

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051914.D
 Acq On : 18 Nov 2022 20:19
 Operator : JC/MD
 Sample : N5684-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H3

Quant Time: Nov 19 00:49:47 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)

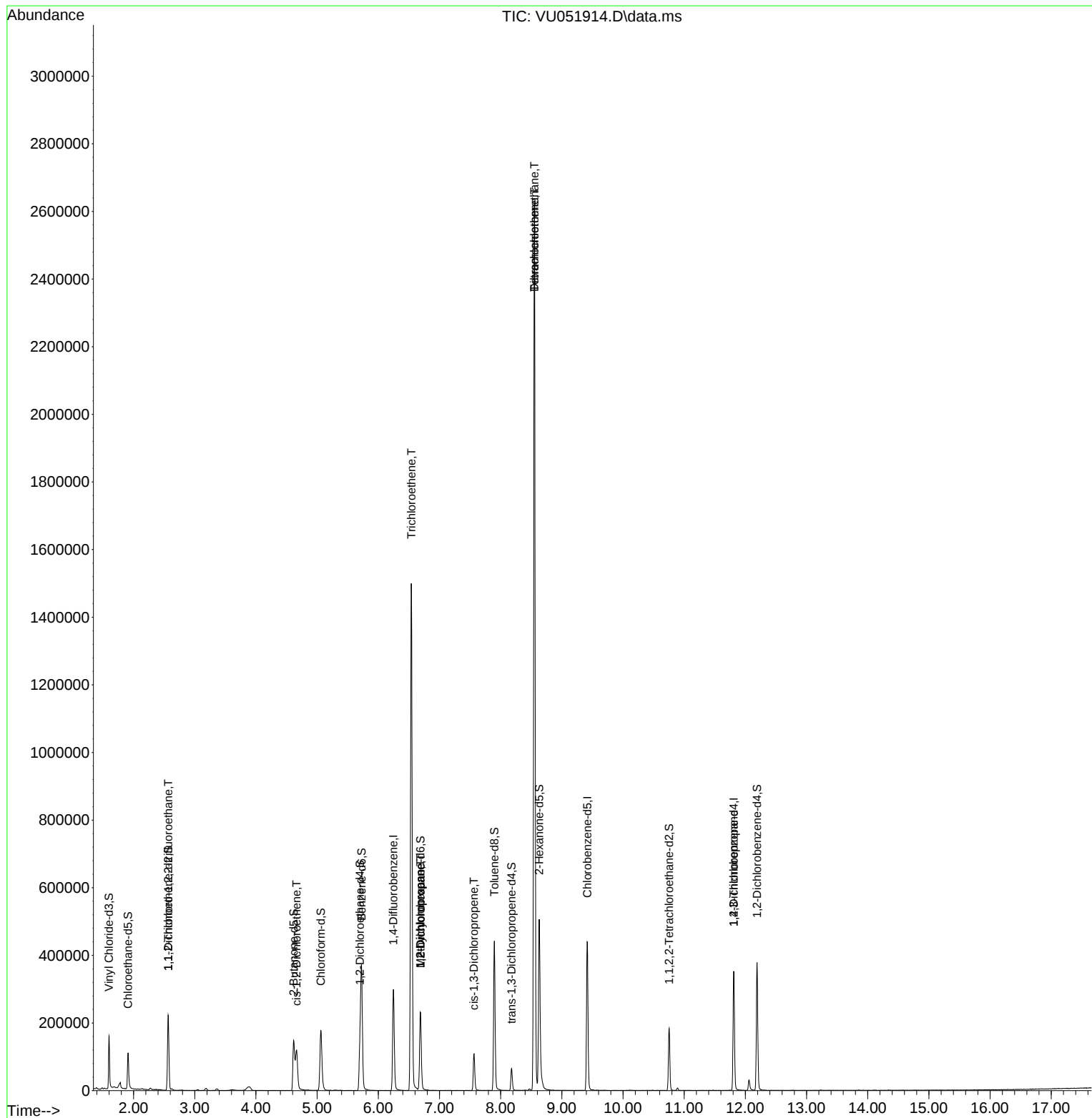
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	253947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	119366	4.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.909	69	93777	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.565	65	40811	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.617	46	208273	46.887	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	5.060	84	170171	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.700	65	90040	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.726	84	369150	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.687	67	118430	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	301813	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	37838	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.629	63	176929	49.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94815	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	102164	5.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1566	0.085	ug/L #	26
22) cis-1,2-Dichloroethene	4.665	96	60042	2.920	ug/L	95
34) Trichloroethene	6.539	95	531081	25.763	ug/L	99
35) Methylcyclohexane	6.687	83	27215	0.918	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	12145	0.568	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2602	0.095	ug/L #	59
47) Tetrachloroethene	8.552	164	591753	37.457	ug/L	99
49) Dibromochloromethane	8.552	129	572546	31.791	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	12210	1.079	ug/L #	66

