

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054748.D
 Acq On : 03 Jul 2023 14:49
 Operator : MD/SY
 Sample : 03495-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC1

Quant Time: Jul 05 04:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

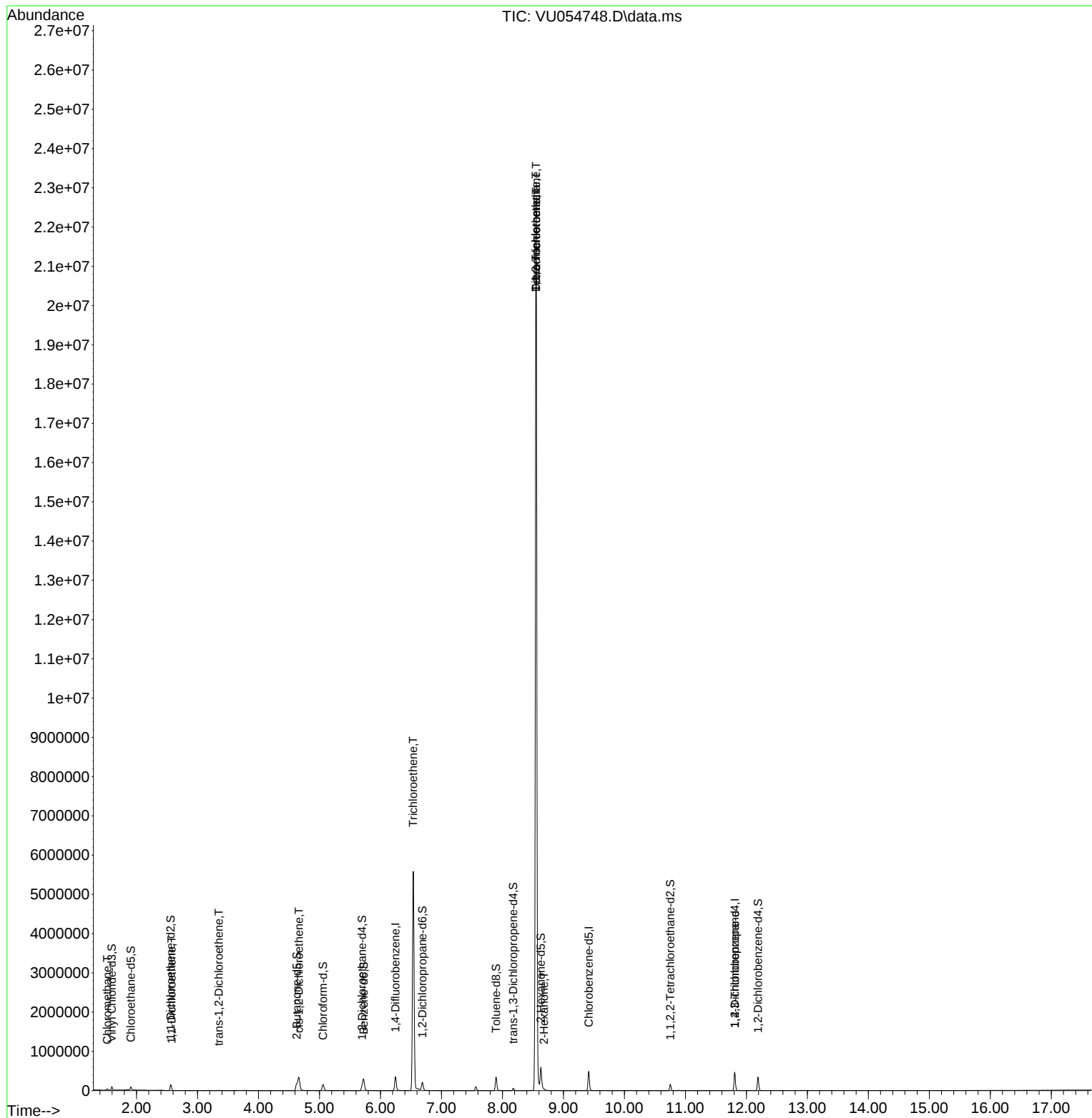
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	272867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67121	3.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	62280	3.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	29356	3.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	258446	52.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.860%
24) Chloroform-d	5.058	84	145783	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.698	65	78899	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.724	84	273788	3.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.689	67	98458	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.894	98	231292	3.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	35647	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.631	63	188272	51.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81023	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	89509	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
3) Chloromethane	1.522	50	22197	0.758	ug/L	98
12) 1,1-Dichloroethene	2.576	96	2529	0.128	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	2726	0.133	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	162821	6.997	ug/L	99
34) Trichloroethene	6.537	95	1933516	75.221	ug/L	96
45) 1,1,2-Trichloroethane	8.550	97	44705	2.674	ug/L #	1
47) Tetrachloroethene	8.553	164	4906890	249.384	ug/L	98
48) 2-Hexanone	8.682	43	9743	0.932	ug/L #	84
49) Dibromochloromethane	8.553	129	4775126	271.986	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	16542	1.343	ug/L #	66

