

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051821.D
 Acq On : 11 Nov 2022 17:40
 Operator : JC/MD
 Sample : N5593-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 01:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

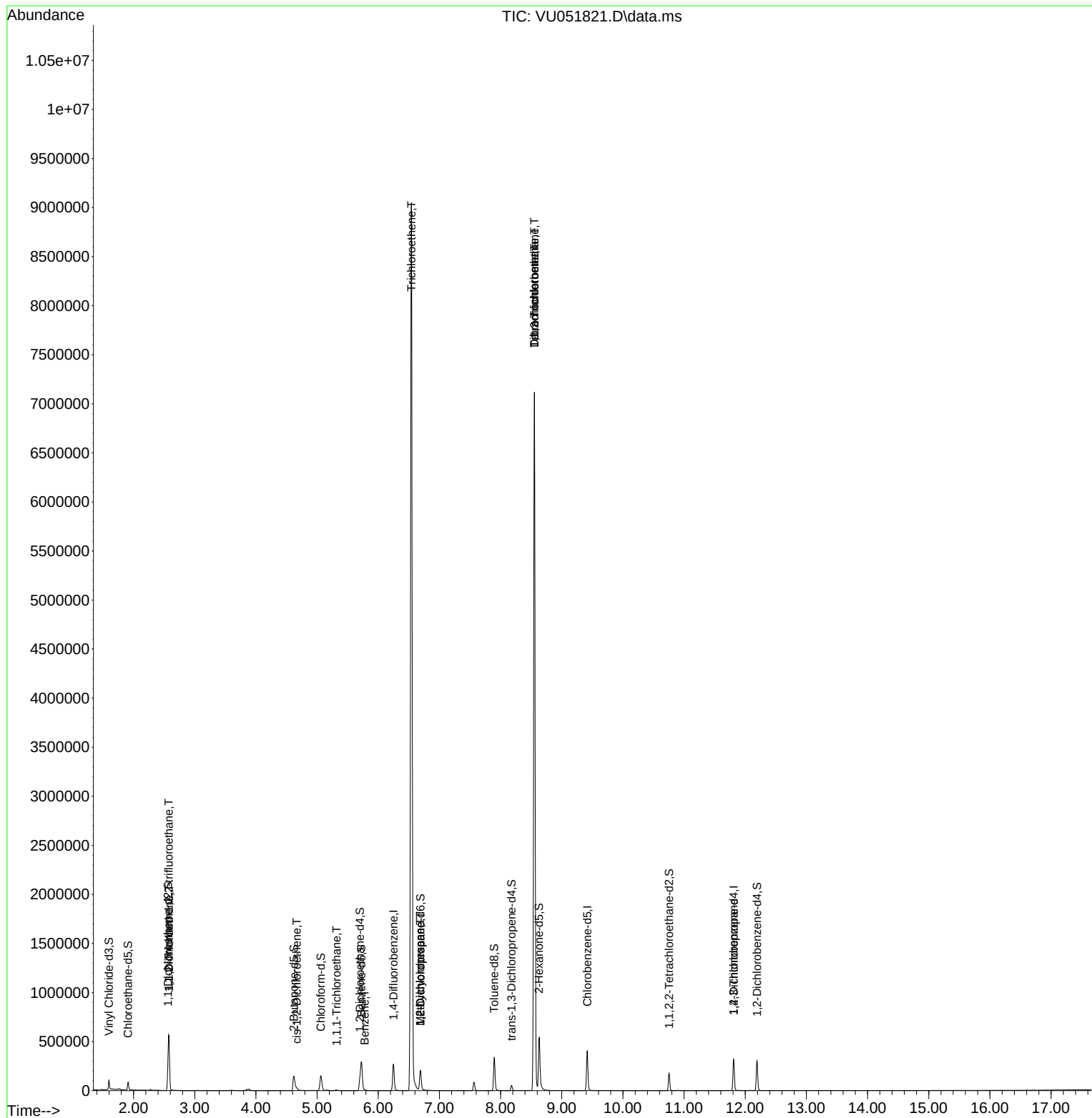
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	226284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64478	3.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.909	69	63727	3.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.565	65	28096	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.620	46	212339	34.403	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.800%
24) Chloroform-d	5.060	84	144904	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.700	65	79576	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	5.726	84	286375	3.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.690	67	100291	3.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.896	98	233173	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.179	79	30370	3.884	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.629	63	192149	40.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90610	3.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	85103	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1323	0.069	ug/L #	26
12) 1,1-Dichloroethene	2.578	96	176089	8.951	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	7602	0.325	ug/L	92
29) 1,1,1-Trichloroethane	5.317	97	4930	0.157	ug/L	95
33) Benzene	5.777	78	5950	0.065	ug/L	100
34) Trichloroethene	6.542	95	3162583	143.287	ug/L	100
35) Methylcyclohexane	6.687	83	22476	0.736	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10585	0.450	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	12115	0.703	ug/L #	1
47) Tetrachloroethene	8.552	164	1593051	94.242	ug/L	94
49) Dibromochloromethane	8.552	129	1544515	78.432	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10528	0.902	ug/L #	69

