

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051963.D
 Acq On : 19 Nov 2022 19:11
 Operator : JC/MD
 Sample : N5684-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2

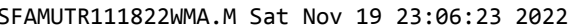
Quant Time: Nov 19 23:06:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

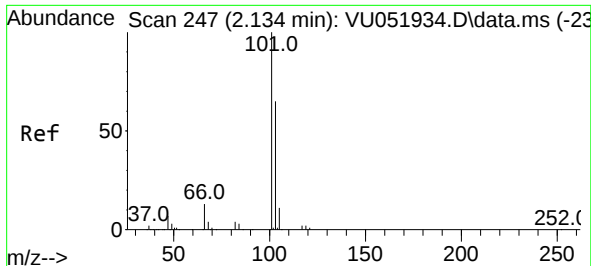
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	236457	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	111334	4.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.913	69	91634	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.565	65	40900	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.617	46	205100	49.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.400%
24) Chloroform-d	5.061	84	166598	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.700	65	88866	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.726	84	358209	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.687	67	115773	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.896	98	285919	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.179	79	36413	4.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.630	63	160846	46.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	92251	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	100188	5.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	6554	0.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1808	0.105	ug/L #	39
17) Methyl tert-butyl Ether	3.366	73	4893	0.127	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	17828	0.924	ug/L	95
25) Chloroform	5.086	83	15199	0.453	ug/L	90
29) 1,1,1-Trichloroethane	5.315	97	1434	0.054	ug/L #	79
34) Trichloroethene	6.540	95	351457	17.938	ug/L	97
35) Methylcyclohexane	6.687	83	25469	0.904	ug/L #	20
37) 1,2-Dichloropropane	6.691	63	11562	0.568	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2610	0.100	ug/L #	75
47) Tetrachloroethene	8.552	164	53246	3.546	ug/L	99
49) Dibromochloromethane	8.549	129	50535	2.952	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11104	1.046	ug/L #	68

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

Quant Time: Nov 19 23:06:16 2022
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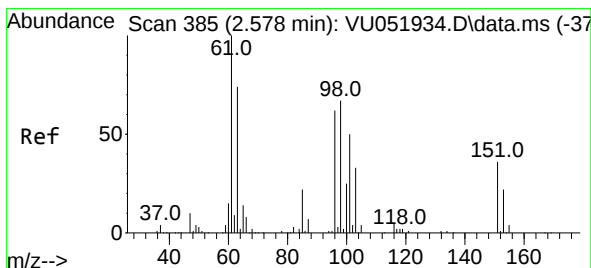
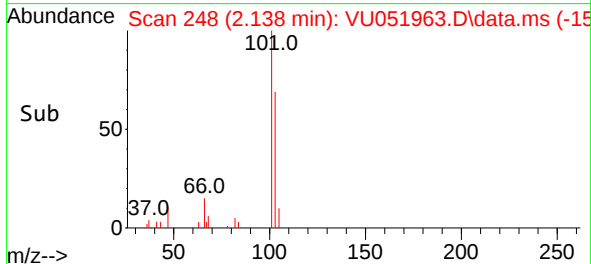
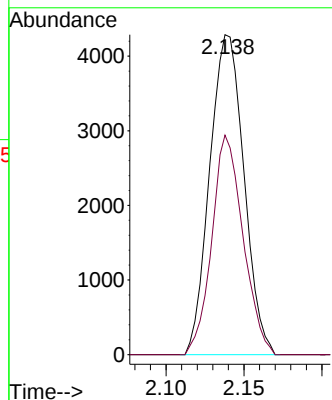
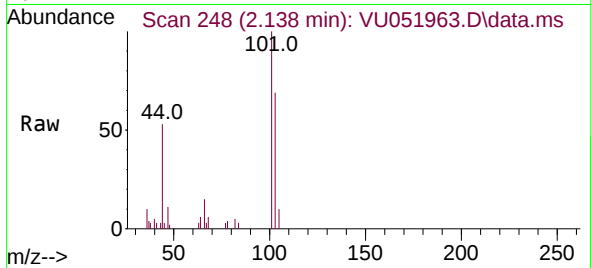




#9
 Trichlorofluoromethane
 Concen: 0.232 ug/L
 RT: 2.138 min Scan# 247
 Delta R.T. 0.004 min
 Lab File: VU051963.D
 Acq: 19 Nov 2022 19:11

