

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051922.D
 Acq On : 18 Nov 2022 23:56
 Operator : JC/MD
 Sample : N5684-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J1

Quant Time: Nov 19 00:52:37 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)

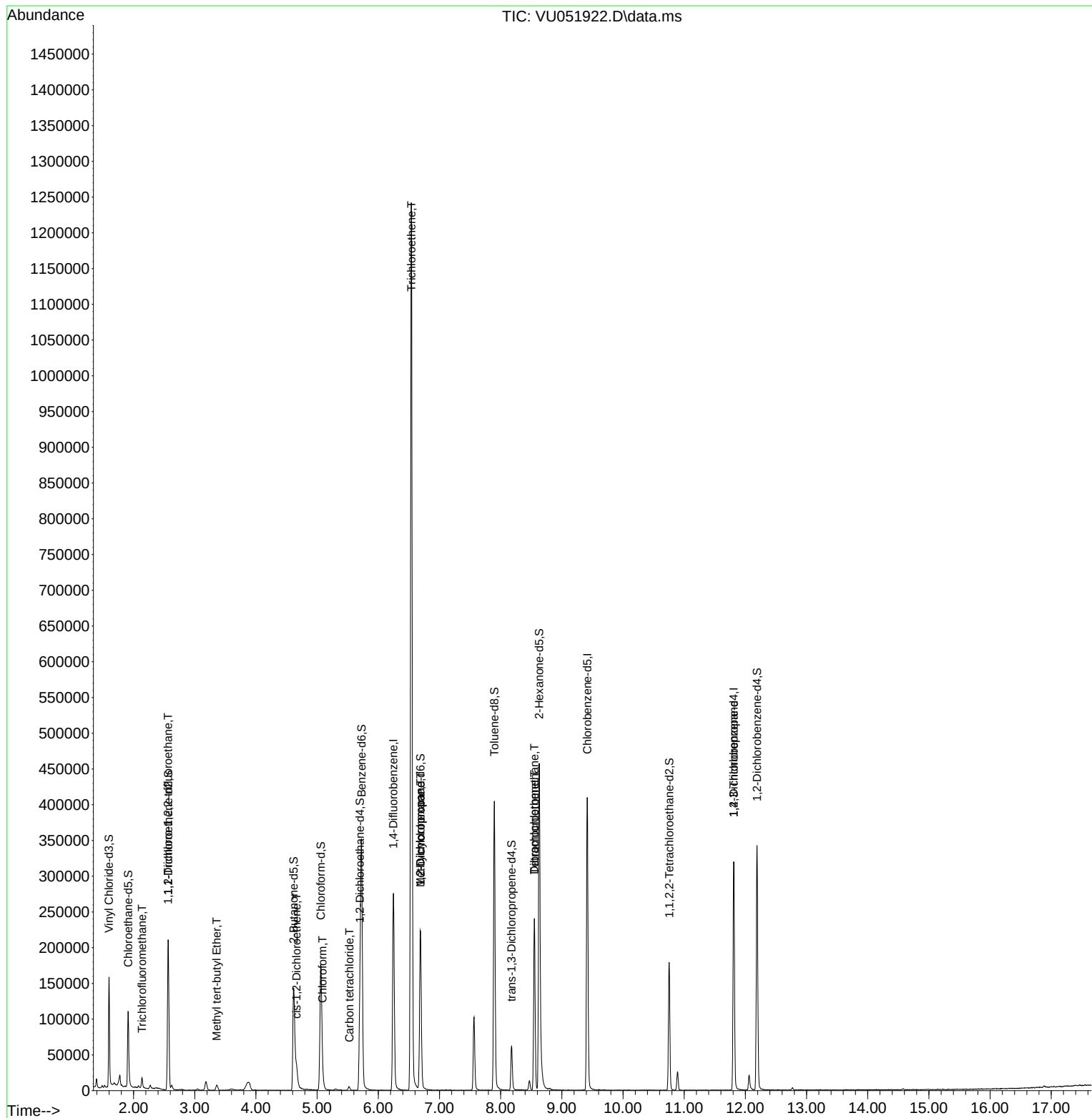
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	91154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	112856	4.980	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.912	69	89391	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.565	65	39828	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.616	46	200353	48.770	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.540%
24) Chloroform-d	5.060	84	165693	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.700	65	87962	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.726	84	349744	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.687	67	115160	5.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.896	98	285568	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.179	79	36308	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.629	63	157043	46.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.600%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93282	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	96413	5.524	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	9335	0.335	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	825	0.048	ug/L #	25
17) Methyl tert-butyl Ether	3.359	73	7243	0.191	ug/L #	75
22) cis-1,2-Dichloroethene	4.661	96	11799	0.621	ug/L	93
25) Chloroform	5.086	83	13324	0.403	ug/L	97
31) Carbon tetrachloride	5.526	117	3621	0.161	ug/L	99
34) Trichloroethene	6.539	95	440350	22.693	ug/L	99
35) Methylcyclohexane	6.690	83	25604	0.917	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11456	0.569	ug/L #	88
47) Tetrachloroethene	8.552	164	55701	3.745	ug/L	96
49) Dibromochloromethane	8.552	129	53579	3.160	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10412	0.998	ug/L #	68

