

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050250.D
 Acq On : 12 Aug 2022 00:32
 Operator : SY/MD
 Sample : N4161-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 05:02:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

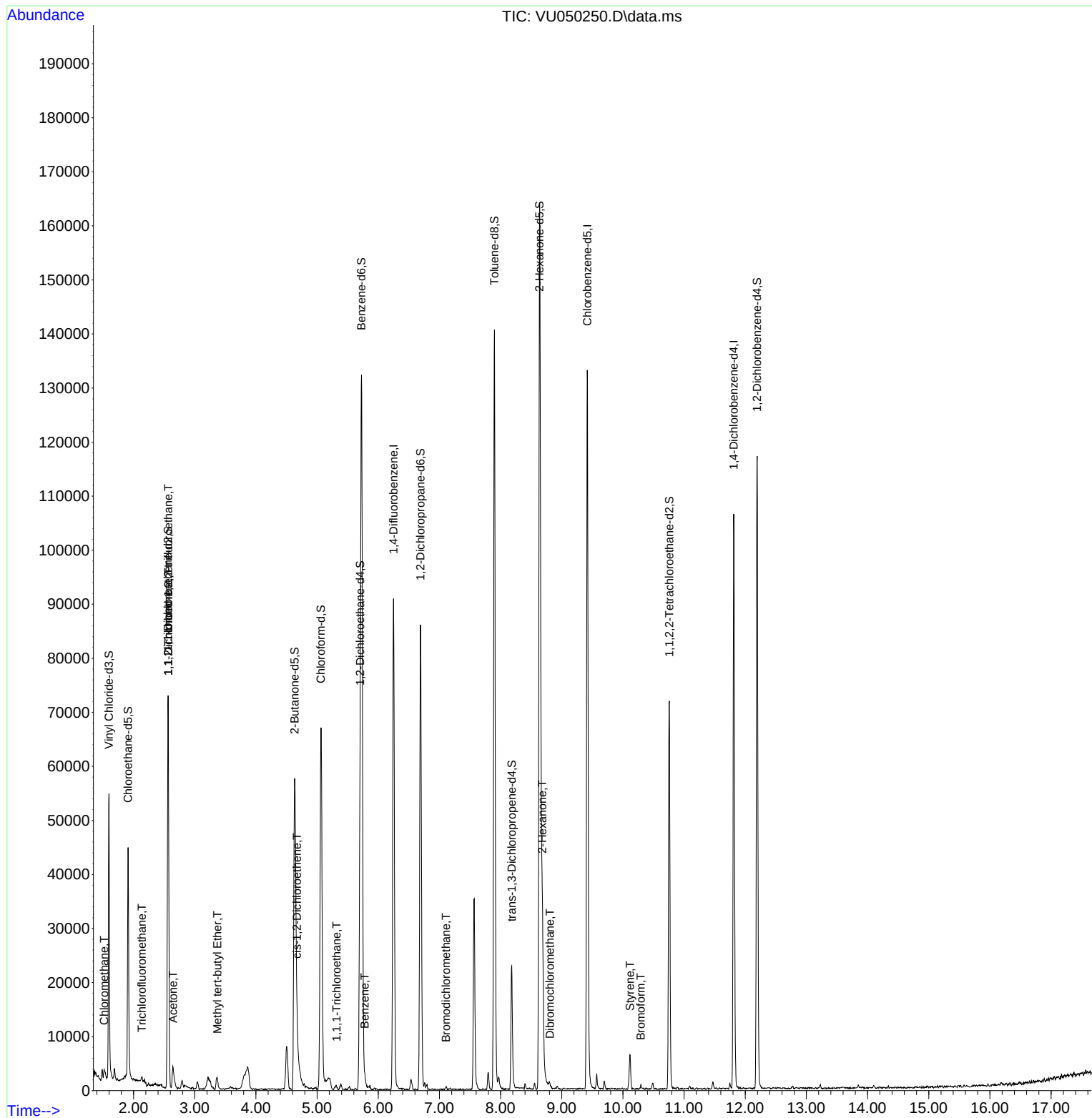
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38156	6.011	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.200%		
7) Chloroethane-d5	1.909	69	30315	5.919	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 118.400%		
11) 1,1-Dichloroethene-d2	2.565	65	13568	5.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.400%		
20) 2-Butanone-d5	4.633	46	96300	62.212	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 124.420%		
24) Chloroform-d	5.063	84	65113	5.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
26) 1,2-Dichloroethane-d4	5.703	65	34814	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.800%		
32) Benzene-d6	5.726	84	126254	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
36) 1,2-Dichloropropane-d6	6.690	67	43650	5.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.899	98	97426	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.000%		
43) trans-1,3-Dichloroprop...	8.182	79	13548	4.737	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.800%		
46) 2-Hexanone-d5	8.636	63	51231	50.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37308	5.323	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	31475	5.540	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.800%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2042	0.223	ug/L	95
9) Trichlorofluoromethane	2.134	101	593	0.066	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	723	0.145	ug/L #	39
12) 1,1-Dichloroethene	2.568	96	702	0.133	ug/L #	1
13) Acetone	2.646	43	6204	7.197	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	2077	0.151	ug/L #	70
22) cis-1,2-Dichloroethene	4.671	96	439	0.067	ug/L #	68
29) 1,1,1-Trichloroethane	5.317	97	532	0.056	ug/L #	62
33) Benzene	5.780	78	1775	0.065	ug/L	100
38) Bromodichloromethane	7.108	83	514	0.058	ug/L #	72
48) 2-Hexanone	8.684	43	15349	4.727	ug/L #	87
49) Dibromochloromethane	8.806	129	370	0.062	ug/L	89
55) Styrene	10.118	104	3043	0.186	ug/L	92
59) Bromoform	10.292	173	573	0.197	ug/L #	57

