

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051965.D
 Acq On : 19 Nov 2022 20:05
 Operator : JC/MD
 Sample : N5684-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J4

Quant Time: Nov 19 23:06:42 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)

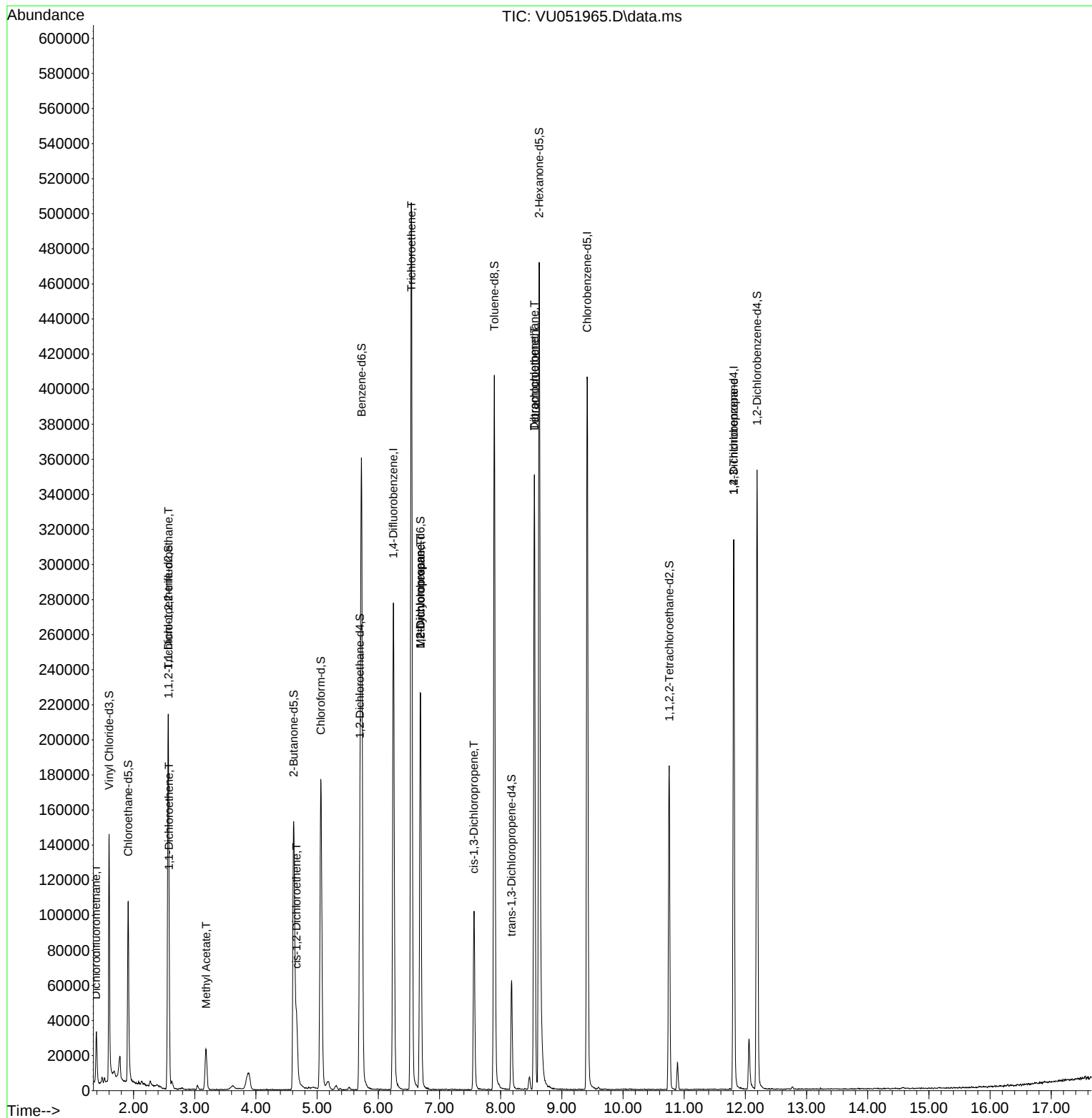
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104933	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.912	69	88570	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.565	65	38613	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.616	46	206711	50.689	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.380%
24) Chloroform-d	5.060	84	168601	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.700	65	88412	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.726	84	354174	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.687	67	115203	5.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.896	98	283458	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	36073	4.515	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.629	63	161478	47.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.380%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94682	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	100507	5.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	8642	0.431	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	3214	0.190	ug/L #	71
12) 1,1-Dichloroethene	2.581	96	7046	0.420	ug/L #	1
15) Methyl Acetate	3.189	43	1648	0.229	ug/L #	48
22) cis-1,2-Dichloroethene	4.665	96	15979	0.847	ug/L	94
34) Trichloroethene	6.539	95	181578	9.374	ug/L	99
35) Methylcyclohexane	6.687	83	26609	0.955	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11753	0.585	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2450	0.095	ug/L #	66
47) Tetrachloroethene	8.552	164	80495	5.422	ug/L	98
49) Dibromochloromethane	8.552	129	77117	4.557	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11167	1.087	ug/L #	66

