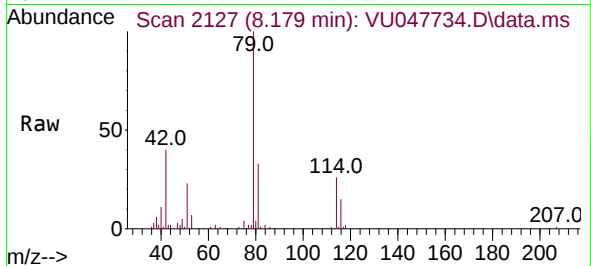




#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

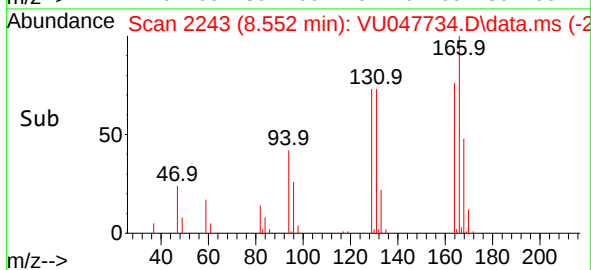
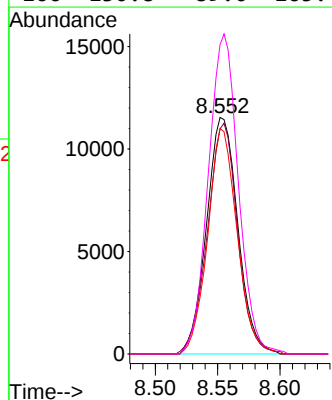
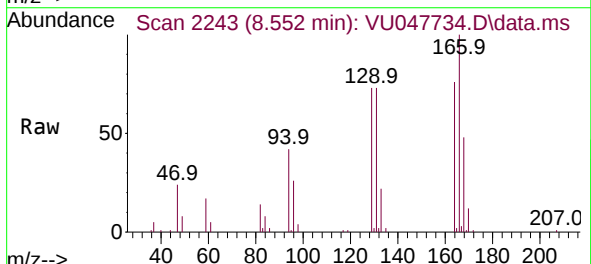
Instrument :
MSVOA_U
ClientSampleId :
EW5X6

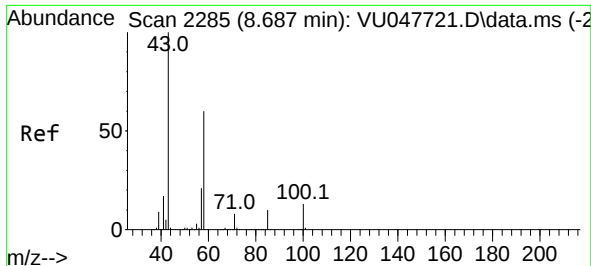
Tgt Ion: 75 Resp: 2376
Ion Ratio Lower Upper
75 100
77 41.4 22.0 40.8#



#46
Tetrachloroethene
Concen: 9.312 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

Tgt Ion:164 Resp: 20215
Ion Ratio Lower Upper
164 100
129 95.2 62.4 116.0
131 95.4 60.7 112.7
166 130.8 89.0 165.4

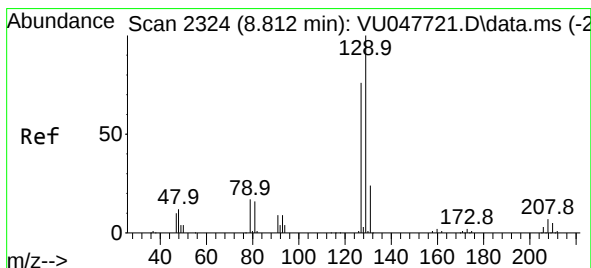
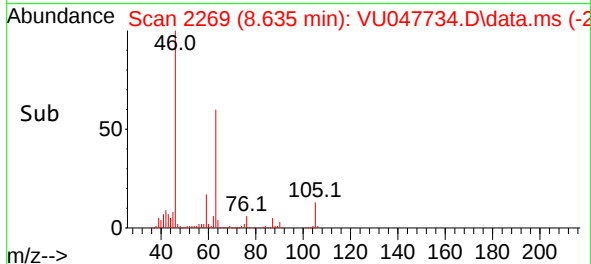
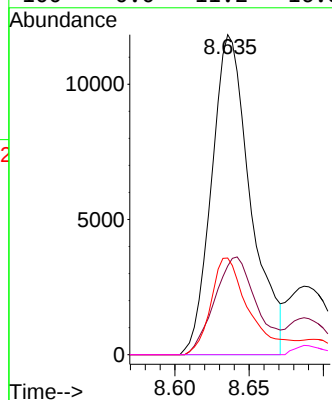
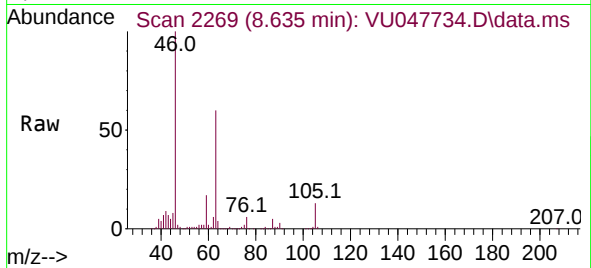