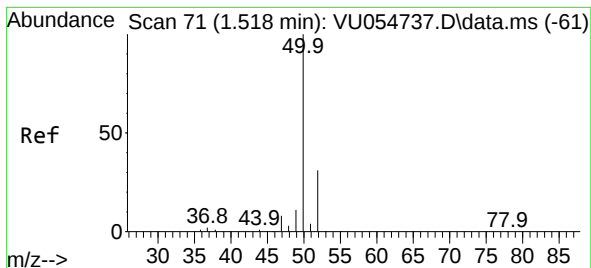
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.758 ug/L

RT: 1.522 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU054748.D

Acq: 03 Jul 2023 14:49

Instrument :

MSVOA_U

ClientSampleId :

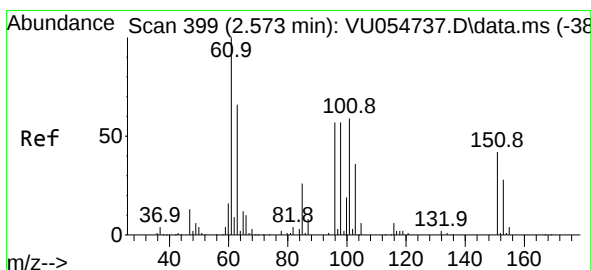
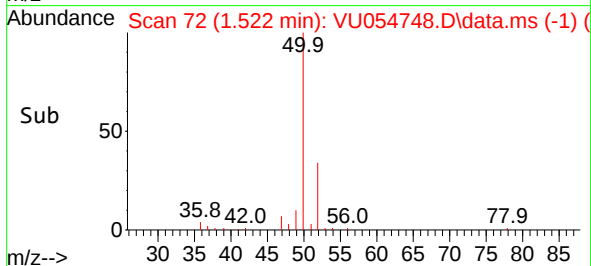
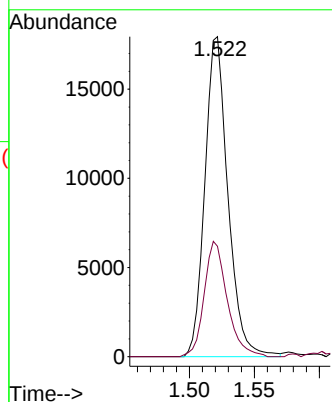
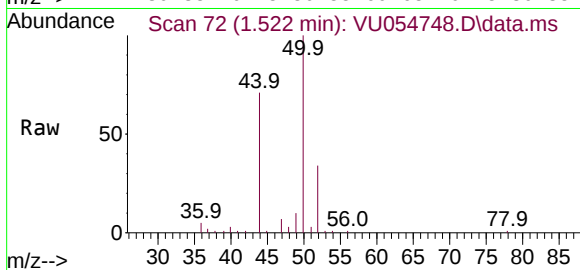
H0FC1

