

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051920.D
 Acq On : 18 Nov 2022 23:02
 Operator : JC/MD
 Sample : N5684-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H9

Quant Time: Nov 19 00:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

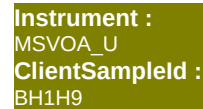
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

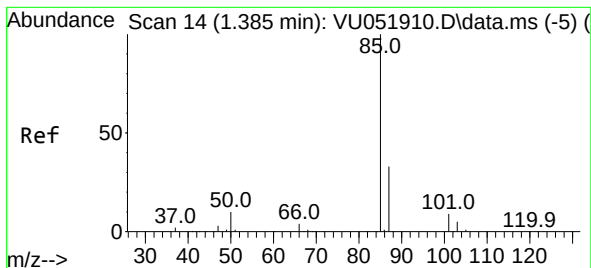
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112190	5.064	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.912	69	89723	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.568	65	40049	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.616	46	201309	50.128	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.260%
24) Chloroform-d	5.060	84	165534	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.700	65	85047	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	354922	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.687	67	113338	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.896	98	290323	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.179	79	35769	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.629	63	174941	51.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92483	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	102140	5.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	16554	0.838	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1899	0.114	ug/L #	35
12) 1,1-Dichloroethene	2.578	96	63056	3.816	ug/L	90
19) 1,1-Dichloroethane	3.870	63	7163	0.224	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	26731	1.438	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	20454	0.768	ug/L	97
34) Trichloroethene	6.539	95	466324	23.943	ug/L	99
35) Methylcyclohexane	6.690	83	25434	0.908	ug/L #	20
37) 1,2-Dichloropropane	6.793	63	2062	0.102	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2560	0.099	ug/L #	74
47) Tetrachloroethene	8.552	164	1903346	127.515	ug/L	99
49) Dibromochloromethane	8.552	129	1854188	108.968	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	10810	0.996	ug/L #	69

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

Instrument :
MSVOA_U
ClientSampleId :
BH1H9

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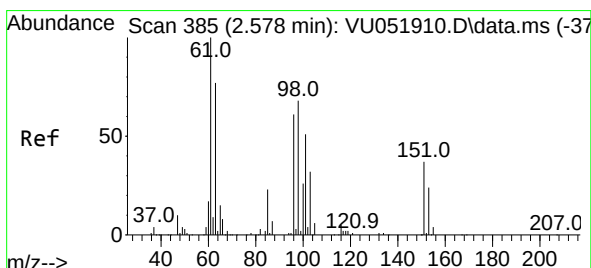
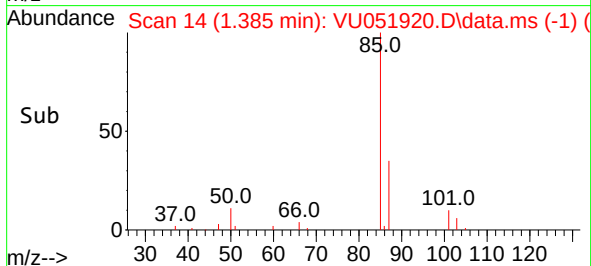
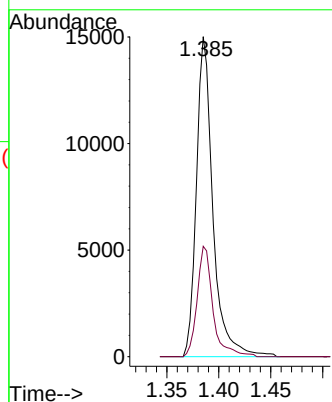
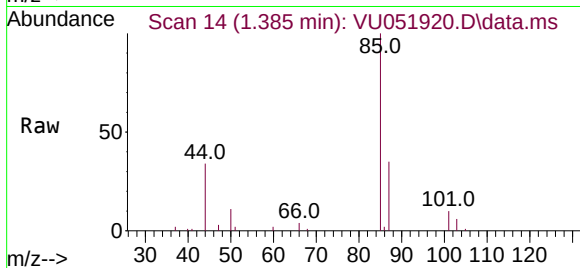




#2
Dichlorodifluoromethane
Concen: 0.838 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

