

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051347.D
 Acq On : 11 Oct 2022 00:01
 Operator : JC/MD
 Sample : N5071-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:57:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 02:38:56 2022
 Response via : Initial Calibration

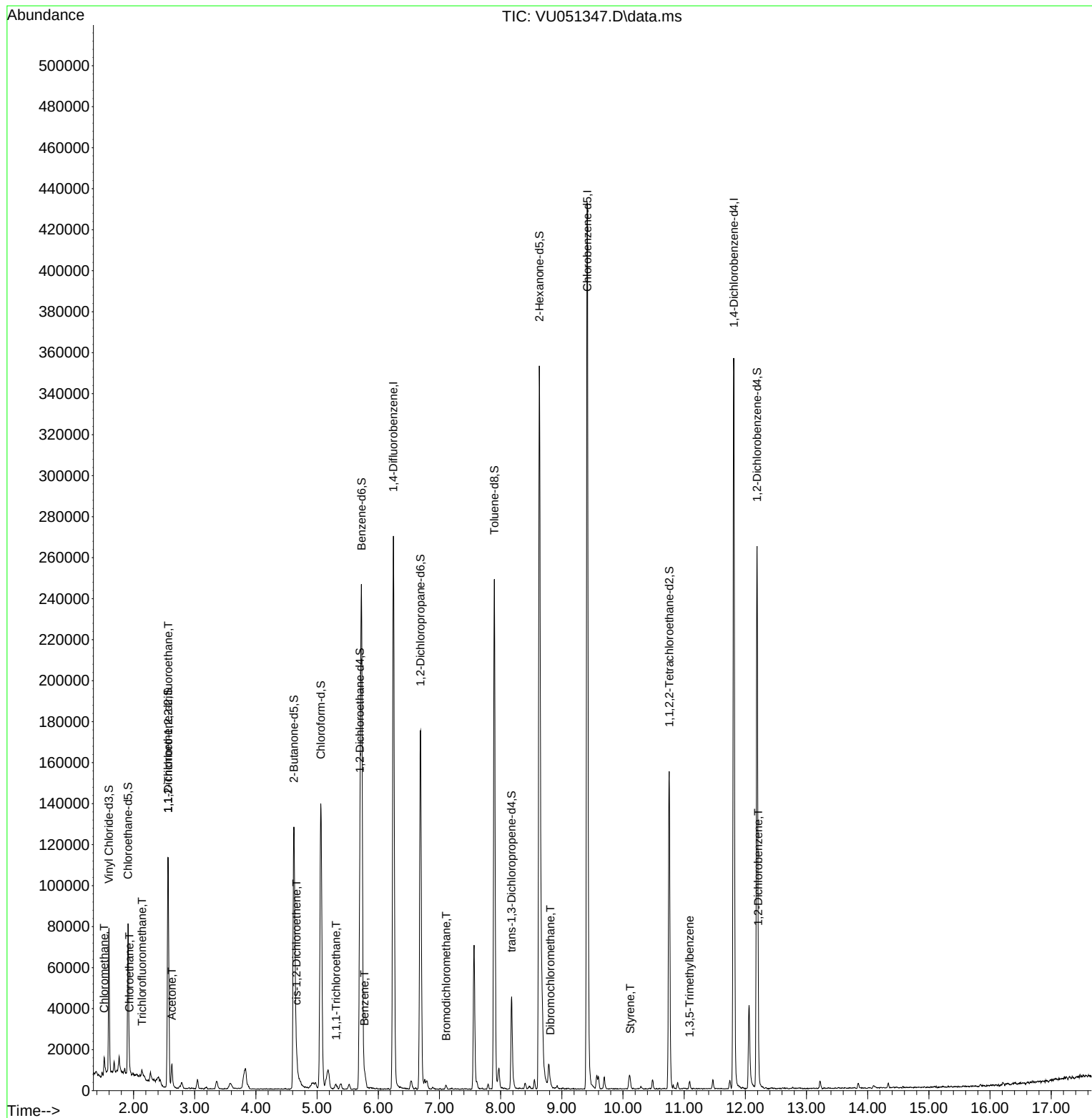
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209583	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	93280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	50406	2.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.910	69	53784	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.562	65	21929	3.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.620	46	183716	49.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	5.061	84	133313	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.700	65	71773	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.726	84	228773	3.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.000%#
36) 1,2-Dichloropropane-d6	6.691	67	86915	3.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.896	98	166332	2.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.400%#
43) trans-1,3-Dichloroprop...	8.179	79	24771	3.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.633	63	100281	39.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.340%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80029	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	69147	4.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	6741	0.281	ug/L	96
8) Chloroethane	1.932	64	1573	0.105	ug/L	93
9) Trichlorofluoromethane	2.138	101	1825	0.067	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	817	0.050	ug/L #	79
13) Acetone	2.627	43	13410	4.804	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	1251	0.070	ug/L	80
29) 1,1,1-Trichloroethane	5.311	97	1702	0.058	ug/L #	83
33) Benzene	5.774	78	5311	0.065	ug/L	100
38) Bromodichloromethane	7.109	83	1770	0.066	ug/L #	86
49) Dibromochloromethane	8.813	129	1137	0.065	ug/L	91
55) Styrene	10.118	104	2124	0.043	ug/L	89
62) 1,3,5-Trimethylbenzene	11.089	105	2424	0.155	ug/L	89
67) 1,2-Dichlorobenzene	12.211	146	2389	0.084	ug/L #	88