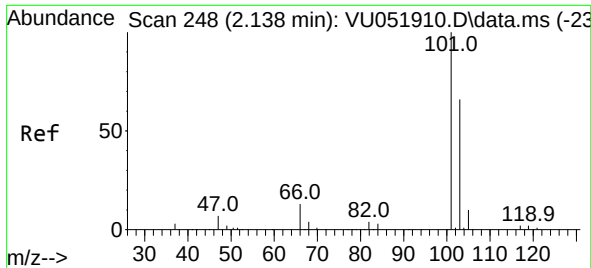
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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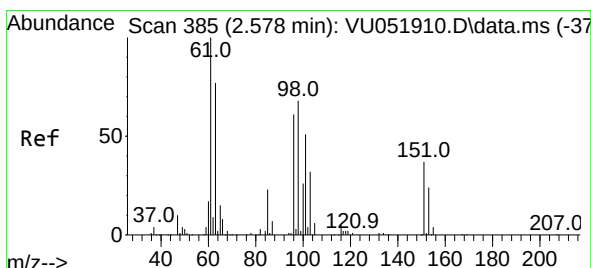
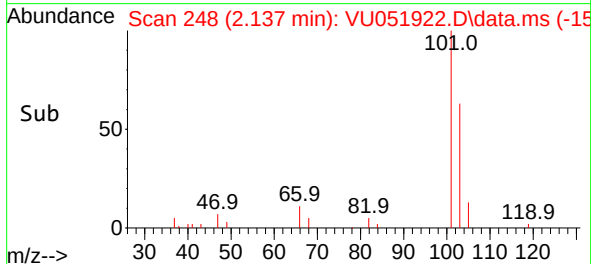
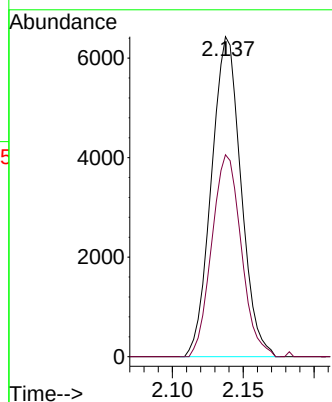
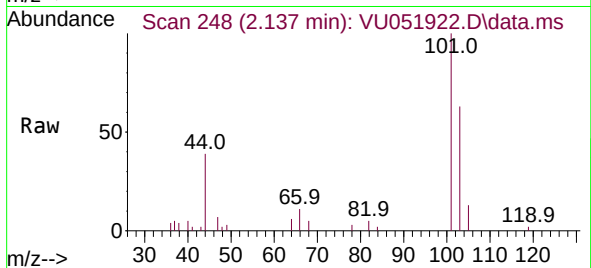




