

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046492.D
 Acq On : 19 Dec 2021 14:16
 Operator : SY/MD
 Sample : M5062-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:27:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

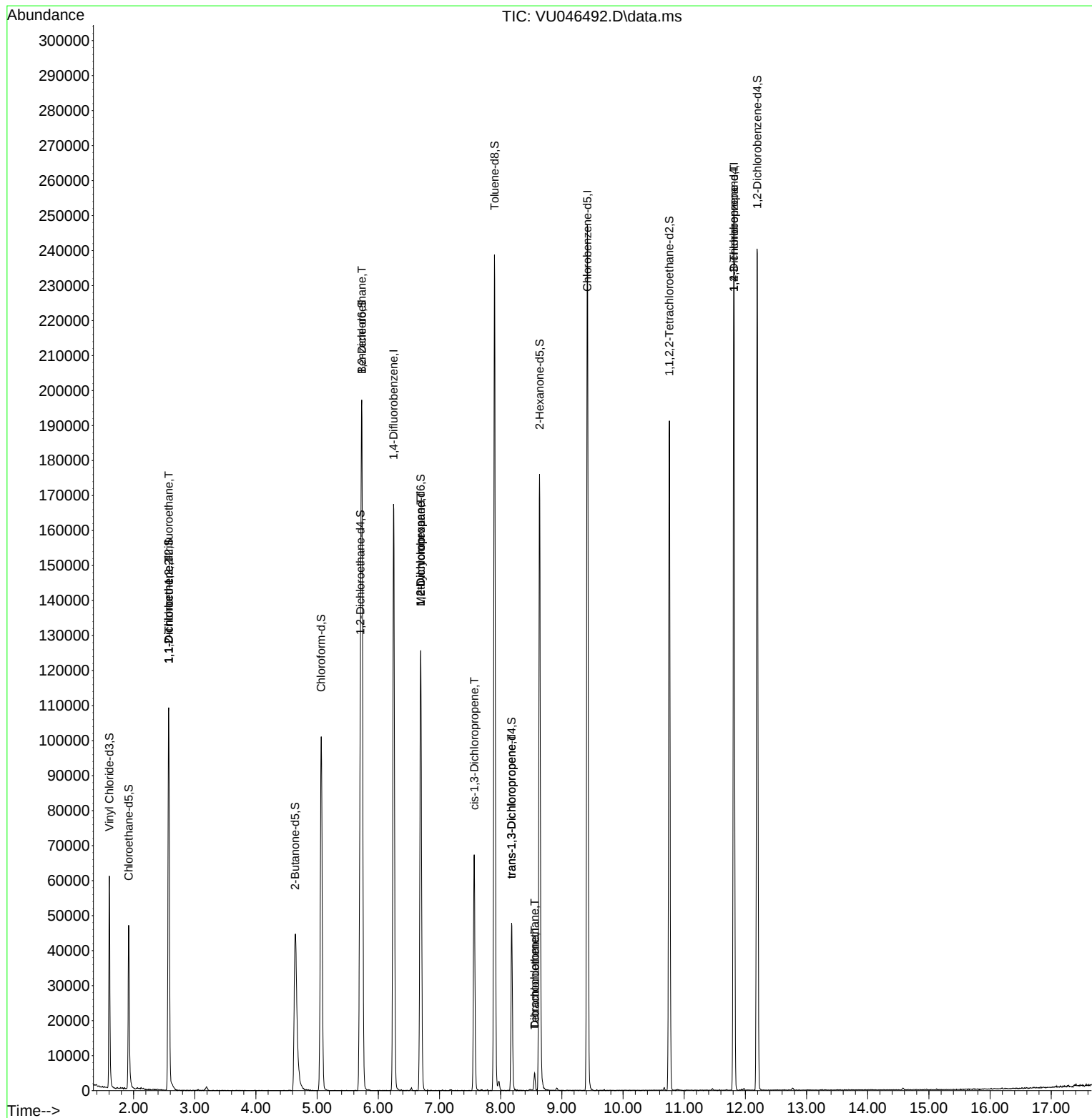
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135600	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46493	41.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.240%
7) Chloroethane-d5	1.919	69	38358	44.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.460%
11) 1,1-Dichloroethene-d2	2.575	63	65650	32.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.480%
21) 2-Butanone-d5	4.642	46	88876	100.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.090%
24) Chloroform-d	5.067	84	95305	51.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
26) 1,2-Dichloroethane-d4	5.707	65	64743	51.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.440%
32) Benzene-d6	5.732	84	184199	47.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	58435	48.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	7.899	98	156758	44.023	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	8.179	79	27168	46.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.860%
47) 2-Hexanone-d5	8.636	63	64309	111.905	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90970	49.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	61481	49.656	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.320%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	597	0.605	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	491	0.524	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1029	0.692	ug/L #	73
35) Methylcyclohexane	6.694	83	14619	8.666	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6722	6.214	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1842	1.119	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	1094	0.677	ug/L #	72
46) Tetrachloroethene	8.558	164	1007	1.260	ug/L	96
49) Dibromochloromethane	8.555	129	930	0.816	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	7549	5.356	ug/L #	66

