

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051916.D
 Acq On : 18 Nov 2022 21:14
 Operator : JC/MD
 Sample : N5684-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

Quant Time: Nov 19 00:50:19 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)

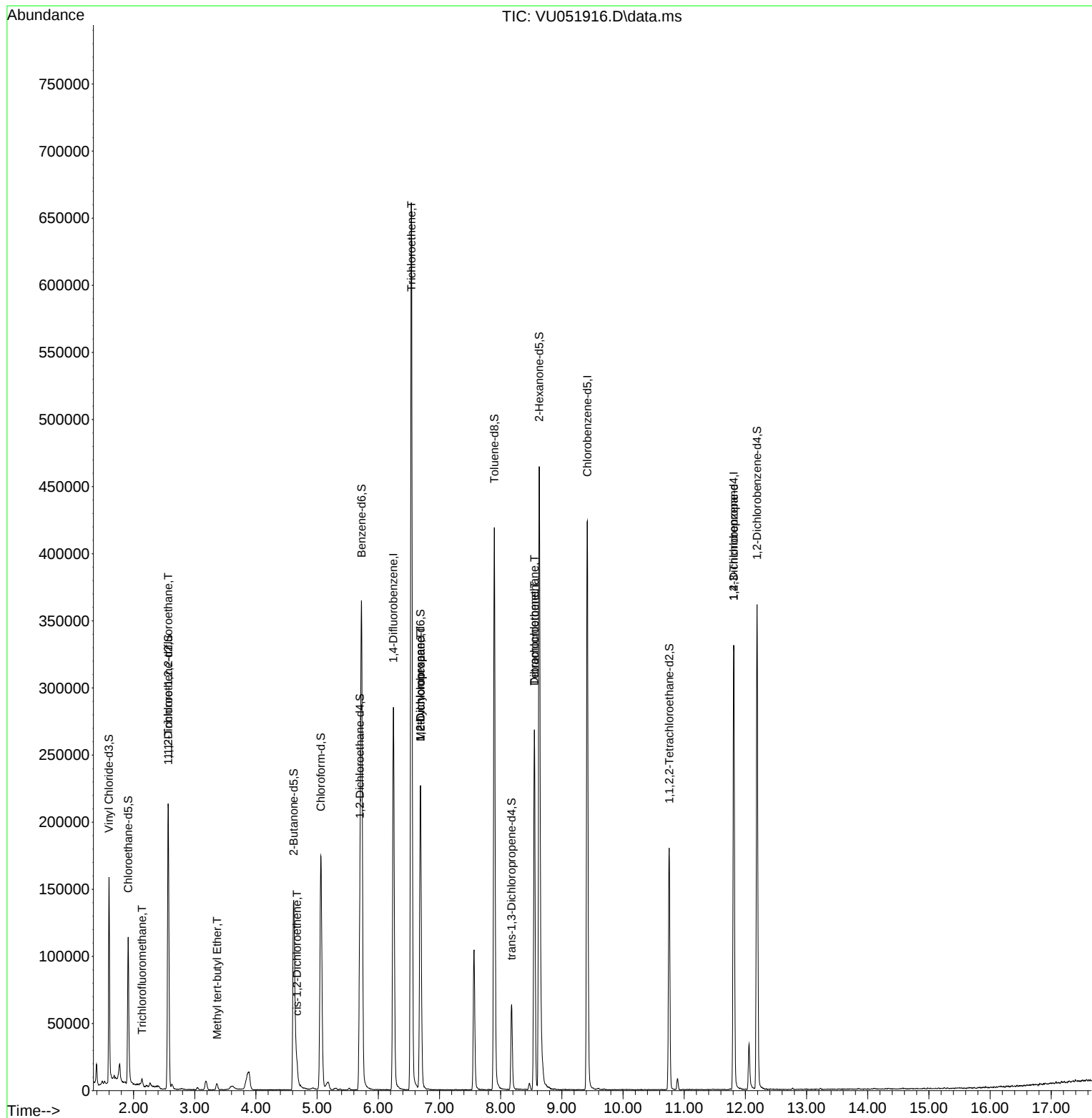
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	236666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	114491	4.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.912	69	90965	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.565	65	41323	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.616	46	204446	48.995	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.060	84	165351	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.700	65	87028	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.726	84	361016	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.690	67	116004	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.896	98	289724	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.179	79	37737	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.629	63	163351	46.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94590	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	99441	5.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	2843	0.100	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1350	0.078	ug/L #	34
17) Methyl tert-butyl Ether	3.366	73	4542	0.118	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	6087	0.315	ug/L	93
34) Trichloroethene	6.539	95	235527	11.759	ug/L	98
35) Methylcyclohexane	6.690	83	26775	0.929	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11257	0.541	ug/L #	88
47) Tetrachloroethene	8.552	164	62428	4.067	ug/L	99
49) Dibromochloromethane	8.552	129	60077	3.433	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10720	1.002	ug/L #	68