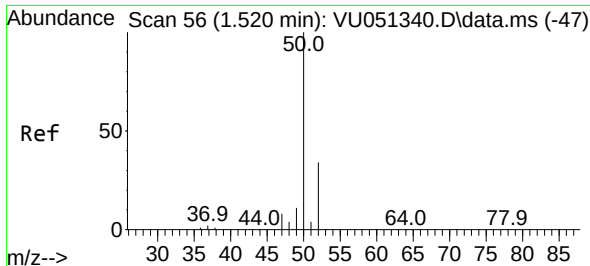
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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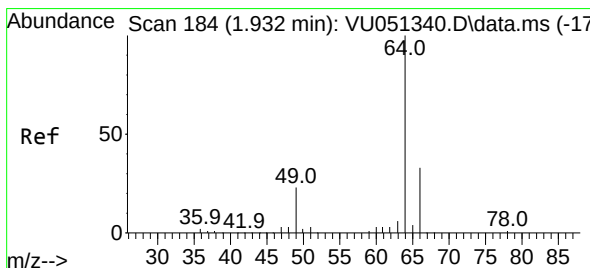
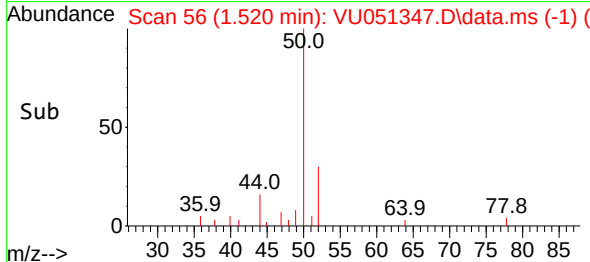
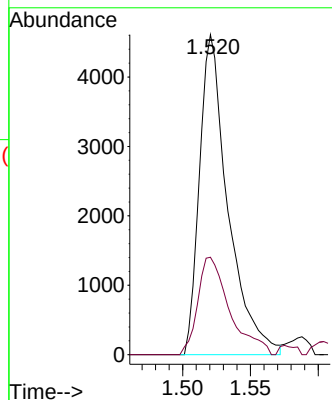
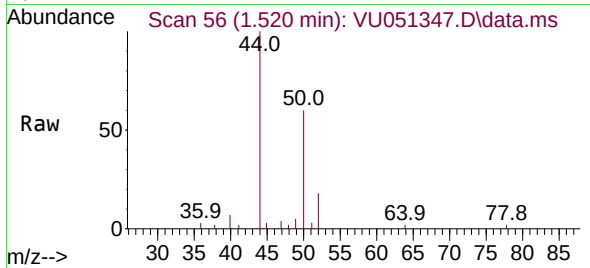




#3
 Chloromethane
 Concen: 0.281 ug/L
 RT: 1.520 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VU051347.D
 Acq: 11 Oct 2022 00:01

