

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051954.D
 Acq On : 19 Nov 2022 14:47
 Operator : JC/MD
 Sample : N5693-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN92

Quant Time: Nov 19 21:44:31 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	228224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104526	4.708	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.912	69	85509	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.565	65	36241	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.616	46	197046	48.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	5.060	84	160691	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.700	65	82262	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.726	84	341632	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.687	67	107715	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.896	98	270686	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.176	79	33093	4.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.629	63	152115	46.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89277	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	88941	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3884	0.156	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1134	0.068	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	4116	0.249	ug/L #	1
13) Acetone	2.620	43	257888	94.379	ug/L	100
16) Methylene chloride	3.044	84	76864	3.432	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	24802	1.398	ug/L	97
19) 1,1-Dichloroethane	3.874	63	7173	0.224	ug/L #	96
22) cis-1,2-Dichloroethene	4.665	96	1938917	104.100	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	46387	1.825	ug/L	96
31) Carbon tetrachloride	5.530	117	3480	0.161	ug/L	88
34) Trichloroethene	6.542	95	9589917	515.732	ug/L	97
35) Methylcyclohexane	6.690	83	24862	0.929	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11118	0.576	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2286	0.092	ug/L #	70
47) Tetrachloroethene	8.552	164	126572	8.882	ug/L	99
49) Dibromochloromethane	8.552	129	121761	7.495	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10248	1.047	ug/L #	67

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051954.D
Acq On : 19 Nov 2022 14:47
Operator : JC/MD
Sample : N5693-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN92

Quant Time: Nov 19 21:44:31 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

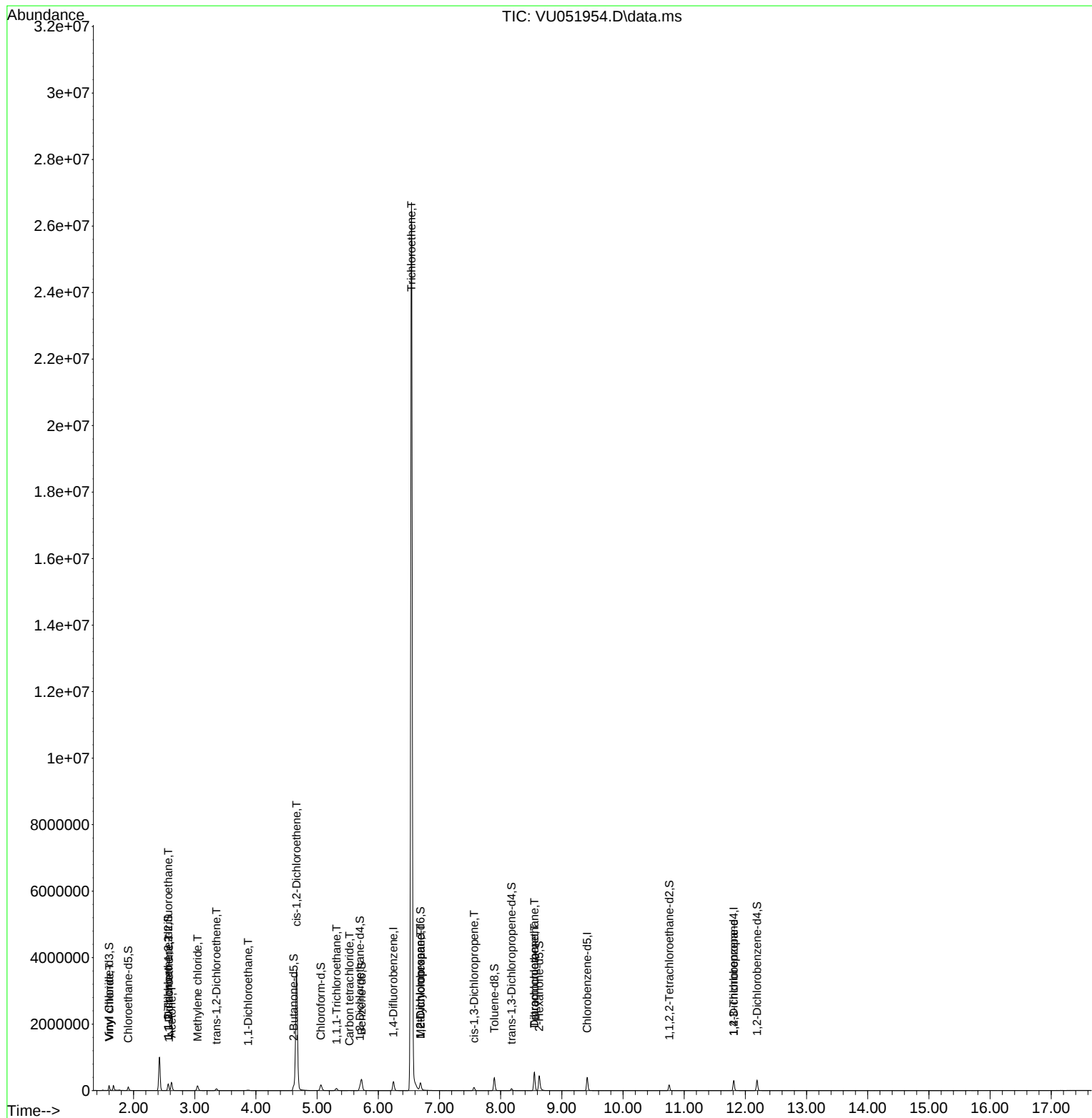
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