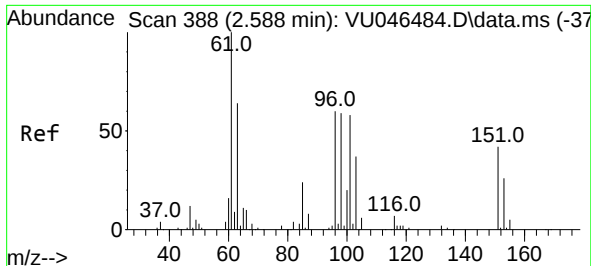
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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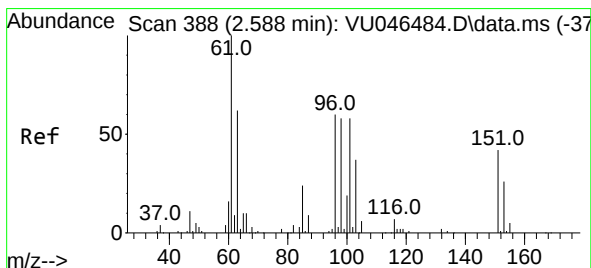
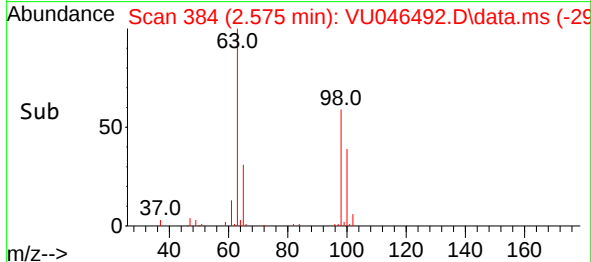
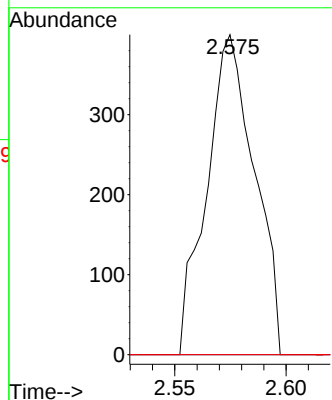
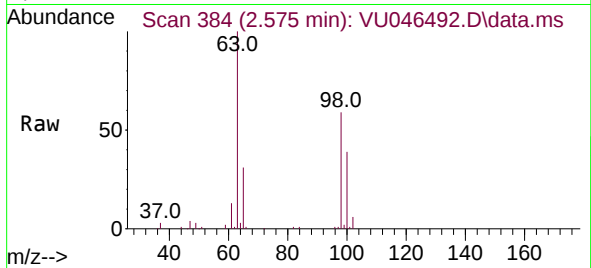