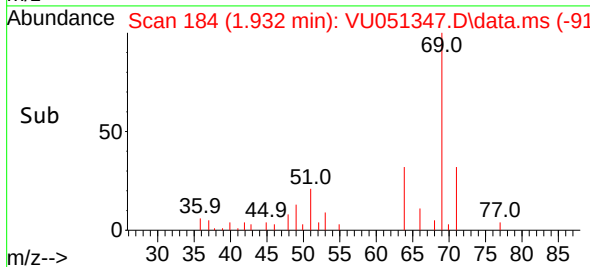
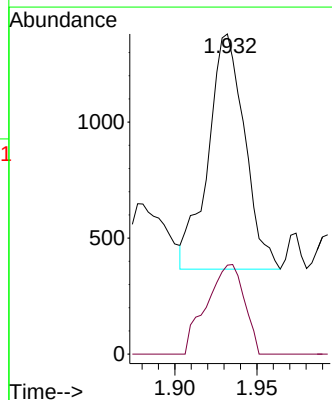
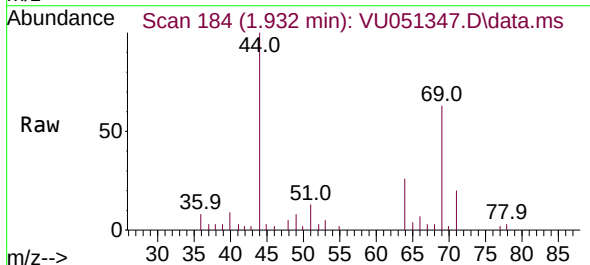
Instrument :
 MSVOA_U
 ClientSampleId :

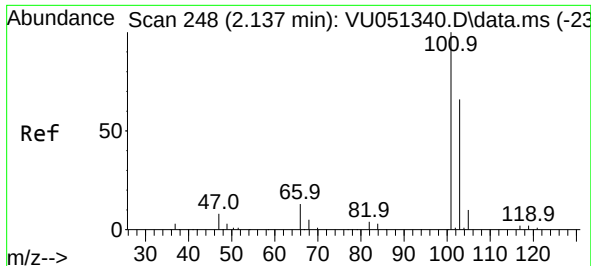
Tgt Ion: 50 Resp: 6741
 Ion Ratio Lower Upper
 50 100
 52 30.5 22.9 42.5



#8
 Chloroethane
 Concen: 0.105 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. 0.000 min
 Lab File: VU051347.D
 Acq: 11 Oct 2022 00:01

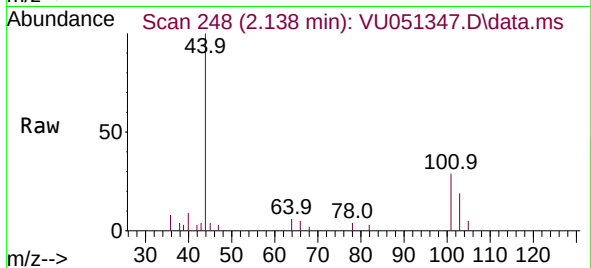
Tgt Ion: 64 Resp: 1573
 Ion Ratio Lower Upper
 64 100
 66 27.8 22.3 41.3



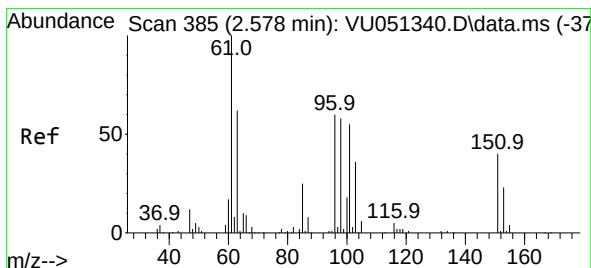
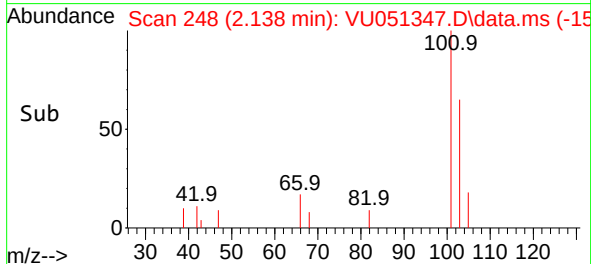
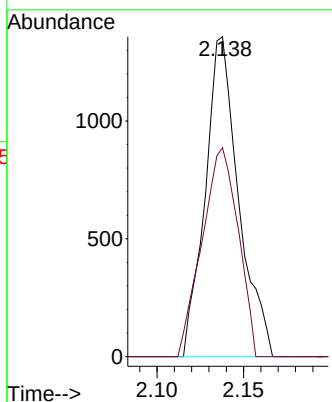


#9
 Trichlorofluoromethane
 Concen: 0.067 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051347.D
 Acq: 11 Oct 2022 00:01

Instrument :
 MSVOA_U
 ClientSampleId :