Tgt Ion: 50 Resp: 22197

Ion Ratio Lower Upper

50 100

52 34.5 23.4 43.4



#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054748.D

Acq: 03 Jul 2023 14:49

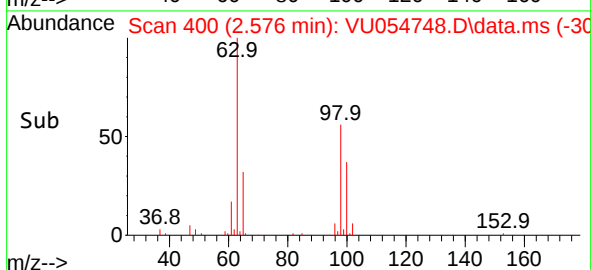
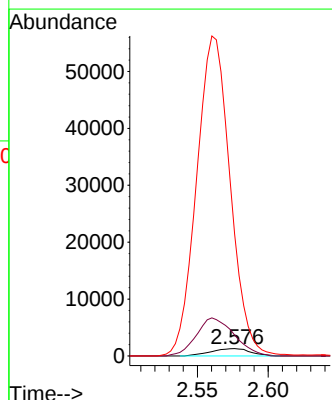
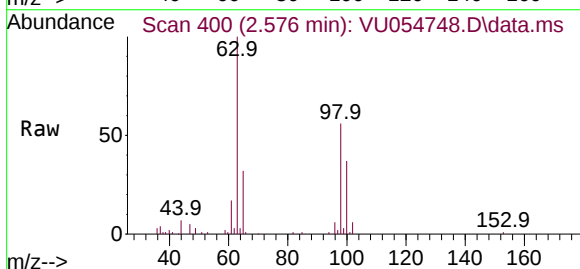
Tgt Ion: 96 Resp: 2529

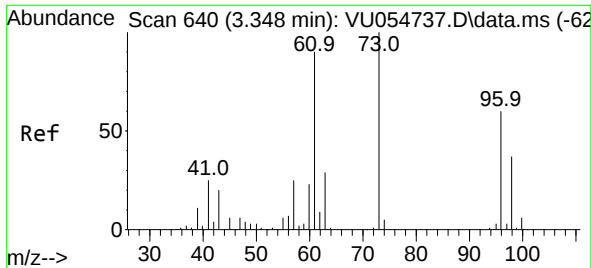
Ion Ratio Lower Upper

96 100

61 284.8 119.9 222.7#

63 1658.1 64.3 119.3#

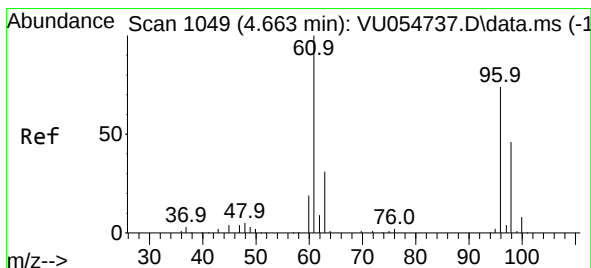
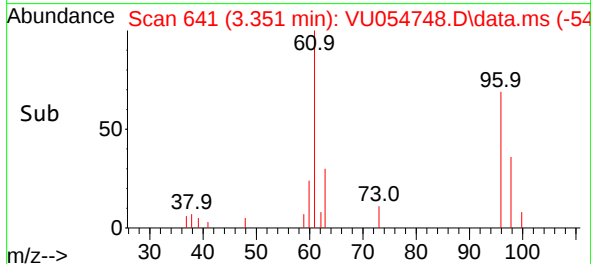
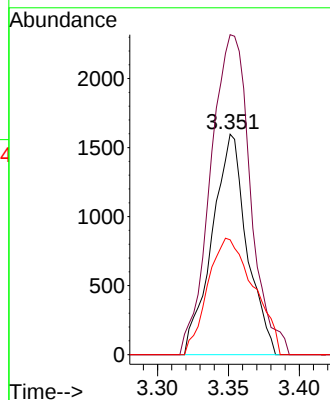
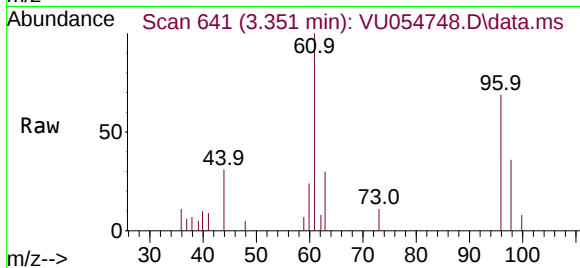