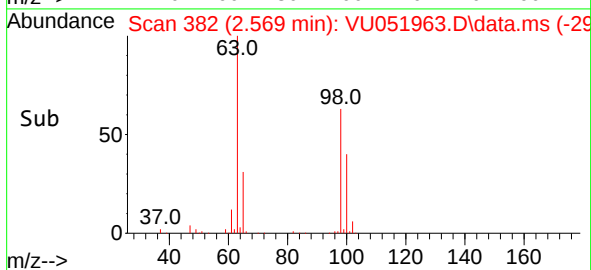
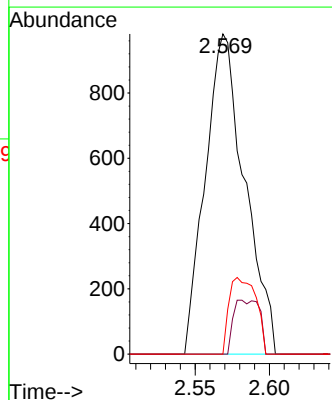
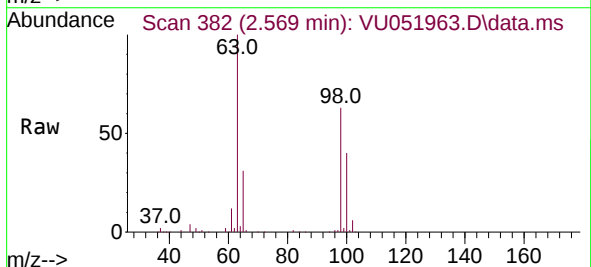
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2

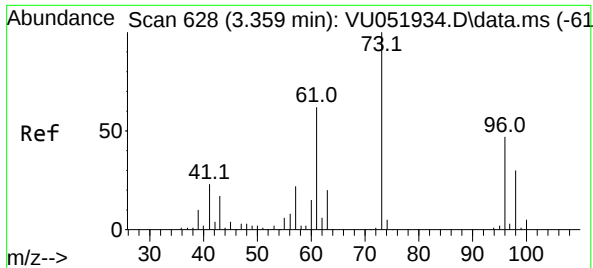
Tgt Ion:101 Resp: 6554
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.105 ug/L
 RT: 2.569 min Scan# 382
 Delta R.T. -0.009 min
 Lab File: VU051963.D
 Acq: 19 Nov 2022 19:11

Tgt Ion:101 Resp: 1808
 Ion Ratio Lower Upper
 101 100
 85 11.2 33.8 50.6#
 151 16.3 58.6 88.0#

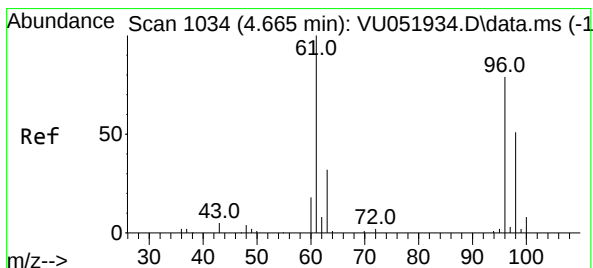
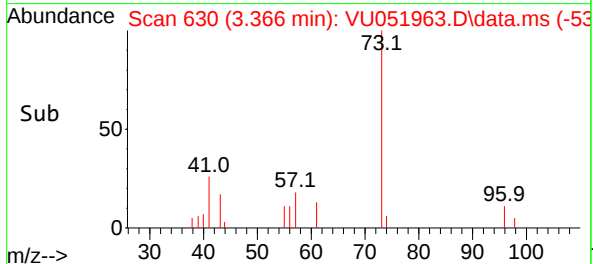
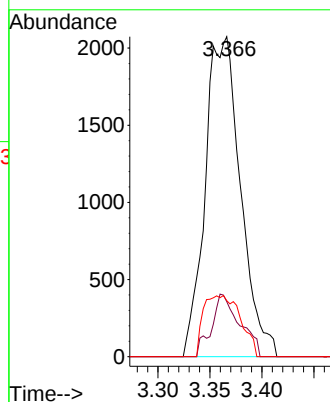
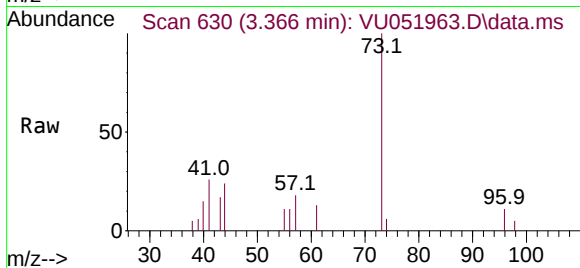