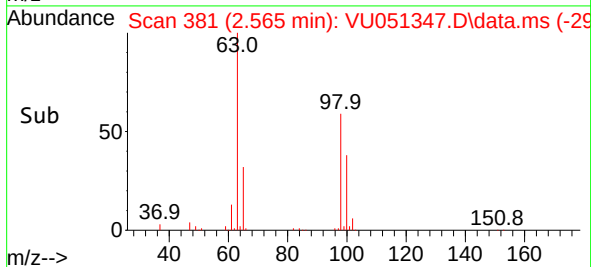
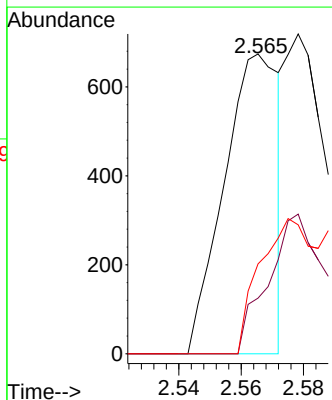
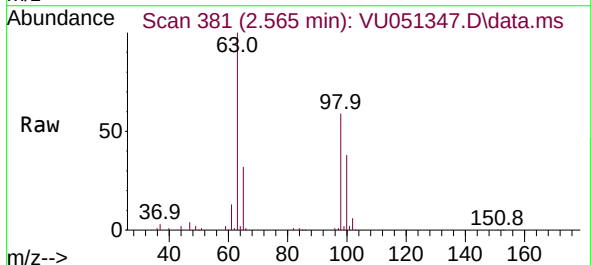


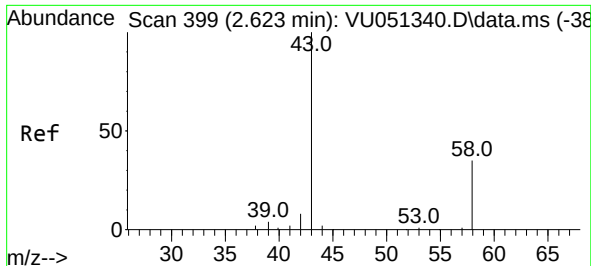
Tgt Ion:101 Resp: 1825
 Ion Ratio Lower Upper
 101 100
 103 70.4 52.2 78.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.050 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.012 min
 Lab File: VU051347.D
 Acq: 11 Oct 2022 00:01

Tgt Ion:101 Resp: 817
 Ion Ratio Lower Upper
 101 100
 85 46.1 34.6 51.8
 151 44.9 56.5 84.7#





#13

Acetone

Concen: 4.804 ug/L

RT: 2.627 min Scan# 40

Delta R.T. 0.004 min

Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

Instrument :

MSVOA_U

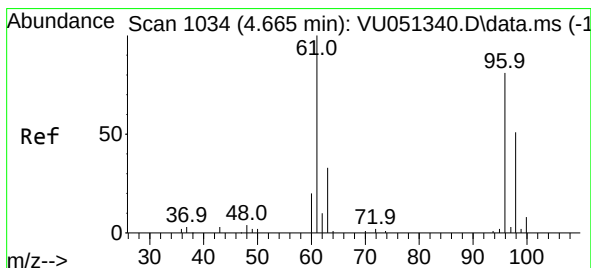
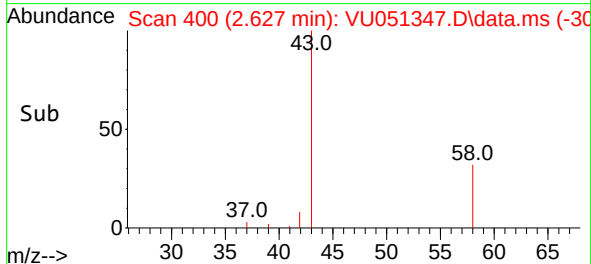
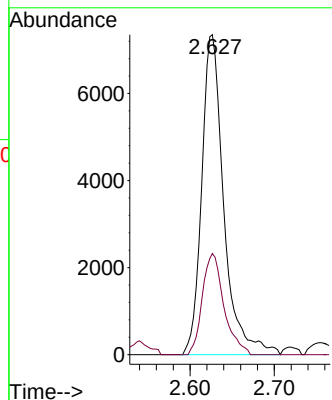
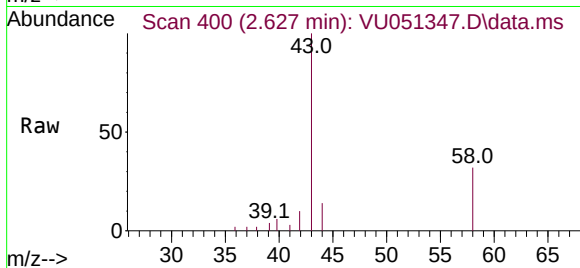
ClientSampleId :