#18
trans-1,2-Dichloroethene
Concen: 0.133 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

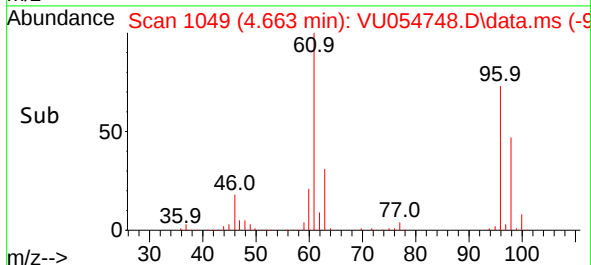
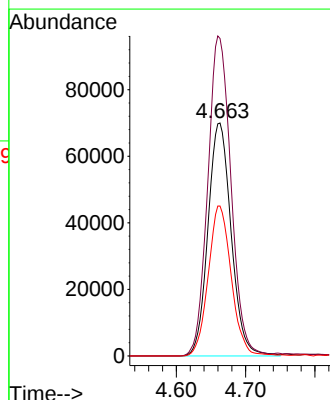
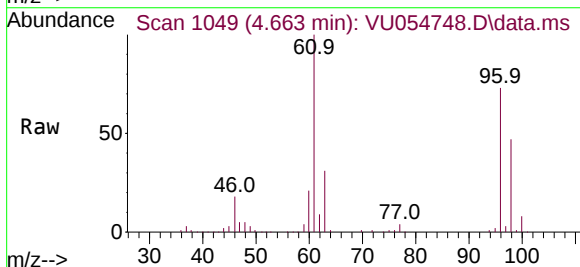
Instrument :
MSVOA_U
ClientSampleId :
H0FC1

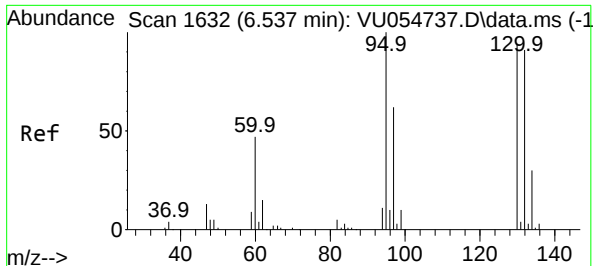
Tgt Ion: 96 Resp: 2726
Ion Ratio Lower Upper
96 100
61 145.1 104.6 194.2
98 52.1 45.4 84.4



#22
cis-1,2-Dichloroethene
Concen: 6.997 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

Tgt Ion: 96 Resp: 162821
Ion Ratio Lower Upper
96 100
61 136.3 96.5 179.1
98 64.3 44.9 83.3





#34

Trichloroethene

Concen: 75.221 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054748.D

Acq: 03 Jul 2023 14:49

Instrument :

MSVOA_U

ClientSampleId :

