

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051840.D
 Acq On : 14 Nov 2022 17:33
 Operator : JC/MD
 Sample : N5593-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

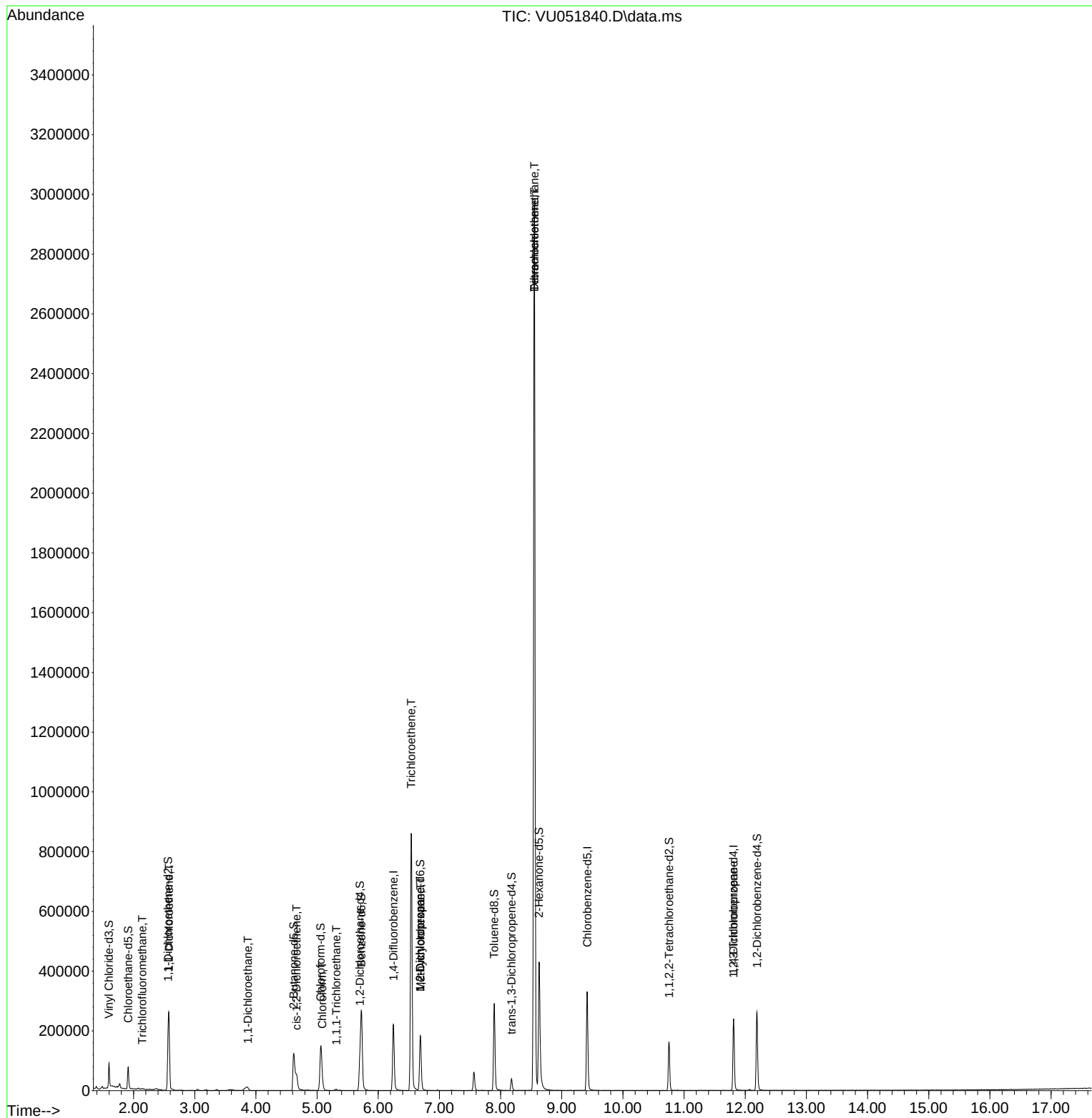
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184385	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57872	4.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.912	69	59044	4.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.565	65	24742	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.616	46	180055	35.801	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.600%
24) Chloroform-d	5.060	84	139879	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.700	65	72674	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.726	84	263741	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.687	67	93414	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.896	98	204183	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	22312	3.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.629	63	141629	35.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84726	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	74719	5.942	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	1214	0.045	ug/L	90
12) 1,1-Dichloroethene	2.578	96	66227	4.132	ug/L	91
19) 1,1-Dichloroethane	3.871	63	6097	0.192	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	22027	1.157	ug/L	97
25) Chloroform	5.086	83	15606	0.474	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	2752	0.104	ug/L	95
34) Trichloroethene	6.539	95	302673	16.326	ug/L	99
35) Methylcyclohexane	6.690	83	21730	0.848	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9685	0.490	ug/L #	89
47) Tetrachloroethene	8.552	164	680178	47.906	ug/L	96
49) Dibromochloromethane	8.552	129	650084	39.303	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	8737	0.986	ug/L #	63