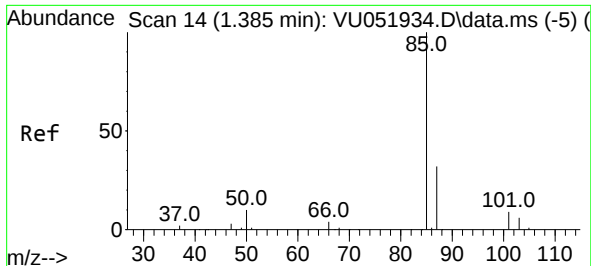
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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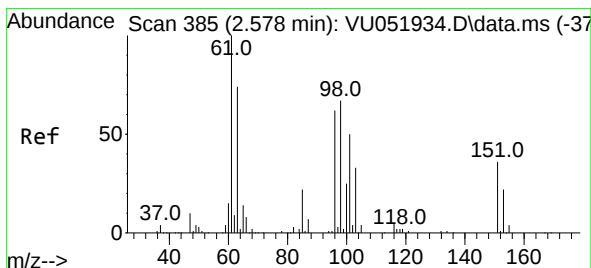
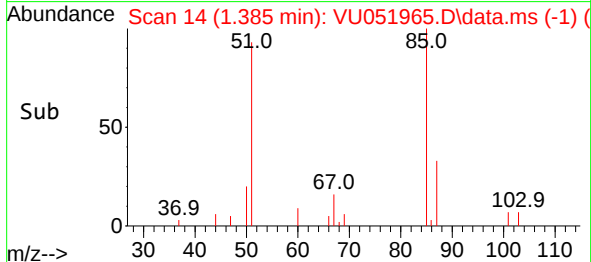
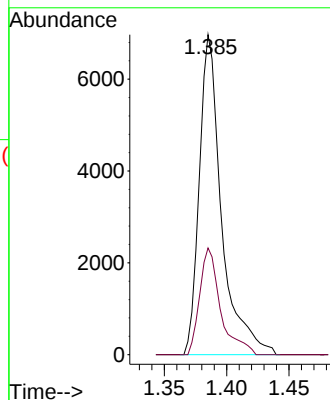
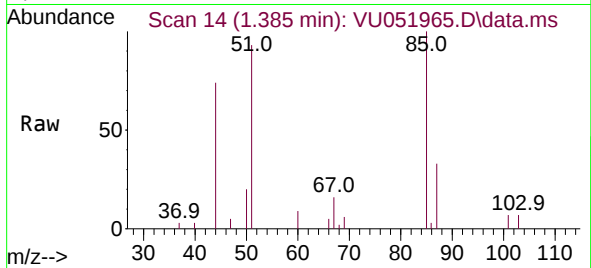




#2
Dichlorodifluoromethane
Concen: 0.431 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051965.D
Acq: 19 Nov 2022 20:05

