

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051961.D
 Acq On : 19 Nov 2022 18:17
 Operator : JC/MD
 Sample : N5684-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H6

Quant Time: Nov 19 23:05:46 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)

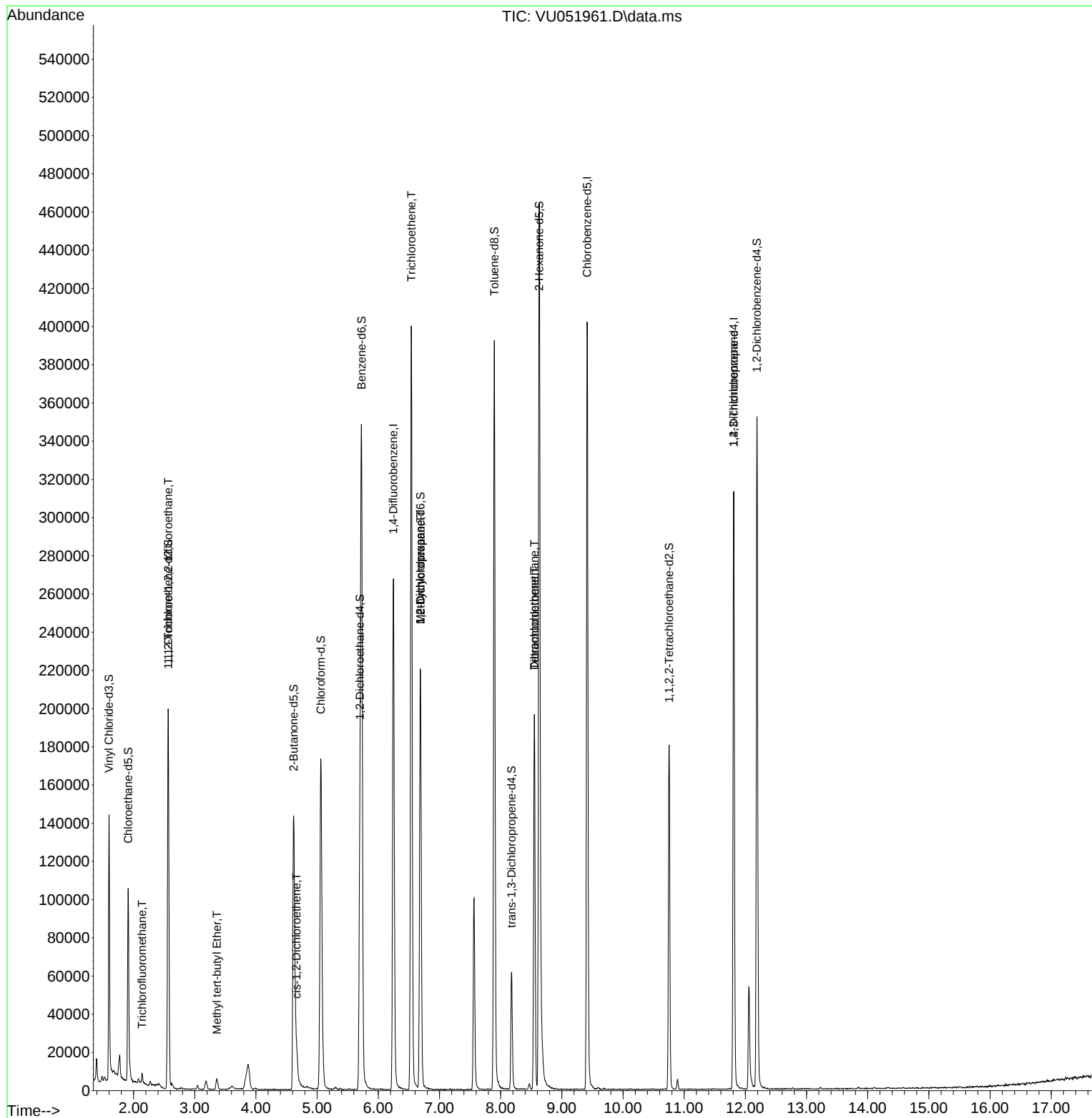
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103971	4.791	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.913	69	86174	5.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.565	65	37172	4.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.617	46	209850	53.347	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.700%	
24) Chloroform-d	5.060	84	161528	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.700	65	87888	5.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	5.726	84	346512	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.687	67	112140	5.242	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.896	98	274872	4.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.179	79	35505	4.554	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.629	63	159444	48.262	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.520%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93676	5.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	98412	5.794	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.800%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	3099	0.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1451	0.089	ug/L #	36
17) Methyl tert-butyl Ether	3.363	73	5629	0.155	ug/L #	85
22) cis-1,2-Dichloroethene	4.665	96	5596	0.307	ug/L	94
34) Trichloroethene	6.539	95	142498	7.540	ug/L	98
35) Methylcyclohexane	6.687	83	25768	0.948	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11410	0.582	ug/L #	88
47) Tetrachloroethene	8.552	164	46356	3.200	ug/L	94
49) Dibromochloromethane	8.552	129	44478	2.694	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10476	1.032	ug/L #	69