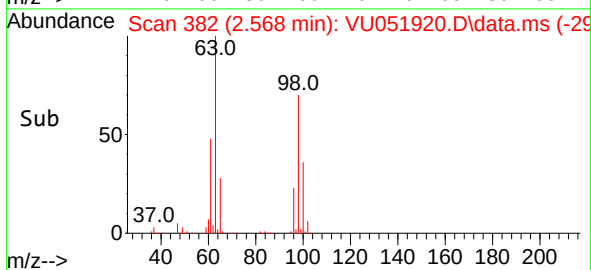
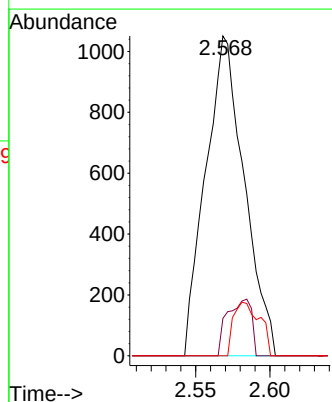
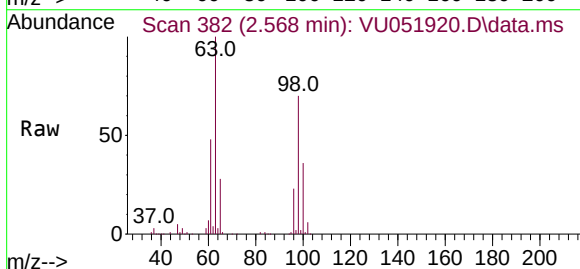
Instrument :
MSVOA_U
ClientSampleId :
BH1H9

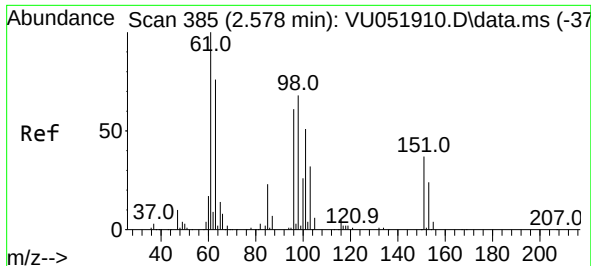
Tgt Ion: 85 Resp: 16554
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.114 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

Tgt Ion: 101 Resp: 1899
Ion Ratio Lower Upper
101 100
85 11.1 33.8 50.6#
151 11.3 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 3.816 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

BH1H9

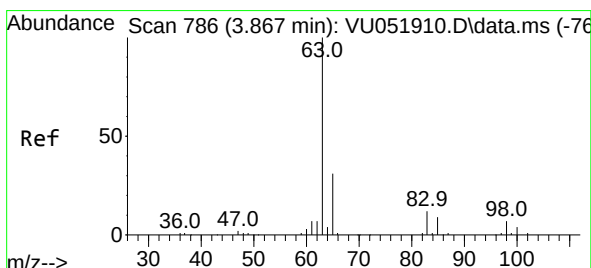
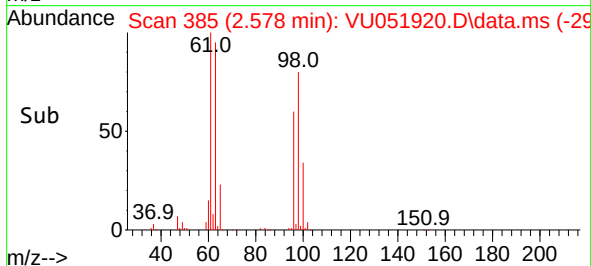
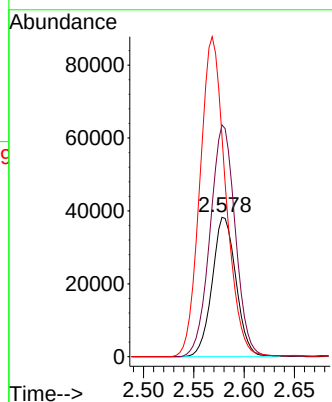
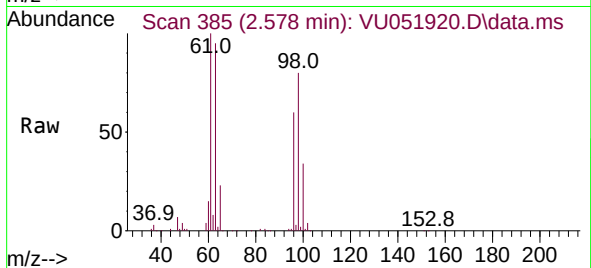
Tgt Ion: 96 Resp: 63056