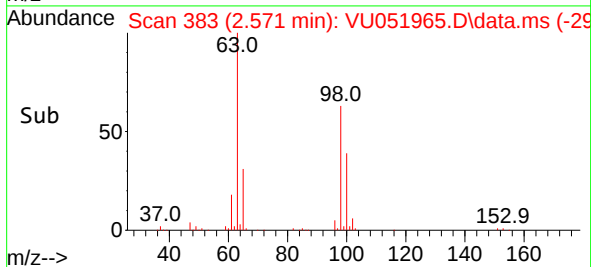
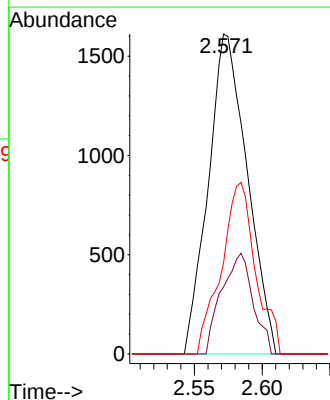
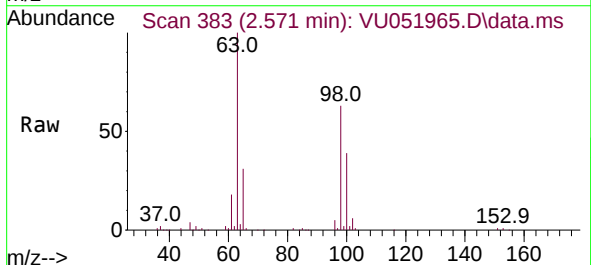
Instrument :
MSVOA_U
ClientSampleId :
BH1J4

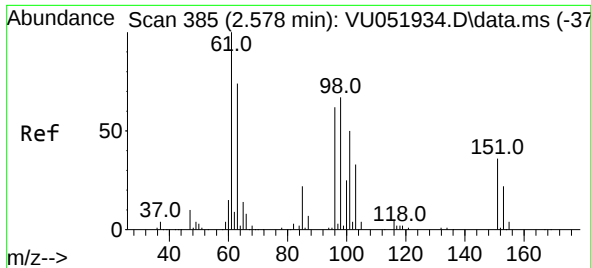
Tgt Ion: 85 Resp: 8642
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.190 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU051965.D
Acq: 19 Nov 2022 20:05

Tgt Ion:101 Resp: 3214
Ion Ratio Lower Upper
101 100
85 25.4 33.8 50.6#
151 47.2 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.420 ug/L

RT: 2.581 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU051965.D

Acq: 19 Nov 2022 20:05

Instrument :

MSVOA_U

ClientSampleId :

BH1J4

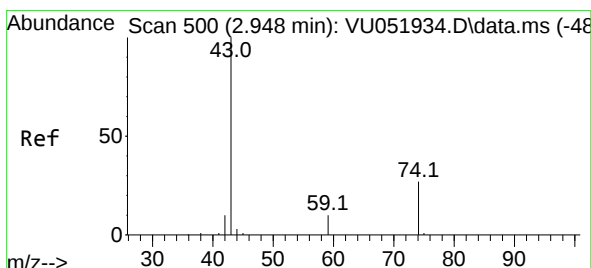
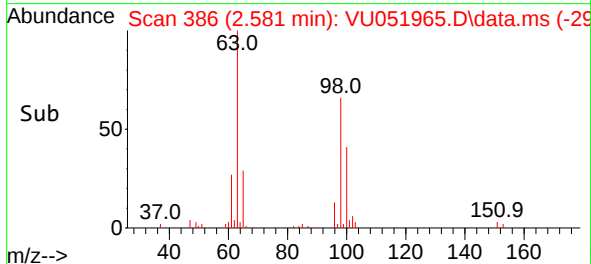
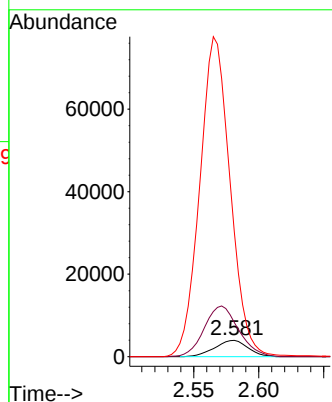
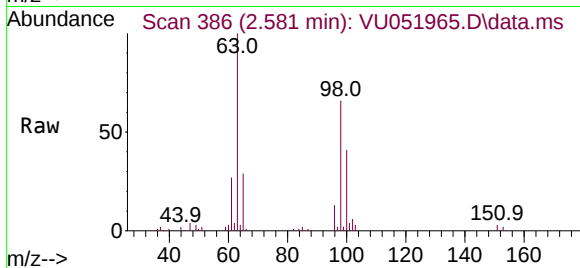
Tgt Ion: 96 Resp: 7046

