

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051962.D
 Acq On : 19 Nov 2022 18:44
 Operator : JC/MD
 Sample : N5684-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H7

Quant Time: Nov 19 23:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

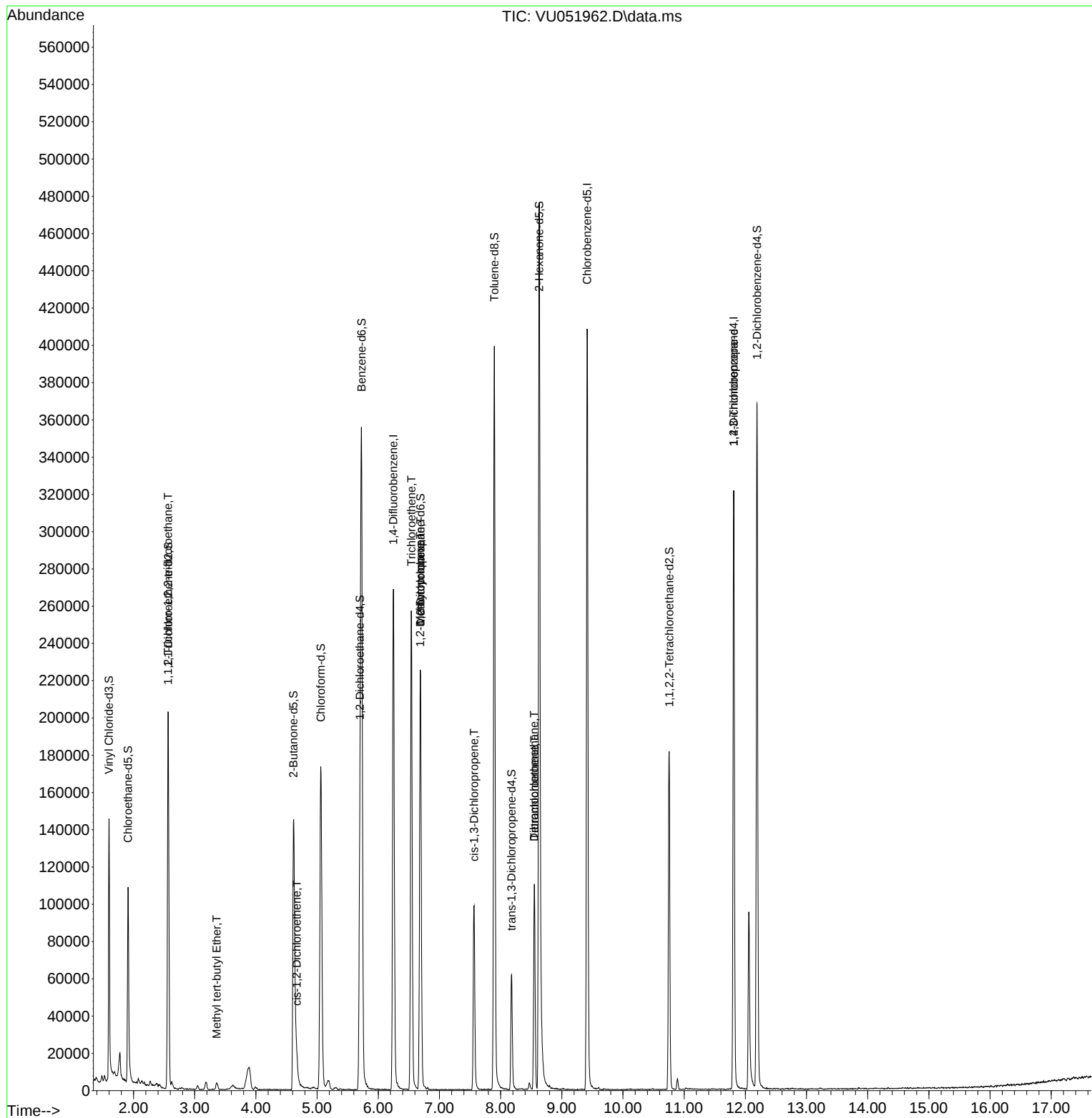
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	226433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	235746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	106542	4.837	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.909	69	88058	5.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.565	65	38398	4.864	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.613	46	206104	51.625	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.240%	
24) Chloroform-d	5.060	84	167624	5.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.700	65	88260	5.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.726	84	348955	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.687	67	113898	5.259	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.896	98	280212	4.425	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
43) trans-1,3-Dichloroprop...	8.176	79	36397	4.611	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.629	63	160594	48.011	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.020%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94668	5.041	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	100060	5.778	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1458	0.088	ug/L #	26
17) Methyl tert-butyl Ether	3.360	73	3896	0.106	ug/L #	94
22) cis-1,2-Dichloroethene	4.668	96	4902	0.265	ug/L	96
34) Trichloroethene	6.539	95	89808	4.693	ug/L	97
35) Methylcyclohexane	6.687	83	25580	0.929	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	11795	0.594	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2371	0.093	ug/L #	54
47) Tetrachloroethene	8.552	164	25031	1.707	ug/L	97
49) Dibromochloromethane	8.549	129	23826	1.425	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11038	1.066	ug/L #	69