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

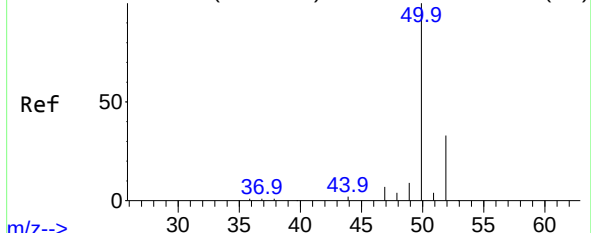
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
Data File : VU050250.D
Acq On : 12 Aug 2022 00:32
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 04:56:24 2022
Response via : Initial Calibration



Abundance Scan 55 (1.517 min): VU050242.D\data.ms (-46)



#3

Chloromethane

Concen: 0.223 ug/L

RT: 1.520 min Scan# 50

Delta R.T. 0.003 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

Instrument :

MSVOA_U

ClientSampleId :

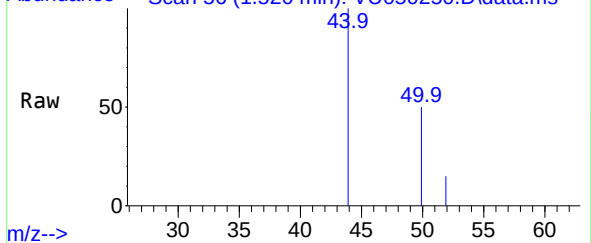
Tgt Ion: 50 Resp: 2042

Ion Ratio Lower Upper

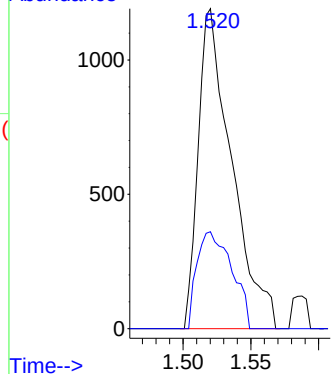
50 100

52 30.3 23.2 43.2

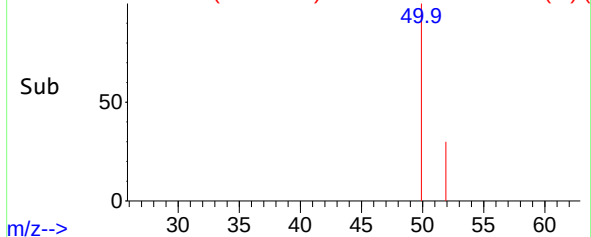
Abundance Scan 56 (1.520 min): VU050250.D\data.ms



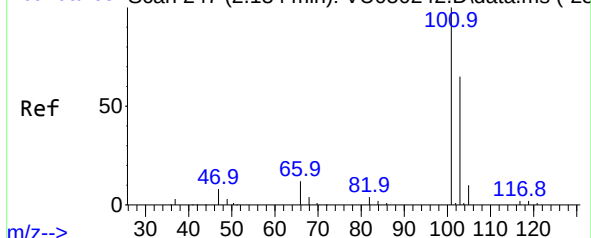
Abundance



Abundance Scan 56 (1.520 min): VU050250.D\data.ms (-1)



Abundance Scan 247 (2.134 min): VU050242.D\data.ms (-23)