Ion Ratio Lower Upper

96 100

61 209.5 114.8 213.2

63 763.3 93.7 174.1#



#15

Methyl Acetate

Concen: 0.229 ug/L

RT: 3.189 min Scan# 575

Delta R.T. 0.241 min

Lab File: VU051965.D

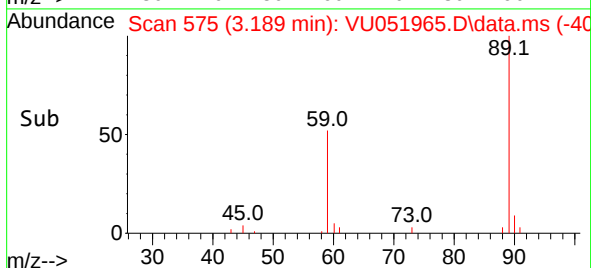
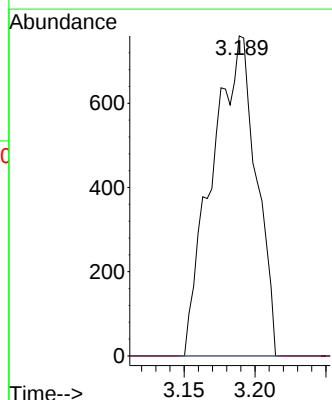
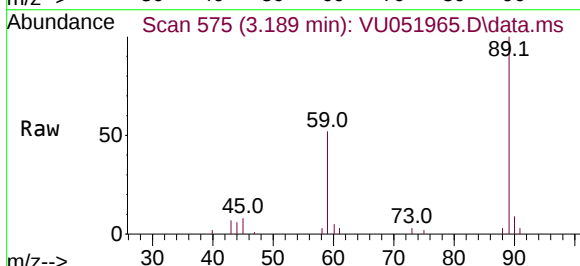
Acq: 19 Nov 2022 20:05

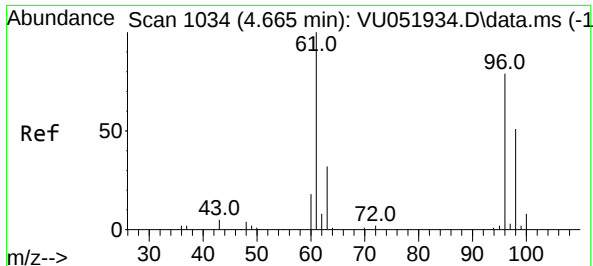
Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#