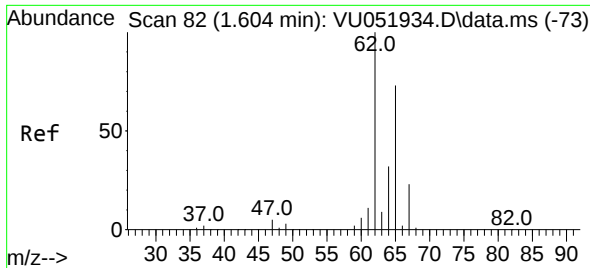
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051954.D
Acq On : 19 Nov 2022 14:47
Operator : JC/MD
Sample : N5693-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN92

Quant Time: Nov 19 21:44:31 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

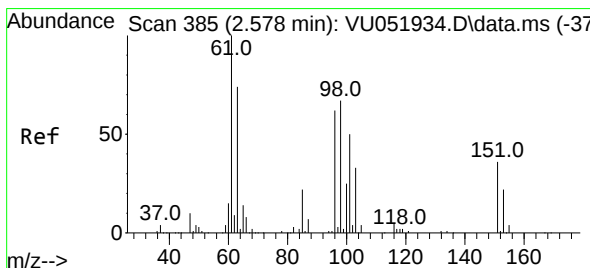
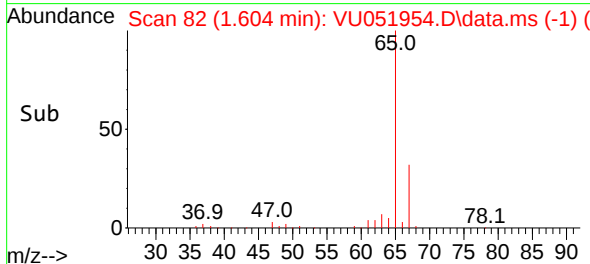
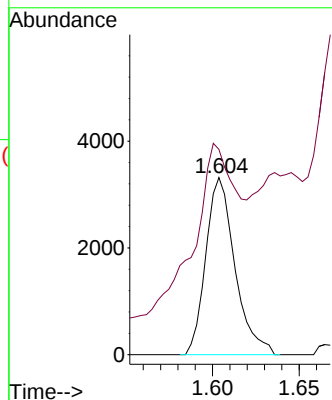
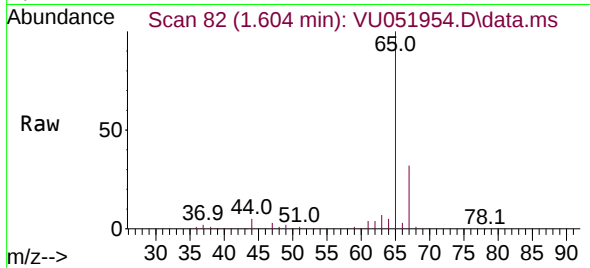




#5
 Vinyl chloride
 Concen: 0.156 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051954.D
 Acq: 19 Nov 2022 14:47

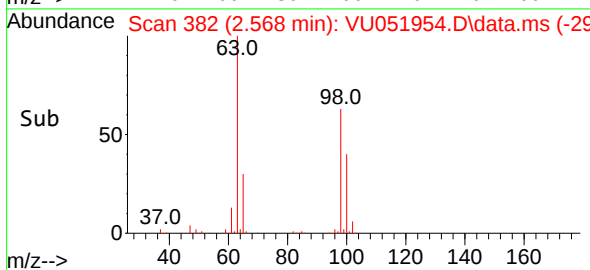
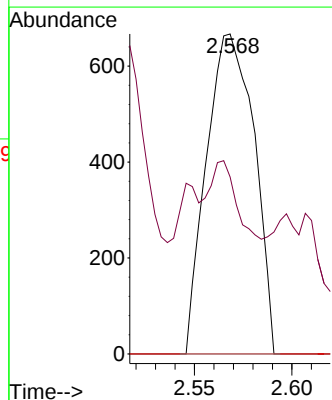
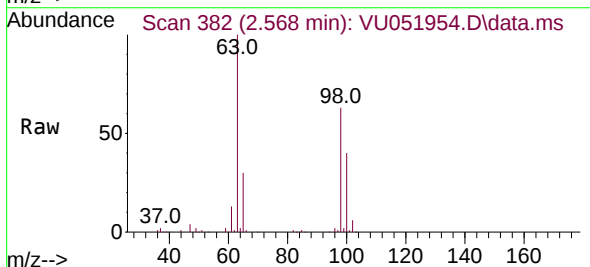
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN92

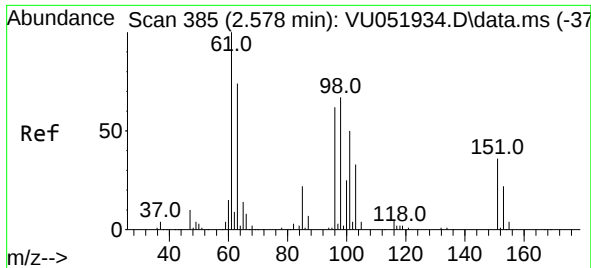
Tgt Ion: 62 Resp: 3884
 Ion Ratio Lower Upper
 62 100
 64 115.9 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051954.D
 Acq: 19 Nov 2022 14:47