#9
Trichlorofluoromethane
Concen: 0.335 ug/L
RT: 2.137 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

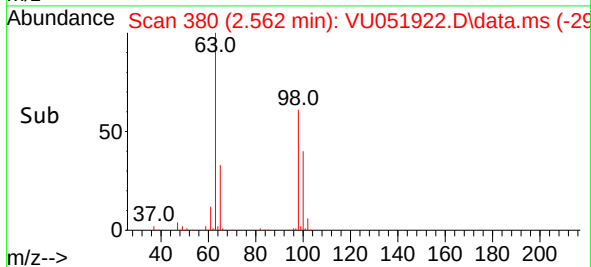
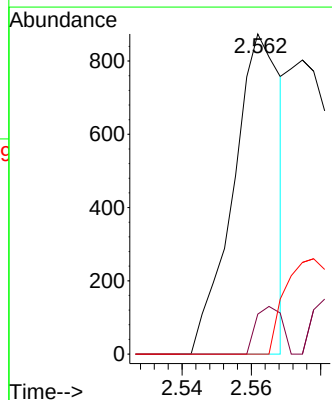
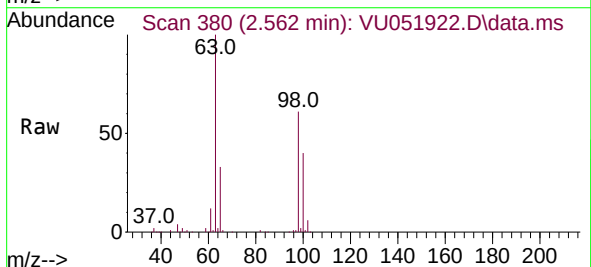
Instrument :
MSVOA_U
ClientSampleId :
BH1J1

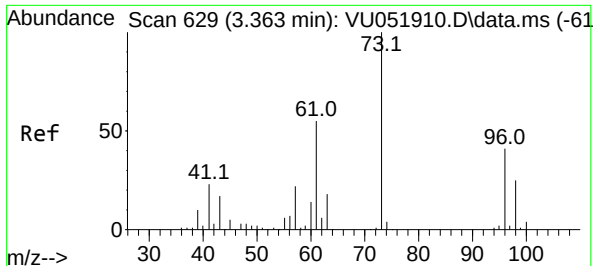
Tgt Ion:101 Resp: 9335
Ion Ratio Lower Upper
101 100
103 62.8 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

Tgt Ion:101 Resp: 825
Ion Ratio Lower Upper
101 100
85 8.2 33.8 50.6#
151 0.0 58.6 88.0#





#17

Methyl tert-butyl Ether

Concen: 0.191 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051922.D

Acq: 18 Nov 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :

BH1J1

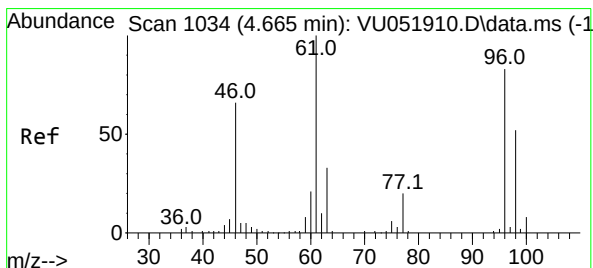
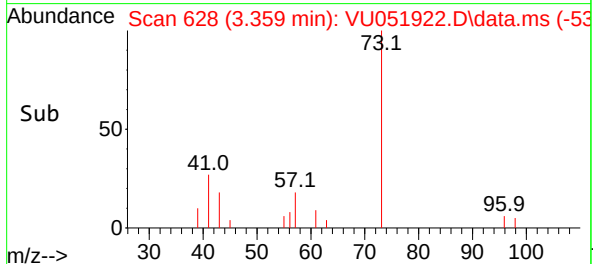
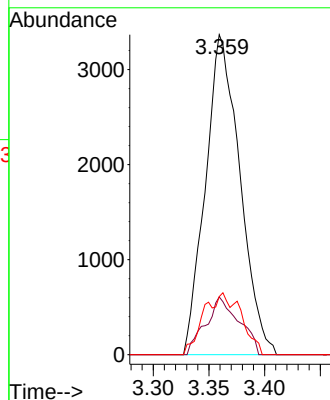
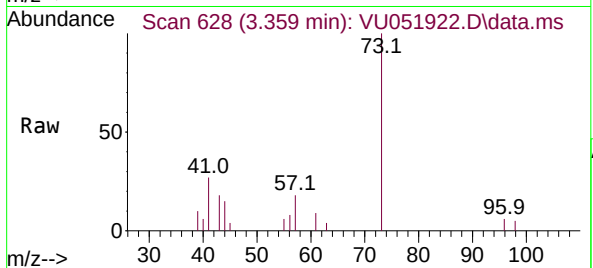
Tgt Ion: 73 Resp: 7243