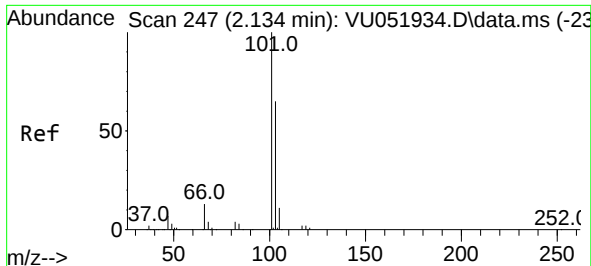
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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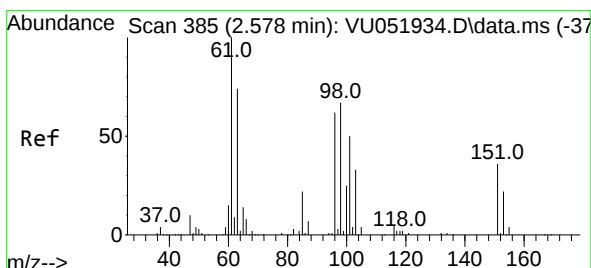
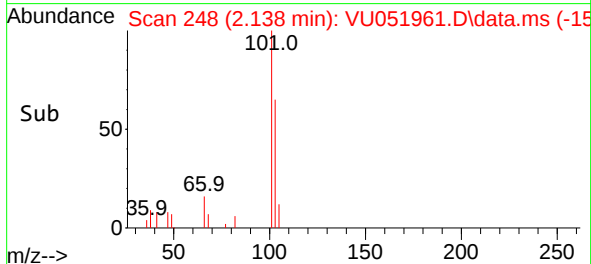
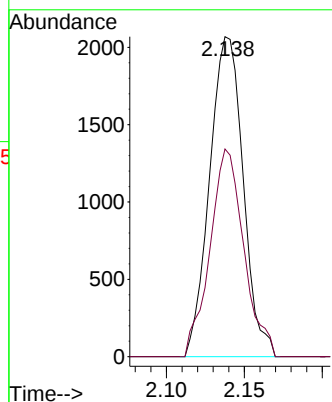
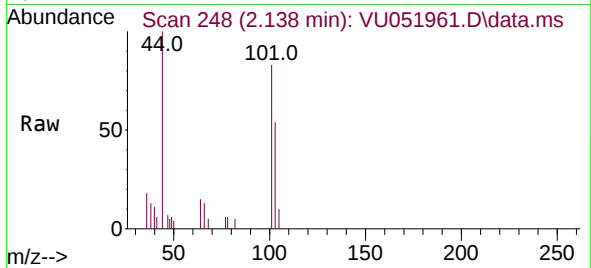