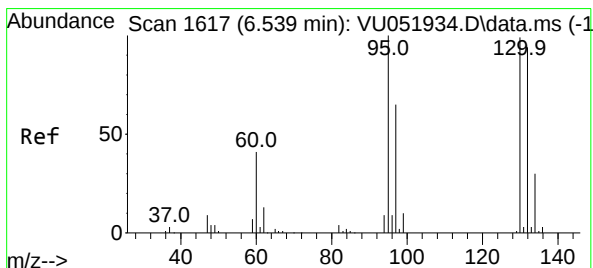
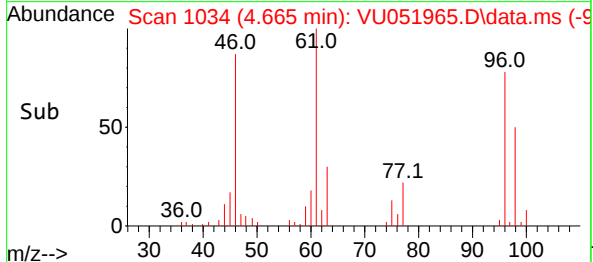
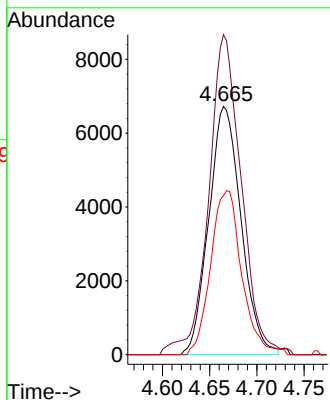
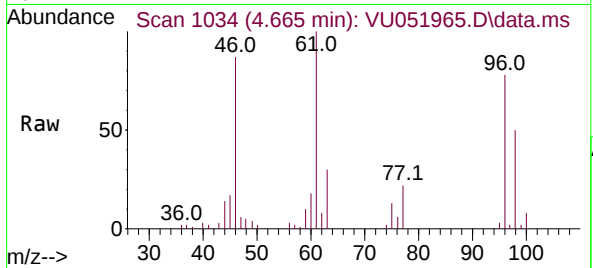




#22
 cis-1,2-Dichloroethene
 Concen: 0.847 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051965.D
 Acq: 19 Nov 2022 20:05

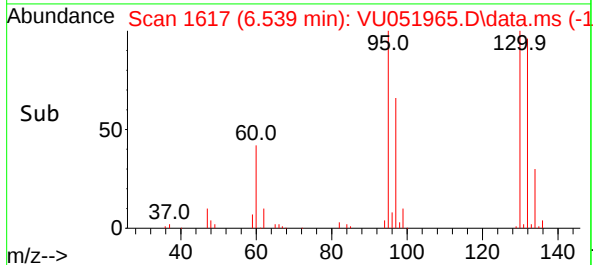
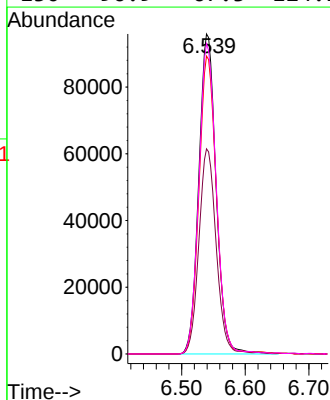
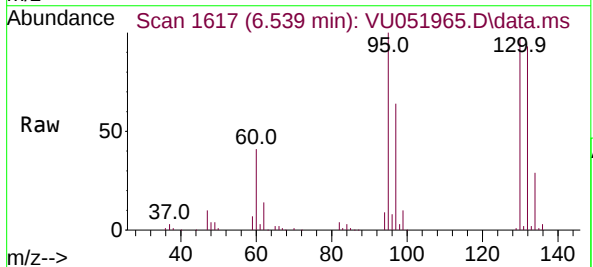
Instrument :
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 BH1J4

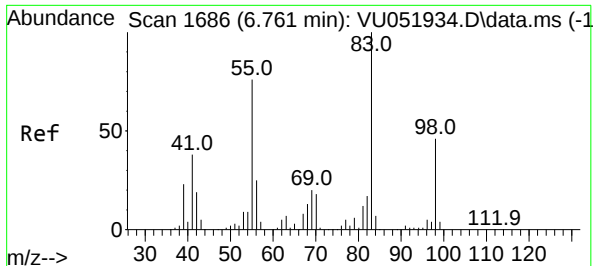
Tgt Ion: 96	Resp: 15979
Ion Ratio	Lower Upper
96 100	
61 128.8	85.1 158.1
98 64.1	42.8 79.6



#34
 Trichloroethene
 Concen: 9.374 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU051965.D
 Acq: 19 Nov 2022 20:05