Tgt Ion: 43 Resp: 13410

Ion Ratio Lower Upper

43 100

58 30.9 0.0 68.8



#22

cis-1,2-Dichloroethene

Concen: 0.070 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

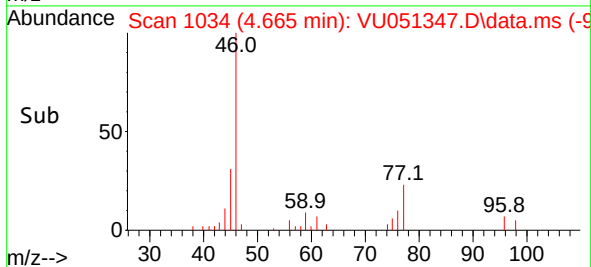
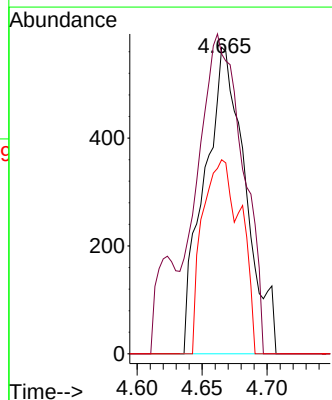
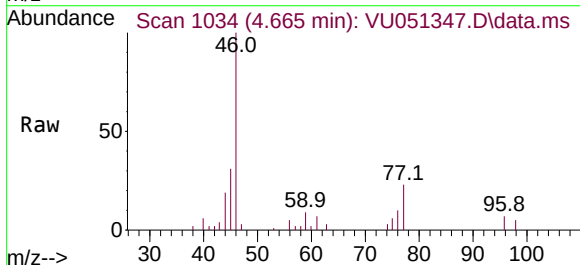
Tgt Ion: 96 Resp: 1251

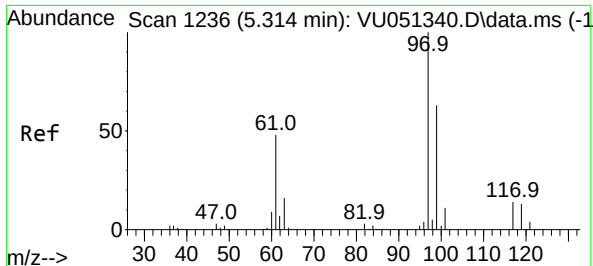
Ion Ratio Lower Upper

96 100

61 97.9 90.6 168.2

98 63.4 47.5 88.3





#29

1,1,1-Trichloroethane

Concen: 0.058 ug/L

RT: 5.311 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

Instrument :

MSVOA_U

ClientSampleId :

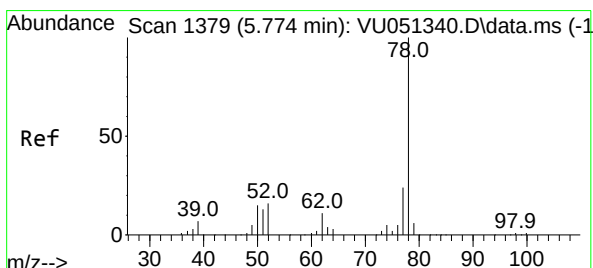
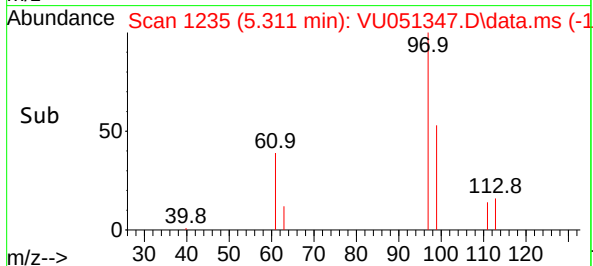
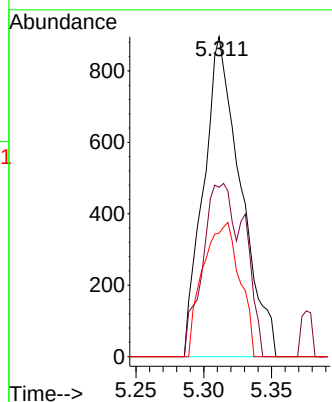
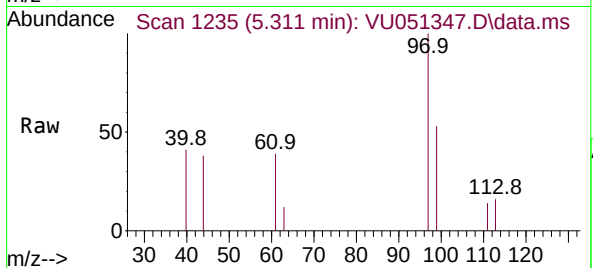
Tgt Ion: 97 Resp: 1702