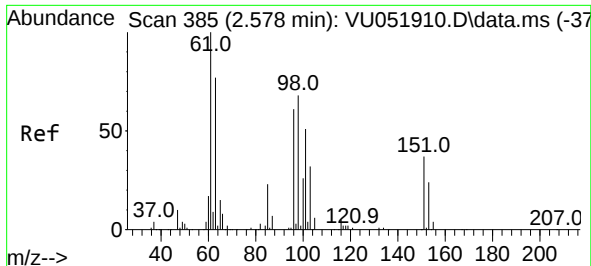
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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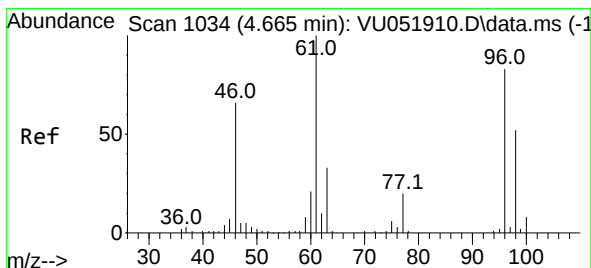
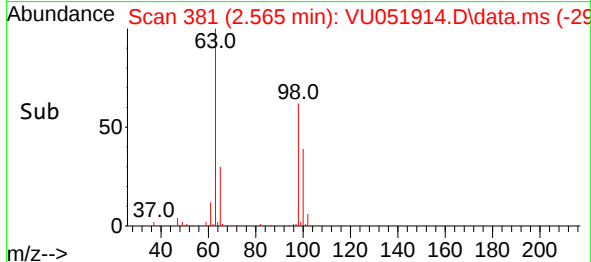
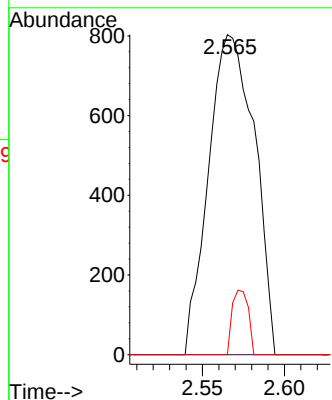
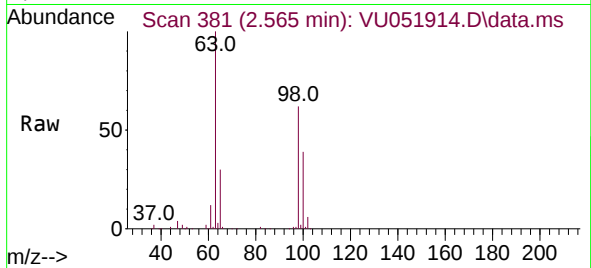




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.085 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