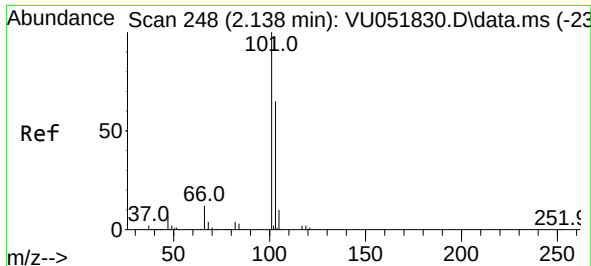
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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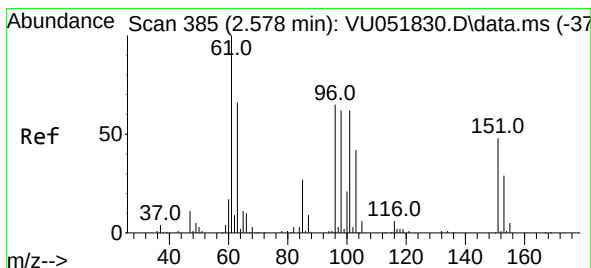
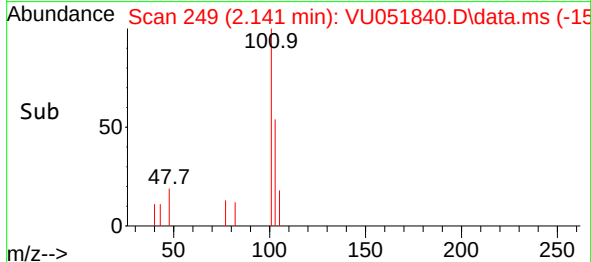
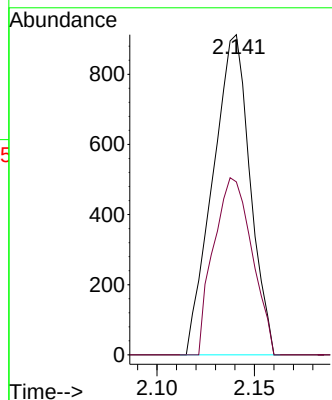
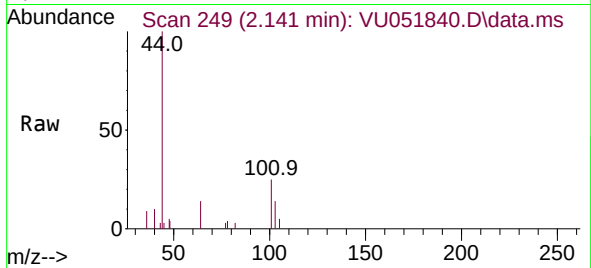




#9
 Trichlorofluoromethane
 Concen: 0.045 ug/L
 RT: 2.141 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU051840.D
 Acq: 14 Nov 2022 17:33