Ion Ratio Lower Upper

97 100

99 45.8 50.2 75.4#

61 41.4 38.7 58.1



#33

Benzene

Concen: 0.065 ug/L

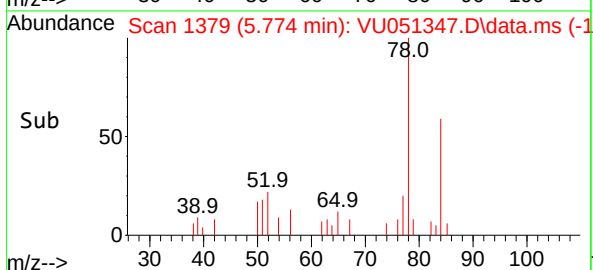
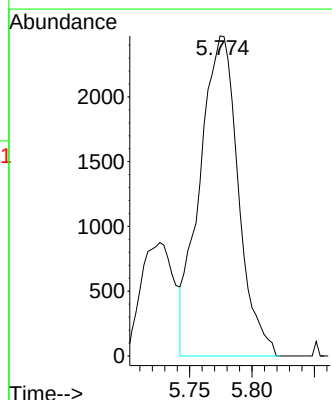
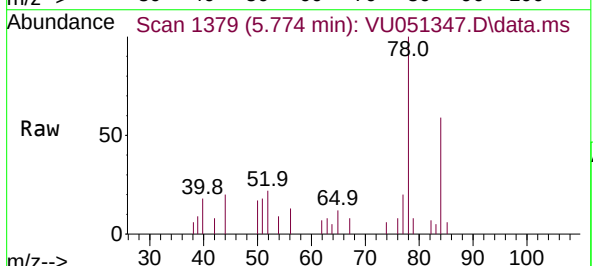
RT: 5.774 min Scan# 1379

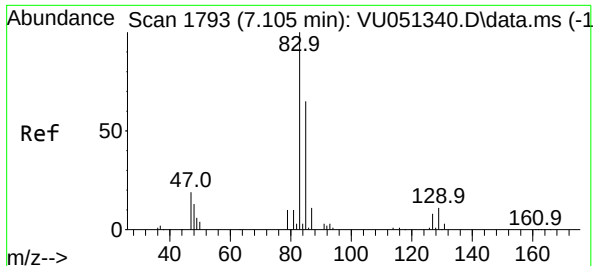
Delta R.T. 0.000 min

Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

Tgt Ion: 78 Resp: 5311





#38

Bromodichloromethane

Concen: 0.066 ug/L

RT: 7.109 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU051347.D

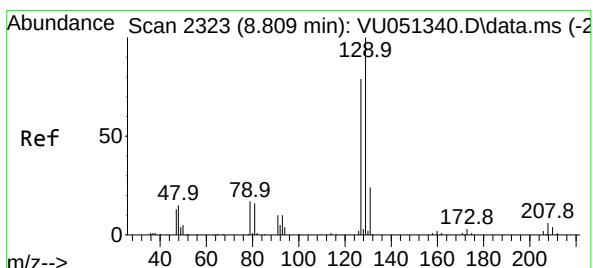
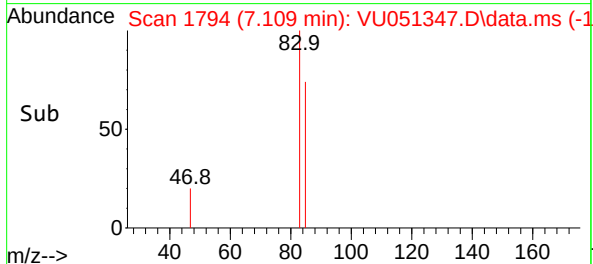
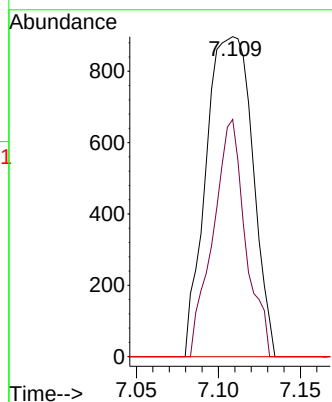
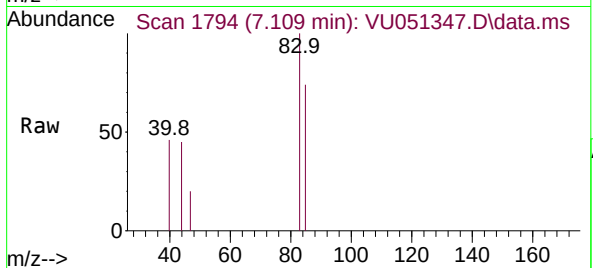
Acq: 11 Oct 2022 00:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	1770
Ion	Ratio	Lower	Upper
83	100		
85	74.1	44.8	83.2
127	0.0	7.0	10.6#