H0FC1

Tgt Ion: 95 Resp: 1933516

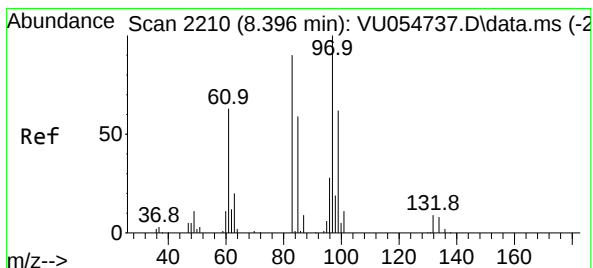
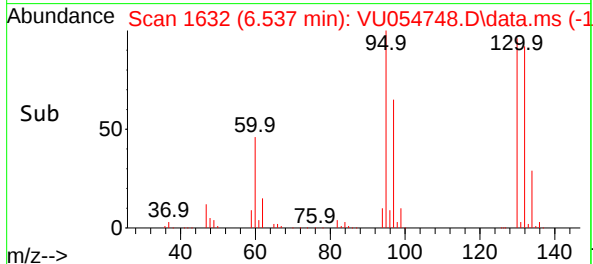
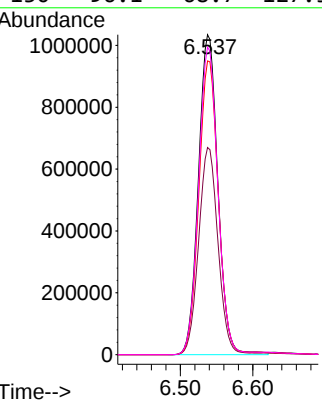
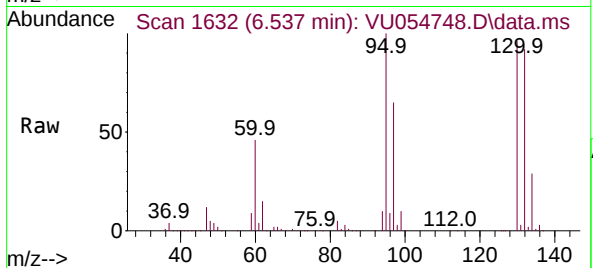
Ion Ratio Lower Upper

95 100

97 64.8 46.8 87.0

132 91.8 68.4 127.0

130 96.1 68.7 127.5



#45

1,1,2-Trichloroethane

Concen: 2.674 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.154 min

Lab File: VU054748.D

Acq: 03 Jul 2023 14:49

Tgt Ion: 97 Resp: 44705

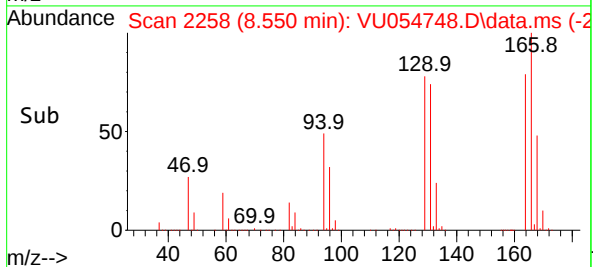
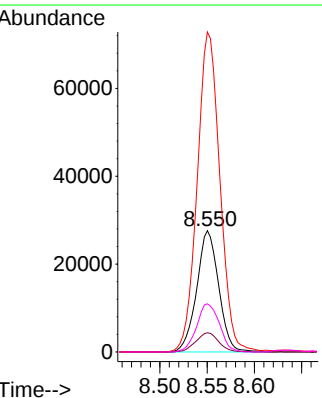
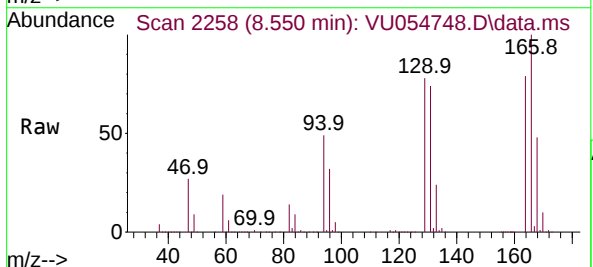
Ion Ratio Lower Upper