Ion Ratio Lower Upper

73 100

43 17.5 13.2 19.8

57 2.1 17.8 26.8#



#22

cis-1,2-Dichloroethene

Concen: 0.621 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051922.D

Acq: 18 Nov 2022 23:56

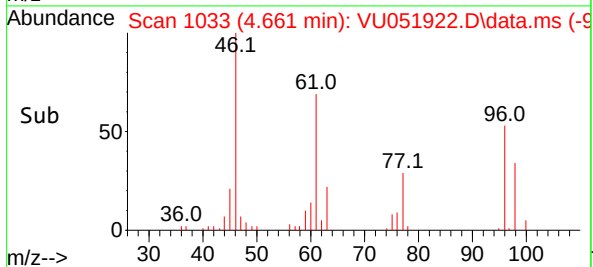
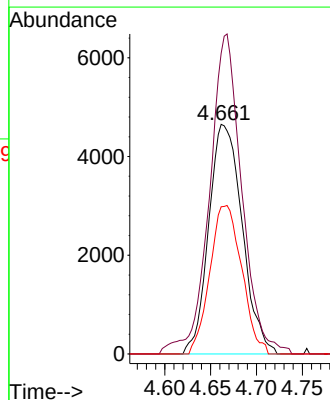
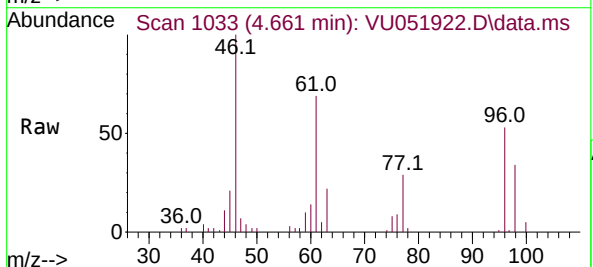
Tgt Ion: 96 Resp: 11799

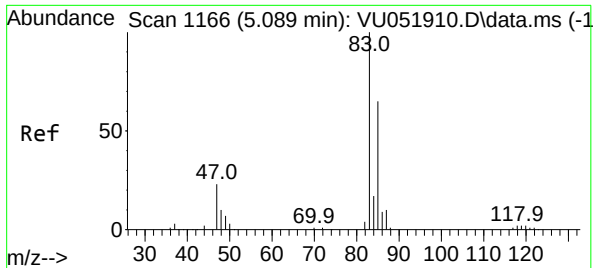
Ion Ratio Lower Upper

96 100

61 131.0 85.1 158.1

98 64.1 42.8 79.6





#25

Chloroform

Concen: 0.403 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051922.D

Acq: 18 Nov 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :

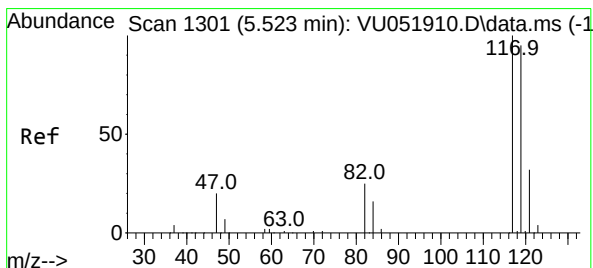
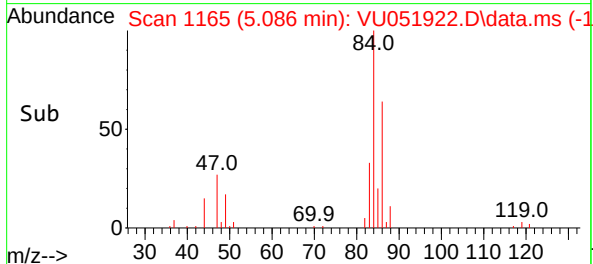
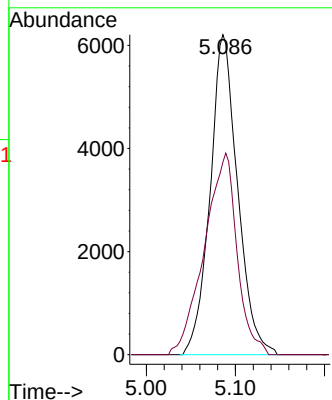
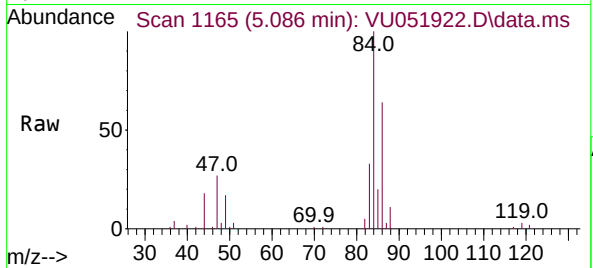
BH1J1

Tgt Ion: 83 Resp: 13324

Ion Ratio Lower Upper

83 100

85 60.2 43.8 81.4



#31

Carbon tetrachloride

Concen: 0.161 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU051922.D

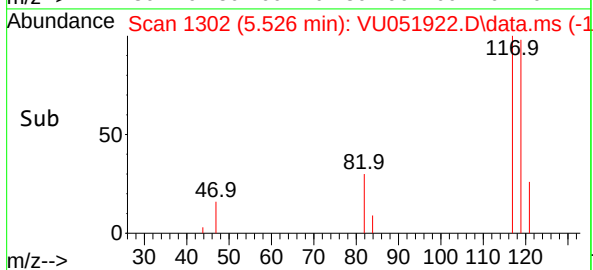
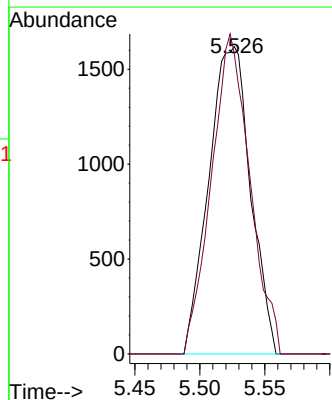
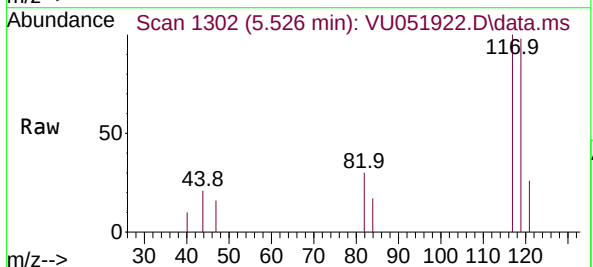
Acq: 18 Nov 2022 23:56