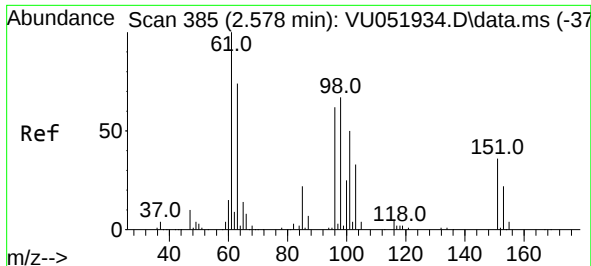
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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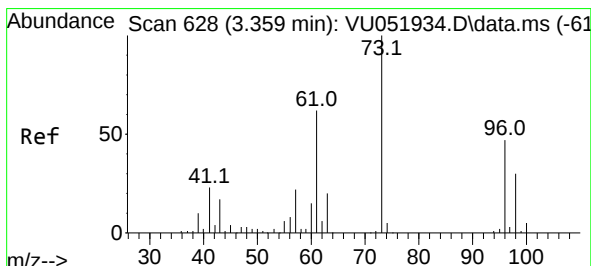
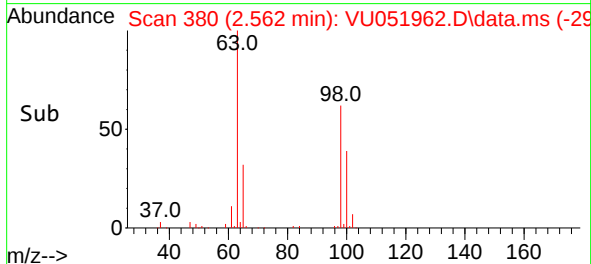
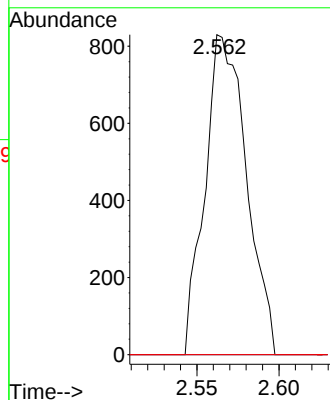
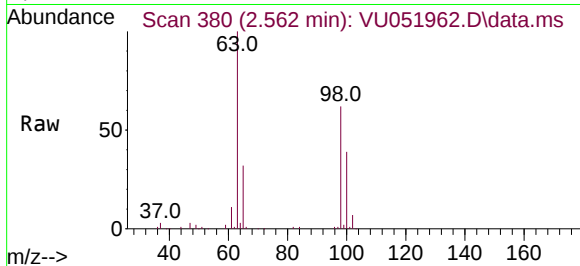