#9
Trichlorofluoromethane
Concen: 0.116 ug/L
RT: 2.138 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051961.D
Acq: 19 Nov 2022 18:17

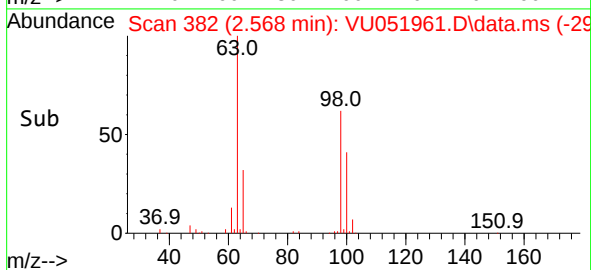
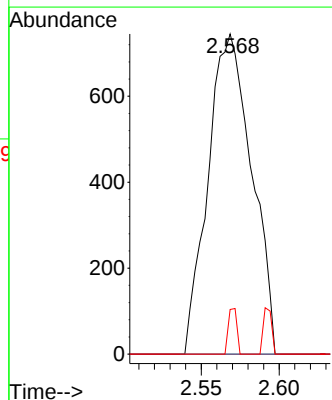
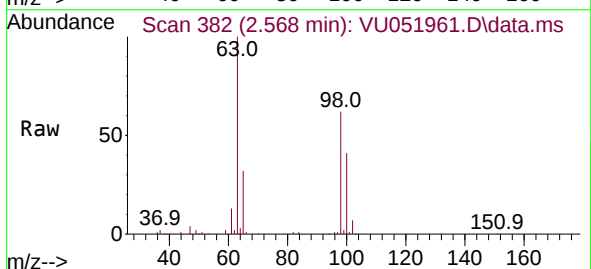
Instrument :
MSVOA_U
ClientSampleId :
BH1H6

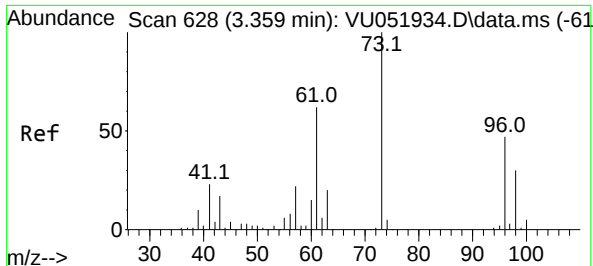
Tgt Ion:101 Resp: 3099
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.009 min
Lab File: VU051961.D
Acq: 19 Nov 2022 18:17

Tgt Ion:101 Resp: 1451
Ion Ratio Lower Upper
101 100
85 23.2 33.8 50.6#
151 2.8 58.6 88.0#