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.605 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046492.D
Acq: 19 Dec 2021 14:16

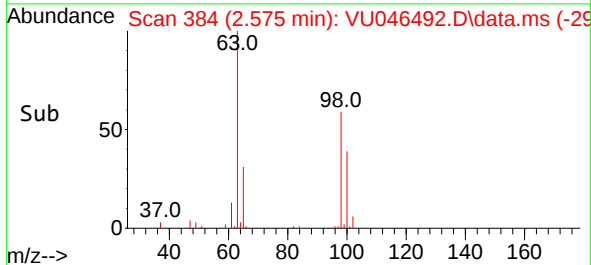
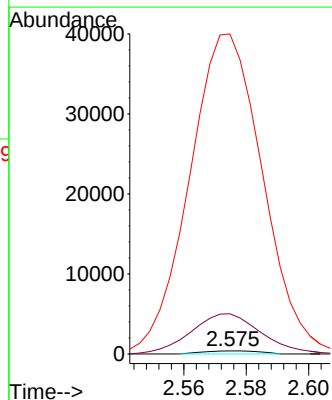
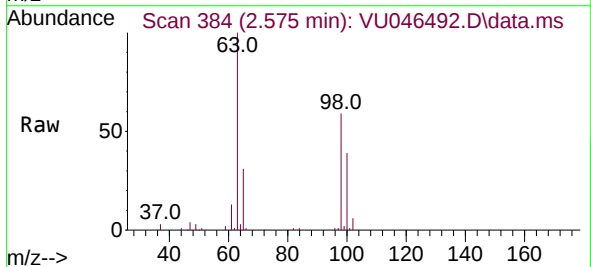
Instrument :
MSVOA_U
ClientSampleId :

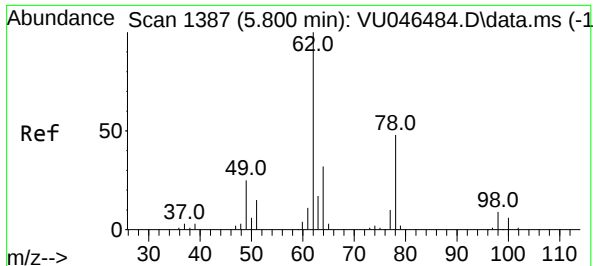
Tgt Ion:101 Resp: 597
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.524 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046492.D
Acq: 19 Dec 2021 14:16

Tgt Ion: 96 Resp: 491
Ion Ratio Lower Upper
96 100
61 1302.3 118.6 220.2#
63 10391.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.692 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046492.D

Acq: 19 Dec 2021 14:16

Instrument :

MSVOA_U

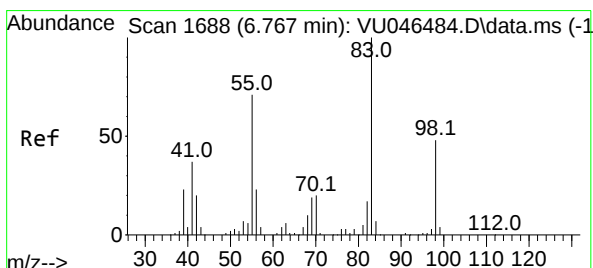
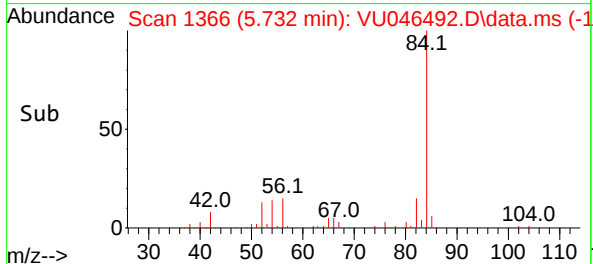
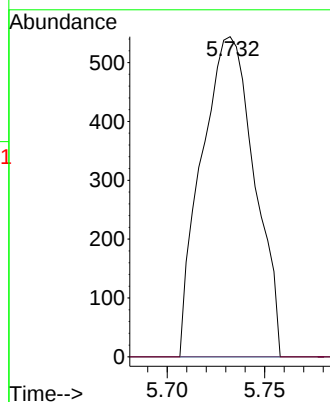
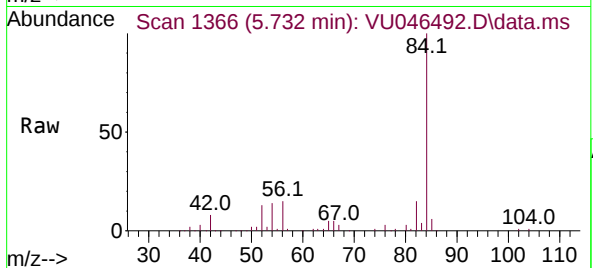
ClientSampleId :