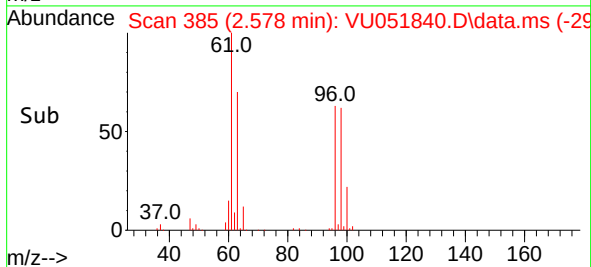
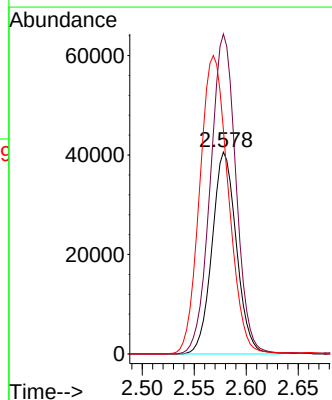
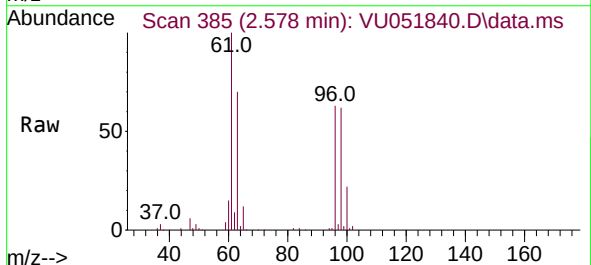
Instrument :
 MSVOA_U
 ClientSampleId :

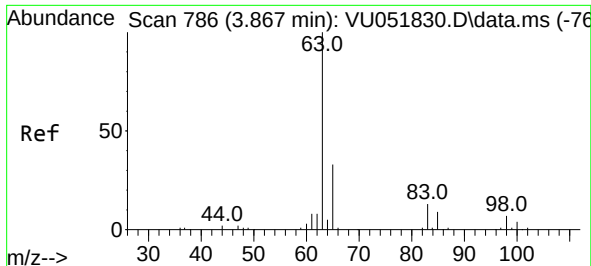
Tgt Ion:101 Resp: 1214
 Ion Ratio Lower Upper
 101 100
 103 56.8 51.8 77.6



#12
 1,1-Dichloroethene
 Concen: 4.132 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051840.D
 Acq: 14 Nov 2022 17:33

Tgt Ion: 96 Resp: 66227
 Ion Ratio Lower Upper
 96 100
 61 158.5 108.8 202.0
 63 111.0 64.9 120.5





#19

1,1-Dichloroethane

Concen: 0.192 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU051840.D

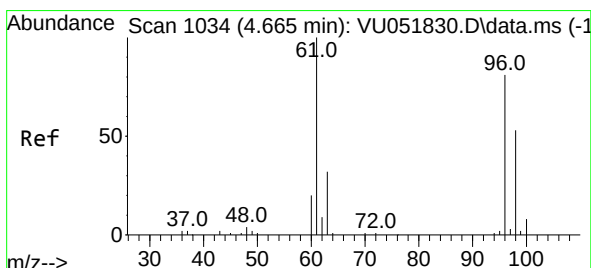
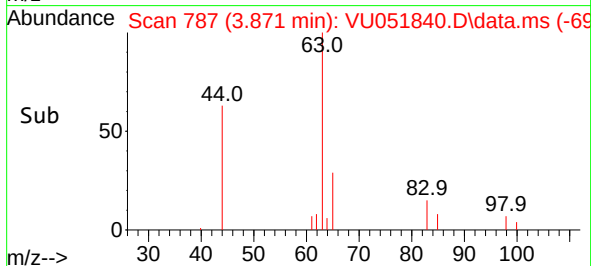
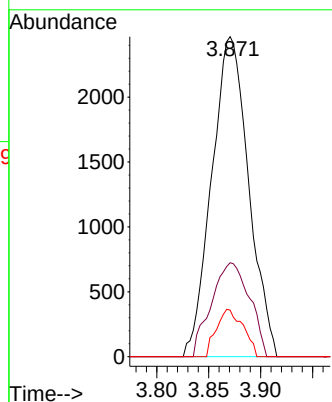
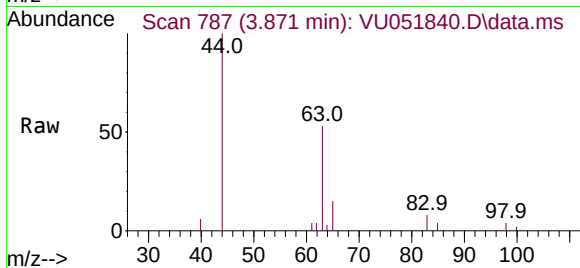
Acq: 14 Nov 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 6097
Ion Ratio	Lower Upper
63	100
65	29.4 22.7 42.1
83	14.6 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.157 ug/L