#17

Methyl tert-butyl Ether

Concen: 0.155 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

BH1H6

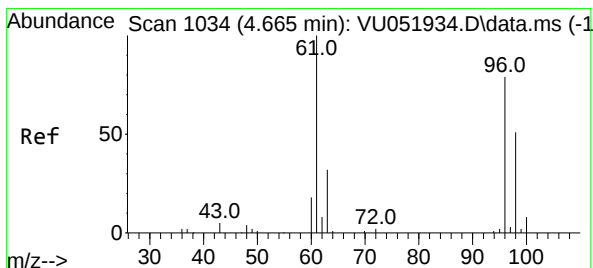
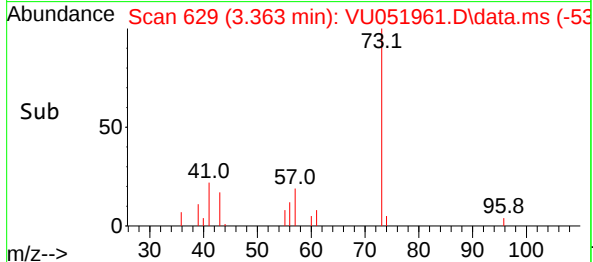
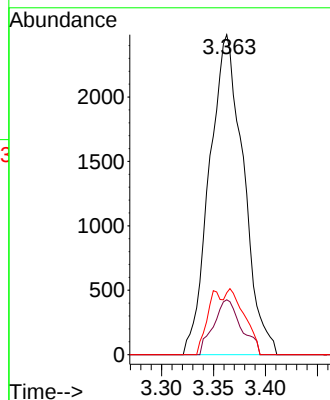
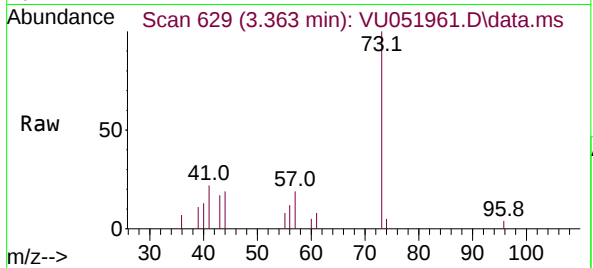
Tgt Ion: 73 Resp: 5629

Ion Ratio Lower Upper

73 100

43 14.0 13.2 19.8

57 11.5 17.8 26.8#



#22

cis-1,2-Dichloroethene

Concen: 0.307 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

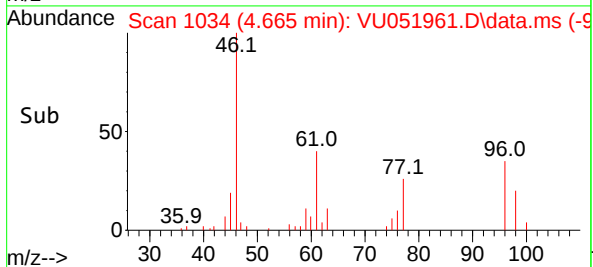
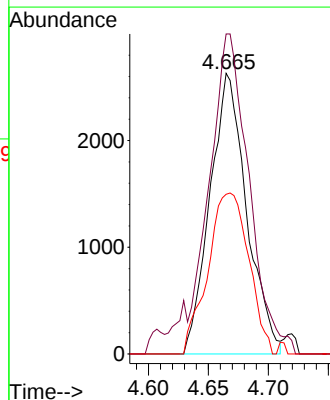
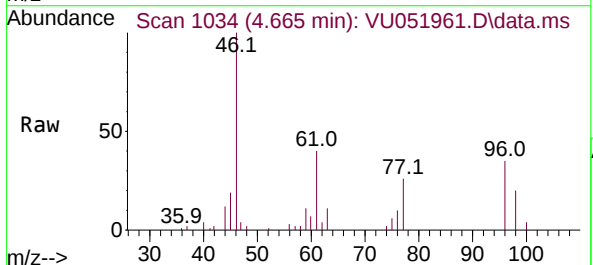
Tgt Ion: 96 Resp: 5596