Tgt Ion: 62 Resp: 1029

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.666 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046492.D

Acq: 19 Dec 2021 14:16

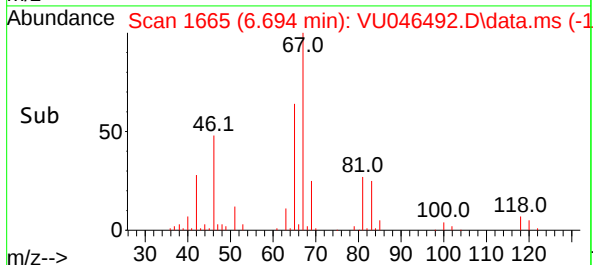
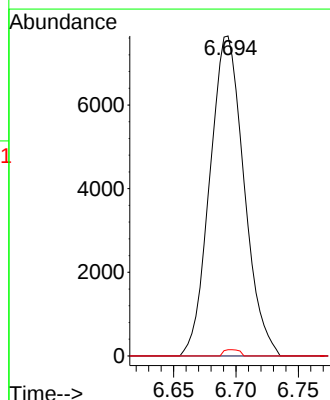
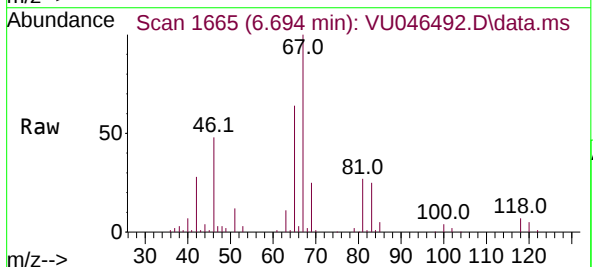
Tgt Ion: 83 Resp: 14619

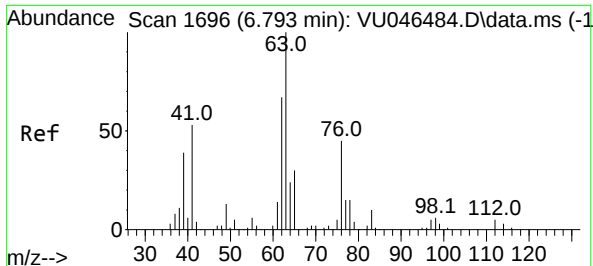
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.214 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046492.D

Acq: 19 Dec 2021 14:16

Instrument :