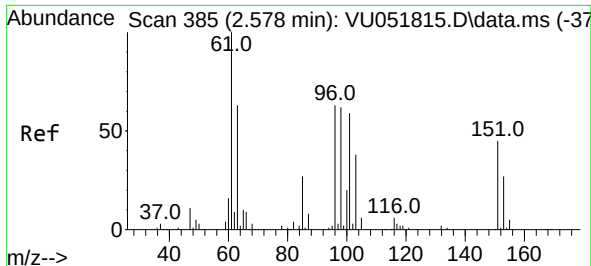
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

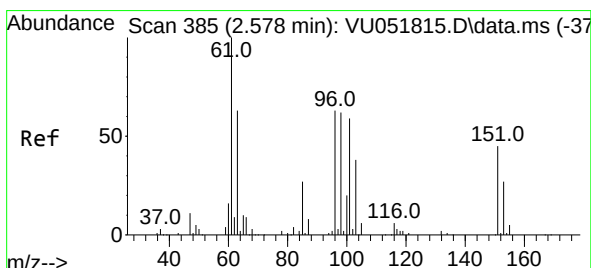
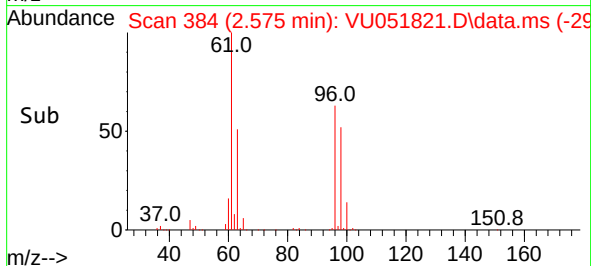
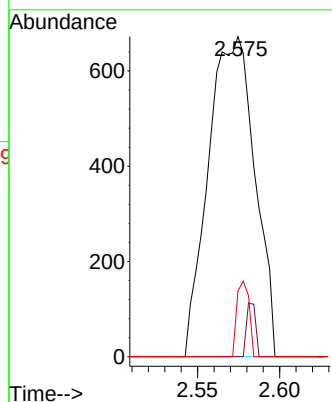
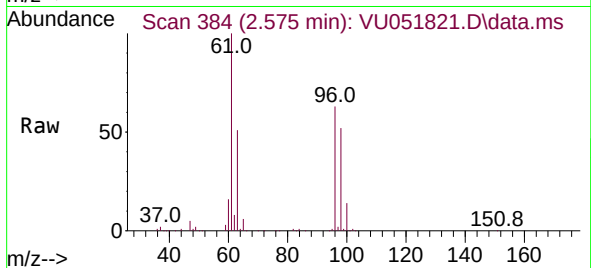




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051821.D
 Acq: 11 Nov 2022 17:40