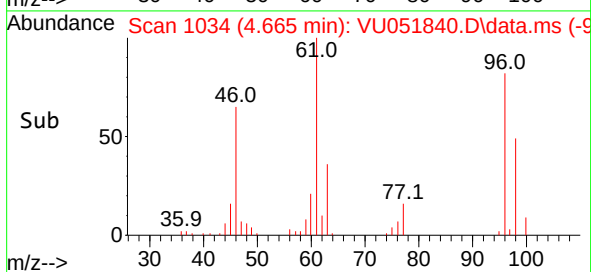
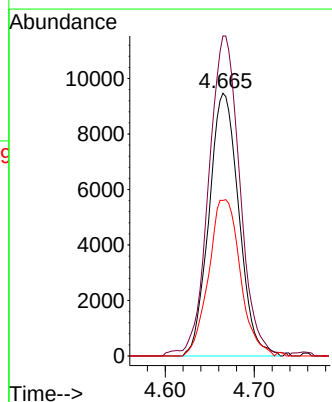
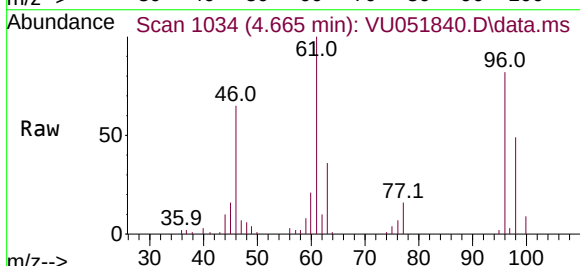
RT: 4.665 min Scan# 1034

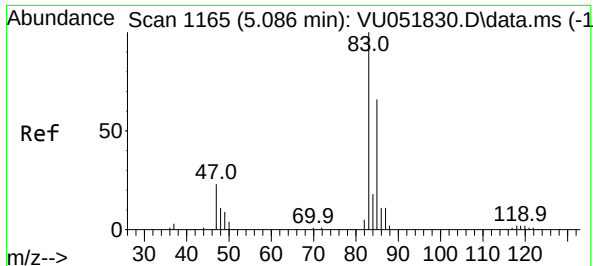
Delta R.T. -0.000 min

Lab File: VU051840.D

Acq: 14 Nov 2022 17:33

Tgt Ion: 96	Resp: 22027
Ion Ratio	Lower Upper
96	100
61	121.8 86.4 160.4
98	59.2 44.2 82.2





#25

Chloroform

Concen: 0.474 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051840.D

Acq: 14 Nov 2022 17:33

Instrument :