Ion Ratio Lower Upper

96 100

61 166.3 114.8 213.2

63 158.4 93.7 174.1



#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

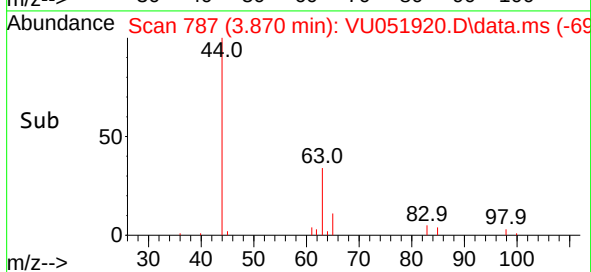
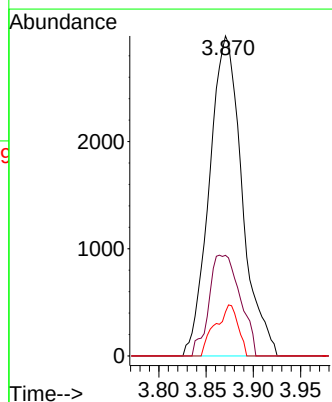
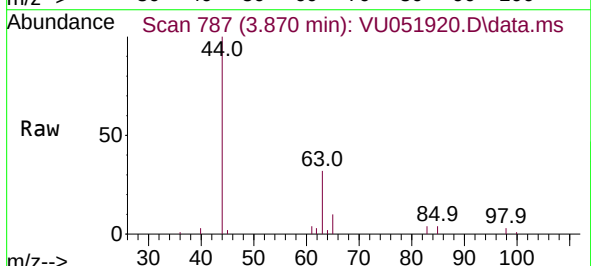
Tgt Ion: 63 Resp: 7163

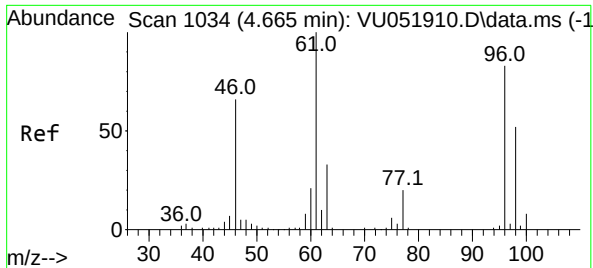
Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.7 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 1.438 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

BH1H9

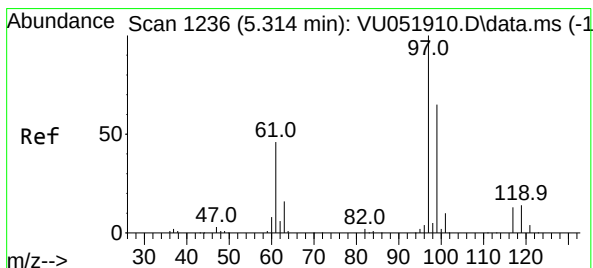
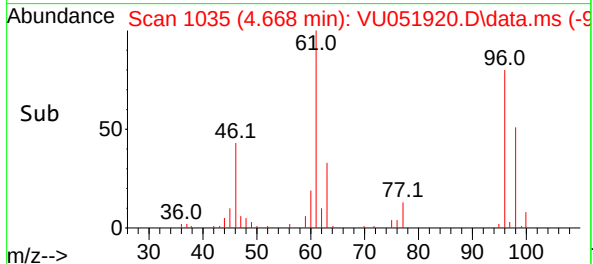
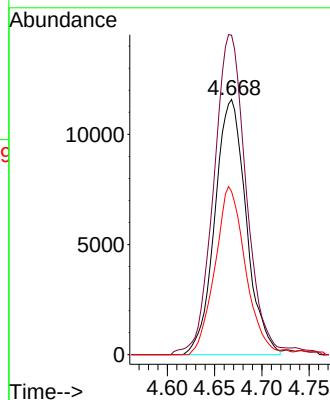
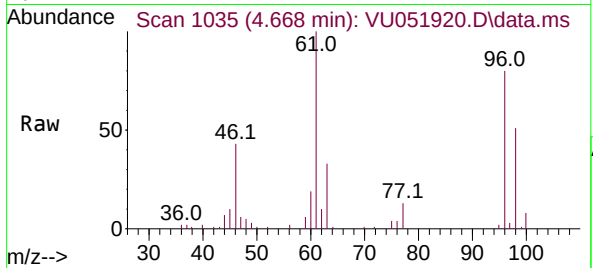
Tgt Ion: 96 Resp: 26731