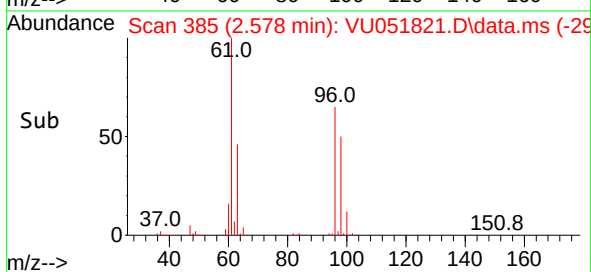
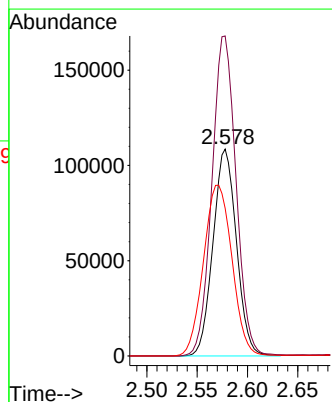
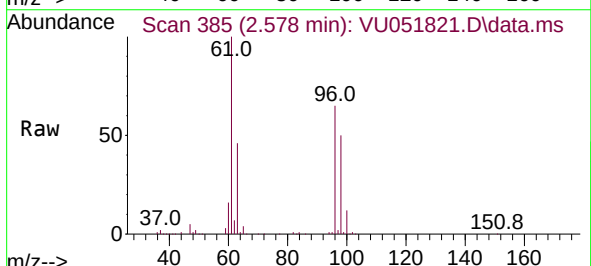
Instrument :
 MSVOA_U
 ClientSampleId :

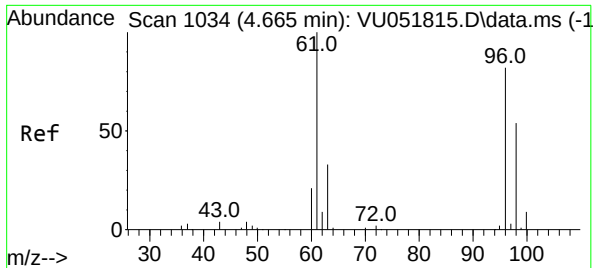
Tgt Ion:101 Resp: 1323
 Ion Ratio Lower Upper
 101 100
 85 3.3 35.6 53.4#
 151 6.2 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 8.951 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051821.D
 Acq: 11 Nov 2022 17:40

Tgt Ion: 96 Resp: 176089
 Ion Ratio Lower Upper
 96 100
 61 154.7 108.8 202.0
 63 71.4 64.9 120.5





#22

cis-1,2-Dichloroethene

Concen: 0.325 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

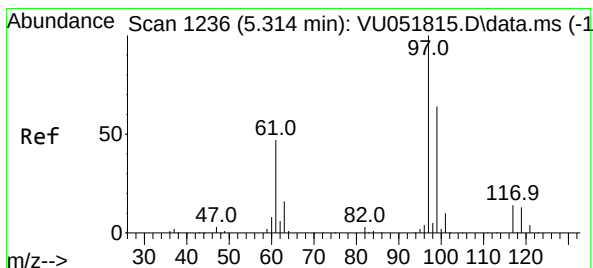
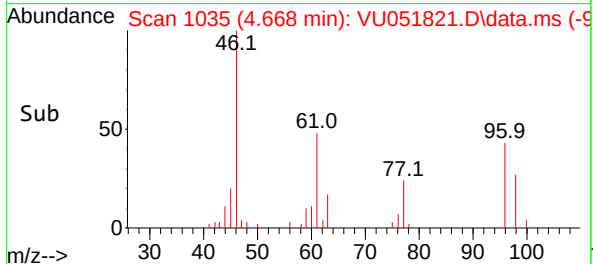
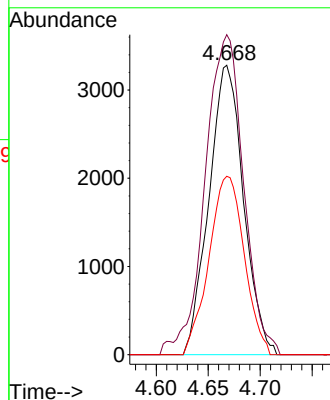
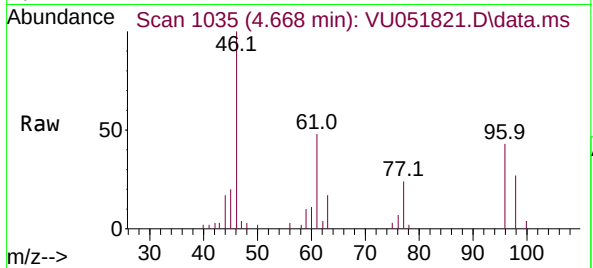
Tgt Ion: 96 Resp: 7602