MSVOA_U

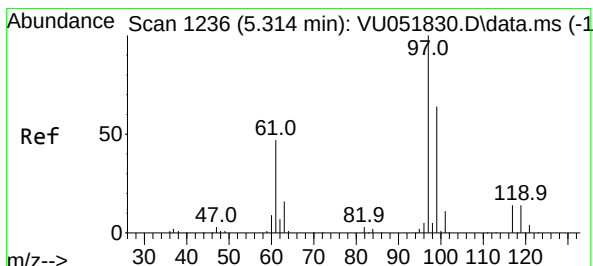
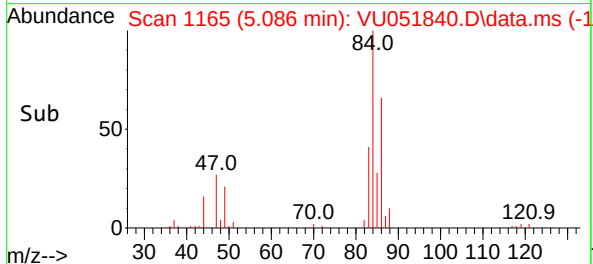
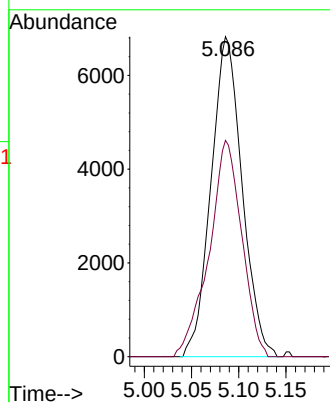
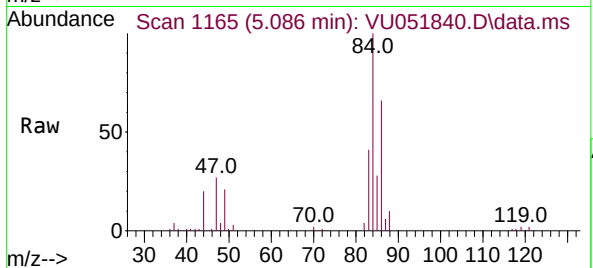
ClientSampleId :

Tgt Ion: 83 Resp: 15606

Ion Ratio Lower Upper

83 100

85 67.6 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.104 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051840.D

Acq: 14 Nov 2022 17:33

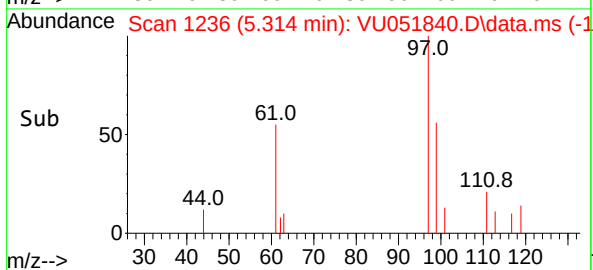
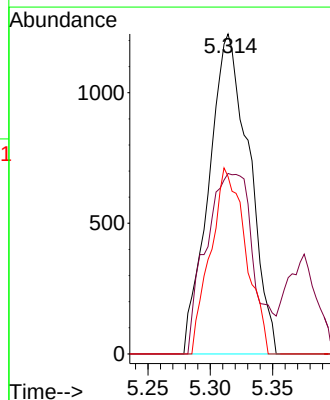
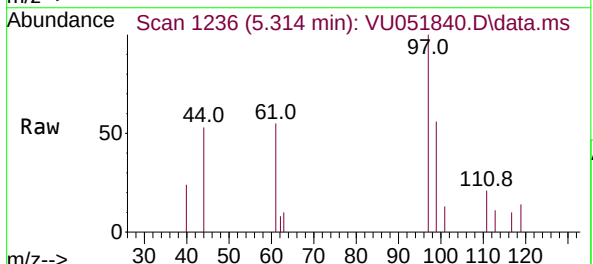
Tgt Ion: 97 Resp: 2752