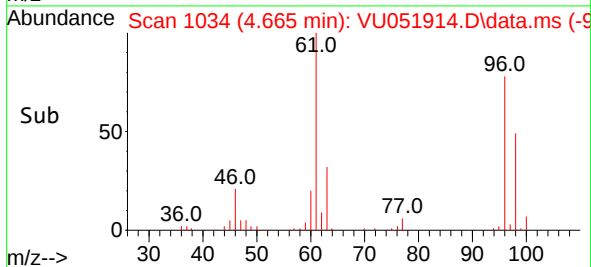
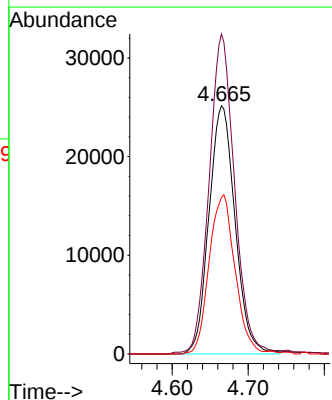
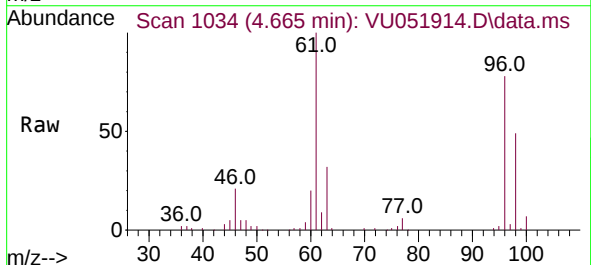
Instrument :
MSVOA_U
ClientSampleId :
BH1H3

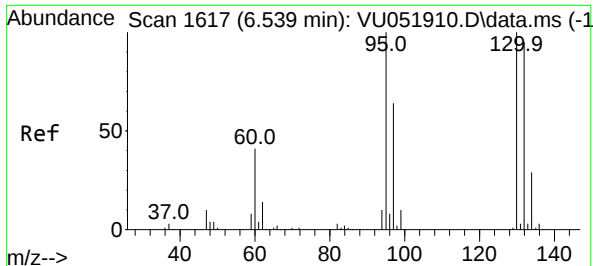
Tgt Ion:101 Resp: 1566
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 7.0 58.6 88.0#



#22
cis-1,2-Dichloroethene
Concen: 2.920 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

Tgt Ion: 96 Resp: 60042
Ion Ratio Lower Upper
96 100
61 128.9 85.1 158.1
98 63.1 42.8 79.6

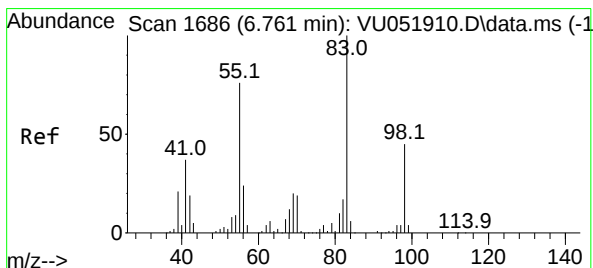
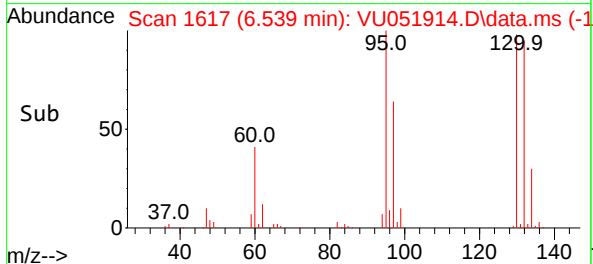
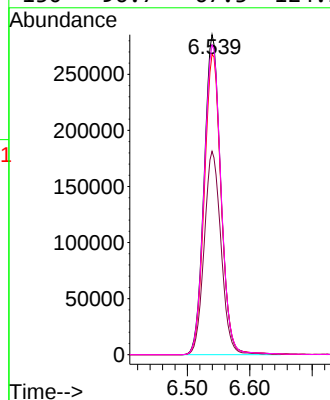
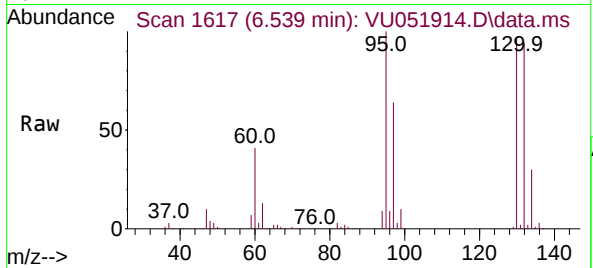