#9

Trichlorofluoromethane

Concen: 0.066 ug/L

RT: 2.134 min Scan# 247

Delta R.T. -0.000 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

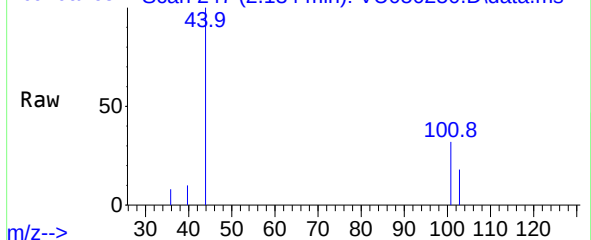
Tgt Ion: 101 Resp: 593

Ion Ratio Lower Upper

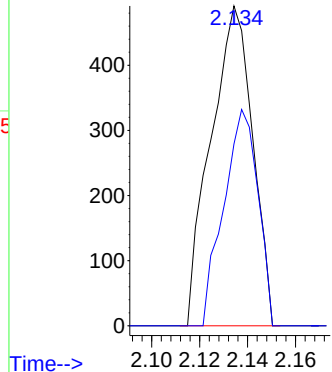
101 100

103 55.5 52.6 78.8

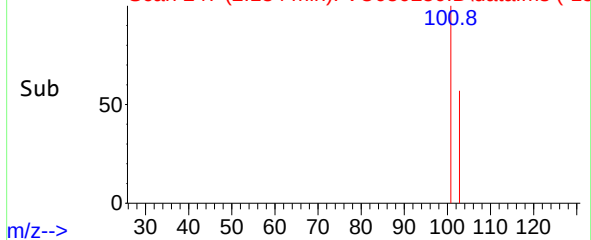
Abundance Scan 247 (2.134 min): VU050250.D\data.ms

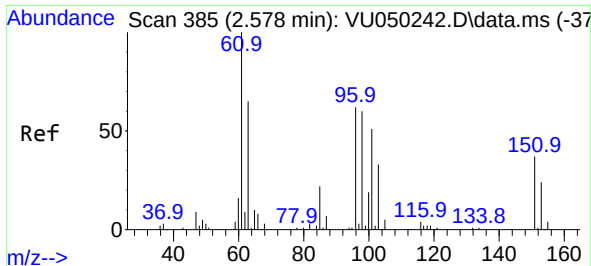


Abundance



Abundance Scan 247 (2.134 min): VU050250.D\data.ms (-15)

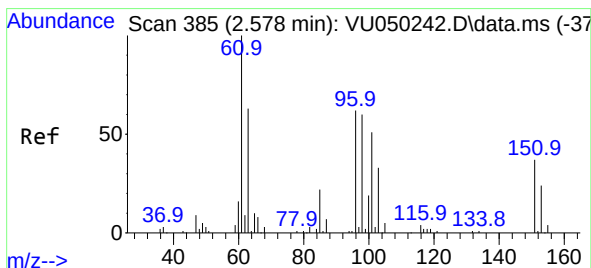
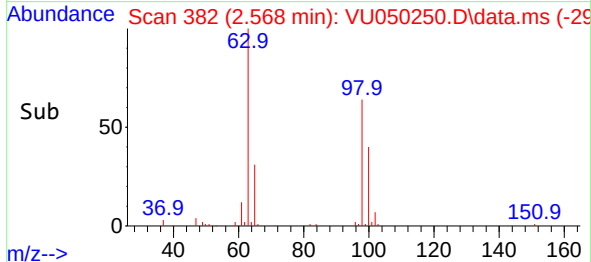
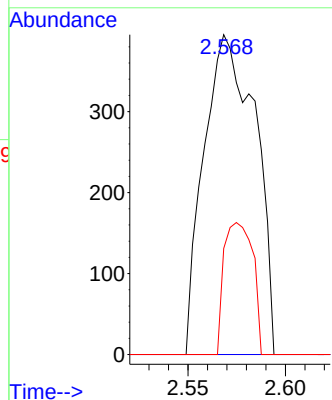
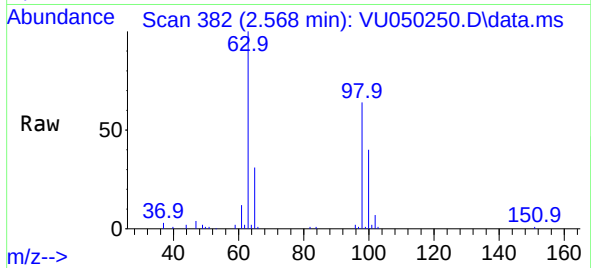




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.145 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