Tgt Ion: 101 Resp: 1134
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#

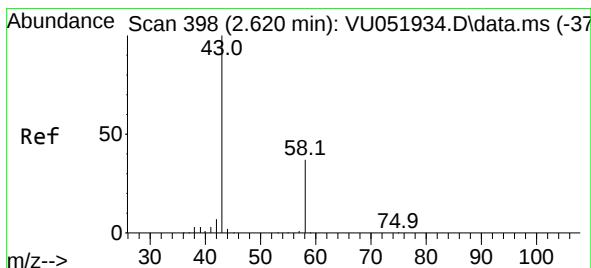
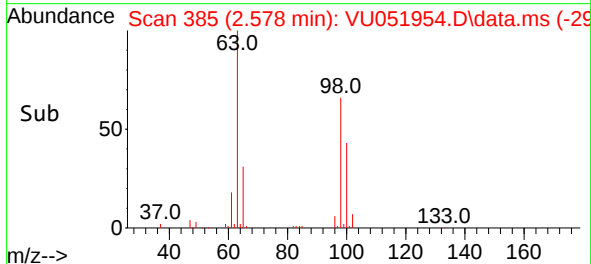
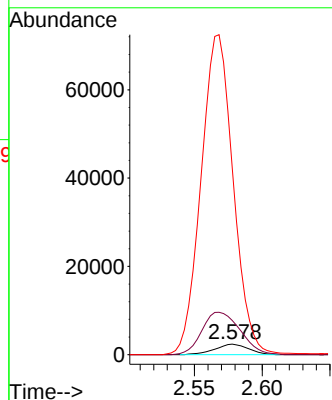
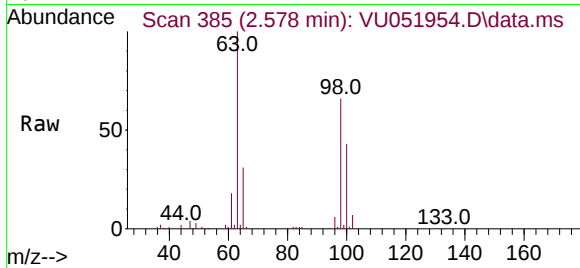




#12
1,1-Dichloroethene
Concen: 0.249 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

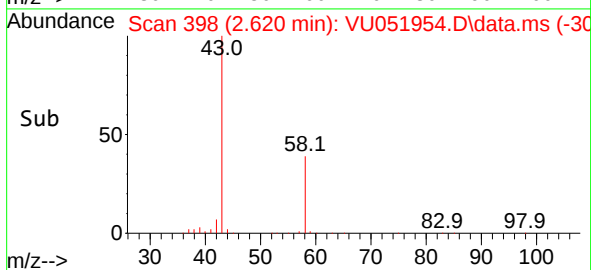
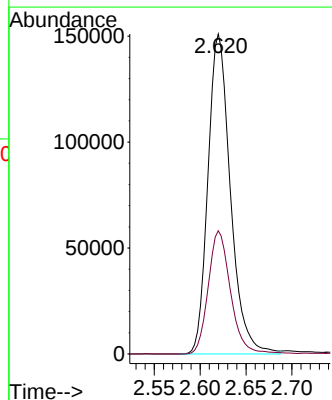
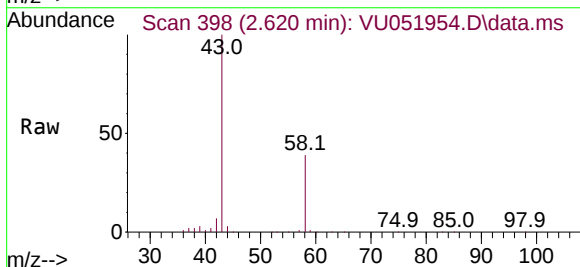
Instrument :
MSVOA_U
ClientSampleId :
GBN92

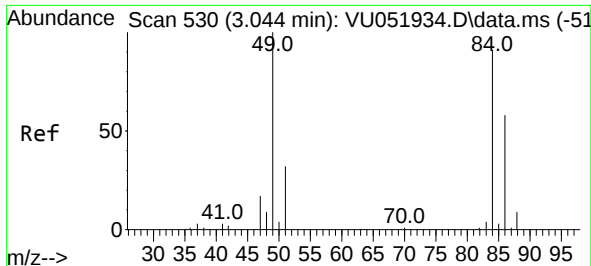
Tgt Ion: 96 Resp: 4116
Ion Ratio Lower Upper
96 100
61 325.9 114.8 213.2#
63 1783.5 93.7 174.1#