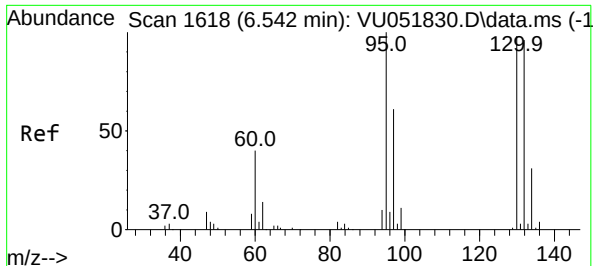
Ion Ratio Lower Upper

97 100

99 66.9 51.1 76.7

61 51.1 37.4 56.0

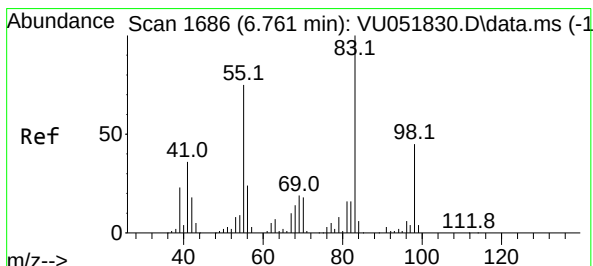
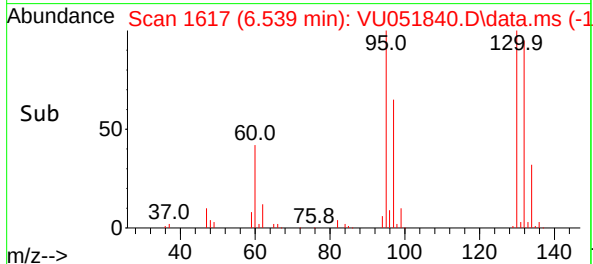
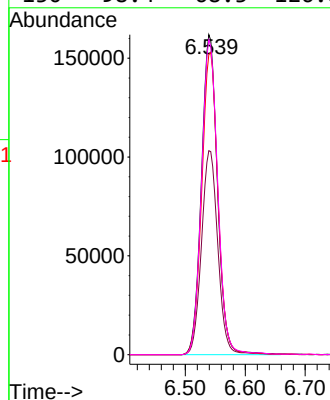
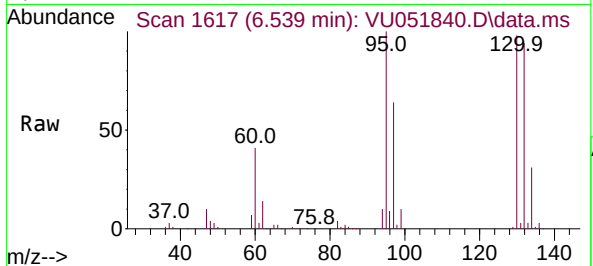




#34
Trichloroethene
Concen: 16.326 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

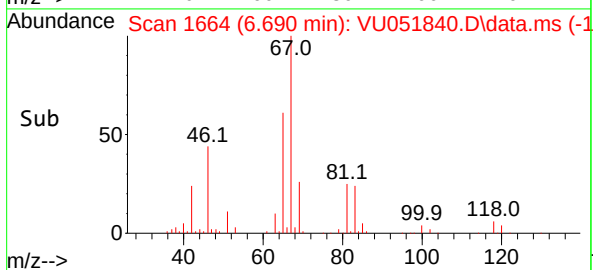
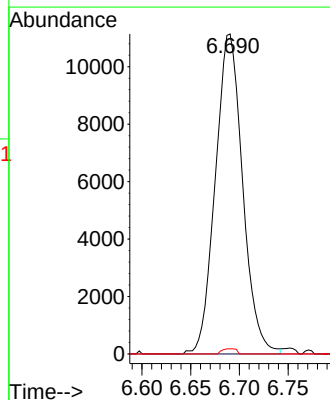
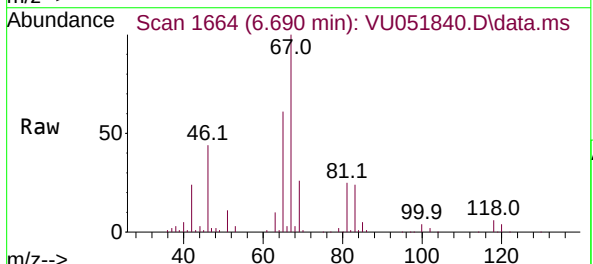
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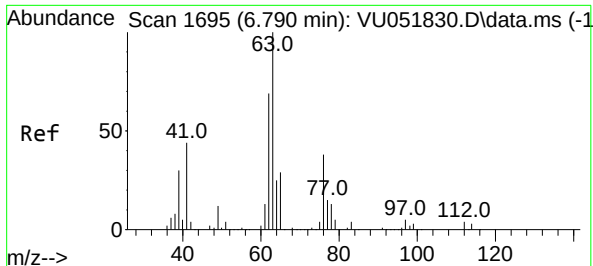
Tgt Ion: 95 Resp: 302673
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 93.8 66.5 123.5
130 98.4 68.3 126.8