Ion Ratio Lower Upper

96 100

61 125.2 85.1 158.1

98 63.9 42.8 79.6



#29

1,1,1-Trichloroethane

Concen: 0.768 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

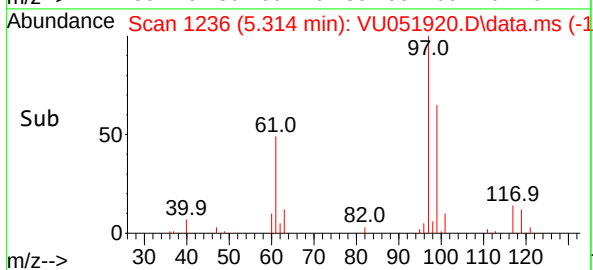
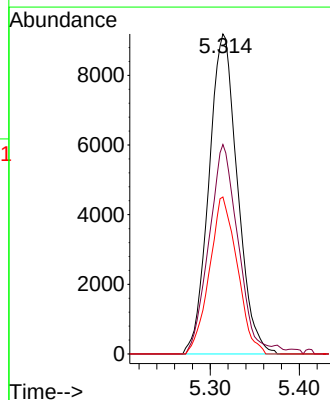
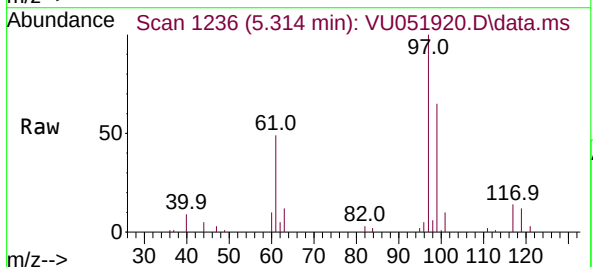
Tgt Ion: 97 Resp: 20454

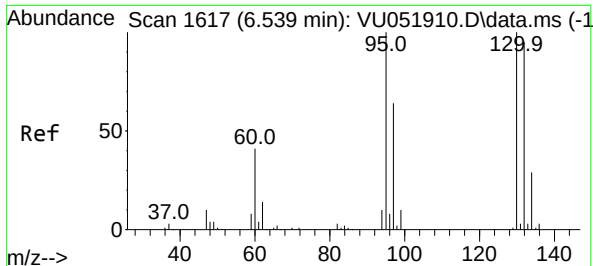
Ion Ratio Lower Upper

97 100

99 66.5 51.0 76.6

61 47.8 36.9 55.3

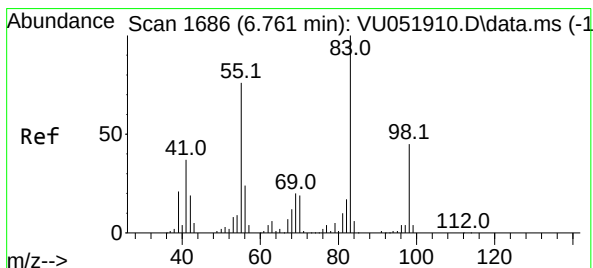
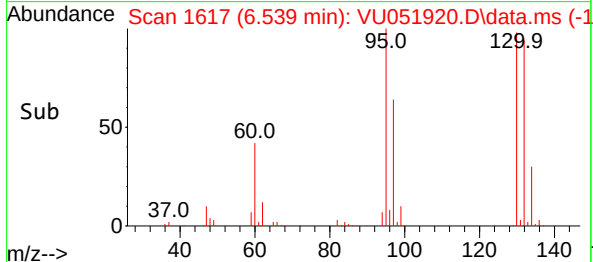
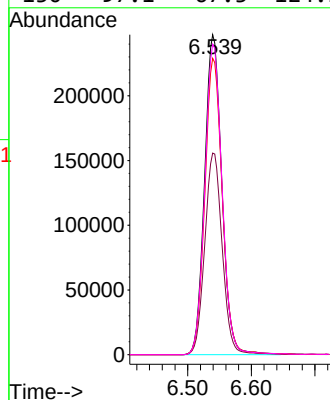
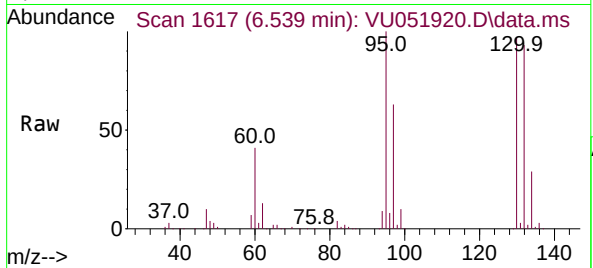