#17
Methyl tert-butyl Ether
Concen: 0.127 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

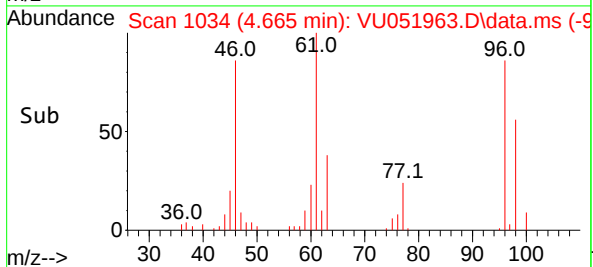
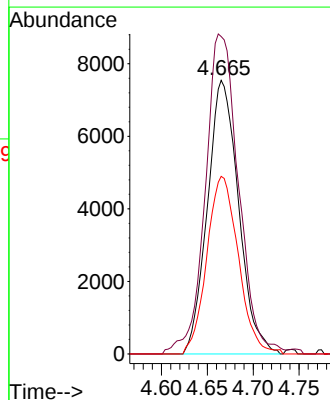
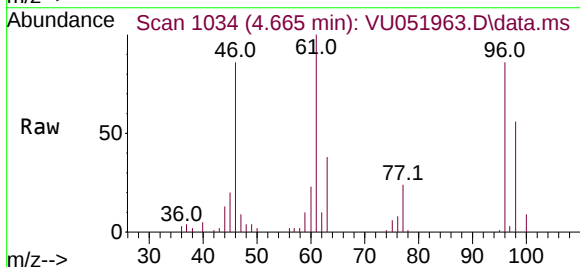
Instrument :
MSVOA_U
ClientSampleId :
BH1J2

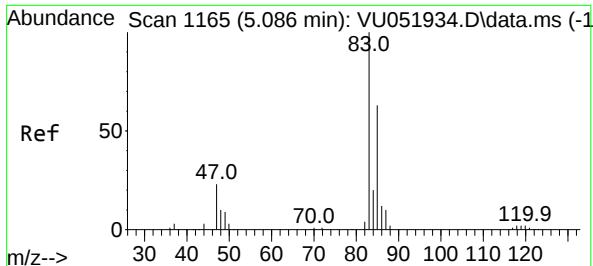
Tgt Ion: 73	Resp: 4893
Ion Ratio	Lower Upper
73 100	
43 15.7	13.2 19.8
57 19.9	17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.924 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

Tgt Ion: 96	Resp: 17828
Ion Ratio	Lower Upper
96 100	
61 116.0	85.1 158.1
98 64.9	42.8 79.6

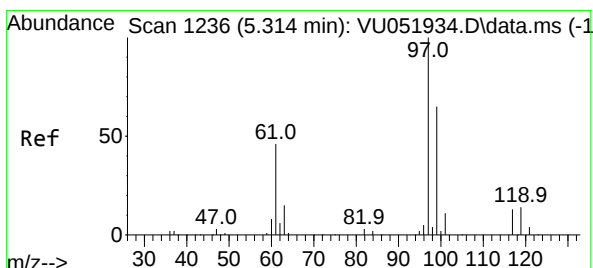
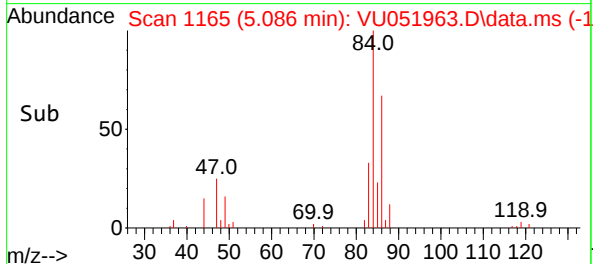
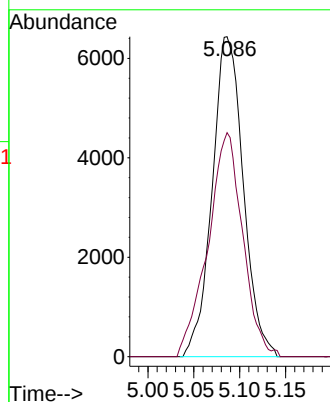
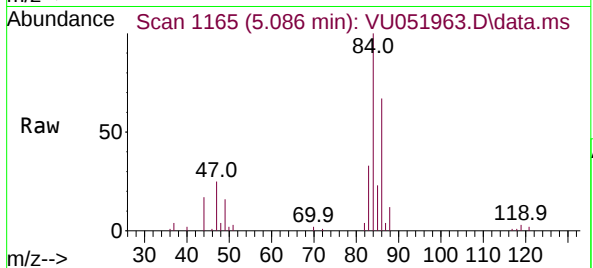