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

Tgt Ion: 83 Resp: 21730
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 0.0 35.8 53.6#

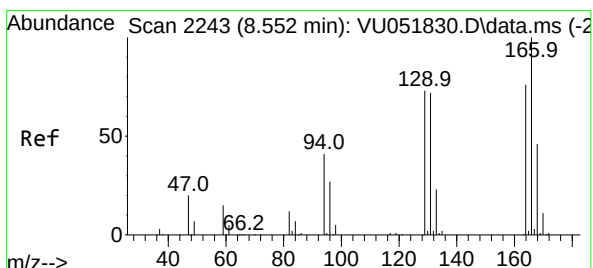
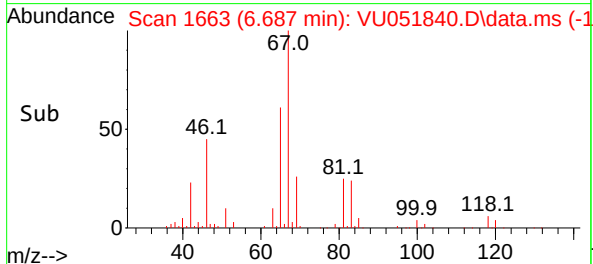
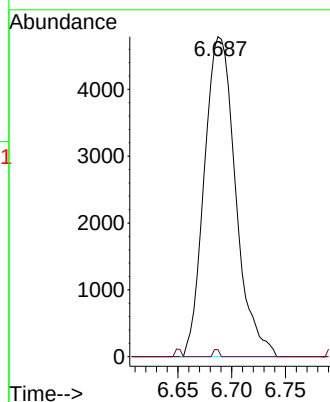
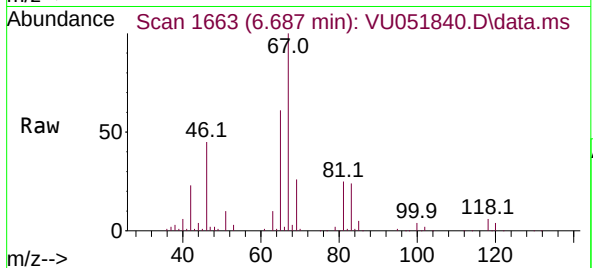




#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

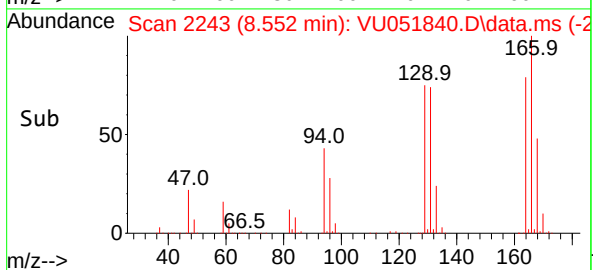
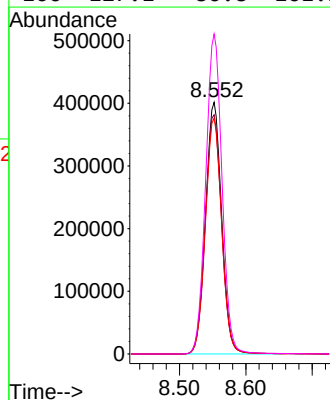
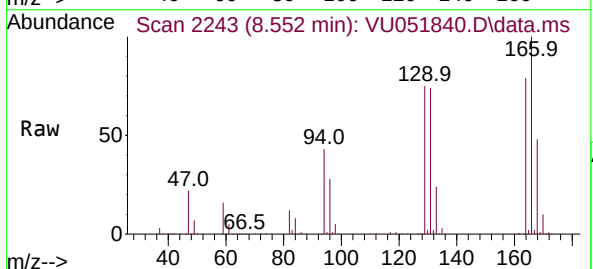
Instrument :
MSVOA_U
ClientSampleId :