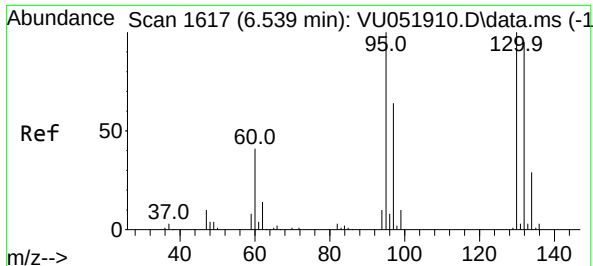
Tgt Ion: 117 Resp: 3621

Ion Ratio Lower Upper

117 100

119 95.9 77.2 115.8

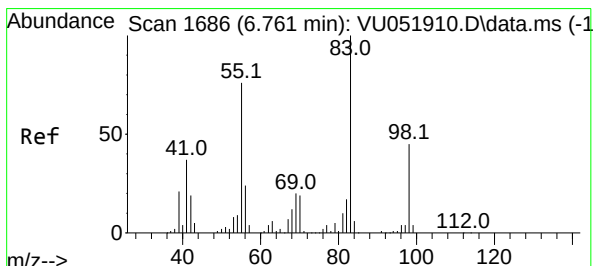
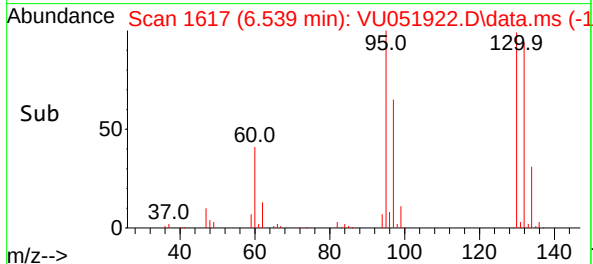
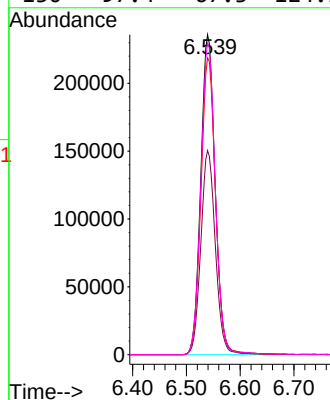
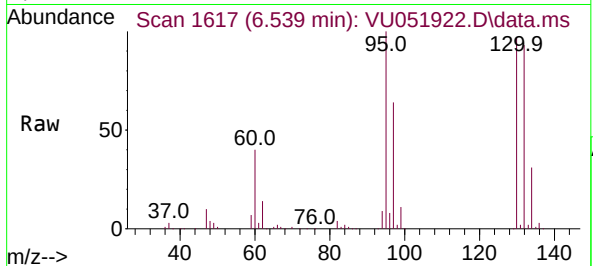




#34
Trichloroethene
Concen: 22.693 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

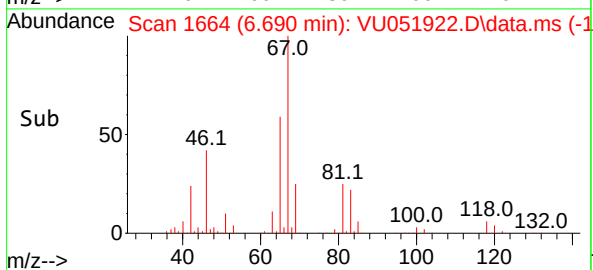
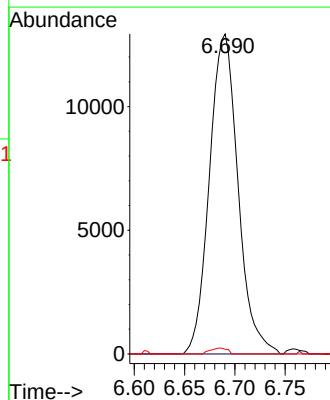
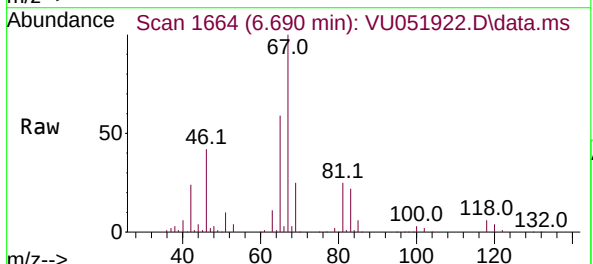
Instrument :
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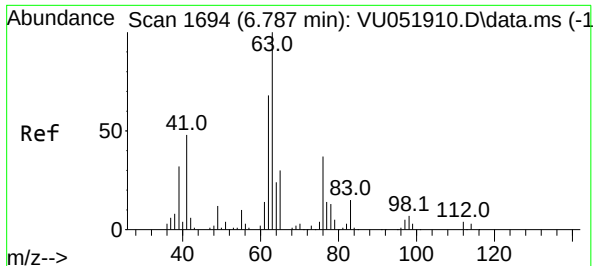
Tgt Ion: 95 Resp: 440350
Ion Ratio Lower Upper
95 100
97 63.8 43.7 81.1
132 92.7 64.3 119.3
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.917 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