#34
Trichloroethene
Concen: 23.943 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

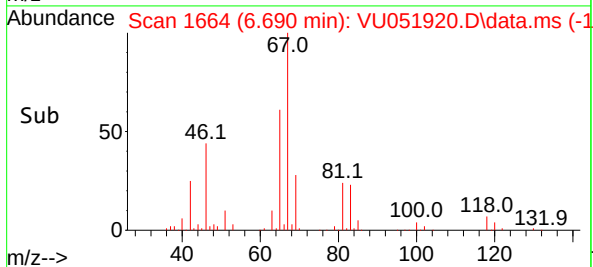
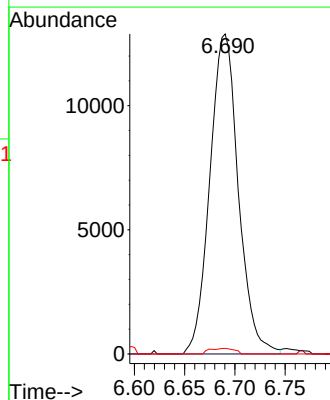
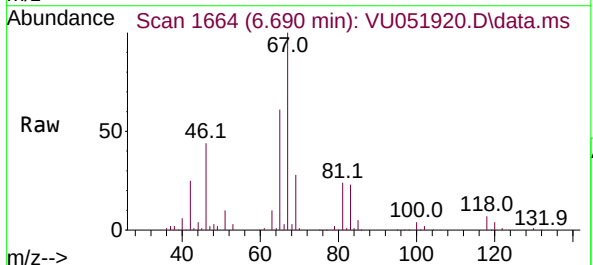
Instrument :
MSVOA_U
ClientSampleId :
BH1H9

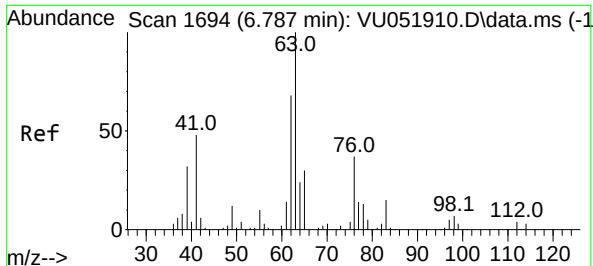
Tgt Ion: 95 Resp: 466324
Ion Ratio Lower Upper
95 100
97 63.0 43.7 81.1
132 92.6 64.3 119.3
130 97.1 67.3 124.9



#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

Tgt Ion: 83 Resp: 25434
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.5 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.102 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

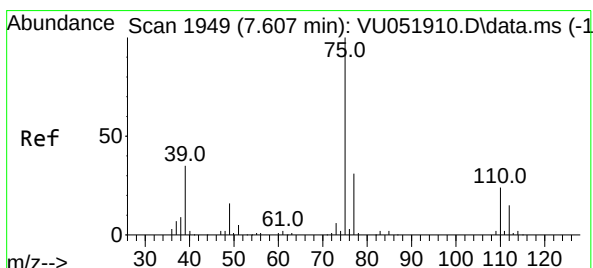
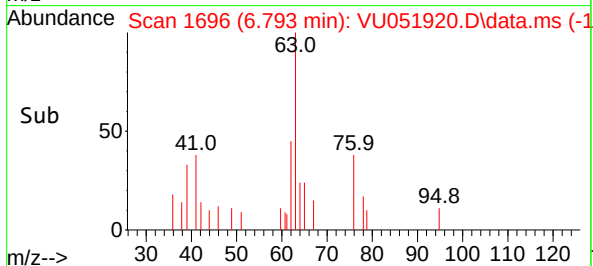
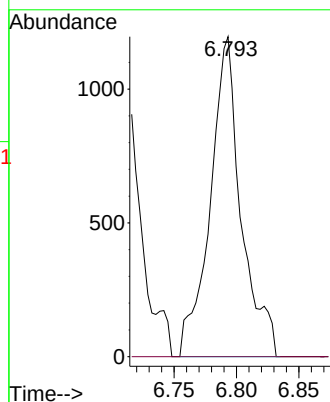
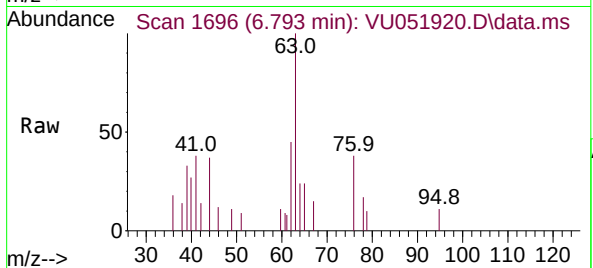
BH1H9