MSVOA_U

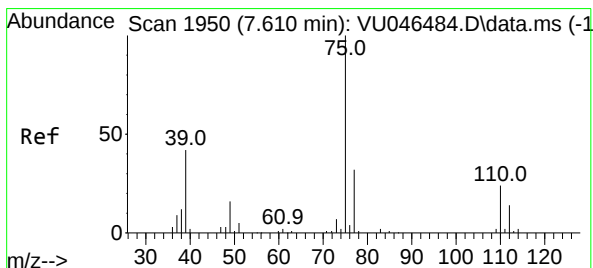
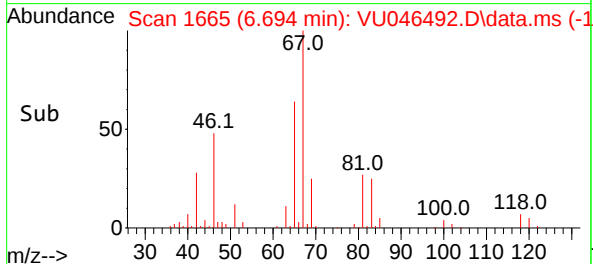
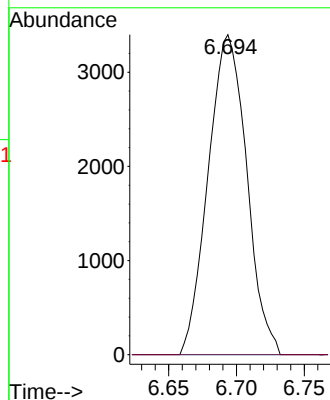
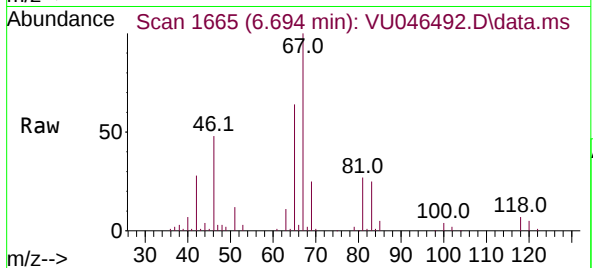
ClientSampleId :

Tgt Ion: 63 Resp: 6722

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.119 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046492.D

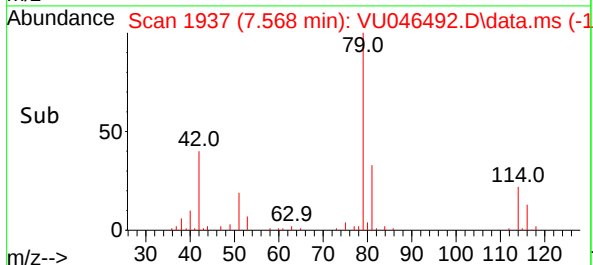
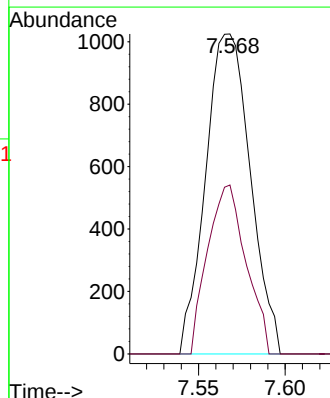
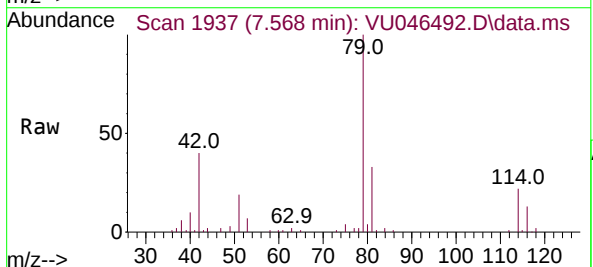
Acq: 19 Dec 2021 14:16