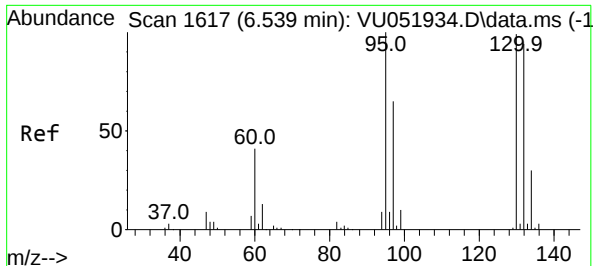
Ion Ratio Lower Upper

96 100

61 114.0 85.1 158.1

98 56.9 42.8 79.6

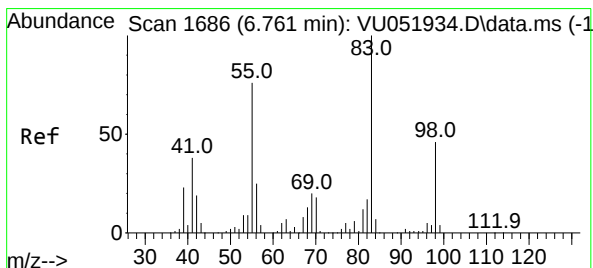
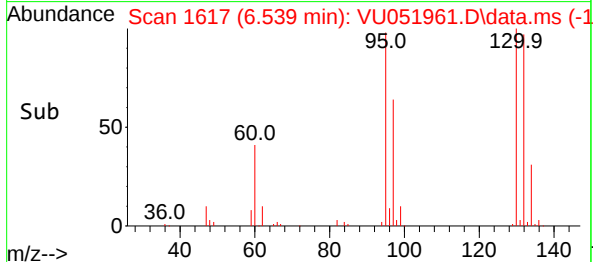
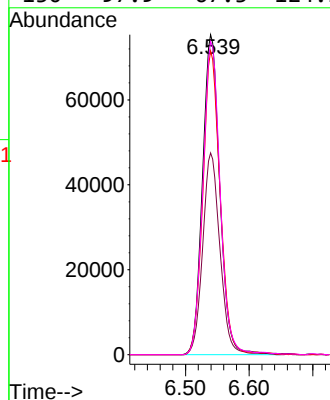
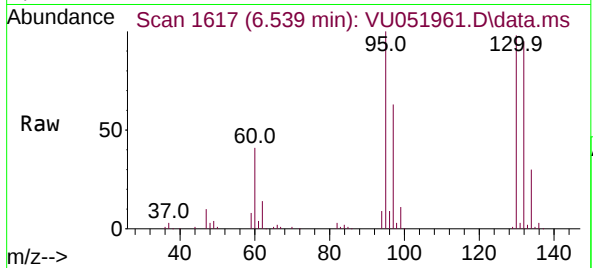




#34
Trichloroethene
Concen: 7.540 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051961.D
Acq: 19 Nov 2022 18:17

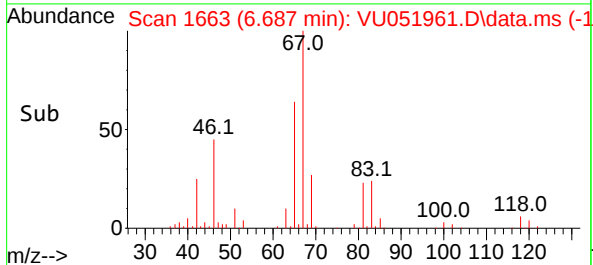
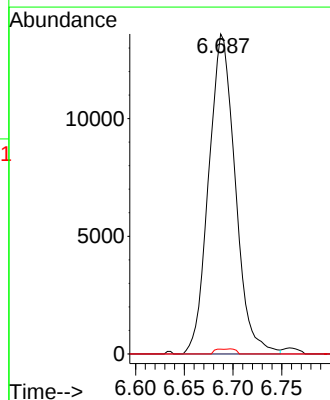
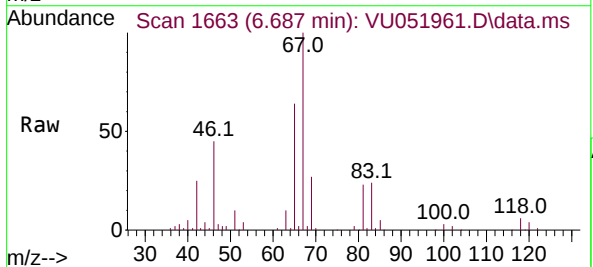
Instrument :
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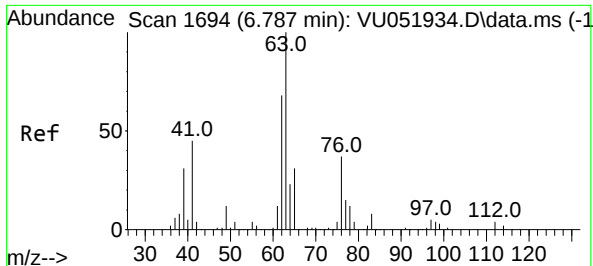
Tgt Ion: 95 Resp: 142498
Ion Ratio Lower Upper
95 100
97 63.1 43.7 81.1
132 94.9 64.3 119.3
130 97.9 67.3 124.9