#13
Acetone
Concen: 94.379 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

Tgt Ion: 43 Resp: 257888
Ion Ratio Lower Upper
43 100
58 38.2 0.0 76.0

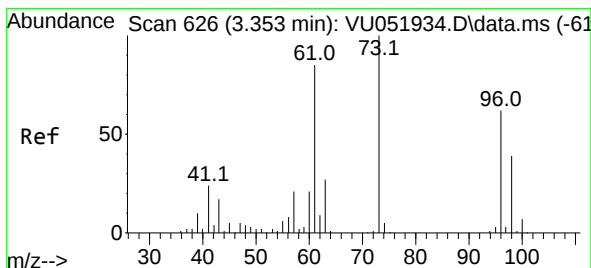
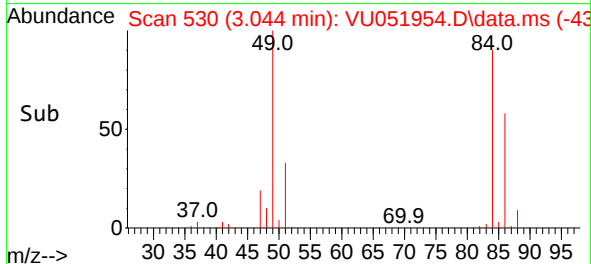
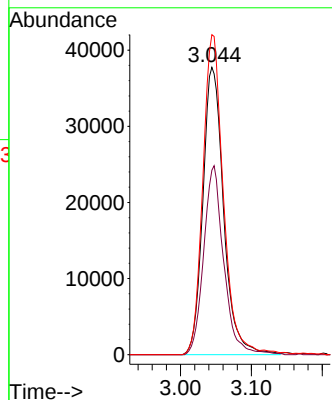
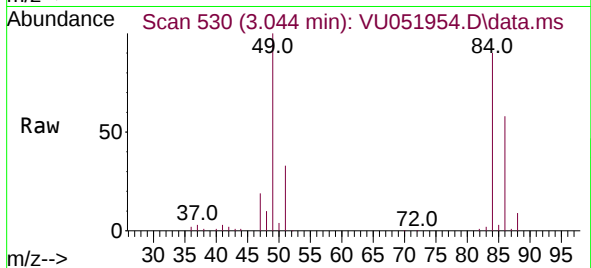




#16
Methylene chloride
Concen: 3.432 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

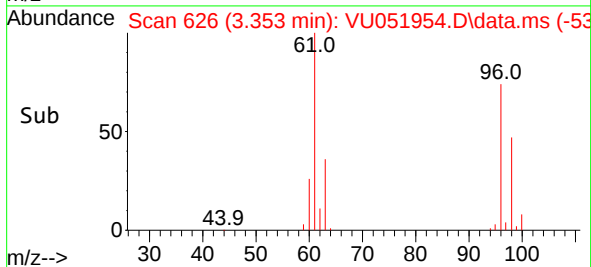
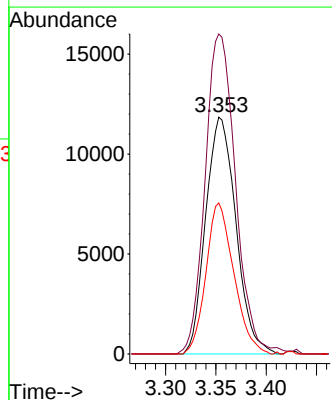
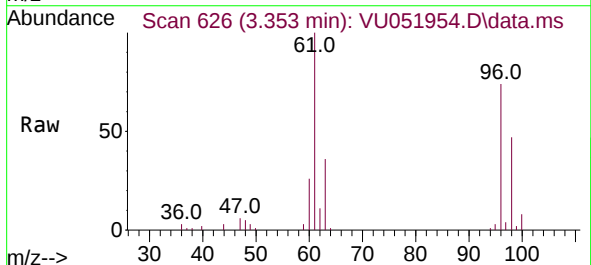
Instrument :
MSVOA_U
ClientSampleId :
GBN92

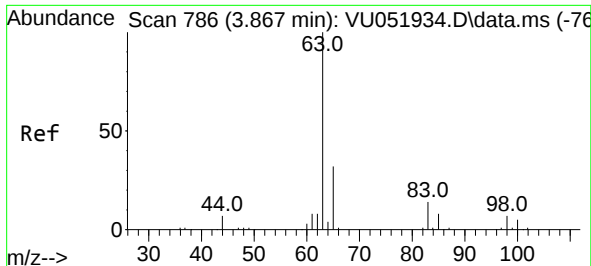
Tgt Ion: 84 Resp: 76864
Ion Ratio Lower Upper
84 100
86 64.2 43.8 81.4
49 111.3 75.9 141.1



#18
trans-1,2-Dichloroethene
Concen: 1.398 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

Tgt Ion: 96 Resp: 24802
Ion Ratio Lower Upper
96 100
61 135.2 97.9 181.7
98 63.8 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU051954.D

Acq: 19 Nov 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

GBN92

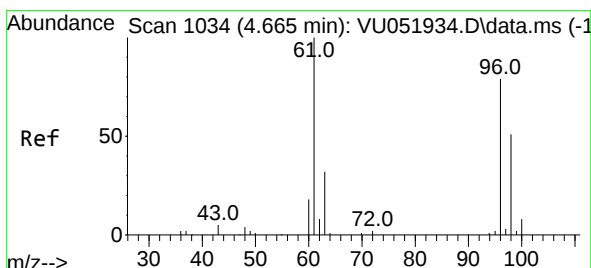
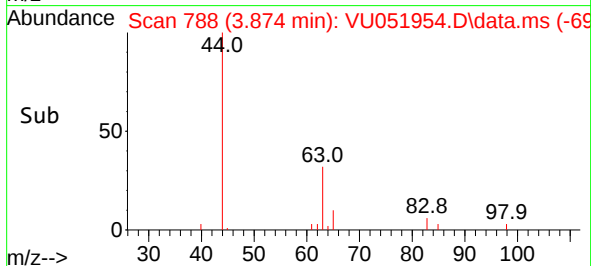
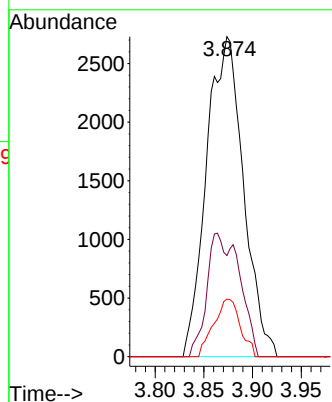
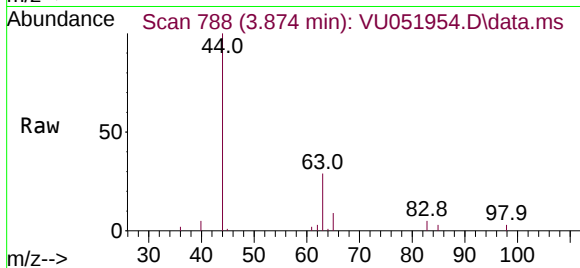
Tgt Ion: 63 Resp: 7173