#25
Chloroform
Concen: 0.453 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

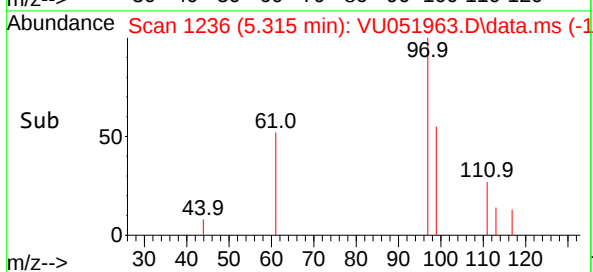
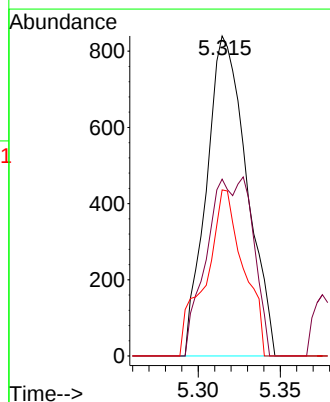
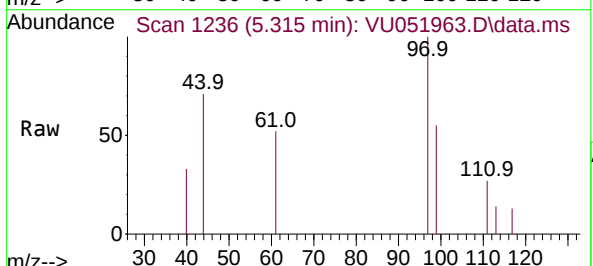
Instrument :
MSVOA_U
ClientSampleId :
BH1J2

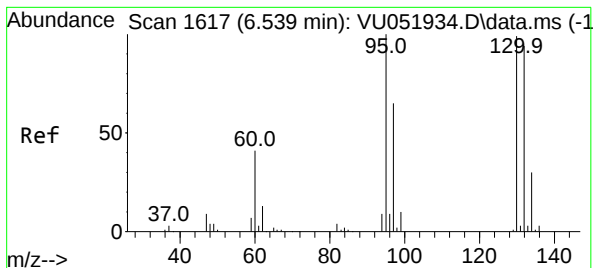
Tgt Ion: 83 Resp: 15199
Ion Ratio Lower Upper
83 100
85 70.0 43.8 81.4



#29
1,1,1-Trichloroethane
Concen: 0.054 ug/L
RT: 5.315 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

Tgt Ion: 97 Resp: 1434
Ion Ratio Lower Upper
97 100
99 38.0 51.0 76.6#
61 48.7 36.9 55.3





#34

Trichloroethene

Concen: 17.938 ug/L

RT: 6.540 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051963.D

Acq: 19 Nov 2022 19:11

Instrument :

MSVOA_U

ClientSampleId :