Ion Ratio Lower Upper

96 100

61 110.5 86.4 160.4

98 61.6 44.2 82.2



#29

1,1,1-Trichloroethane

Concen: 0.157 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

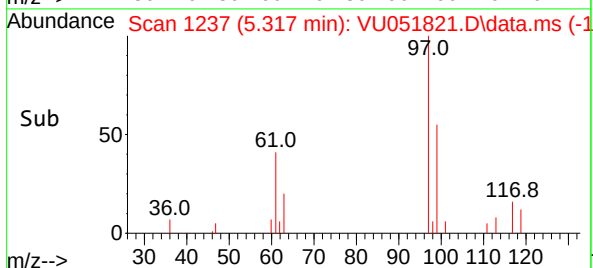
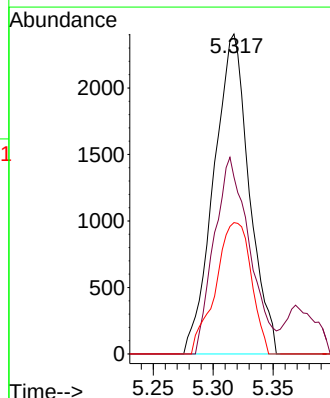
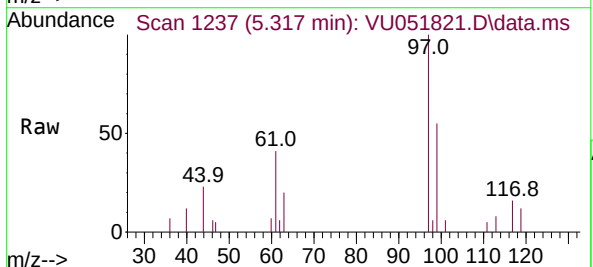
Tgt Ion: 97 Resp: 4930