#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051961.D
Acq: 19 Nov 2022 18:17

Tgt Ion: 83 Resp: 25768
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.6 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

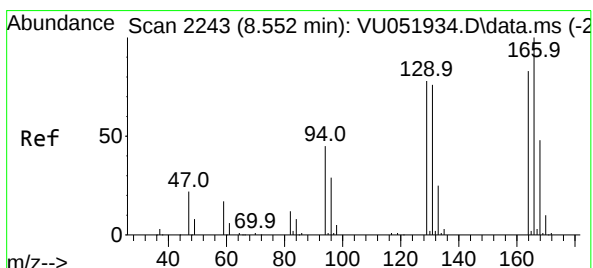
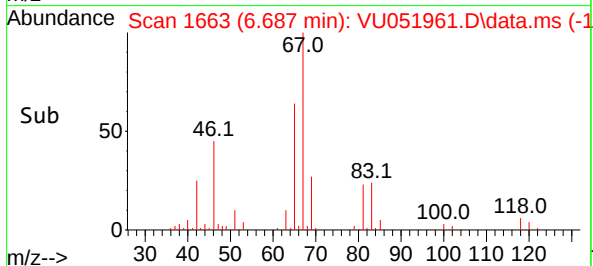
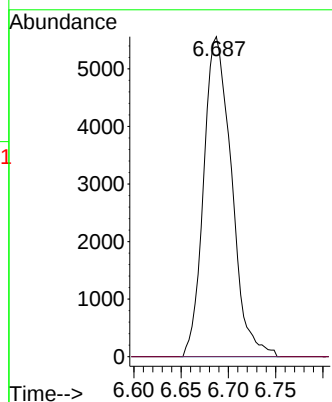
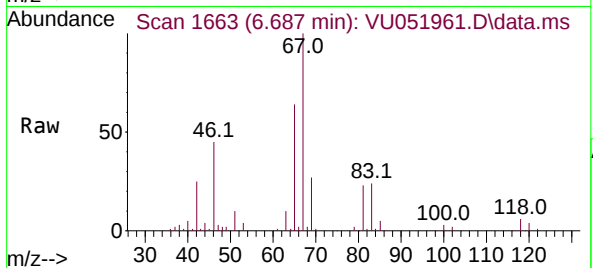
BH1H6

Tgt Ion: 63 Resp: 11410

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 3.200 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

Tgt Ion: 164 Resp: 46356

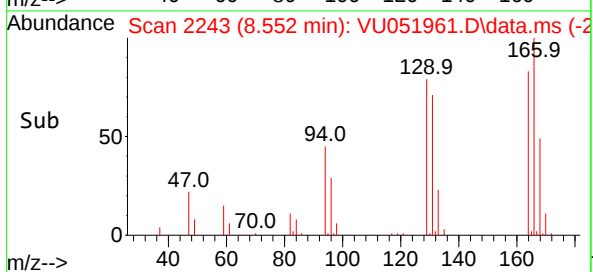
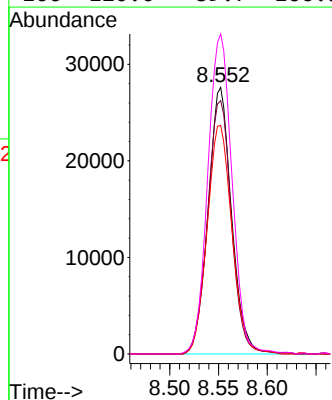
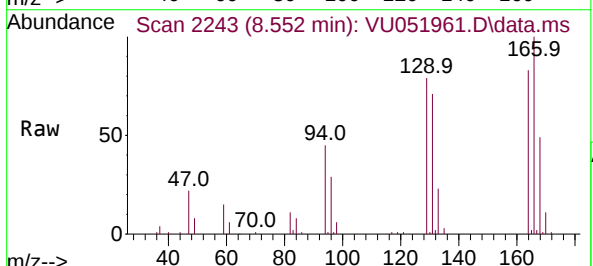
Ion Ratio Lower Upper