#34
Trichloroethene
Concen: 25.763 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

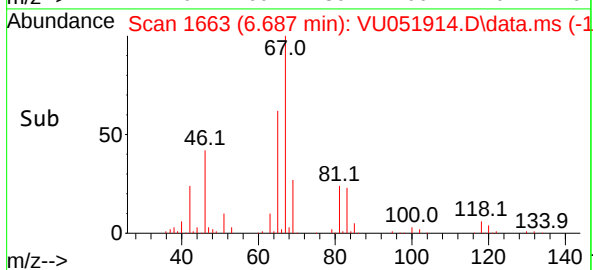
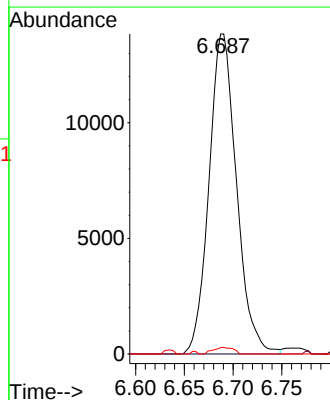
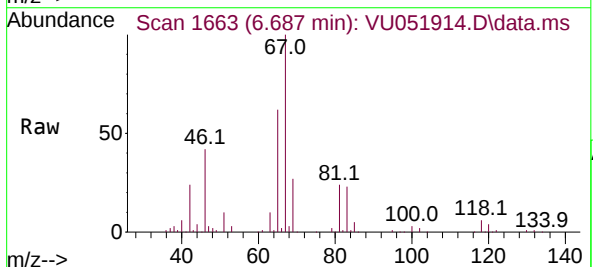
Instrument :
MSVOA_U
ClientSampleId :
BH1H3

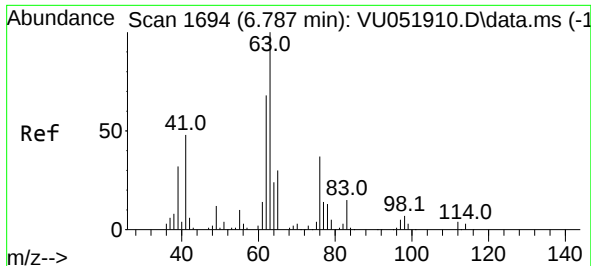
Tgt Ion: 95 Resp: 531081
Ion Ratio Lower Upper
95 100
97 63.6 43.7 81.1
132 93.8 64.3 119.3
130 96.7 67.3 124.9



#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

Tgt Ion: 83 Resp: 27215
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 1.5 35.1 52.7#

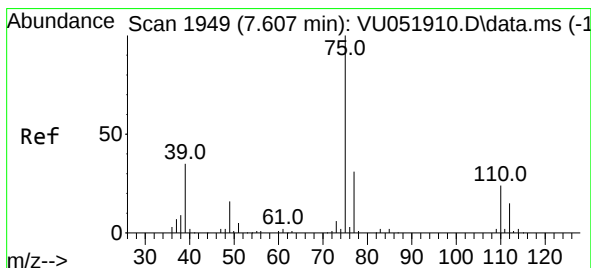
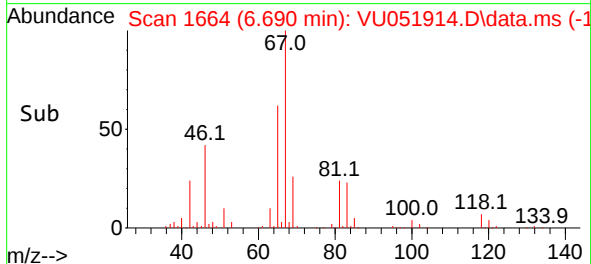
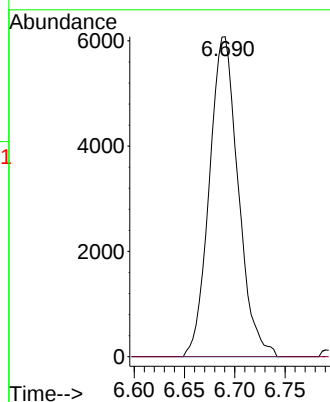
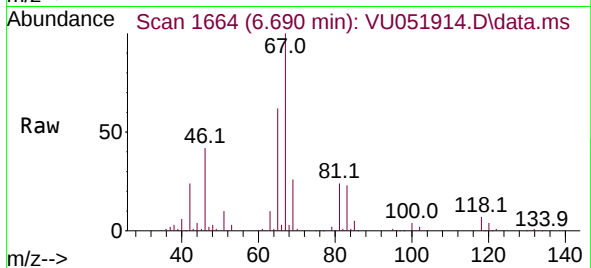