Tgt Ion: 95	Resp: 181578
Ion Ratio	Lower Upper
95 100	
97 64.1	43.7 81.1
132 93.1	64.3 119.3
130 96.9	67.3 124.9





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051965.D

Acq: 19 Nov 2022 20:05

Instrument :

MSVOA_U

ClientSampleId :

BH1J4

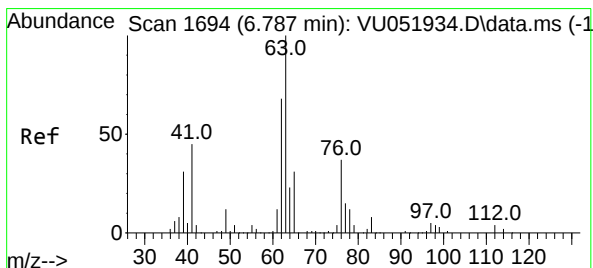
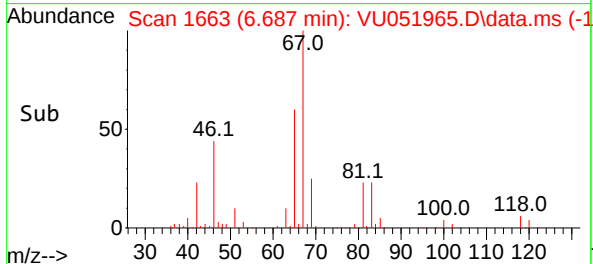
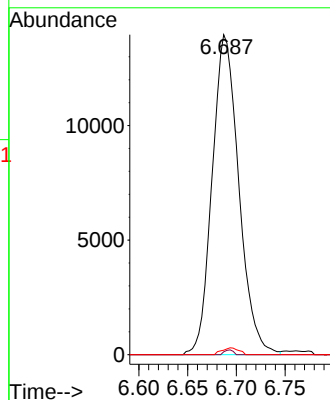
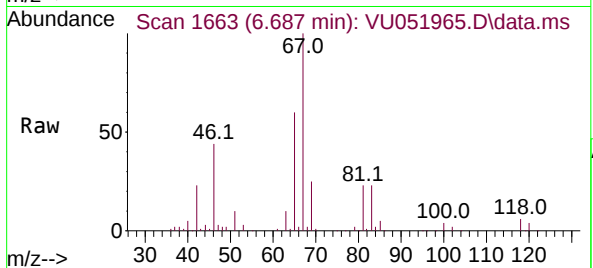
Tgt Ion: 83 Resp: 26609

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 1.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU051965.D

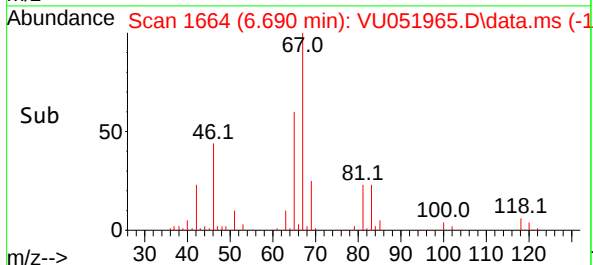
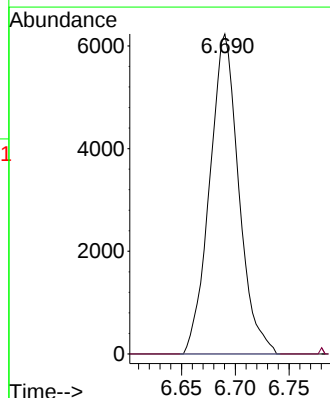
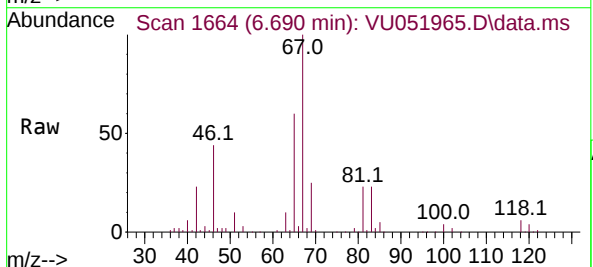
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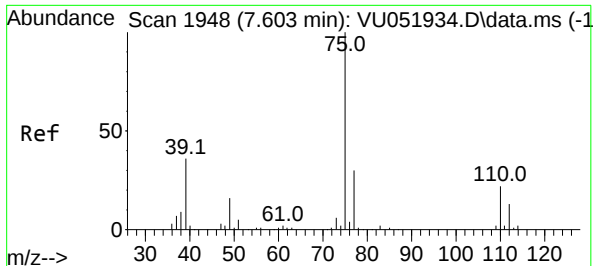
Tgt Ion: 63 Resp: 11753