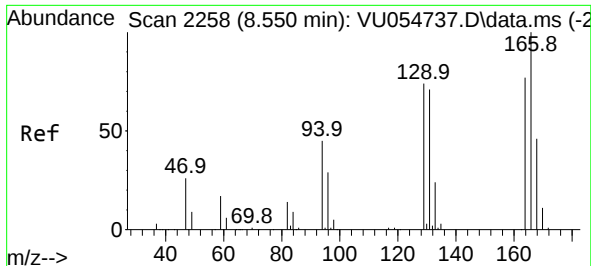
97 100

99 15.8 43.0 80.0#

83 263.7 63.8 118.6#

85 39.7 41.3 76.7#

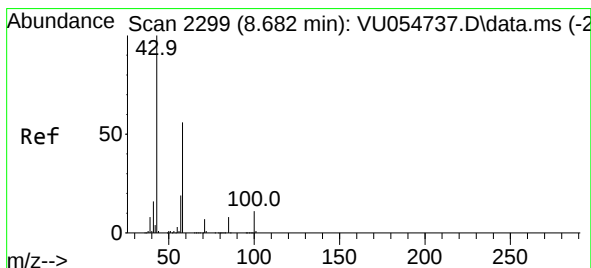
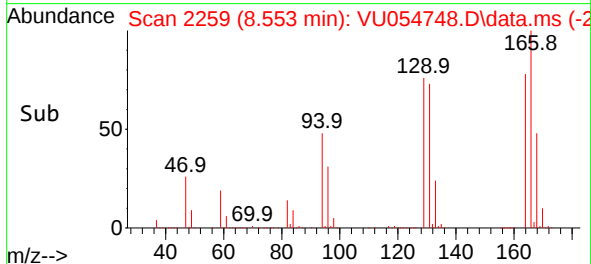
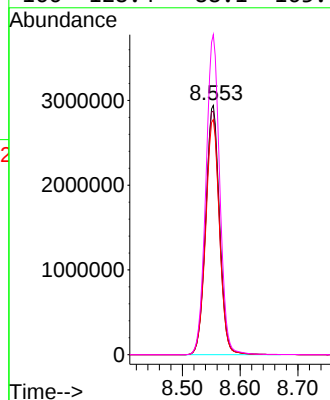
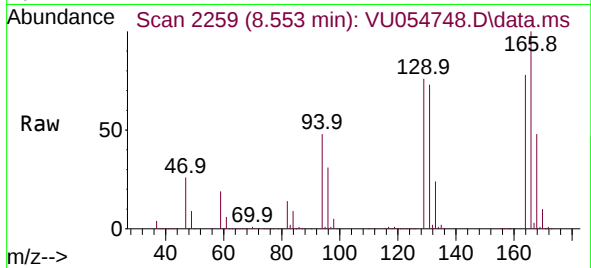




#47
Tetrachloroethene
Concen: 249.384 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

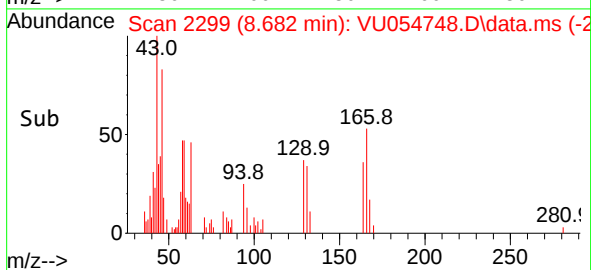
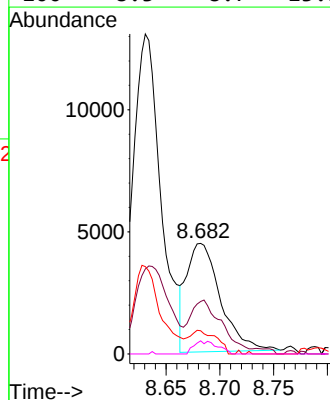
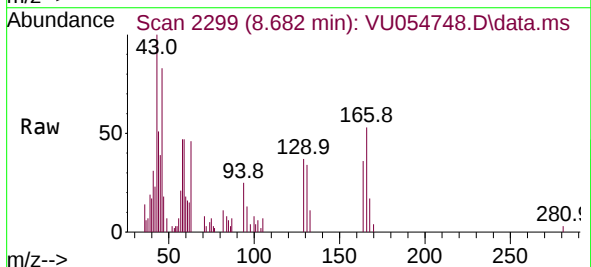
Instrument :
MSVOA_U
ClientSampleId :
H0FC1