#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

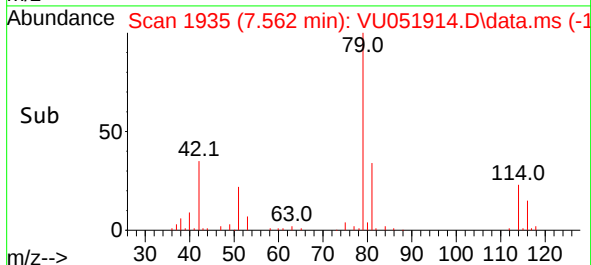
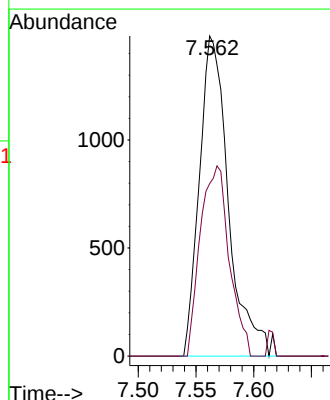
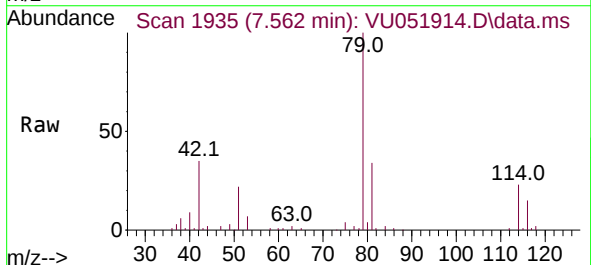
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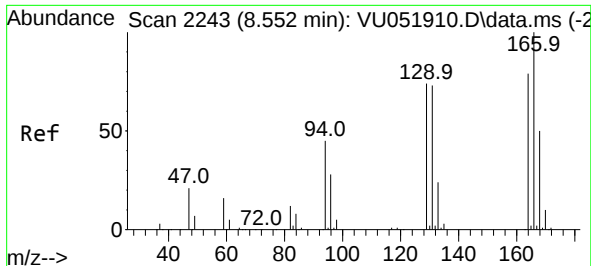
Tgt Ion: 63 Resp: 12145
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