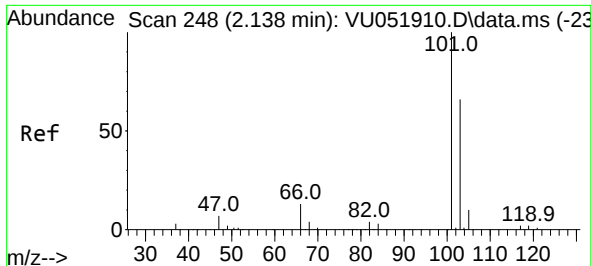
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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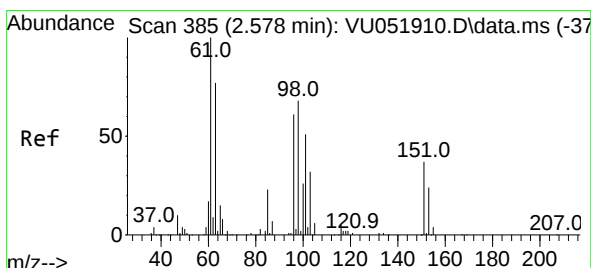
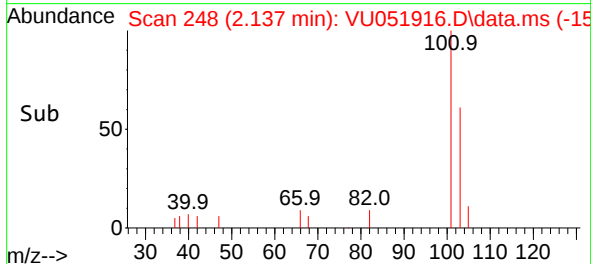
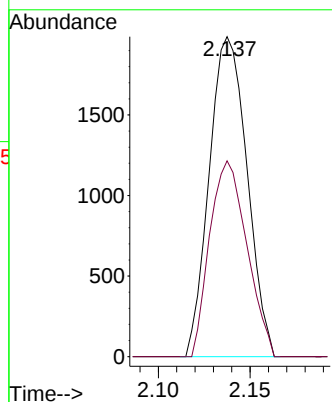
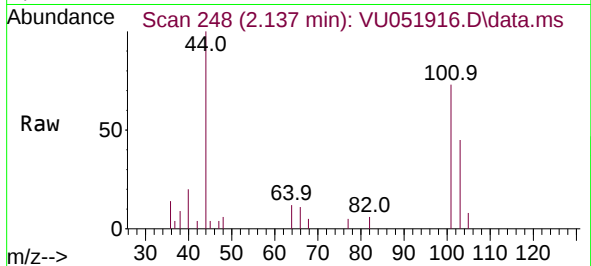




#9
Trichlorofluoromethane
Concen: 0.100 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

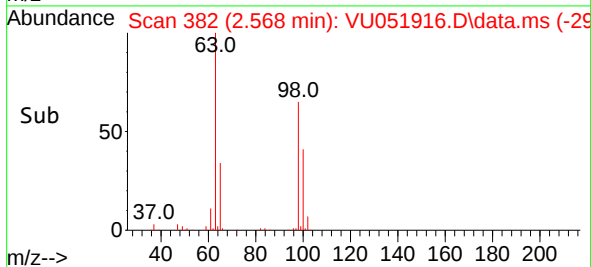
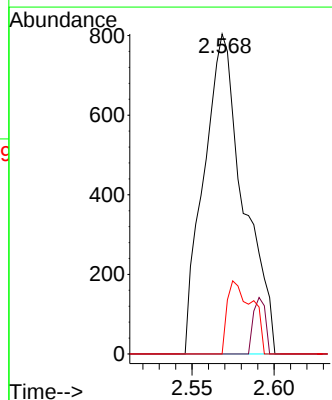
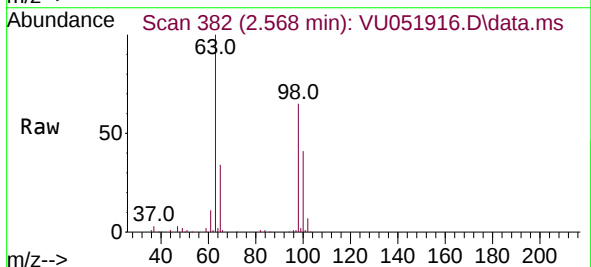
Instrument :
MSVOA_U
ClientSampleId :
BH1H5