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051962.D
Acq: 19 Nov 2022 18:44

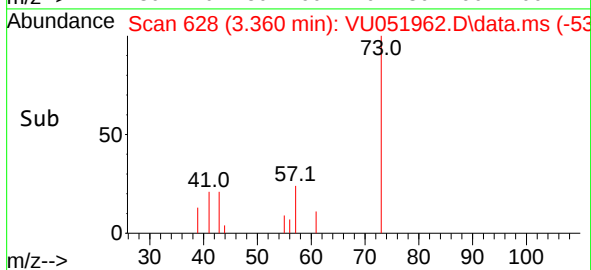
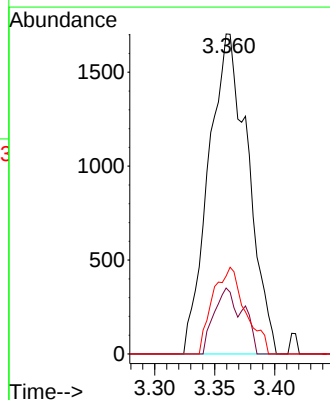
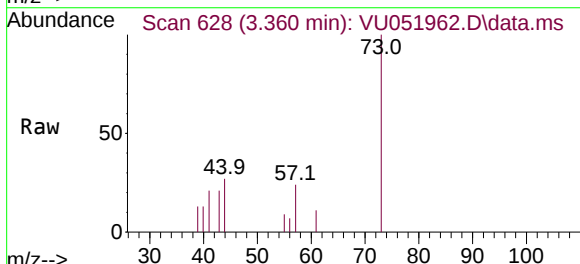
Instrument :
MSVOA_U
ClientSampleId :
BH1H7

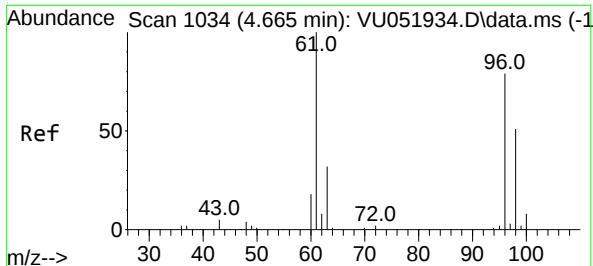
Tgt Ion:	101	Resp:	1458
Ion	Ratio	Lower	Upper
101	100		
85	9.7	33.8	50.6#
151	0.0	58.6	88.0#



#17
Methyl tert-butyl Ether
Concen: 0.106 ug/L
RT: 3.360 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU051962.D
Acq: 19 Nov 2022 18:44

Tgt Ion:	73	Resp:	3896
Ion	Ratio	Lower	Upper
73	100		
43	11.0	13.2	19.8#
57	22.4	17.8	26.8





#22

cis-1,2-Dichloroethene

Concen: 0.265 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.004 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

Instrument :

MSVOA_U

ClientSampleId :