Tgt Ion: 75 Resp: 2602
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#

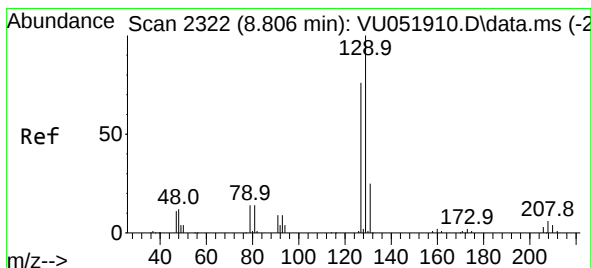
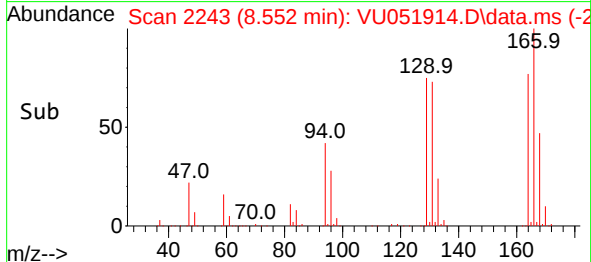
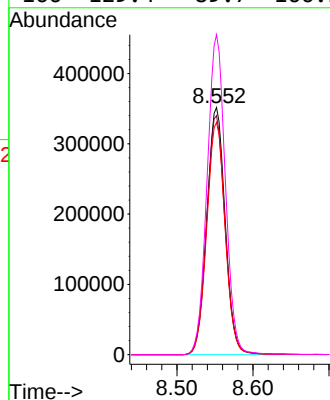
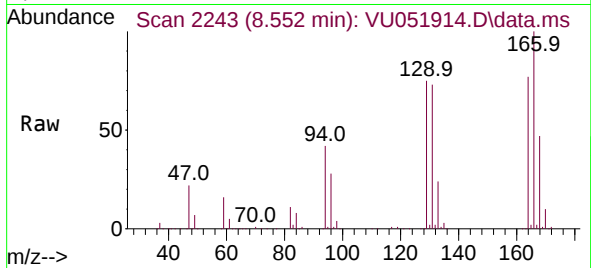




#47
Tetrachloroethene
Concen: 37.457 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

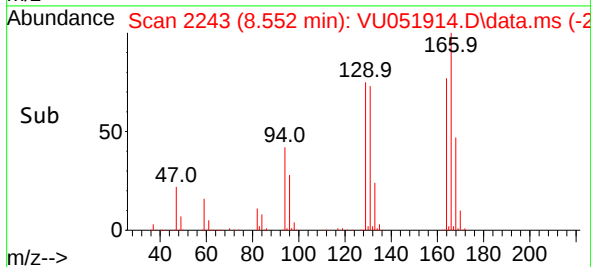
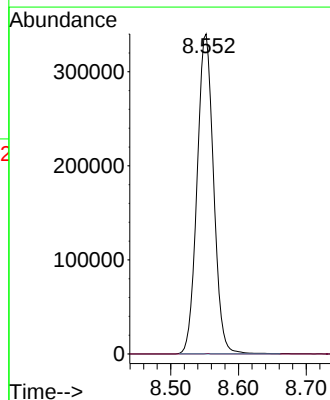
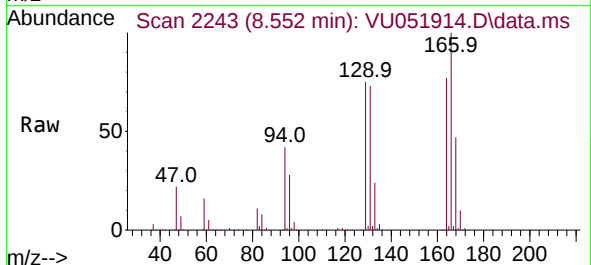
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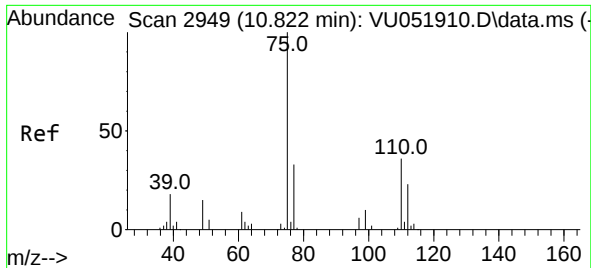
Tgt Ion:164 Resp: 591753
Ion Ratio Lower Upper
164 100
129 96.7 67.4 125.2
131 94.0 67.1 124.7
166 129.4 89.7 166.5



#49
Dibromochloromethane
Concen: 31.791 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051914.D
Acq: 18 Nov 2022 20:19

Tgt Ion:129 Resp: 572546
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.079 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051914.D
 Acq: 18 Nov 2022 20:19

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 12210
 Ion Ratio Lower Upper
 75 100
 110 2.0 28.3 42.5#
 77 28.1 26.2 39.2