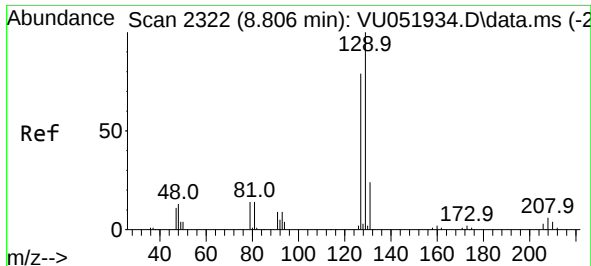
164 100

129 95.0 67.4 125.2

131 85.7 67.1 124.7

166 120.0 89.7 166.5





#49

Dibromochloromethane

Concen: 2.694 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

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MSVOA_U

ClientSampleId :

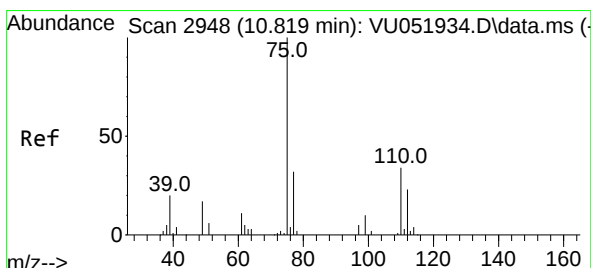
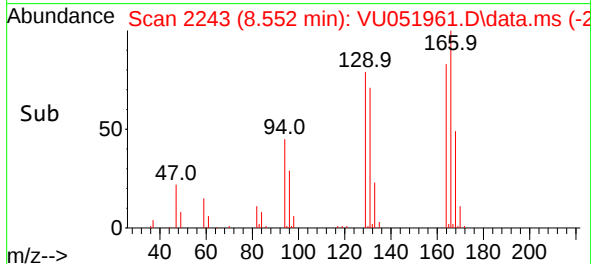
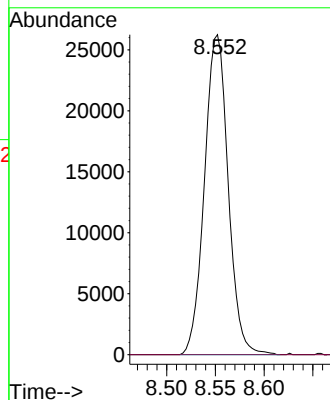
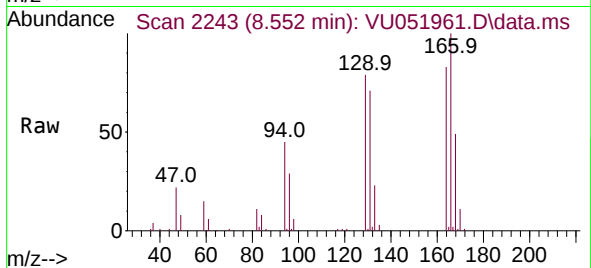
BH1H6

Tgt Ion:129 Resp: 44478

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.032 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051961.D

Acq: 19 Nov 2022 18:17

Tgt Ion: 75 Resp: 10476

Ion Ratio Lower Upper

75 100

110 1.5 28.3 42.5#

77 33.4 26.2 39.2