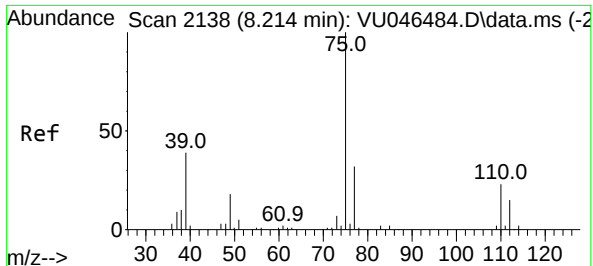
Tgt Ion: 75 Resp: 1842

Ion Ratio Lower Upper

75 100

77 52.8 21.8 40.6#

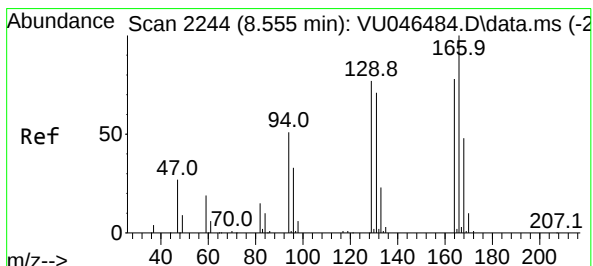
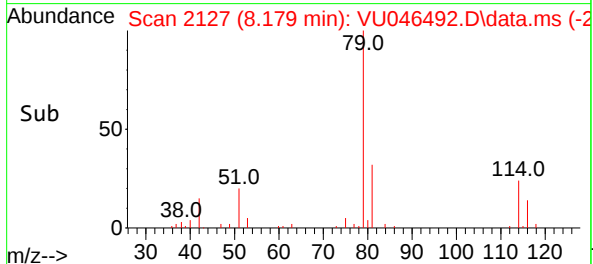
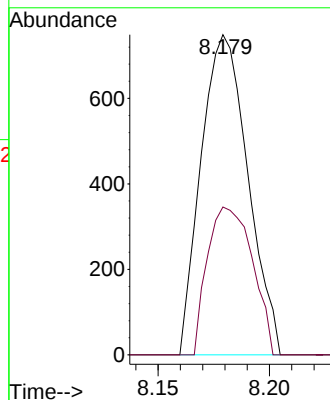
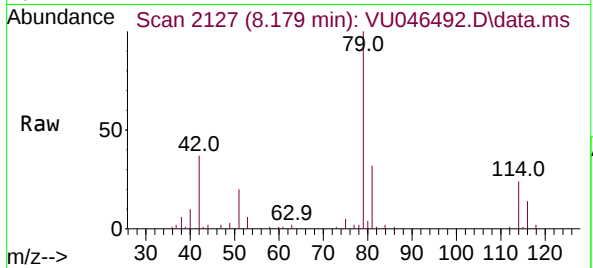




#44
trans-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046492.D
Acq: 19 Dec 2021 14:16

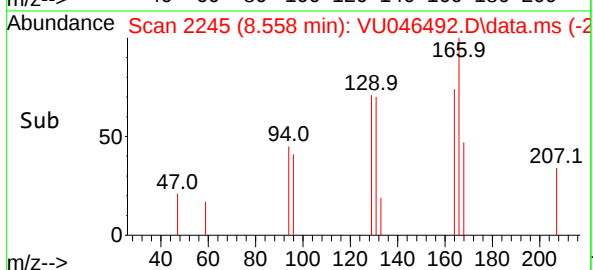
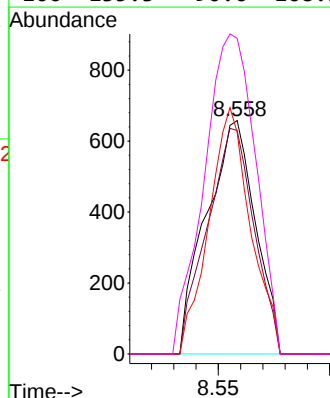
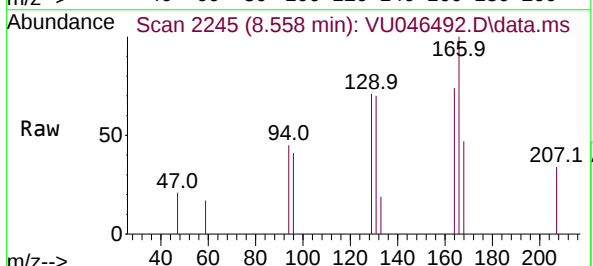
Instrument :
MSVOA_U
ClientSampleId :