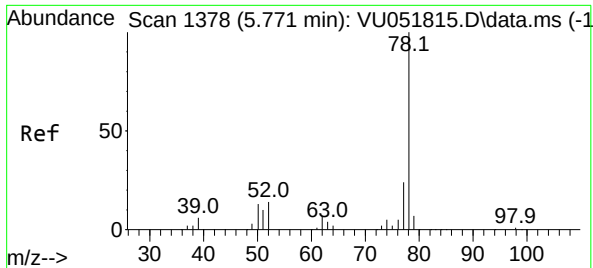
Ion Ratio Lower Upper

97 100

99 61.7 51.1 76.7

61 41.3 37.4 56.0

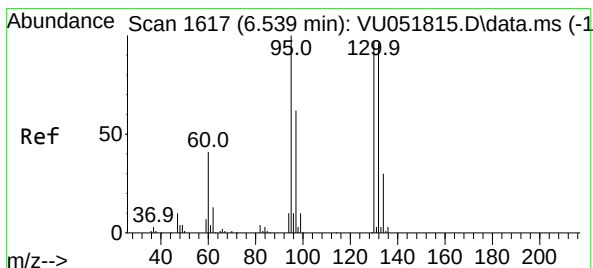
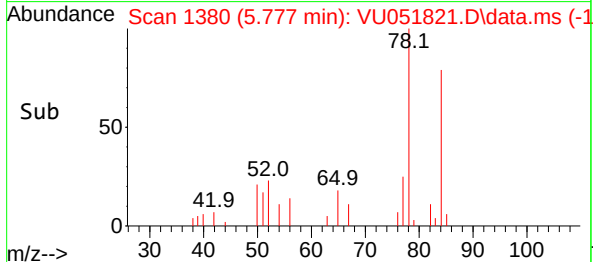
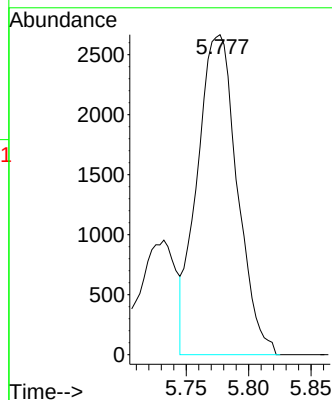
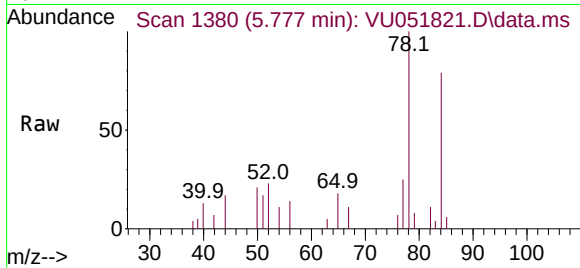




#33
Benzene
Concen: 0.065 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

Instrument :
MSVOA_U
ClientSampleId :

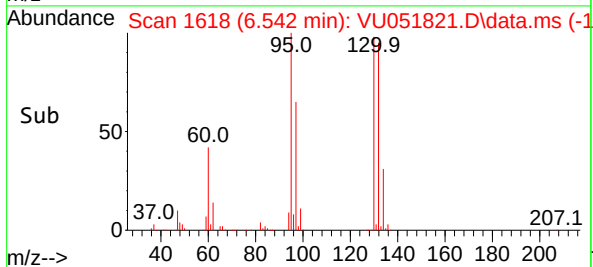
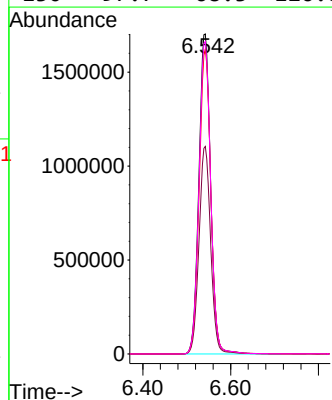
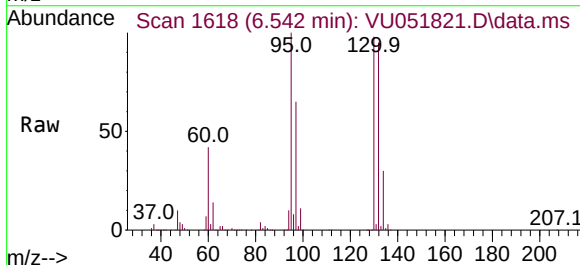
Tgt Ion: 78 Resp: 5950

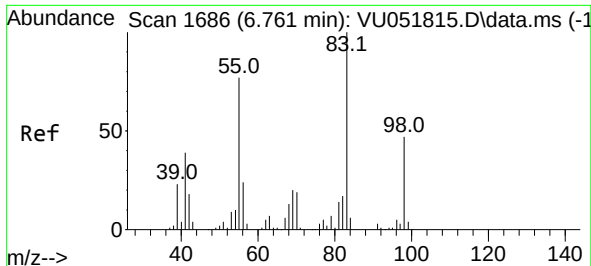


#34
Trichloroethene
Concen: 143.287 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

Tgt Ion: 95 Resp: 3162583

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.2	84.0
132	95.3	66.5	123.5
130	97.7	68.3	126.8