BH1J2

Tgt Ion: 95 Resp: 351457

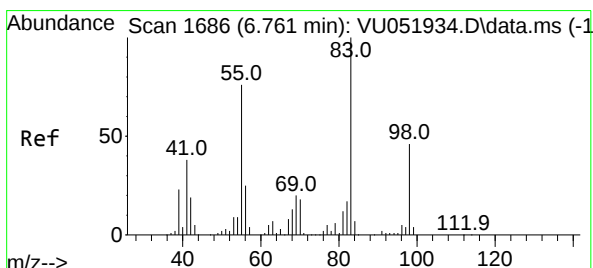
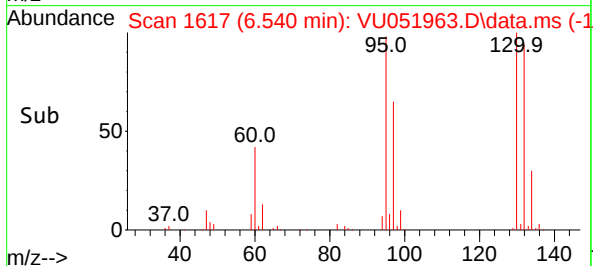
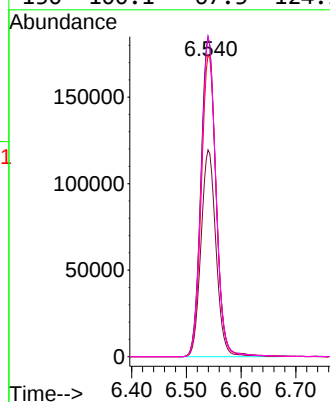
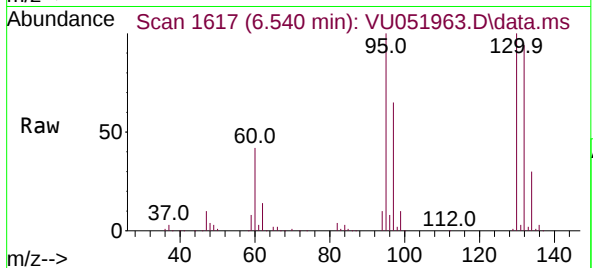
Ion Ratio Lower Upper

95 100

97 64.7 43.7 81.1

132 94.4 64.3 119.3

130 100.1 67.3 124.9



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU051963.D

Acq: 19 Nov 2022 19:11

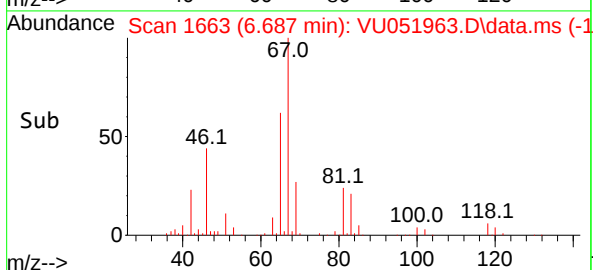
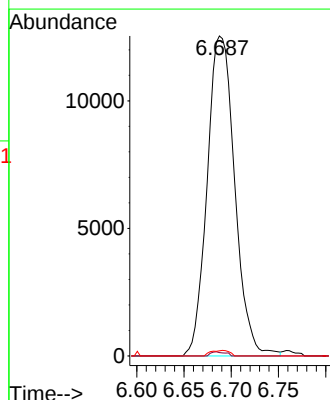
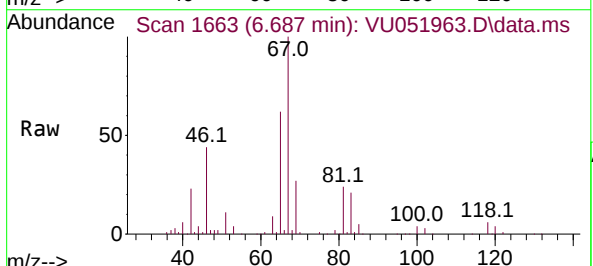
Tgt Ion: 83 Resp: 25469

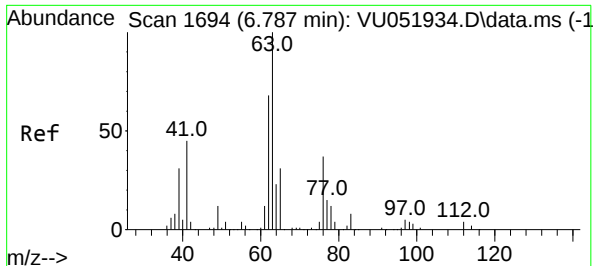
Ion Ratio Lower Upper

83 100

55 0.7 60.8 91.2#

98 1.2 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU051963.D

Acq: 19 Nov 2022 19:11

Instrument :

MSVOA_U

ClientSampleId :