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

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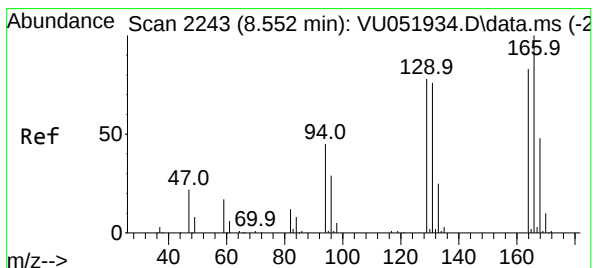
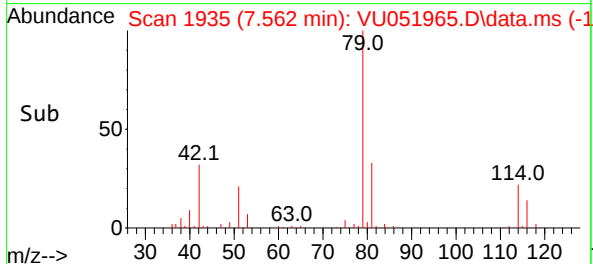
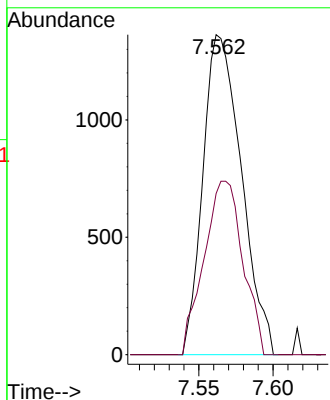
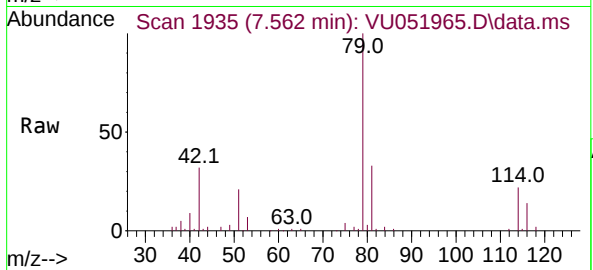
BH1J4