Tgt Ion: 83 Resp: 25604
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 0.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051922.D

Acq: 18 Nov 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :

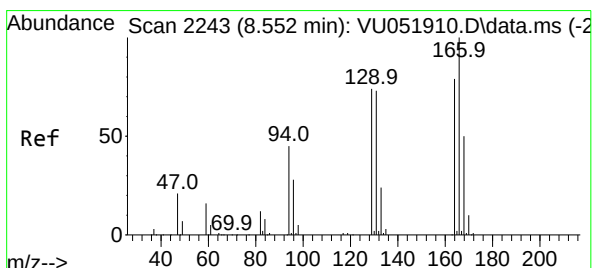
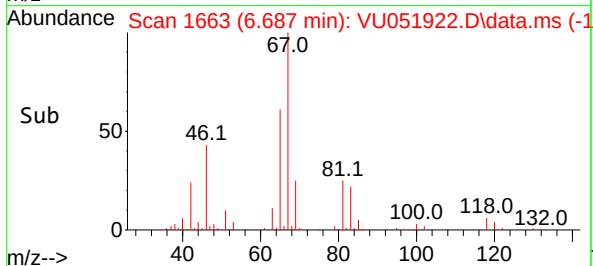
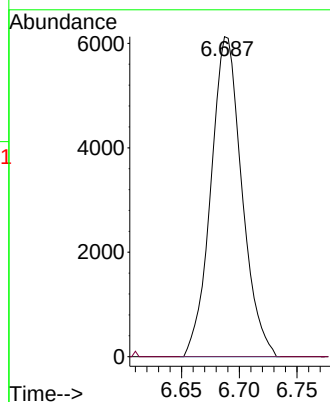
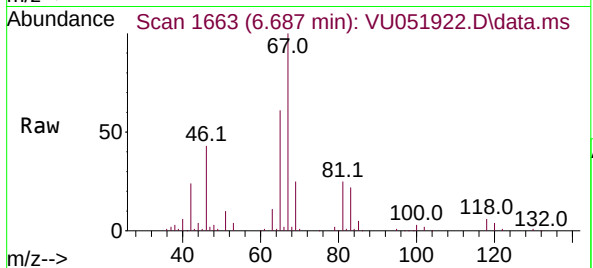
BH1J1

Tgt Ion: 63 Resp: 11456

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 3.745 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051922.D