Ion Ratio Lower Upper

63 100

65 31.6 22.2 41.2

83 18.0 9.2 17.0#



#22

cis-1,2-Dichloroethene

Concen: 104.100 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051954.D

Acq: 19 Nov 2022 14:47

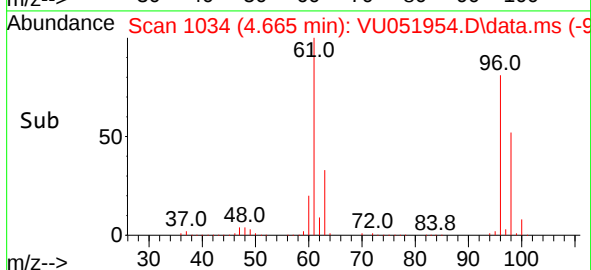
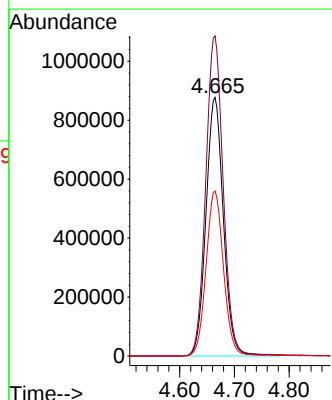
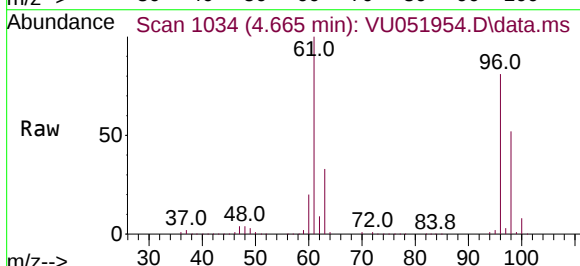
Tgt Ion: 96 Resp: 1938917

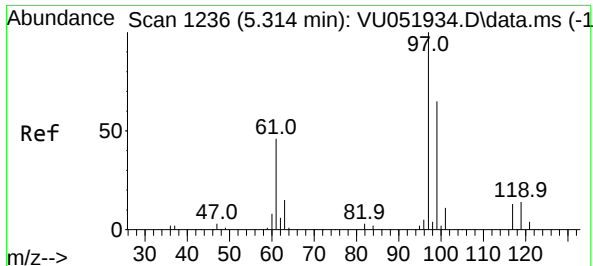
Ion Ratio Lower Upper

96 100

61 123.8 85.1 158.1

98 63.8 42.8 79.6

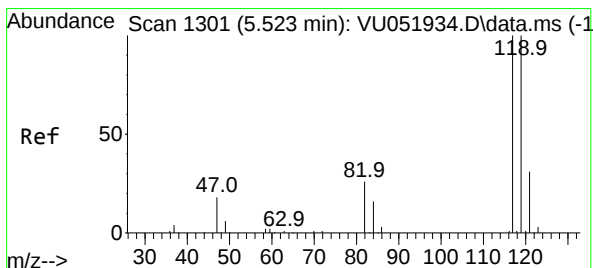
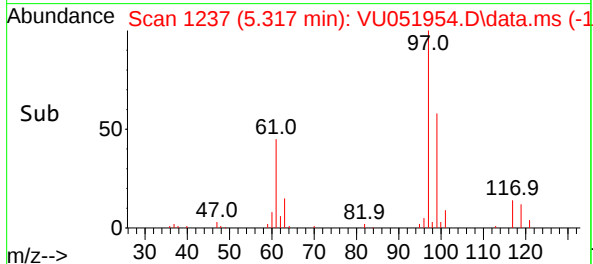
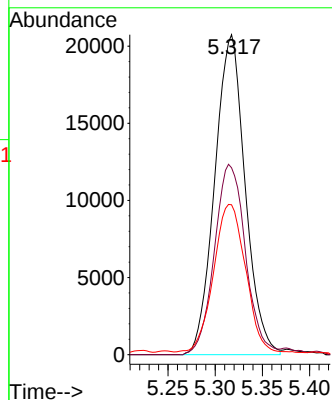
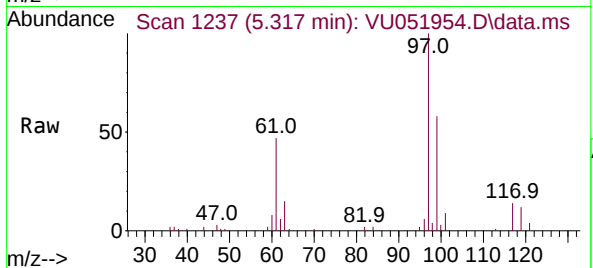




#29
1,1,1-Trichloroethane
Concen: 1.825 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