BH1H7

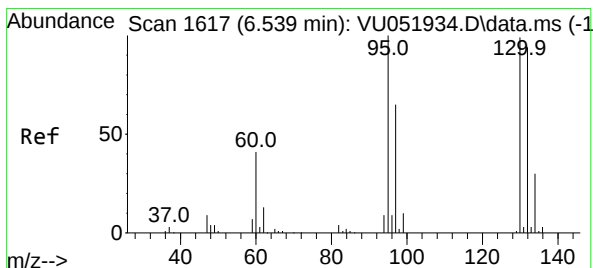
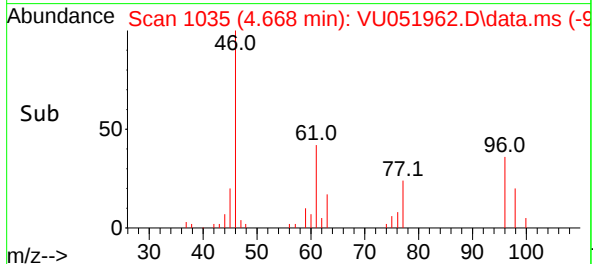
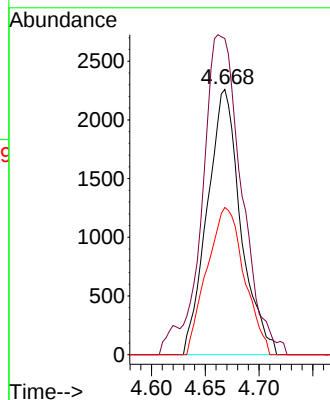
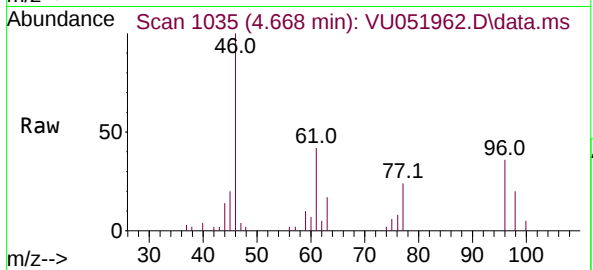
Tgt Ion: 96 Resp: 4902

Ion Ratio Lower Upper

96 100

61 119.2 85.1 158.1

98 55.5 42.8 79.6



#34

Trichloroethene

Concen: 4.693 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

Tgt Ion: 95 Resp: 89808

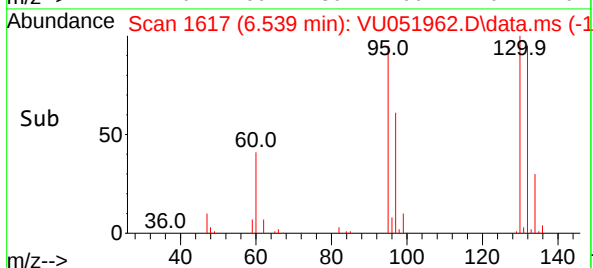
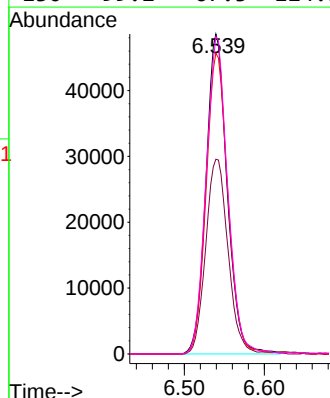
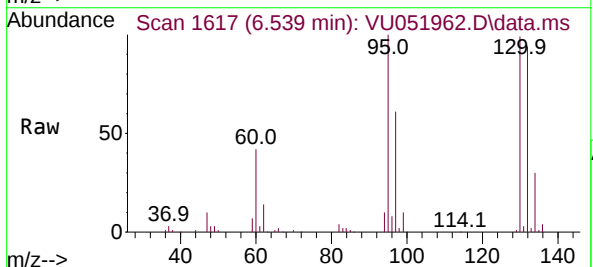
Ion Ratio Lower Upper