#48
2-Hexanone
Concen: 6.756 ug/L
RT: 8.635 min Scan# 21515
Delta R.T. -0.052 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

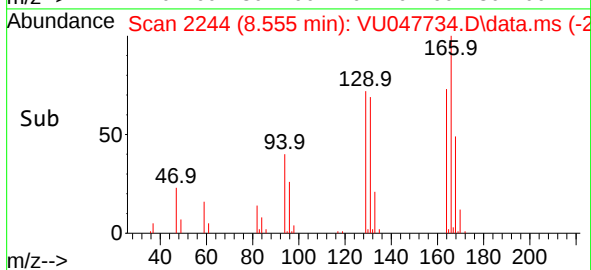
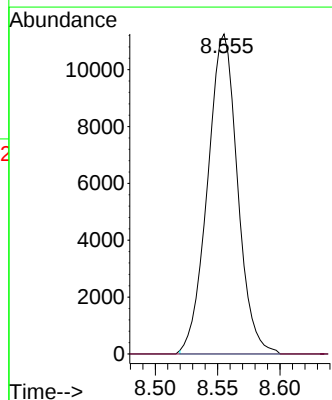
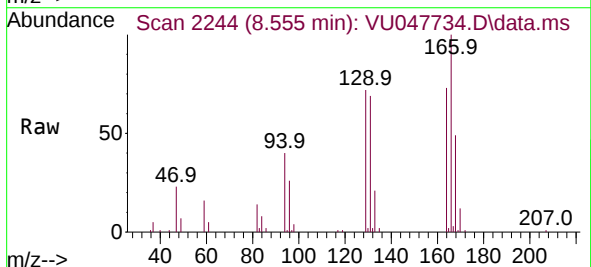
Instrument :
MSVOA_U
ClientSampleId :
EW5X6

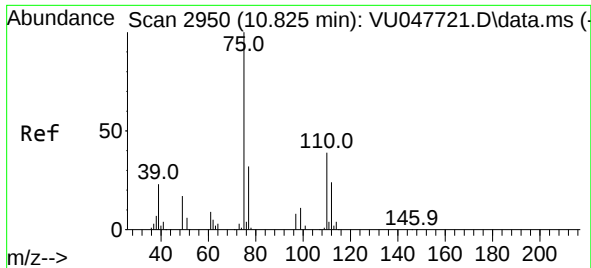
Tgt Ion: 43	Resp: 21515
Ion Ratio	Lower Upper
43 100	
58 33.3	48.1 72.1#
57 30.4	16.2 24.4#
100 0.0	11.2 16.8#



#49
Dibromochloromethane
Concen: 6.556 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047734.D
Acq: 28 Mar 2022 17:45

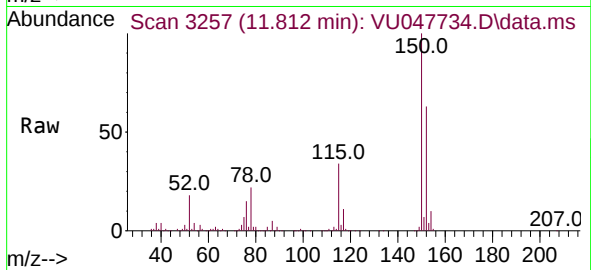
Tgt Ion:129	Resp:	18863	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.655 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047734.D
 Acq: 28 Mar 2022 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6



Tgt Ion: 75	Resp:	18429
Ion Ratio	Lower	Upper
75	100	
77	33.6	26.0 39.0
110	0.5	31.4 47.2#