#49

Dibromochloromethane

Concen: 0.065 ug/L

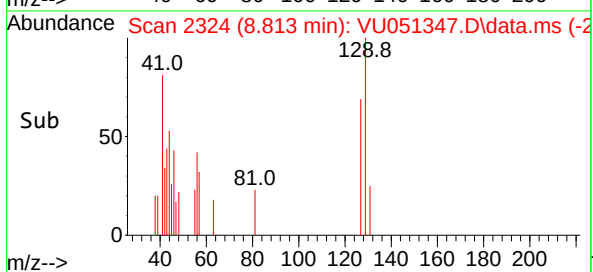
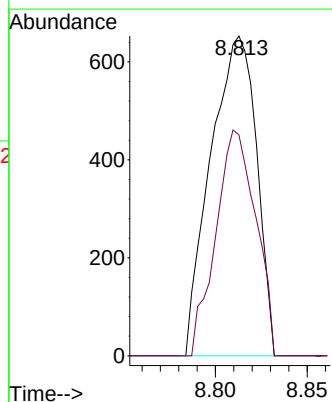
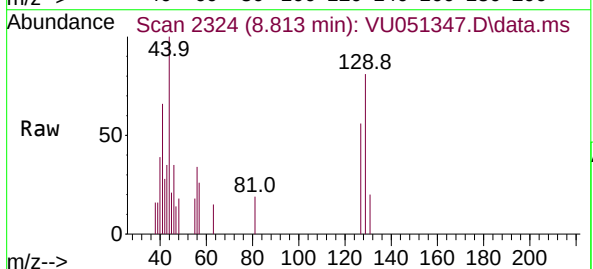
RT: 8.813 min Scan# 2324

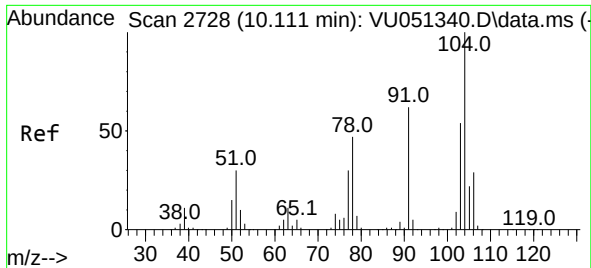
Delta R.T. 0.004 min

Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

Tgt Ion:	129	Resp:	1137
Ion	Ratio	Lower	Upper
129	100		
127	69.1	53.5	99.3

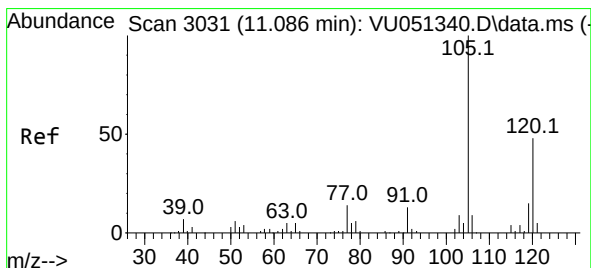
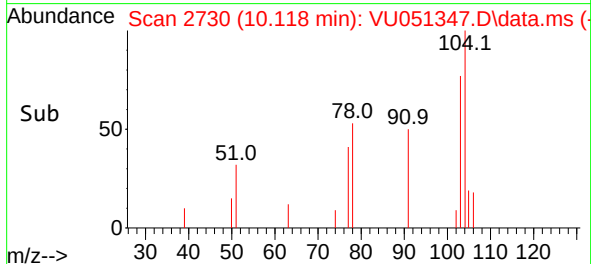
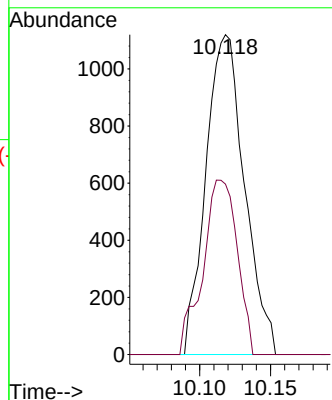
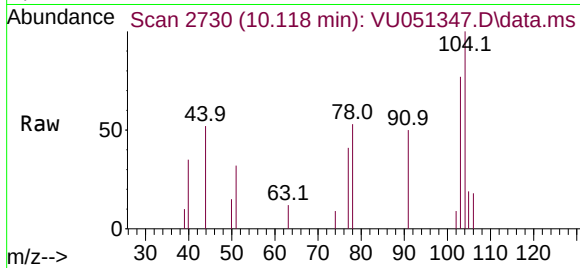