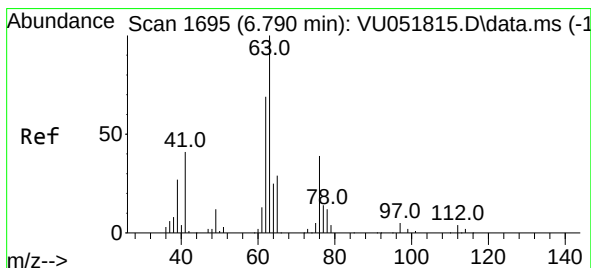
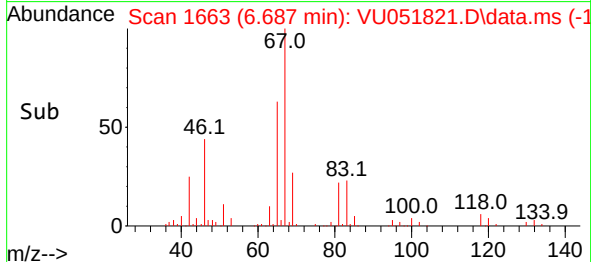
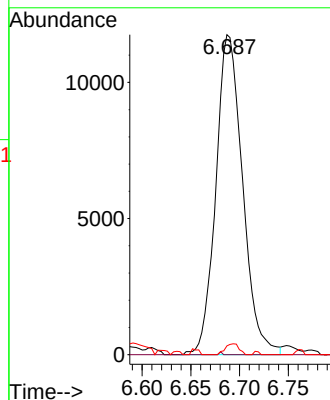
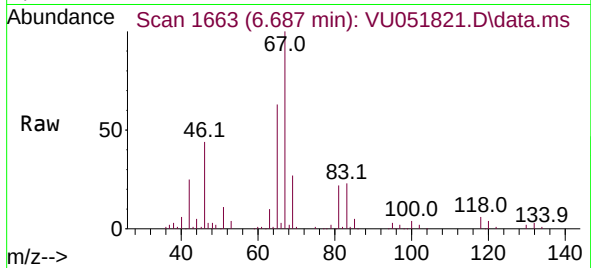




#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

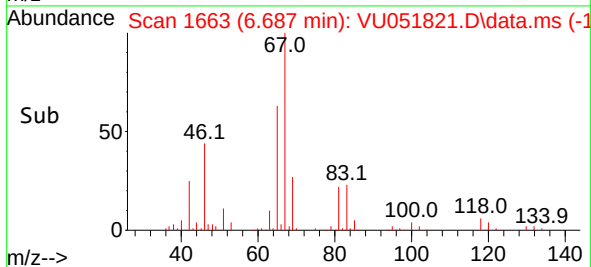
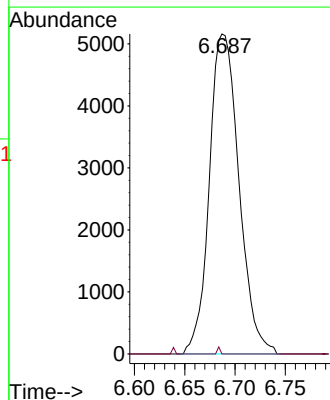
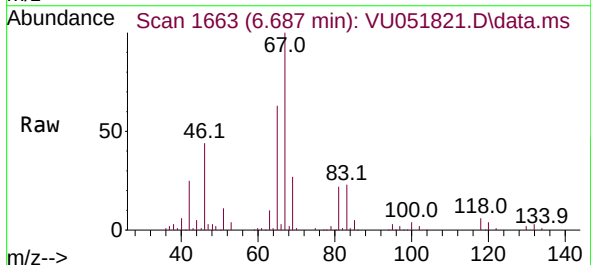
Instrument :
MSVOA_U
ClientSampleId :