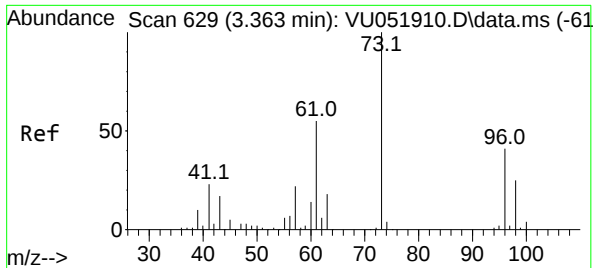
Tgt Ion:101 Resp: 2843
Ion Ratio Lower Upper
101 100
103 60.1 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

Tgt Ion:101 Resp: 1350
Ion Ratio Lower Upper
101 100
85 5.3 33.8 50.6#
151 14.3 58.6 88.0#

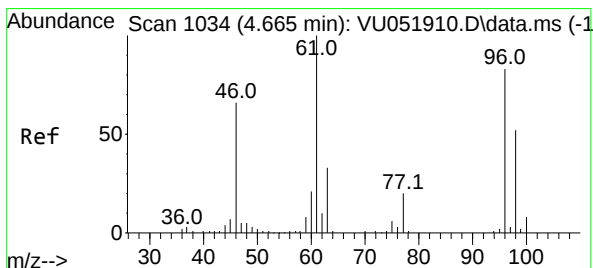
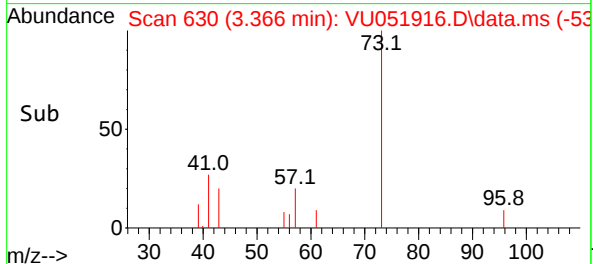
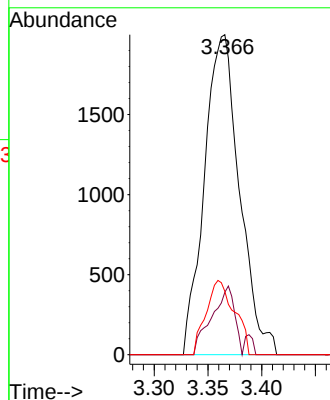
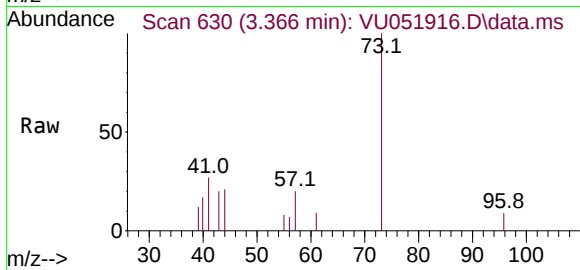




#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

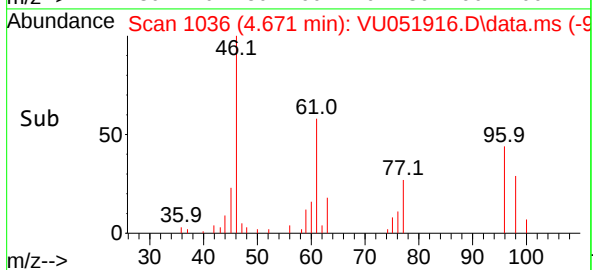
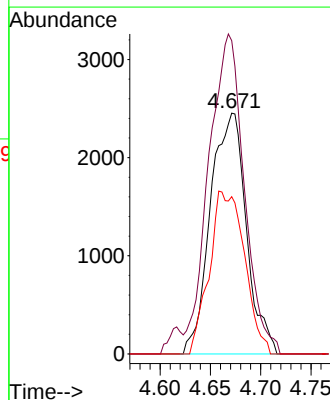
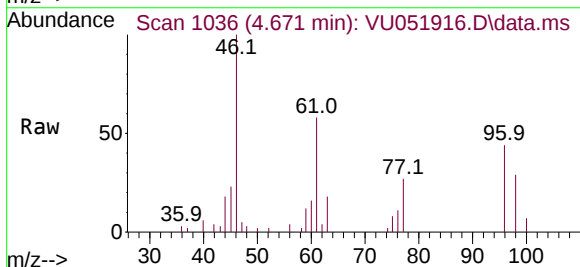
Instrument :
MSVOA_U
ClientSampleId :
BH1H5