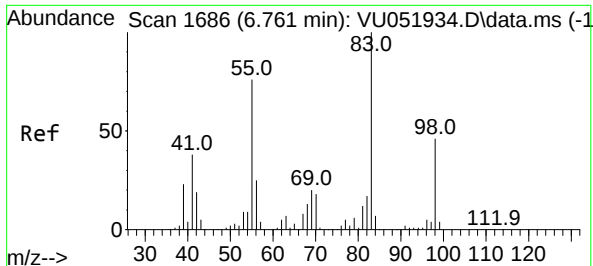
95 100

97 60.8 43.7 81.1

132 94.0 64.3 119.3

130 99.2 67.3 124.9

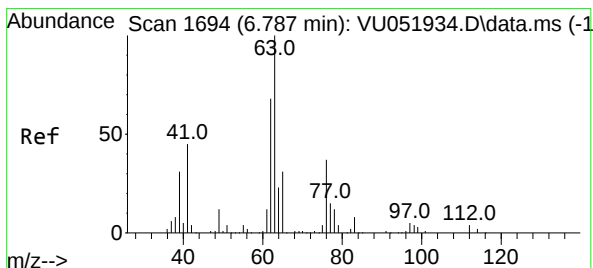
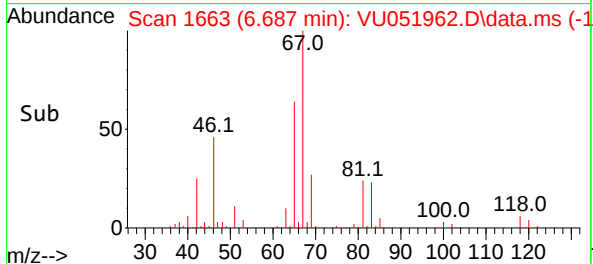
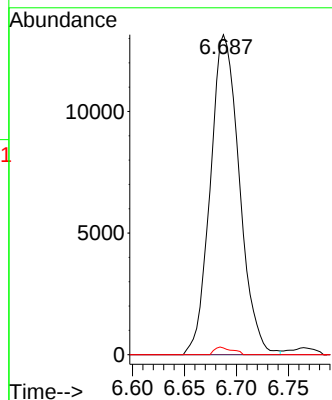
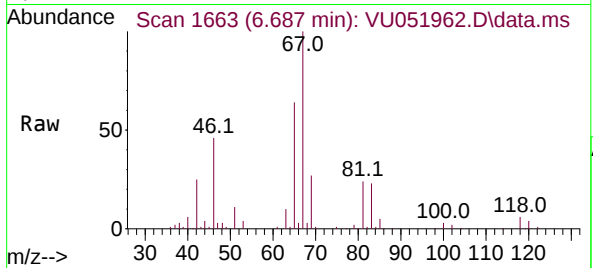




#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051962.D
Acq: 19 Nov 2022 18:44

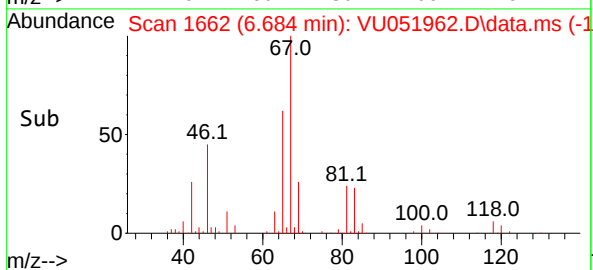
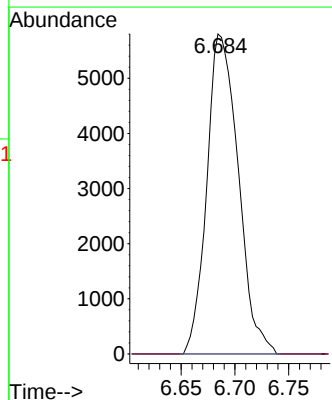
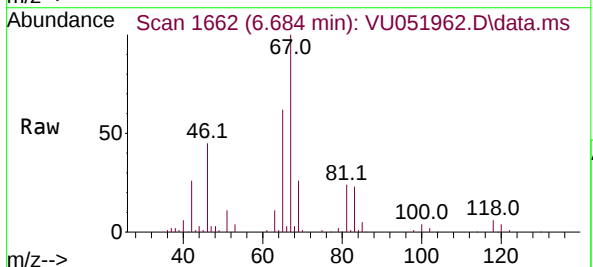
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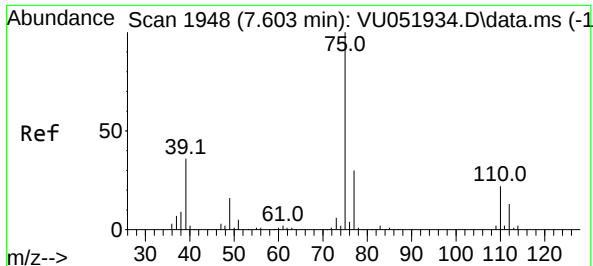
Tgt Ion: 83 Resp: 25580
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.4 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU051962.D
Acq: 19 Nov 2022 18:44