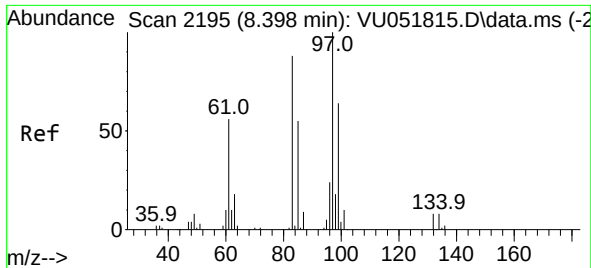
Tgt Ion: 83 Resp: 22476
Ion Ratio Lower Upper
83 100
55 0.1 60.6 90.8#
98 0.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

Tgt Ion: 63 Resp: 10585
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



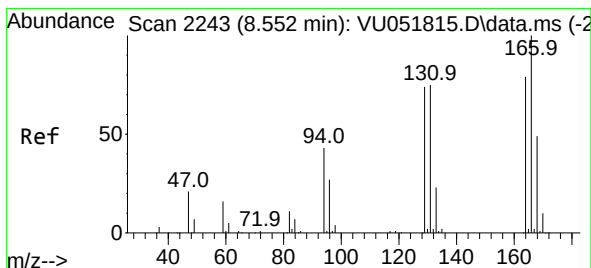
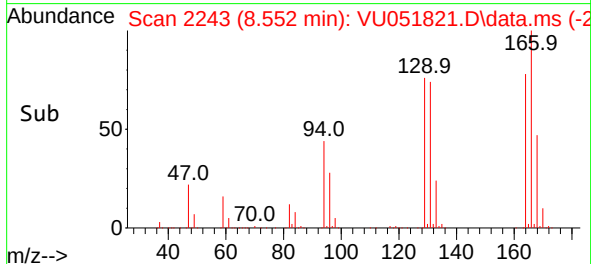
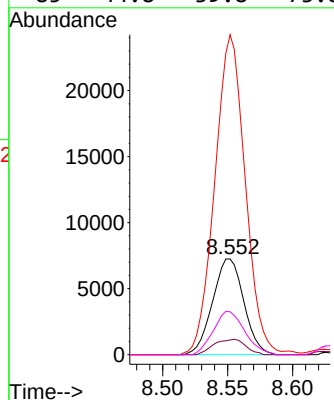
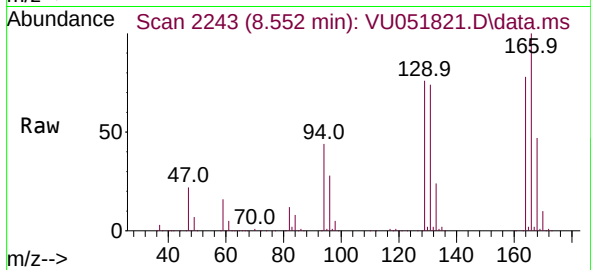


#45
1,1,2-Trichloroethane
Concen: 0.703 ug/L
RT: 8.552 min Scan# 2195
Delta R.T. 0.154 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 12115

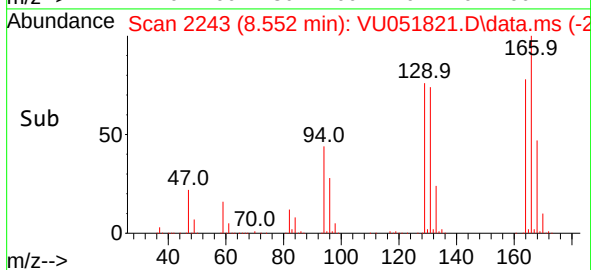
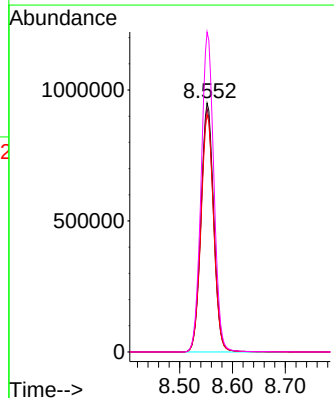
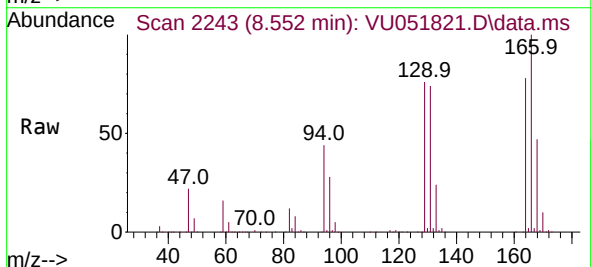
Ion	Ratio	Lower	Upper
97	100		
99	15.4	43.4	80.6#
83	334.3	61.3	113.9#
85	44.8	39.8	73.8