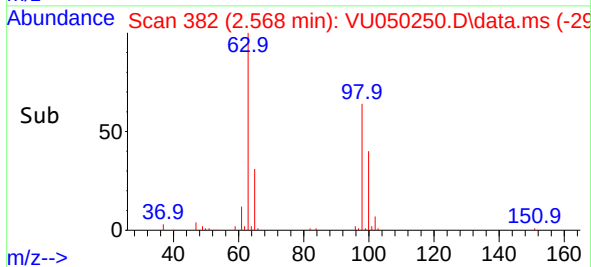
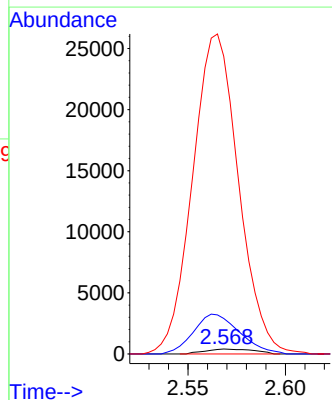
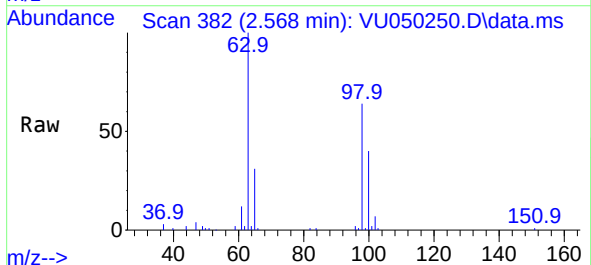
Instrument :
MSVOA_U
ClientSampleId :

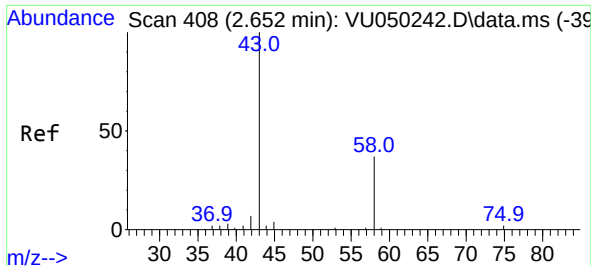
Tgt Ion:101 Resp: 723
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 23.2 55.2 82.8#



#12
1,1-Dichloroethene
Concen: 0.133 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

Tgt Ion: 96 Resp: 702
Ion Ratio Lower Upper
96 100
61 724.2 122.7 227.9#
63 6076.8 85.1 158.1#





#13

Acetone

Concen: 7.197 ug/L

RT: 2.646 min Scan# 408

Delta R.T. -0.006 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

Instrument :

MSVOA_U

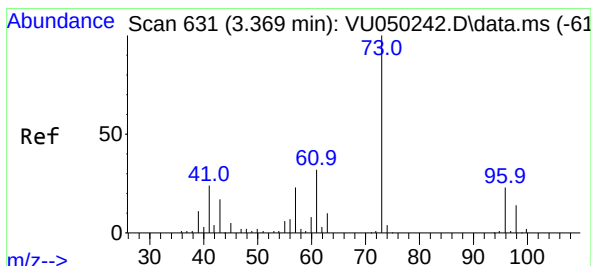
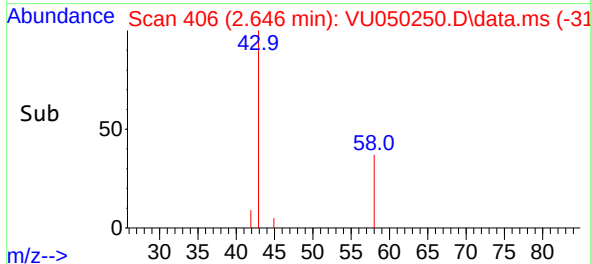
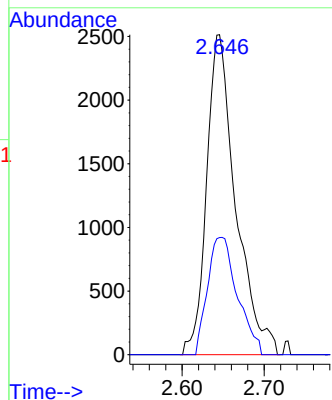
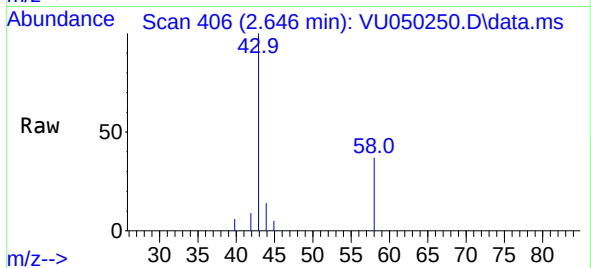
ClientSampleId :