Tgt Ion: 63 Resp: 11795
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.038 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

Instrument :

MSVOA_U

ClientSampleId :

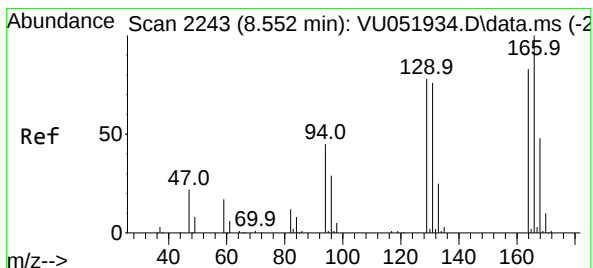
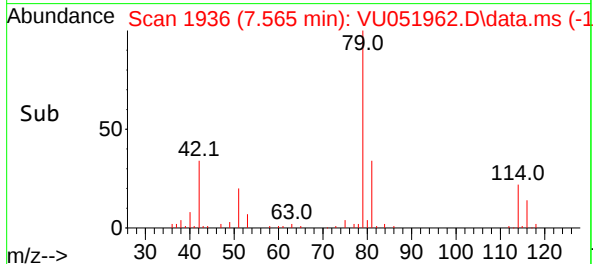
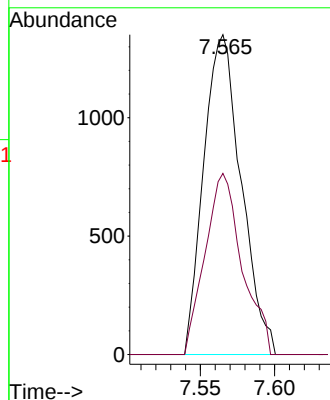
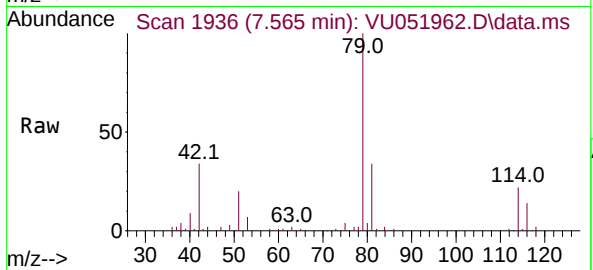
BH1H7

Tgt Ion: 75 Resp: 2371

Ion Ratio Lower Upper

75 100

77 56.6 22.0 40.8#



#47

Tetrachloroethene

Concen: 1.707 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

Tgt Ion: 164 Resp: 25031

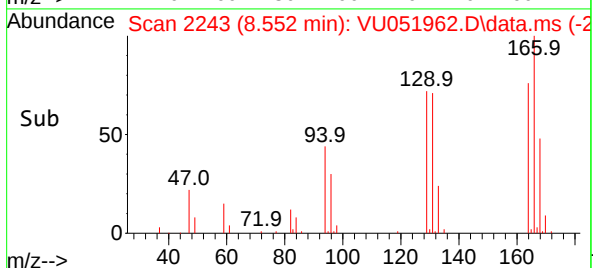
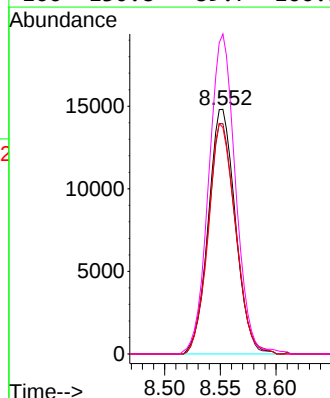
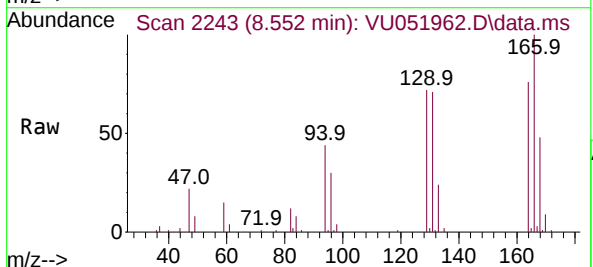
Ion Ratio Lower Upper