#55
Styrene
Concen: 0.043 ug/L
RT: 10.118 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU051347.D
Acq: 11 Oct 2022 00:01

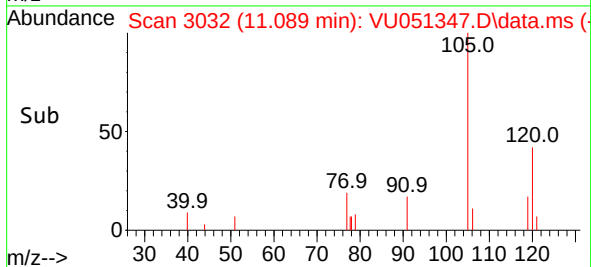
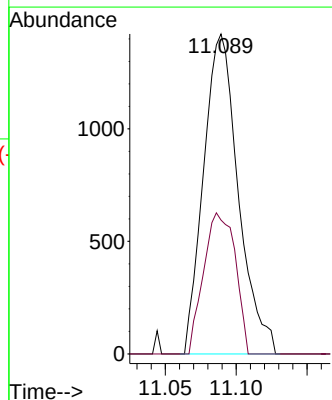
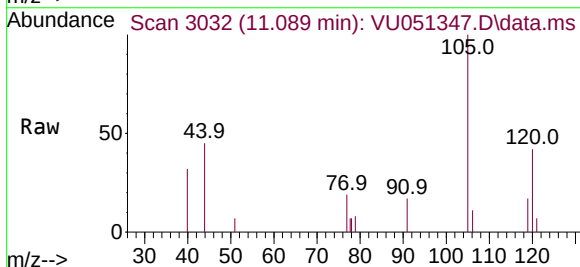
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ClientSampleId :

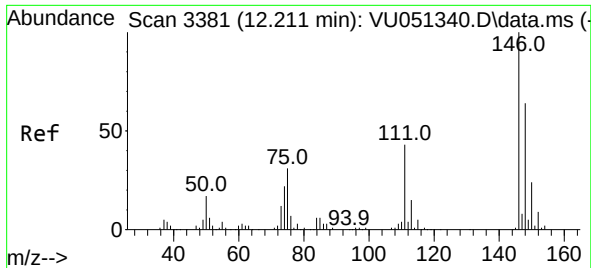
Tgt Ion:104 Resp: 2124
Ion Ratio Lower Upper
104 100
78 53.3 32.1 59.7



#62
1,3,5-Trimethylbenzene
Concen: 0.155 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.004 min
Lab File: VU051347.D
Acq: 11 Oct 2022 00:01

Tgt Ion:105 Resp: 2424
Ion Ratio Lower Upper
105 100
120 40.1 37.7 56.5





#67

1,2-Dichlorobenzene

Concen: 0.084 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

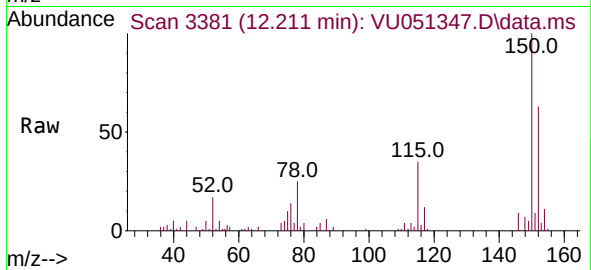
Lab File: VU051347.D

Acq: 11 Oct 2022 00:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	2389
Ion Ratio	Lower	Upper	
146	100		
111	42.3	35.5	53.3
148	77.7	50.9	76.3#