Tgt Ion: 43 Resp: 6204

Ion Ratio Lower Upper

43 100

58 37.6 0.0 64.0



#17

Methyl tert-butyl Ether

Concen: 0.151 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

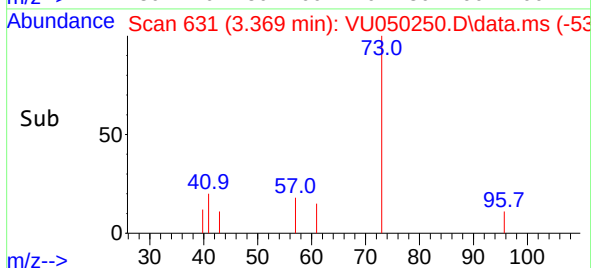
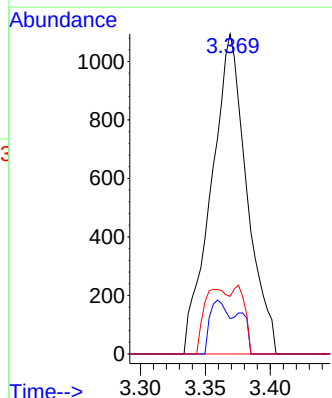
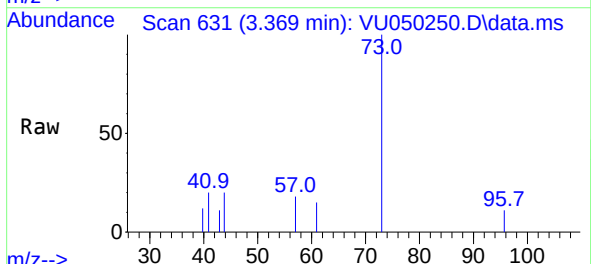
Tgt Ion: 73 Resp: 2077

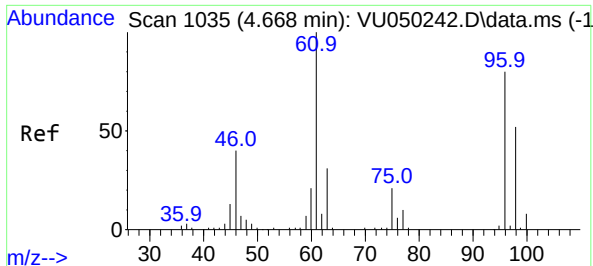
Ion Ratio Lower Upper

73 100

43 3.8 13.5 20.3#

57 7.3 17.4 26.2#





#22

cis-1,2-Dichloroethene

Concen: 0.067 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

Instrument :

MSVOA_U

ClientSampleId :

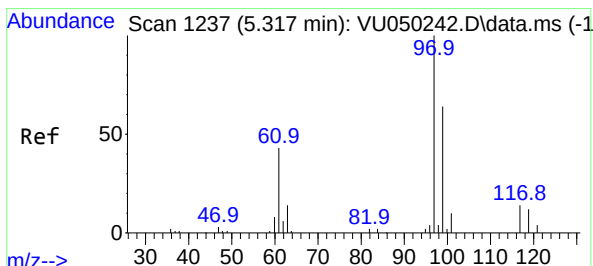
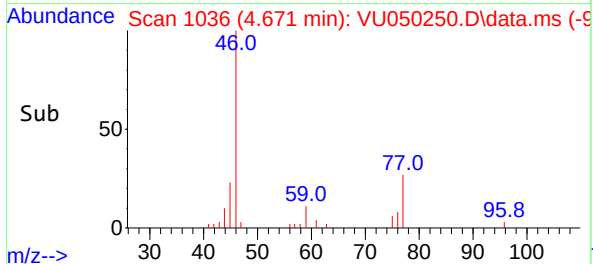
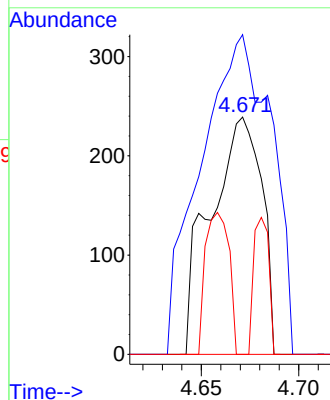
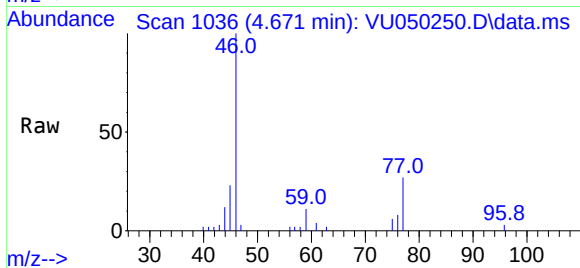
Tgt Ion: 96 Resp: 439