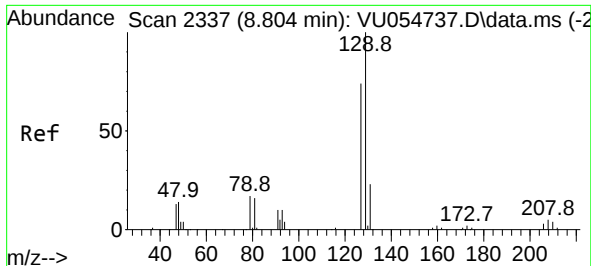
Tgt Ion:164 Resp: 4906890
Ion Ratio Lower Upper
164 100
129 97.7 67.7 125.7
131 94.3 64.6 120.0
166 128.4 88.1 163.7



#48
2-Hexanone
Concen: 0.932 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

Tgt Ion: 43 Resp: 9743
Ion Ratio Lower Upper
43 100
58 40.5 45.2 67.8#
57 17.3 15.8 23.6
100 8.3 8.7 13.1#

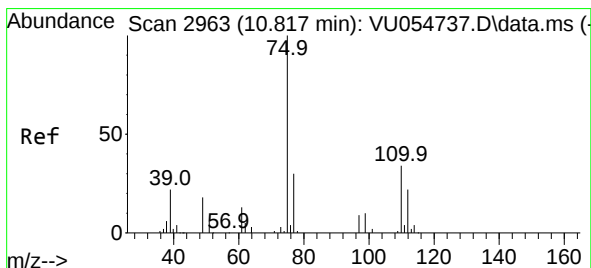
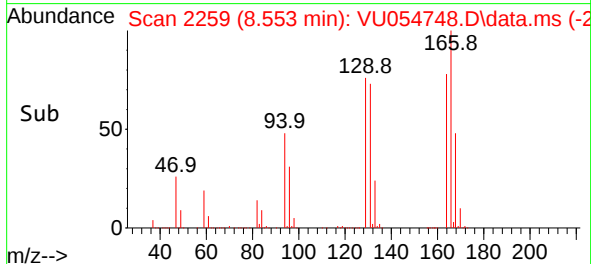
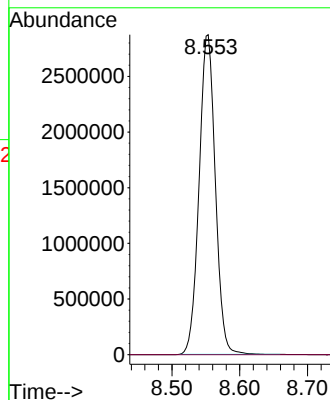
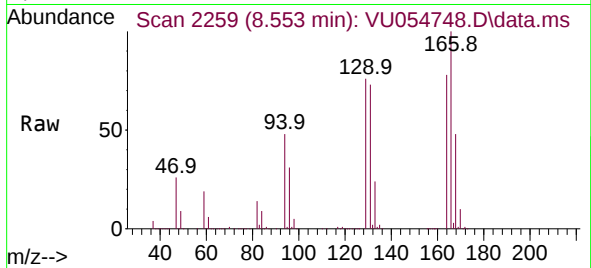




#49
Dibromochloromethane
Concen: 271.986 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

Instrument :
MSVOA_U
ClientSampleId :
H0FC1

Tgt Ion:129 Resp: 4775126
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU054748.D
Acq: 03 Jul 2023 14:49

Tgt Ion: 75 Resp: 16542
Ion Ratio Lower Upper
75 100
110 1.8 28.0 42.0#
77 36.2 25.4 38.2