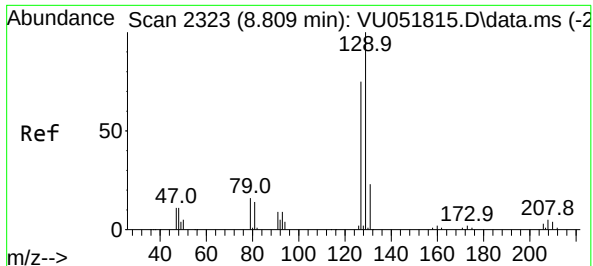


#47
Tetrachloroethene
Concen: 94.242 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051821.D
Acq: 11 Nov 2022 17:40

Tgt Ion: 164 Resp: 1593051

Ion	Ratio	Lower	Upper
164	100		
129	97.7	64.0	118.8
131	95.4	60.7	112.7
166	128.6	86.8	161.2





#49

Dibromochloromethane

Concen: 78.432 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

Instrument :

MSVOA_U

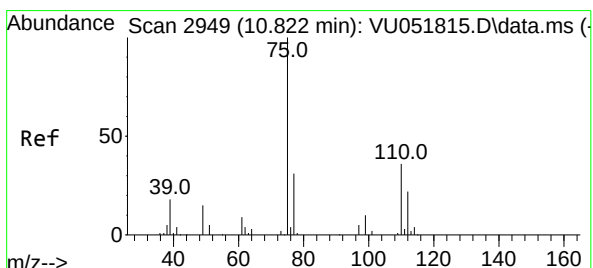
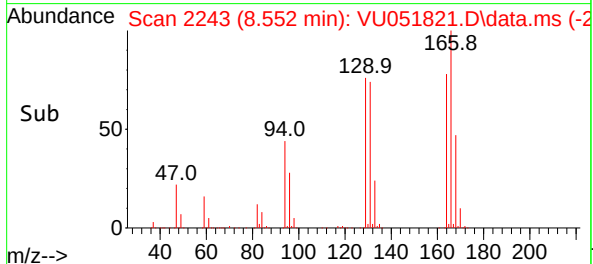
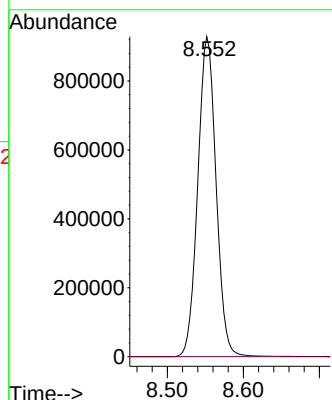
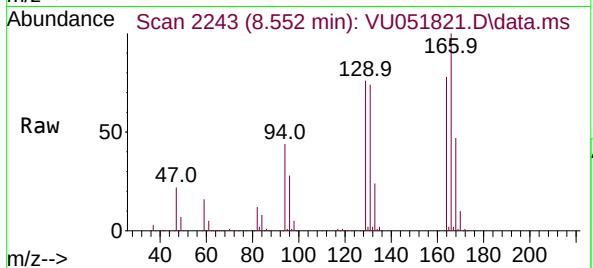
ClientSampleId :

Tgt Ion:129 Resp: 1544515

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.902 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

Tgt Ion: 75 Resp: 10528

Ion Ratio Lower Upper

75 100

110 1.6 28.7 43.1#

77 31.5 26.1 39.1