Ion Ratio Lower Upper

96 100

61 134.7 89.0 165.4

98 0.0 45.2 84.0#



#29

1,1,1-Trichloroethane

Concen: 0.056 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

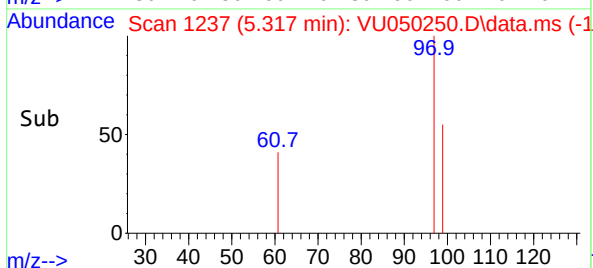
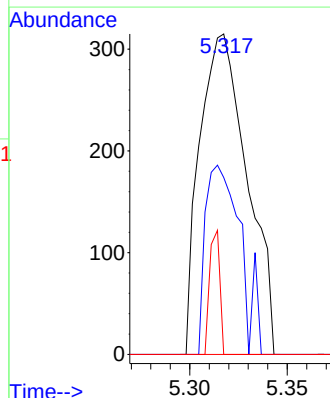
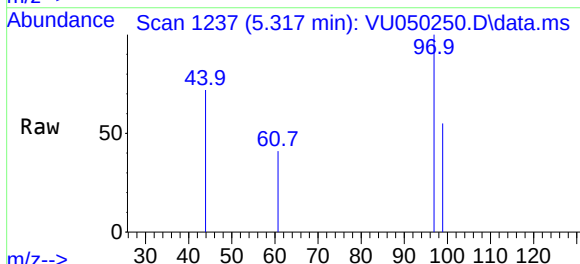
Tgt Ion: 97 Resp: 532

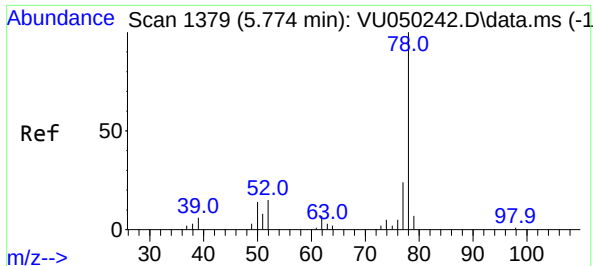
Ion Ratio Lower Upper

97 100

99 43.4 51.5 77.3#

61 8.3 34.2 51.4#

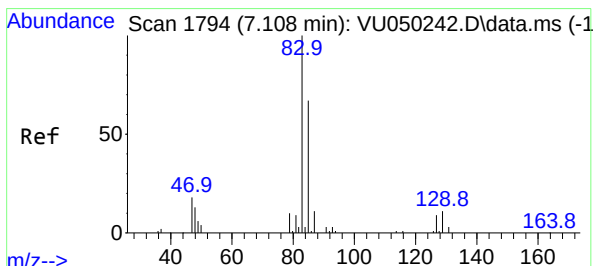
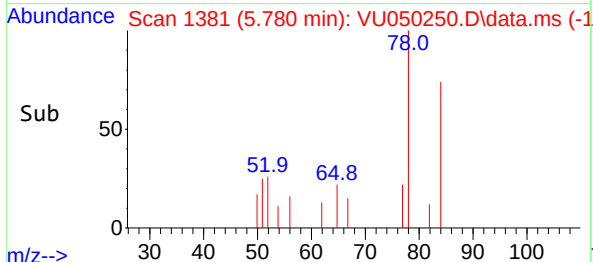
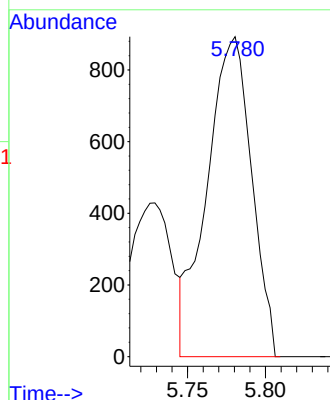
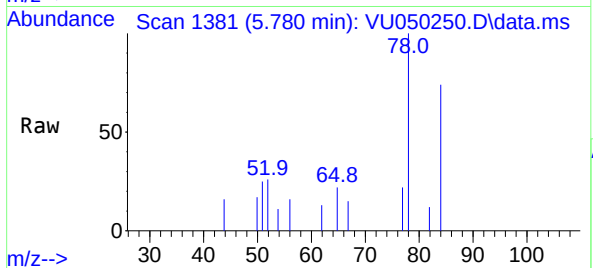