Tgt Ion: 75 Resp: 2450

Ion Ratio Lower Upper

75 100

77 50.3 22.0 40.8#



#47

Tetrachloroethene

Concen: 5.422 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051965.D

Acq: 19 Nov 2022 20:05

Tgt Ion: 164 Resp: 80495

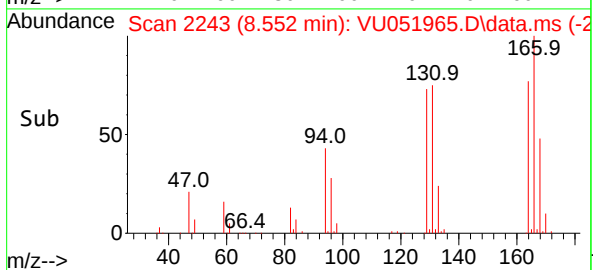
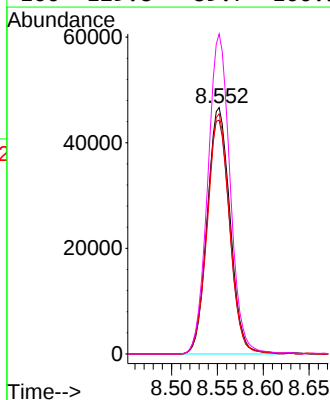
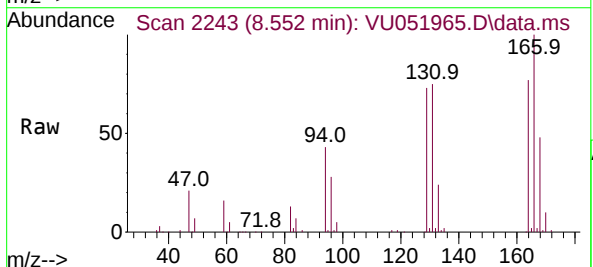
Ion Ratio Lower Upper

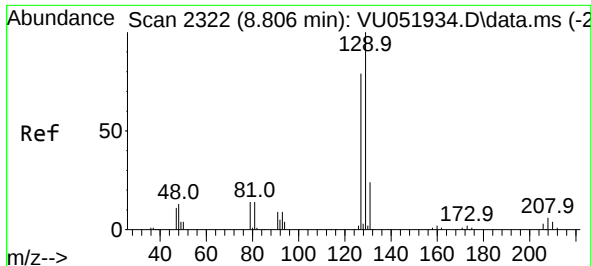
164 100

129 94.9 67.4 125.2

131 97.4 67.1 124.7

166 129.8 89.7 166.5





#49

Dibromochloromethane

Concen: 4.557 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051965.D

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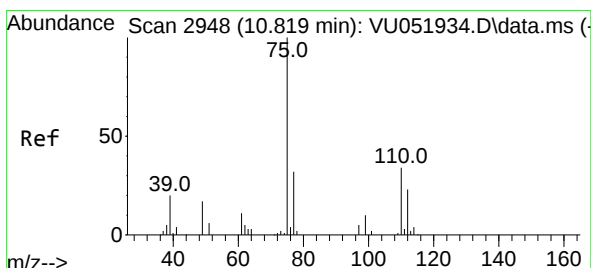
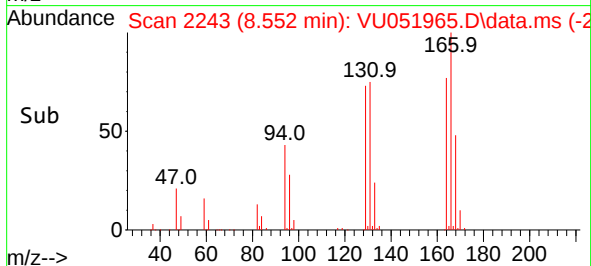
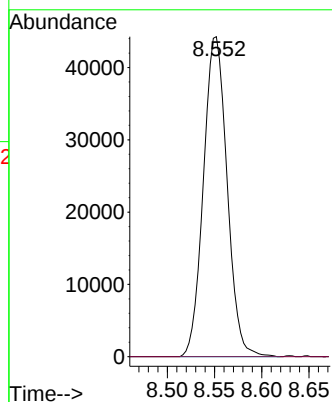
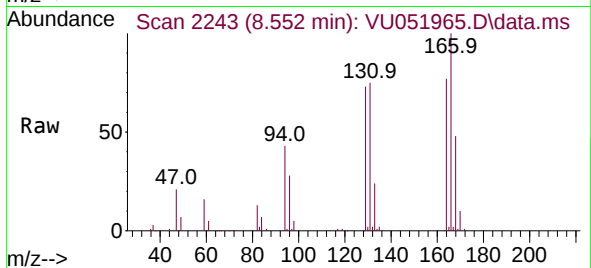
BH1J4

Tgt Ion:129 Resp: 77117

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.087 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051965.D

Acq: 19 Nov 2022 20:05

Tgt Ion: 75 Resp: 11167

Ion Ratio Lower Upper

75 100

110 1.7 28.3 42.5#

77 28.5 26.2 39.2