Tgt Ion: 63 Resp: 2062

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051920.D

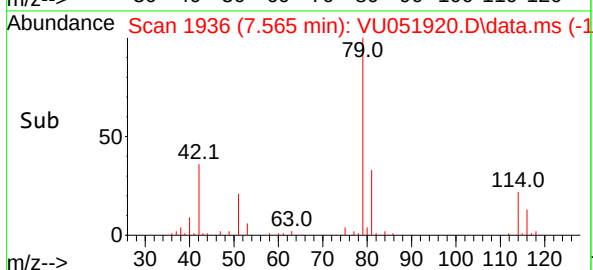
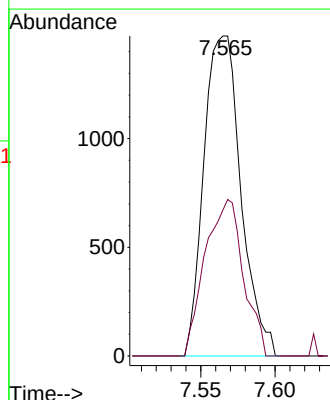
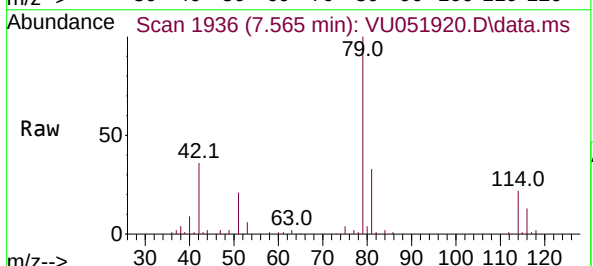
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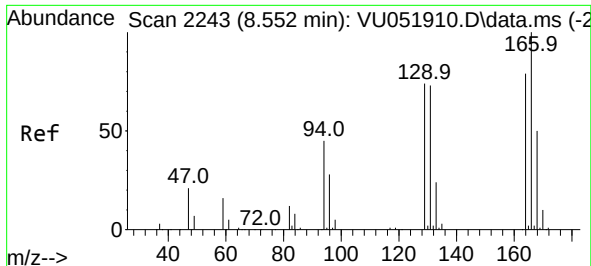
Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

75 100

77 45.6 22.0 40.8#





#47

Tetrachloroethene

Concen: 127.515 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

BH1H9

Tgt Ion:164 Resp: 1903346

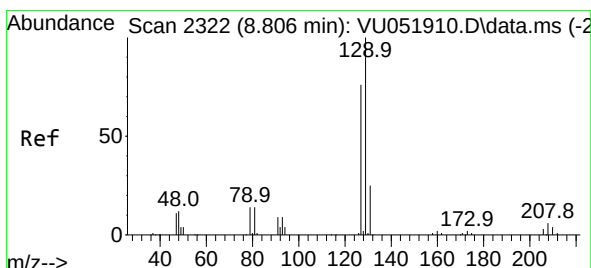
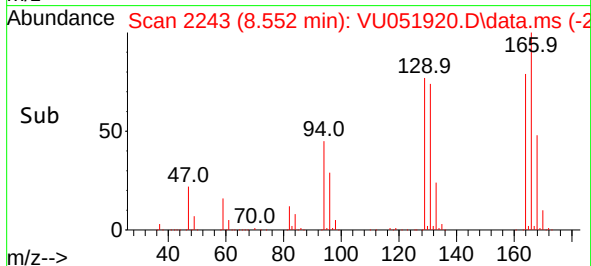
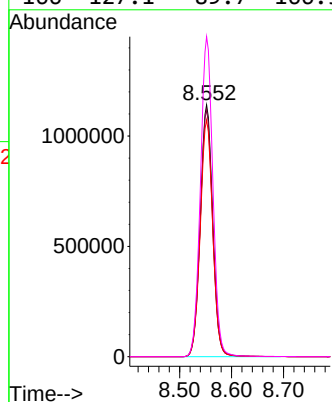
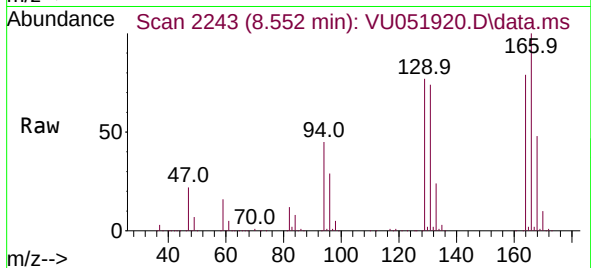
Ion Ratio Lower Upper