#33
Benzene
Concen: 0.065 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

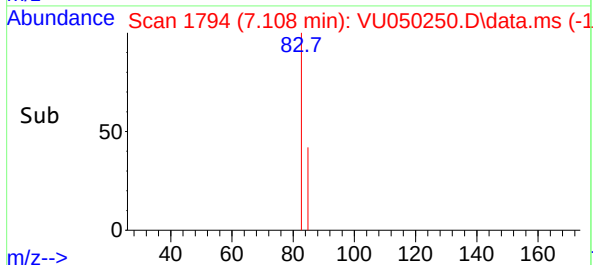
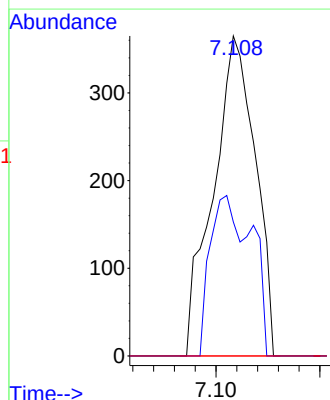
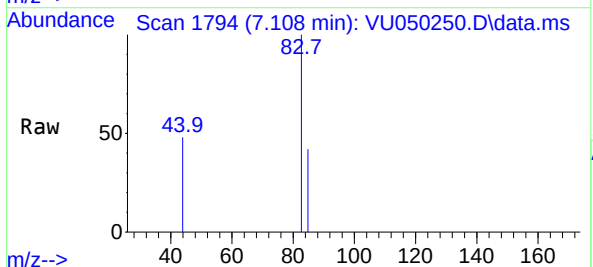
Instrument :
MSVOA_U
ClientSampleId :

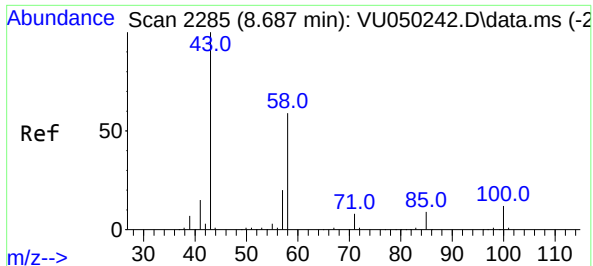
Tgt Ion: 78 Resp: 1775



#38
Bromodichloromethane
Concen: 0.058 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

Tgt Ion: 83 Resp: 514
Ion Ratio Lower Upper
83 100
85 41.9 45.1 83.7#
127 0.0 6.8 10.2#





#48

2-Hexanone

Concen: 4.727 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050250.D

Acq: 12 Aug 2022 00:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 15349

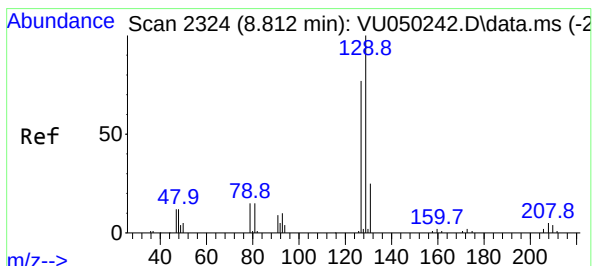
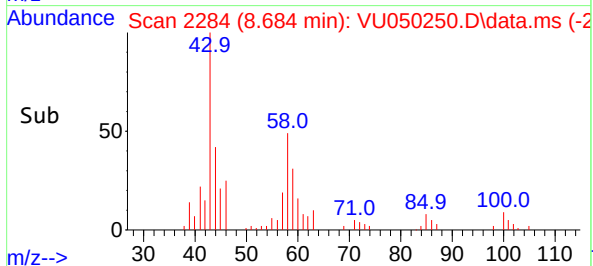
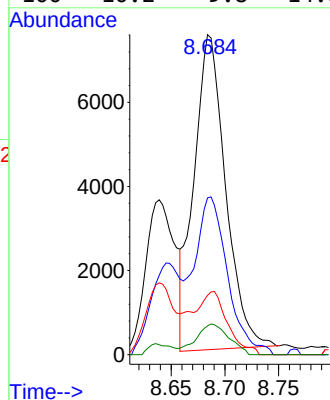
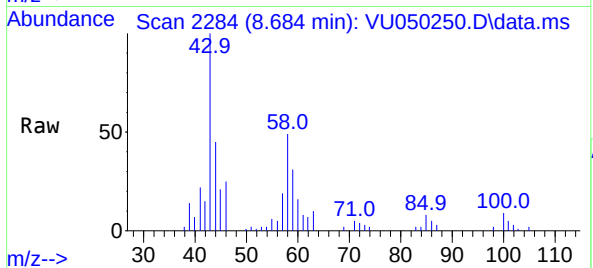
Ion Ratio Lower Upper