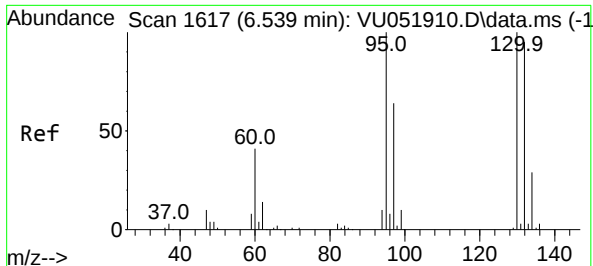
Tgt Ion: 73	Resp:	4542
Ion	Ratio	Lower Upper
73	100	
43	13.9	13.2 19.8
57	18.7	17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.315 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

Tgt Ion: 96	Resp:	6087
Ion	Ratio	Lower Upper
96	100	
61	130.1	85.1 158.1
98	65.3	42.8 79.6

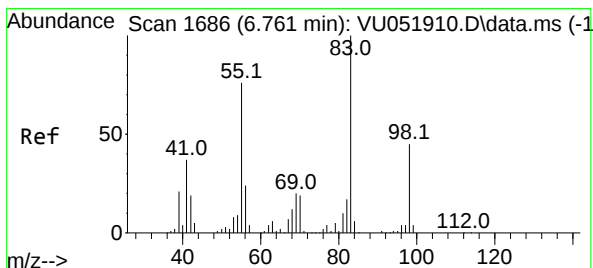
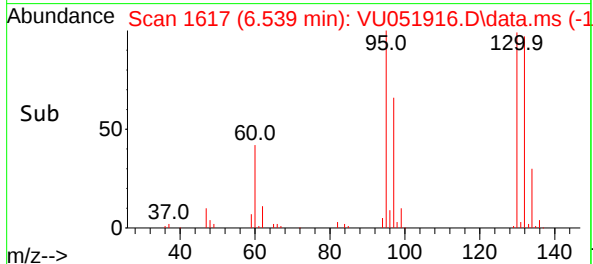
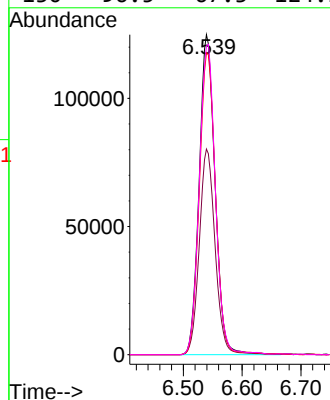
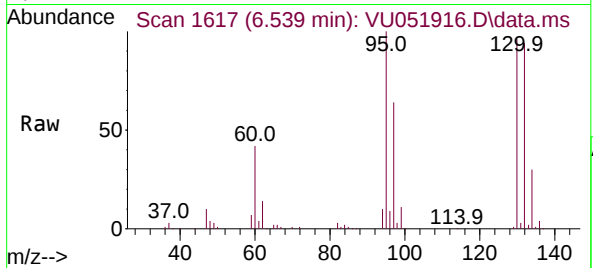




#34
Trichloroethene
Concen: 11.759 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