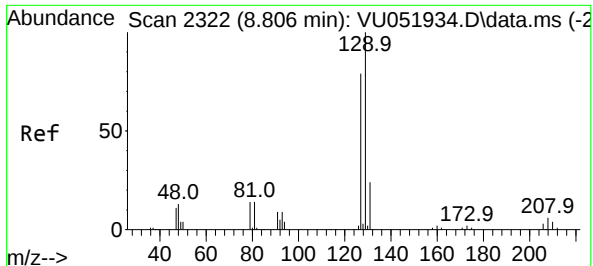
164 100

129 94.1 67.4 125.2

131 92.6 67.1 124.7

166 130.8 89.7 166.5





#49

Dibromochloromethane

Concen: 1.425 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

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MSVOA_U

ClientSampleId :

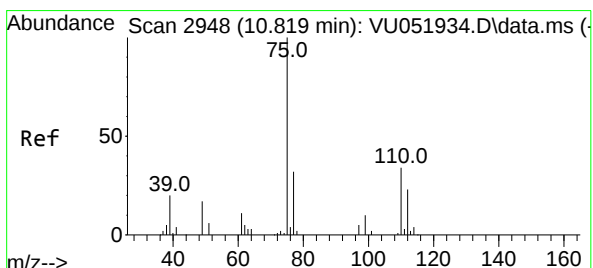
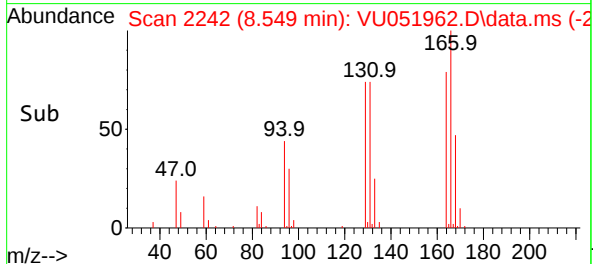
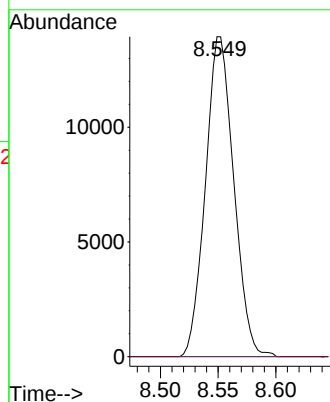
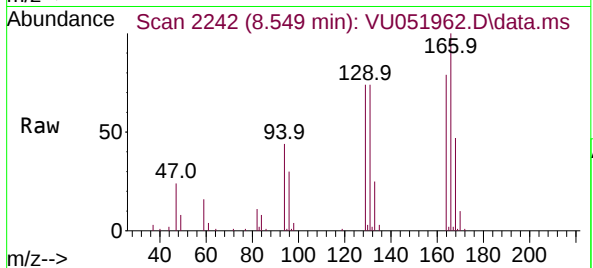
BH1H7

Tgt Ion:129 Resp: 23826

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.066 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.991 min

Lab File: VU051962.D

Acq: 19 Nov 2022 18:44

Tgt Ion: 75 Resp: 11038

Ion Ratio Lower Upper

75 100

110 2.3 28.3 42.5#

77 31.4 26.2 39.2