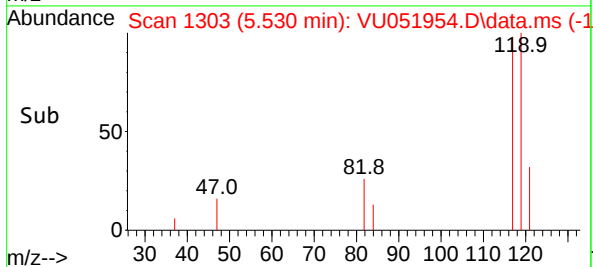
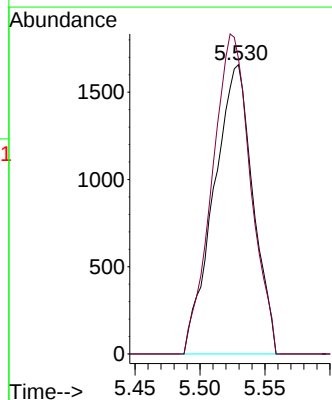
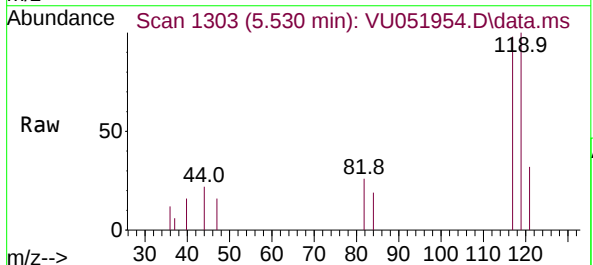
Instrument :
MSVOA_U
ClientSampleId :
GBN92

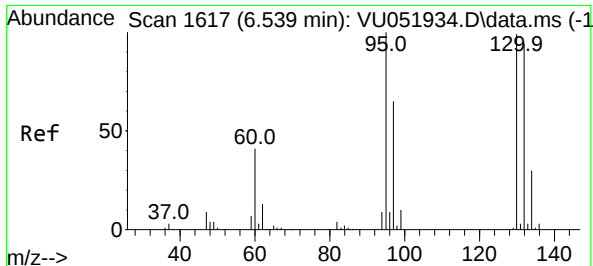
Tgt Ion: 97 Resp: 46387
Ion Ratio Lower Upper
97 100
99 60.8 51.0 76.6
61 48.7 36.9 55.3



#31
Carbon tetrachloride
Concen: 0.161 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

Tgt Ion: 117 Resp: 3480
Ion Ratio Lower Upper
117 100
119 108.5 77.2 115.8



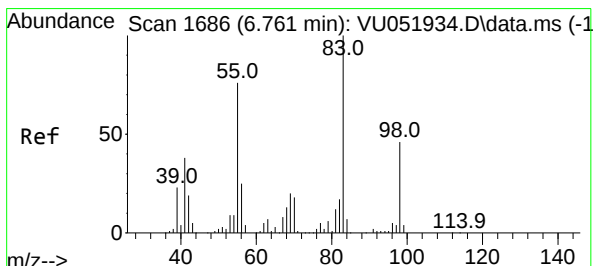
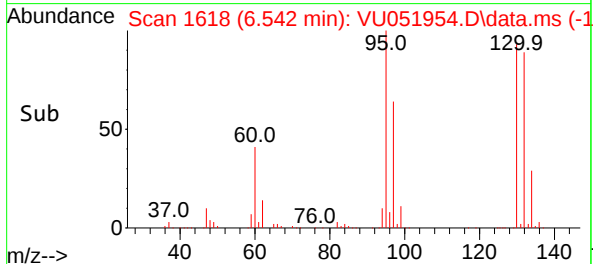
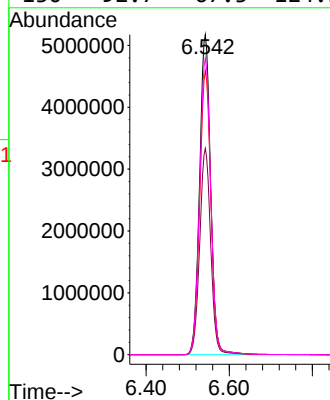
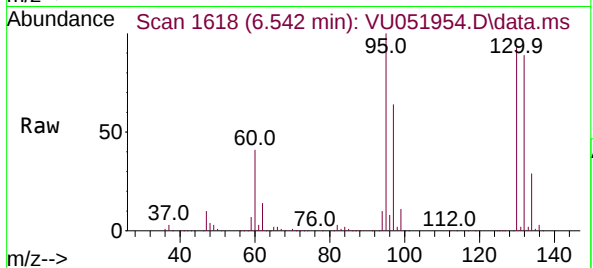


#34
Trichloroethene
Concen: 515.732 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