Acq: 18 Nov 2022 23:56

Tgt Ion: 164 Resp: 55701

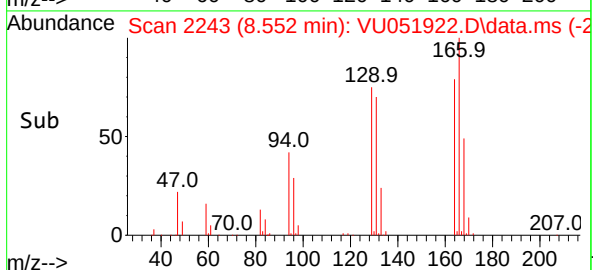
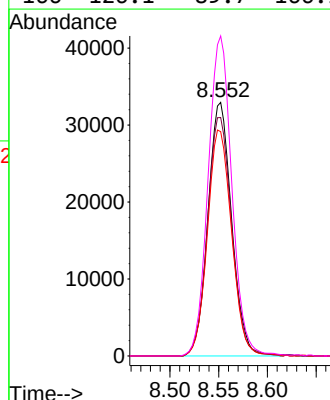
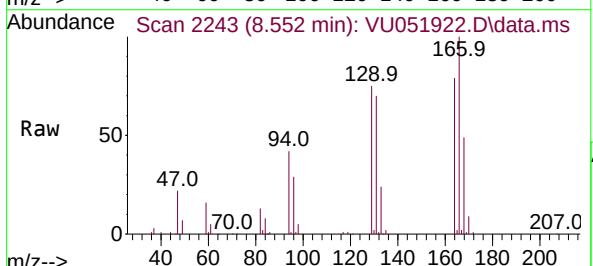
Ion Ratio Lower Upper

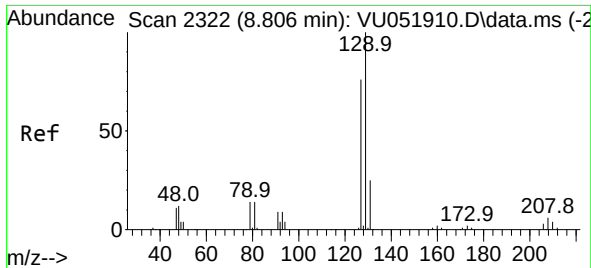
164 100

129 94.0 67.4 125.2

131 88.4 67.1 124.7

166 126.1 89.7 166.5

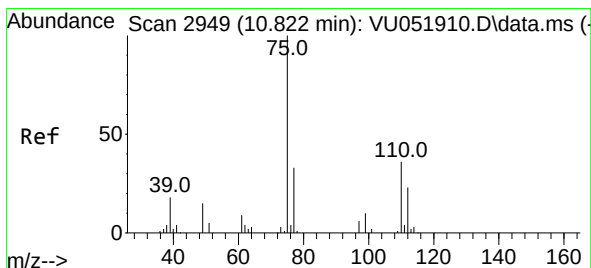
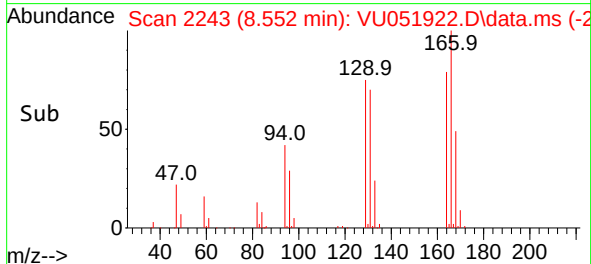
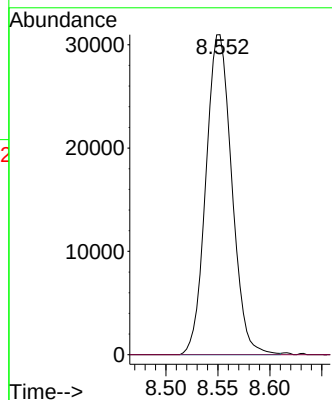
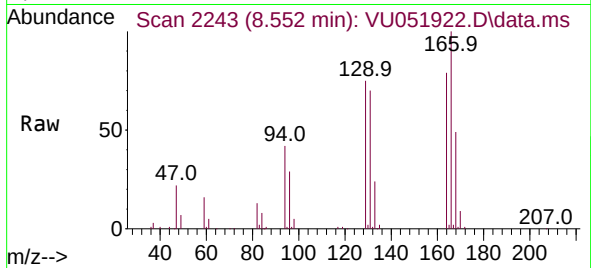




#49
Dibromochloromethane
Concen: 3.160 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

Instrument :
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Tgt Ion:129 Resp: 53579
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 0.998 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051922.D
Acq: 18 Nov 2022 23:56

Tgt Ion: 75 Resp: 10412
Ion Ratio Lower Upper
75 100
110 0.8 28.3 42.5#
77 30.9 26.2 39.2