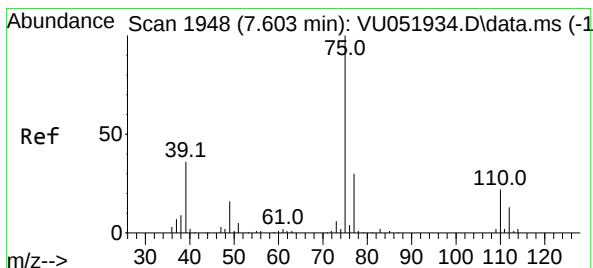
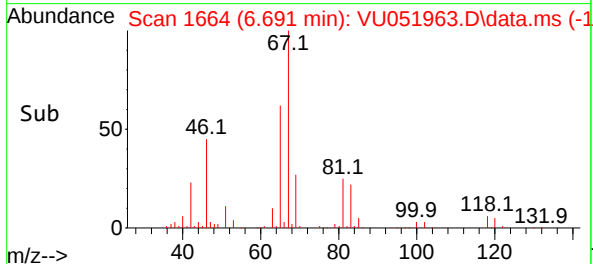
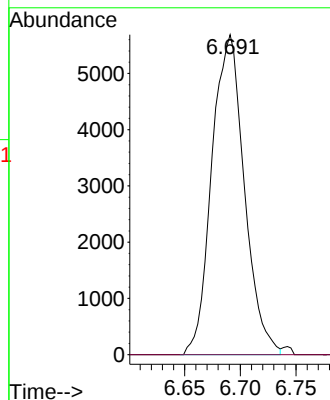
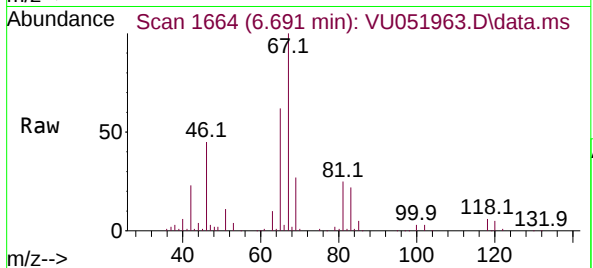
BH1J2

Tgt Ion: 63 Resp: 11562

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.038 min

Lab File: VU051963.D

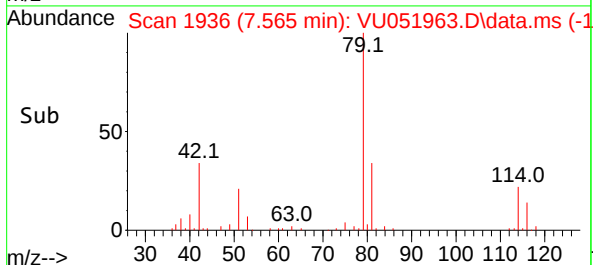
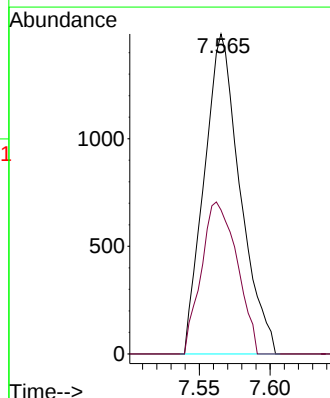
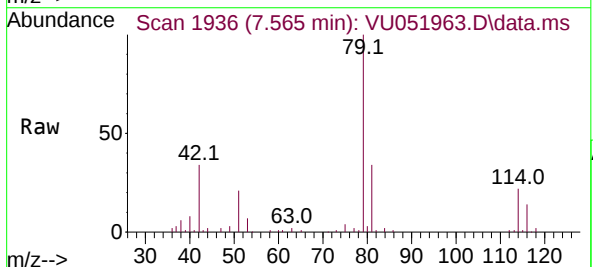
Acq: 19 Nov 2022 19:11