Instrument :
MSVOA_U
ClientSampleId :
GBN92

Tgt Ion: 95 Resp: 9589917

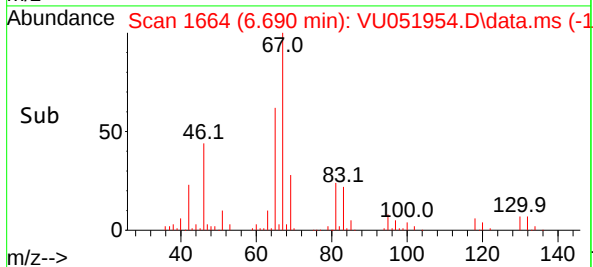
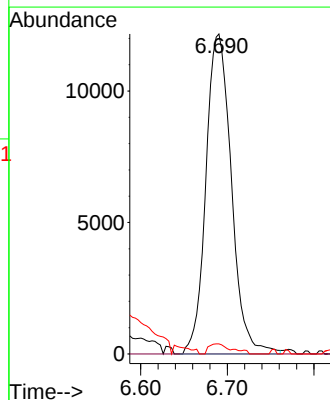
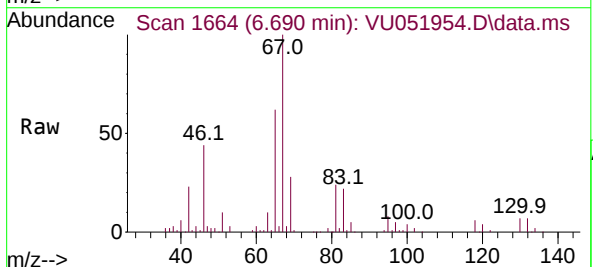
Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.7	81.1
132	88.7	64.3	119.3
130	92.7	67.3	124.9

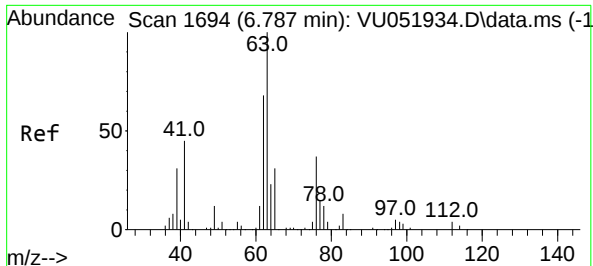


#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051954.D
Acq: 19 Nov 2022 14:47

Tgt Ion: 83 Resp: 24862

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.0	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051954.D

Acq: 19 Nov 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

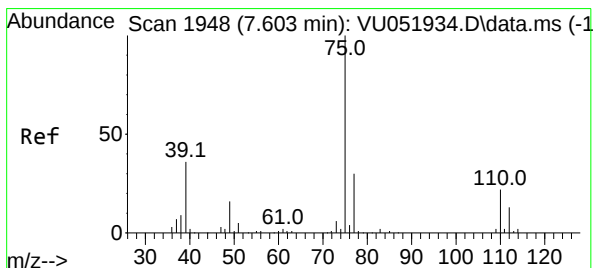
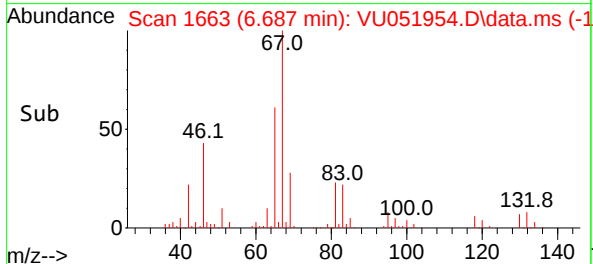
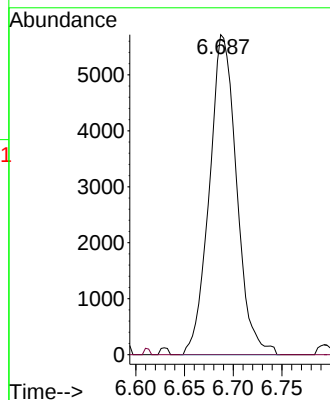
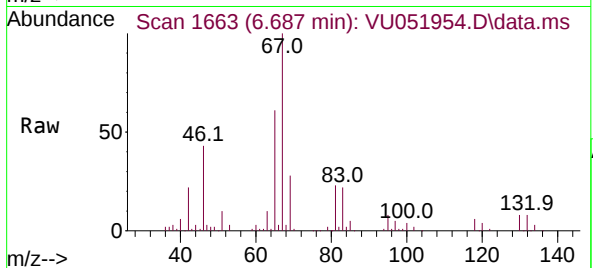
GBN92

Tgt Ion: 63 Resp: 11118

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU051954.D

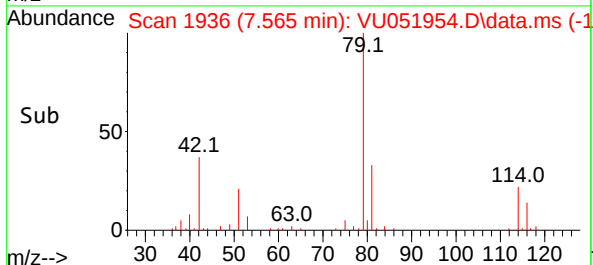
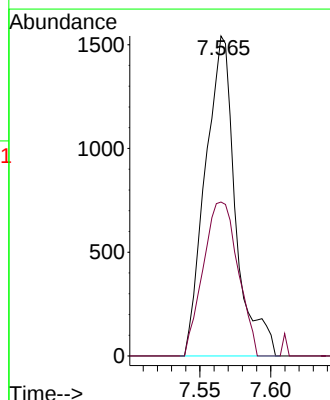
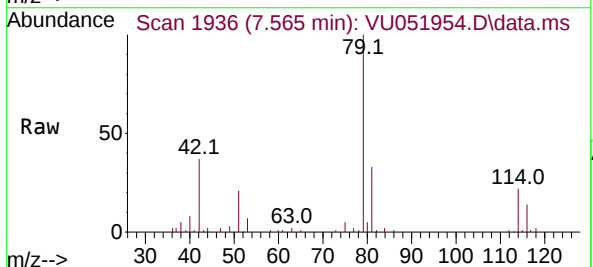
Acq: 19 Nov 2022 14:47