164 100

129 98.1 67.4 125.2

131 94.0 67.1 124.7

166 127.1 89.7 166.5



#49

Dibromochloromethane

Concen: 108.968 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051920.D

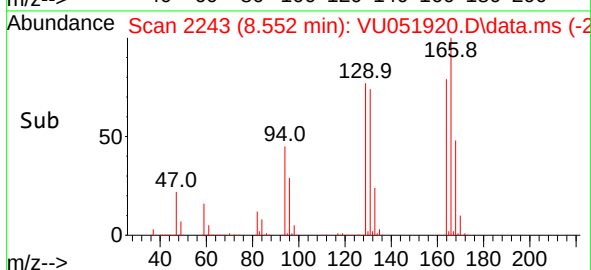
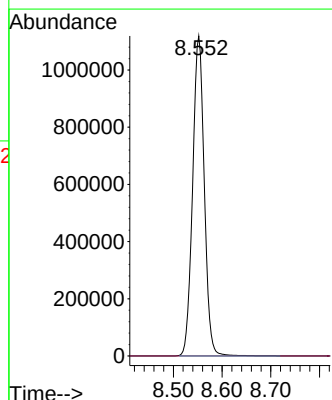
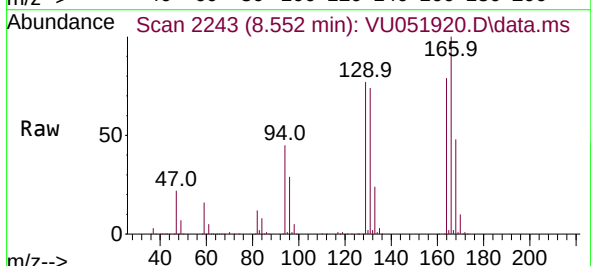
Acq: 18 Nov 2022 23:02

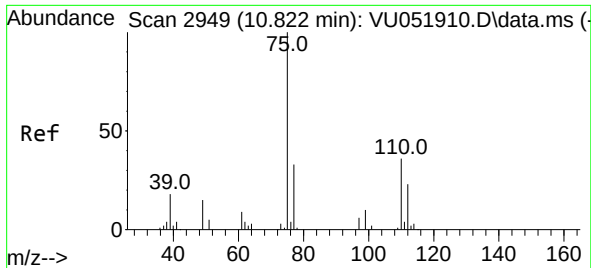
Tgt Ion:129 Resp: 1854188

Ion Ratio Lower Upper

129 100

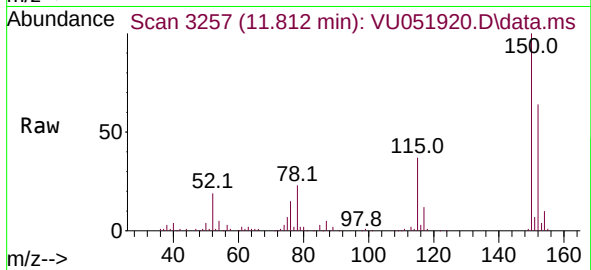
127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 0.996 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

Instrument :
MSVOA_U
ClientSampleId :
BH1H9



Tgt Ion:	75	Resp:	10810
Ion	Ratio	Lower	Upper
75	100		
110	1.1	28.3	42.5#
77	31.9	26.2	39.2