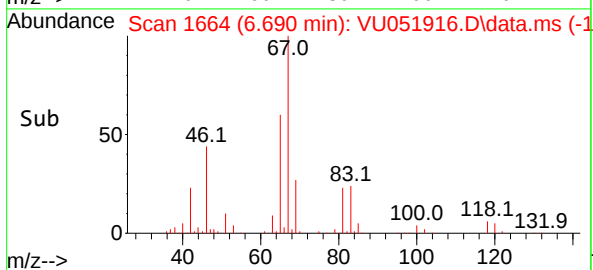
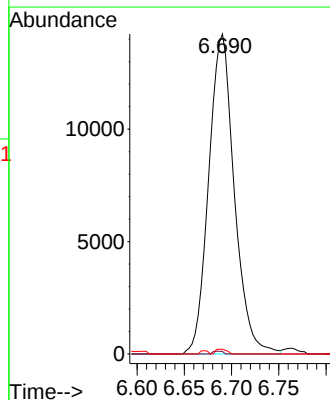
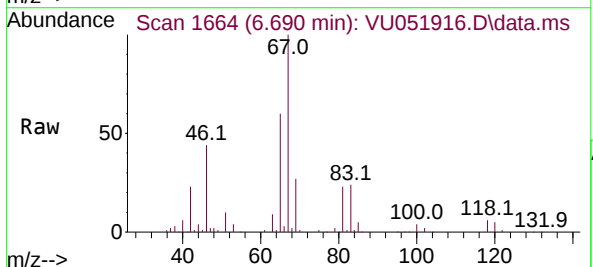
Instrument :
MSVOA_U
ClientSampleId :
BH1H5

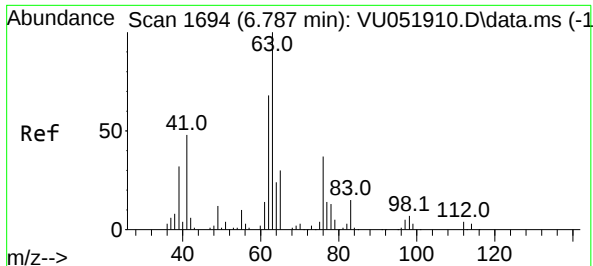
Tgt Ion: 95 Resp: 235527
Ion Ratio Lower Upper
95 100
97 64.2 43.7 81.1
132 94.4 64.3 119.3
130 96.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

Tgt Ion: 83 Resp: 26775
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 0.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU051916.D

Acq: 18 Nov 2022 21:14

Instrument :

MSVOA_U

ClientSampleId :

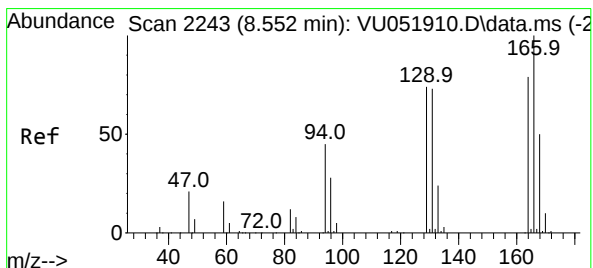
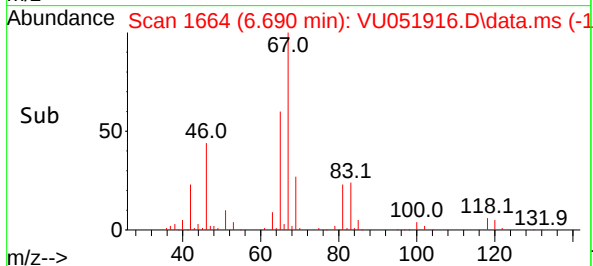
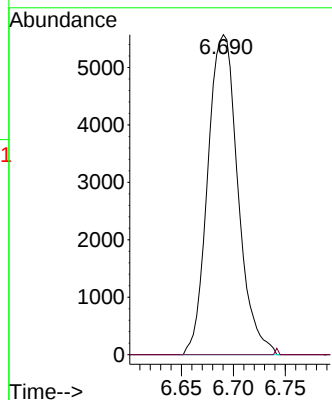
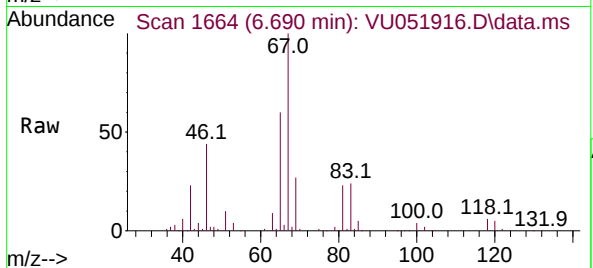
BH1H5

Tgt Ion: 63 Resp: 11257

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 4.067 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051916.D