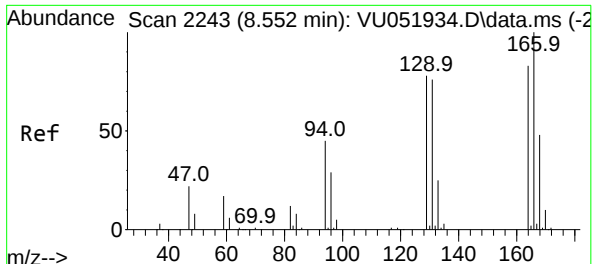
Tgt Ion: 75 Resp: 2286

Ion Ratio Lower Upper

75 100

77 48.1 22.0 40.8#





#47

Tetrachloroethene

Concen: 8.882 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051954.D

Acq: 19 Nov 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

GBN92

Tgt Ion:164 Resp: 126572

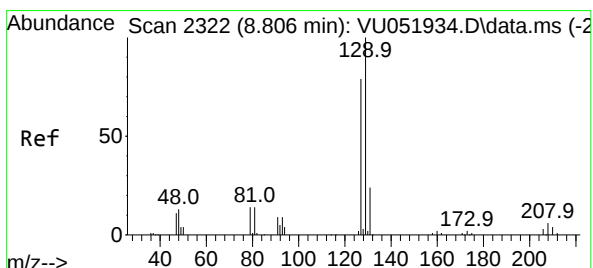
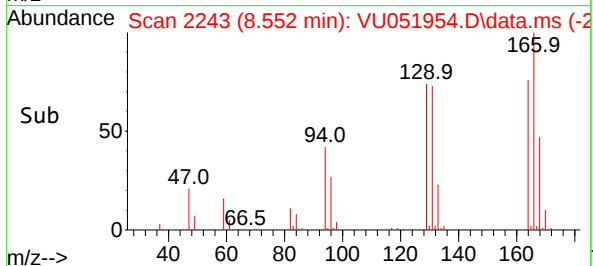
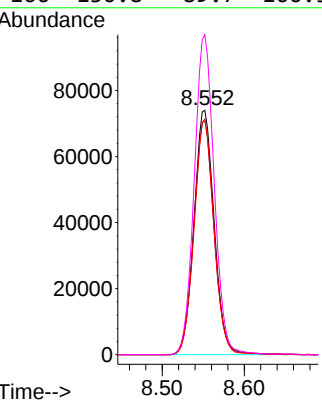
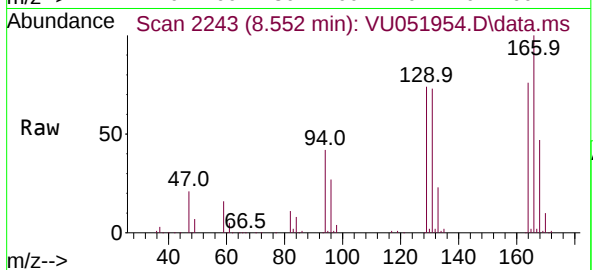
Ion Ratio Lower Upper

164 100

129 96.2 67.4 125.2

131 95.9 67.1 124.7

166 130.8 89.7 166.5



#49

Dibromochloromethane

Concen: 7.495 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051954.D

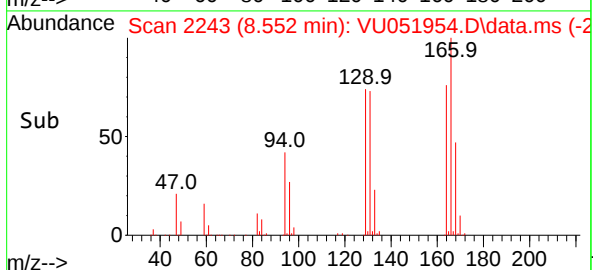
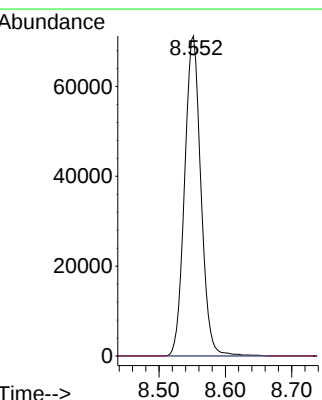
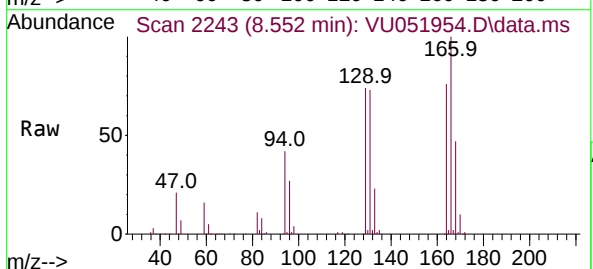
Acq: 19 Nov 2022 14:47

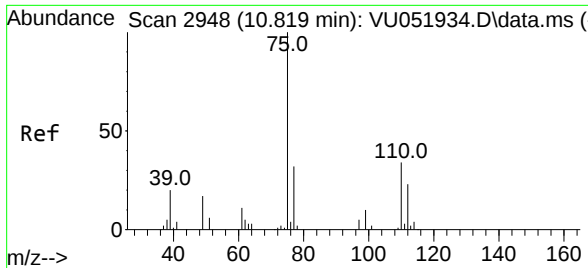
Tgt Ion:129 Resp: 121761

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.047 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051954.D
 Acq: 19 Nov 2022 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN92

Tgt Ion:	75	Resp:	10248
Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.3	42.5#
77	29.5	26.2	39.2