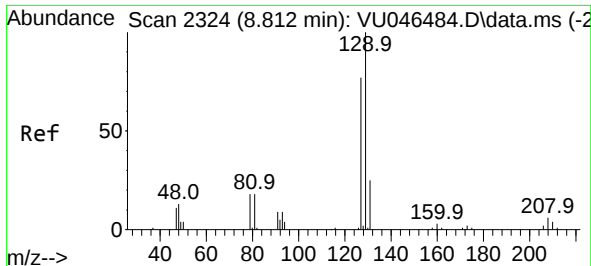
Tgt Ion: 75 Resp: 1094
Ion Ratio Lower Upper
75 100
77 46.2 21.7 40.3#



#46
Tetrachloroethene
Concen: 1.260 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046492.D
Acq: 19 Dec 2021 14:16

Tgt Ion: 164 Resp: 1007
Ion Ratio Lower Upper
164 100
129 95.7 71.1 132.1
131 95.0 67.8 126.0
166 135.3 90.6 168.2





#49

Dibromochloromethane

Concen: 0.816 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046492.D

Acq: 19 Dec 2021 14:16

Instrument :

MSVOA_U

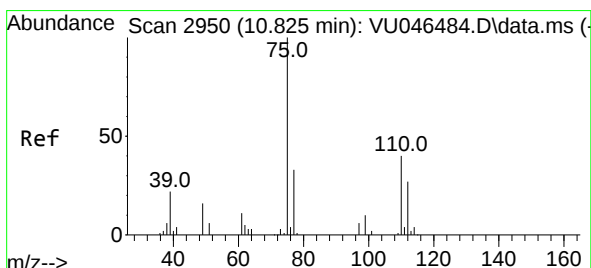
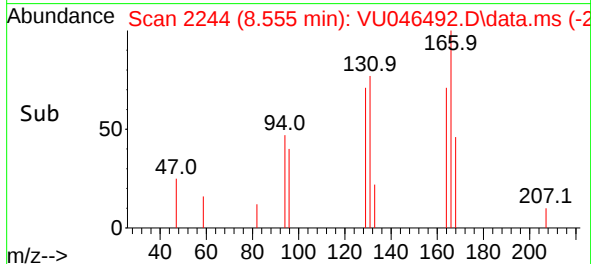
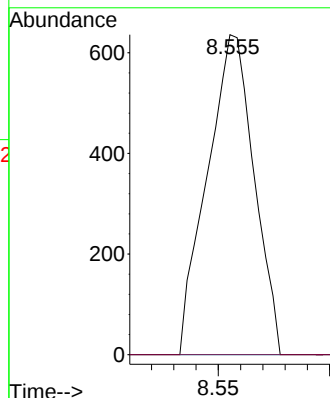
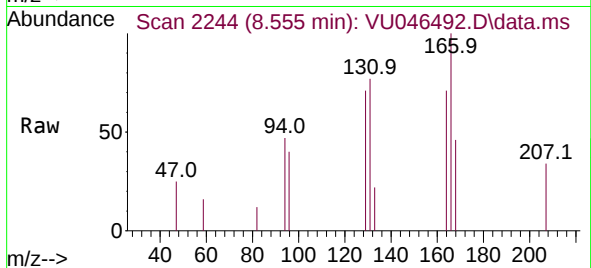
ClientSampleId :

Tgt Ion:129 Resp: 930

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.356 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046492.D

Acq: 19 Dec 2021 14:16

Tgt Ion: 75 Resp: 7549

Ion Ratio Lower Upper

75 100

77 33.8 26.4 39.6

110 3.1 32.4 48.6#