Acq: 18 Nov 2022 21:14

Tgt Ion: 164 Resp: 62428

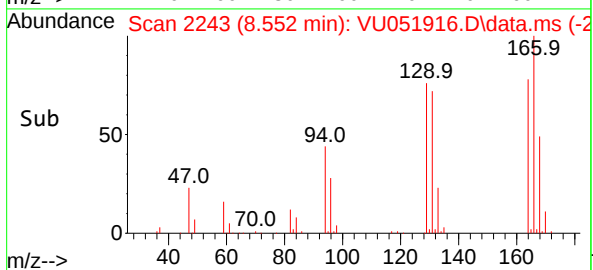
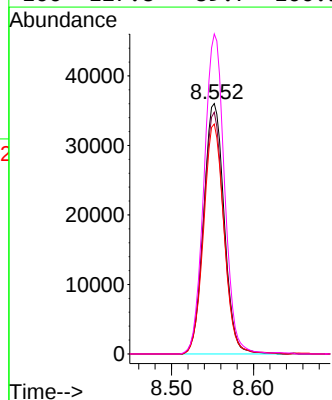
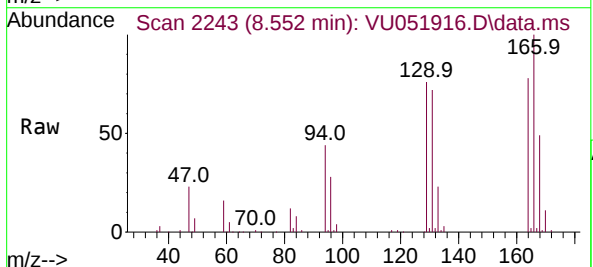
Ion Ratio Lower Upper

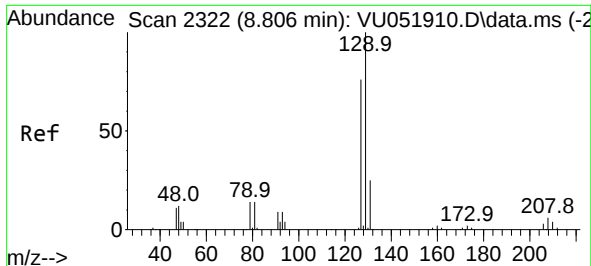
164 100

129 96.5 67.4 125.2

131 91.8 67.1 124.7

166 127.8 89.7 166.5

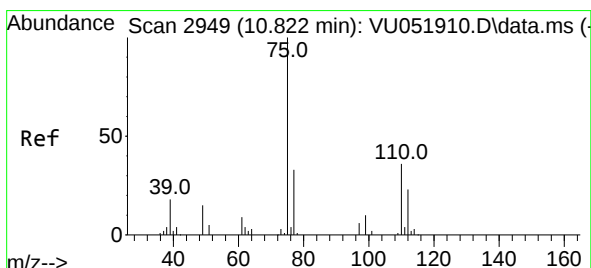
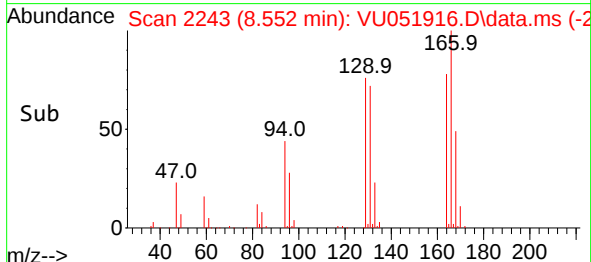
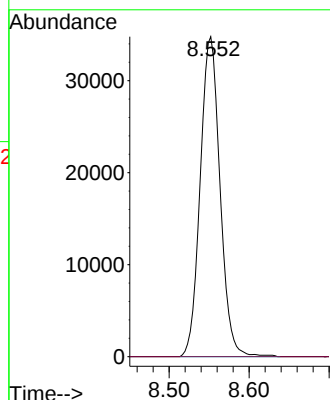
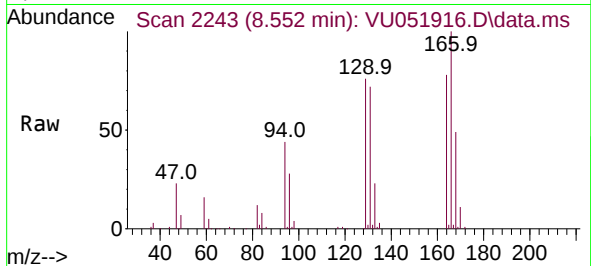




#49
Dibromochloromethane
Concen: 3.433 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051916.D
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Instrument :
MSVOA_U
ClientSampleId :
BH1H5

Tgt Ion:129 Resp: 60077
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 1.002 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

Tgt Ion: 75 Resp: 10720
Ion Ratio Lower Upper
75 100
110 0.6 28.3 42.5#
77 31.7 26.2 39.2