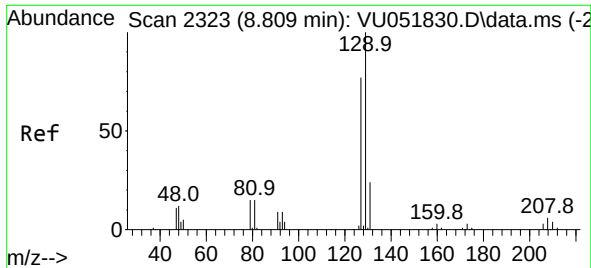
Tgt Ion: 63 Resp: 9685
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#47
Tetrachloroethene
Concen: 47.906 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

Tgt Ion: 164 Resp: 680178
Ion Ratio Lower Upper
164 100
129 95.1 64.0 118.8
131 93.7 60.7 112.7
166 127.1 86.8 161.2

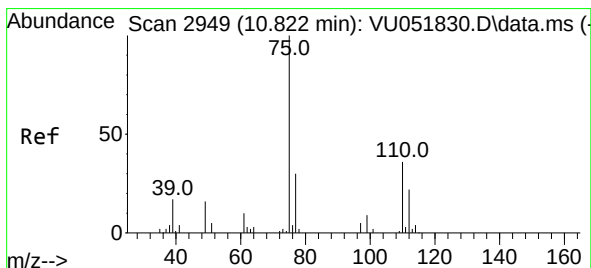
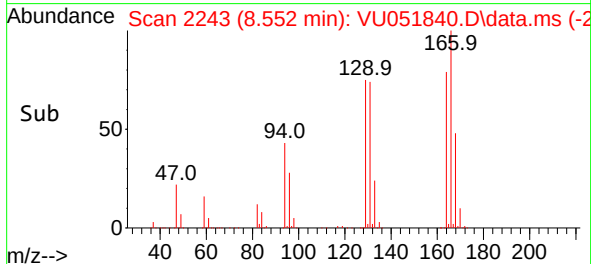
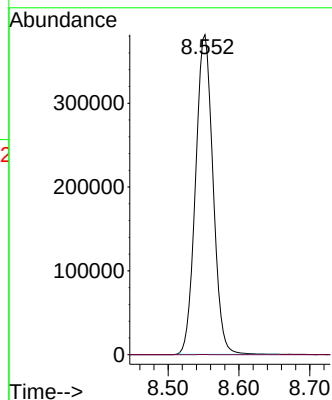
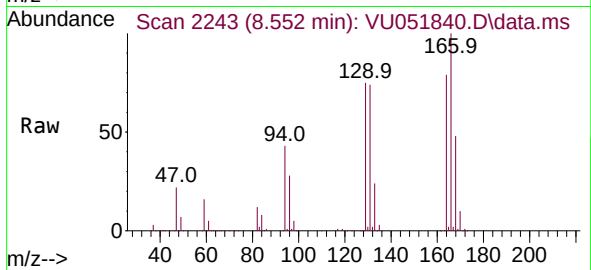




#49
Dibromochloromethane
Concen: 39.303 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 650084
Ion Ratio Lower Upper
129 100
127 0.1 54.8 101.8#



#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.984 min
Lab File: VU051840.D
Acq: 14 Nov 2022 17:33

Tgt Ion: 75 Resp: 8737
Ion Ratio Lower Upper
75 100
110 0.5 28.7 43.1#
77 26.2 26.1 39.1