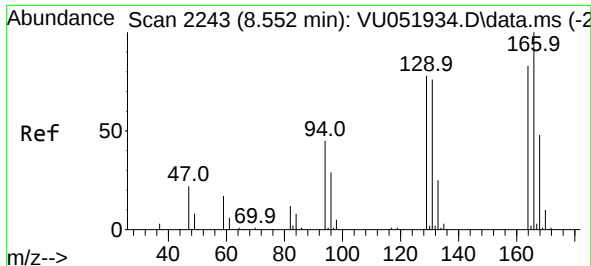
Tgt Ion: 75 Resp: 2610

Ion Ratio Lower Upper

75 100

77 45.0 22.0 40.8#

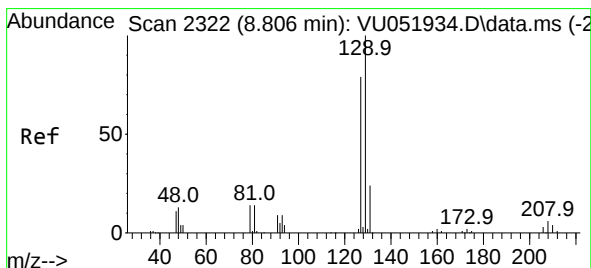
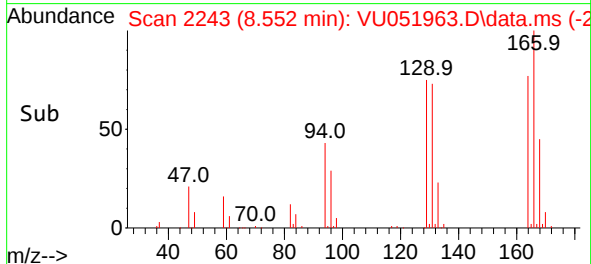
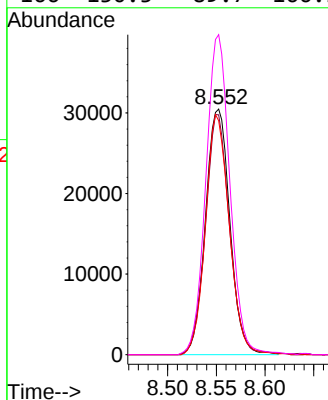
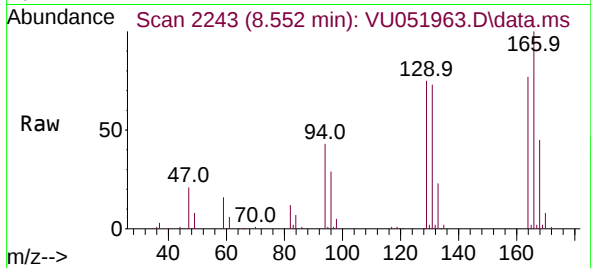




#47
Tetrachloroethene
Concen: 3.546 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

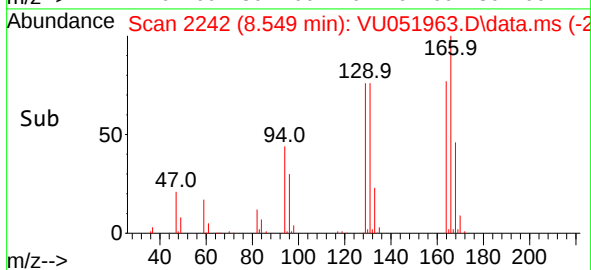
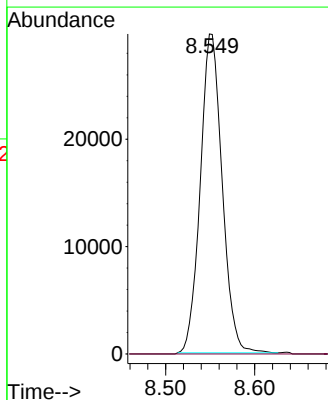
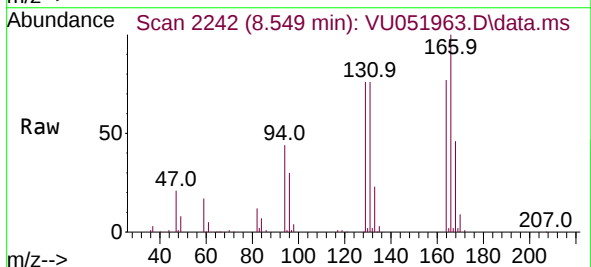
Instrument :
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BH1J2

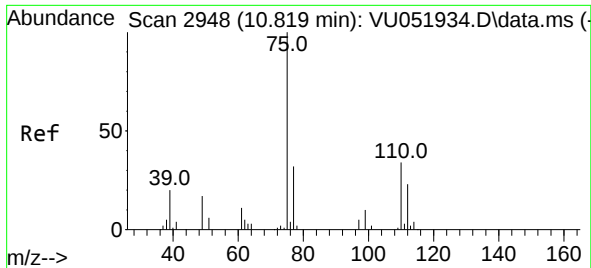
Tgt Ion:164	Resp:	53246	
Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.4	125.2
131	95.2	67.1	124.7
166	130.3	89.7	166.5



#49
Dibromochloromethane
Concen: 2.952 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU051963.D
Acq: 19 Nov 2022 19:11

Tgt Ion:129	Resp:	50535	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.046 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU051963.D
 Acq: 19 Nov 2022 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2

Tgt Ion: 75 Resp: 11104
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.3 42.5#
 77 31.0 26.2 39.2