43 100

58 50.0 50.6 76.0#

57 17.7 16.0 24.0

100 10.2 9.8 14.8



#49

Dibromochloromethane

Concen: 0.062 ug/L

RT: 8.806 min Scan# 2322

Delta R.T. -0.006 min

Lab File: VU050250.D

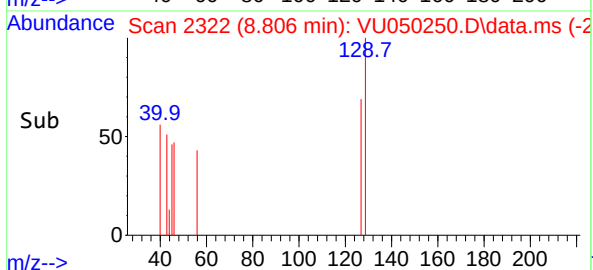
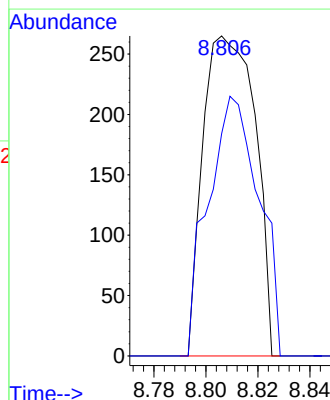
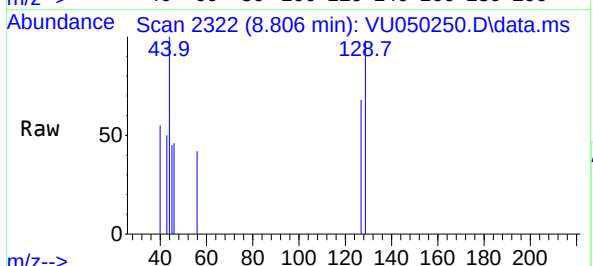
Acq: 12 Aug 2022 00:32

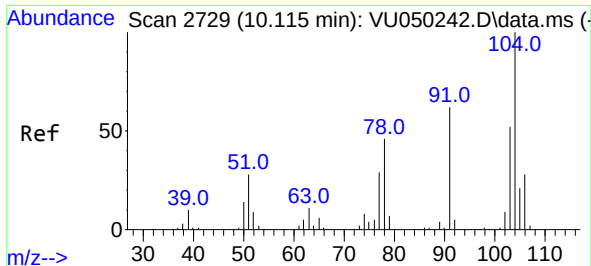
Tgt Ion:129 Resp: 370

Ion Ratio Lower Upper

129 100

127 69.4 55.3 102.7

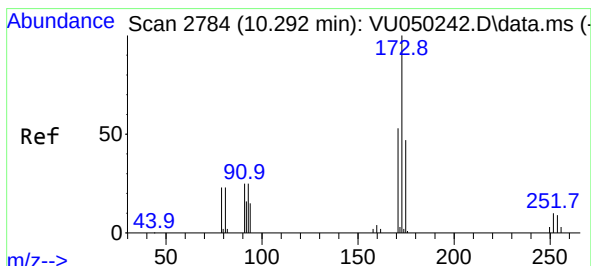
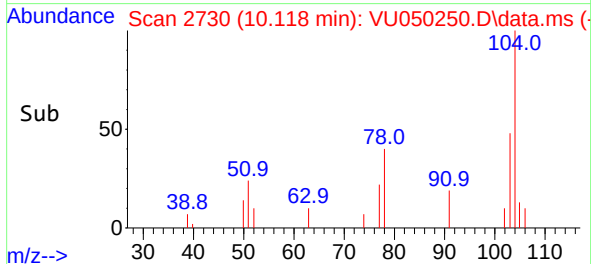
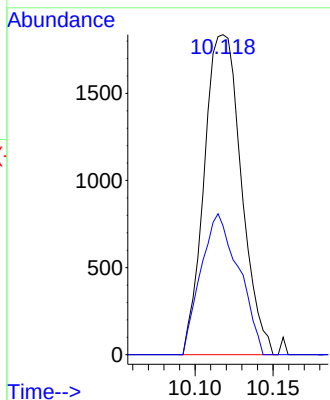
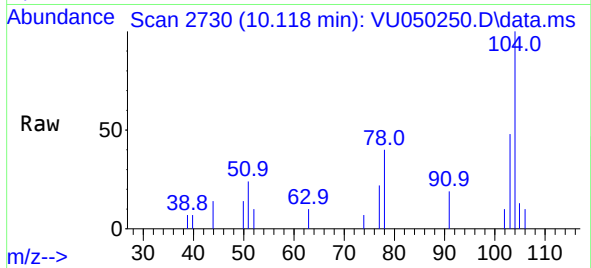




#55
Styrene
Concen: 0.186 ug/L
RT: 10.118 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 3043
Ion Ratio Lower Upper
104 100
78 40.3 31.9 59.3



#59
Bromoform
Concen: 0.197 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050250.D
Acq: 12 Aug 2022 00:32

Tgt Ion:173 Resp: 573
Ion Ratio Lower Upper
173 100
175 15.5 37.0 55.6#
254 0.0 7.4 11.0#

