

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054716.D
 Acq On : 30 Jun 2023 12:39
 Operator : MD/SY
 Sample : 03477-01DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA41DL

Quant Time: Jul 03 06:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

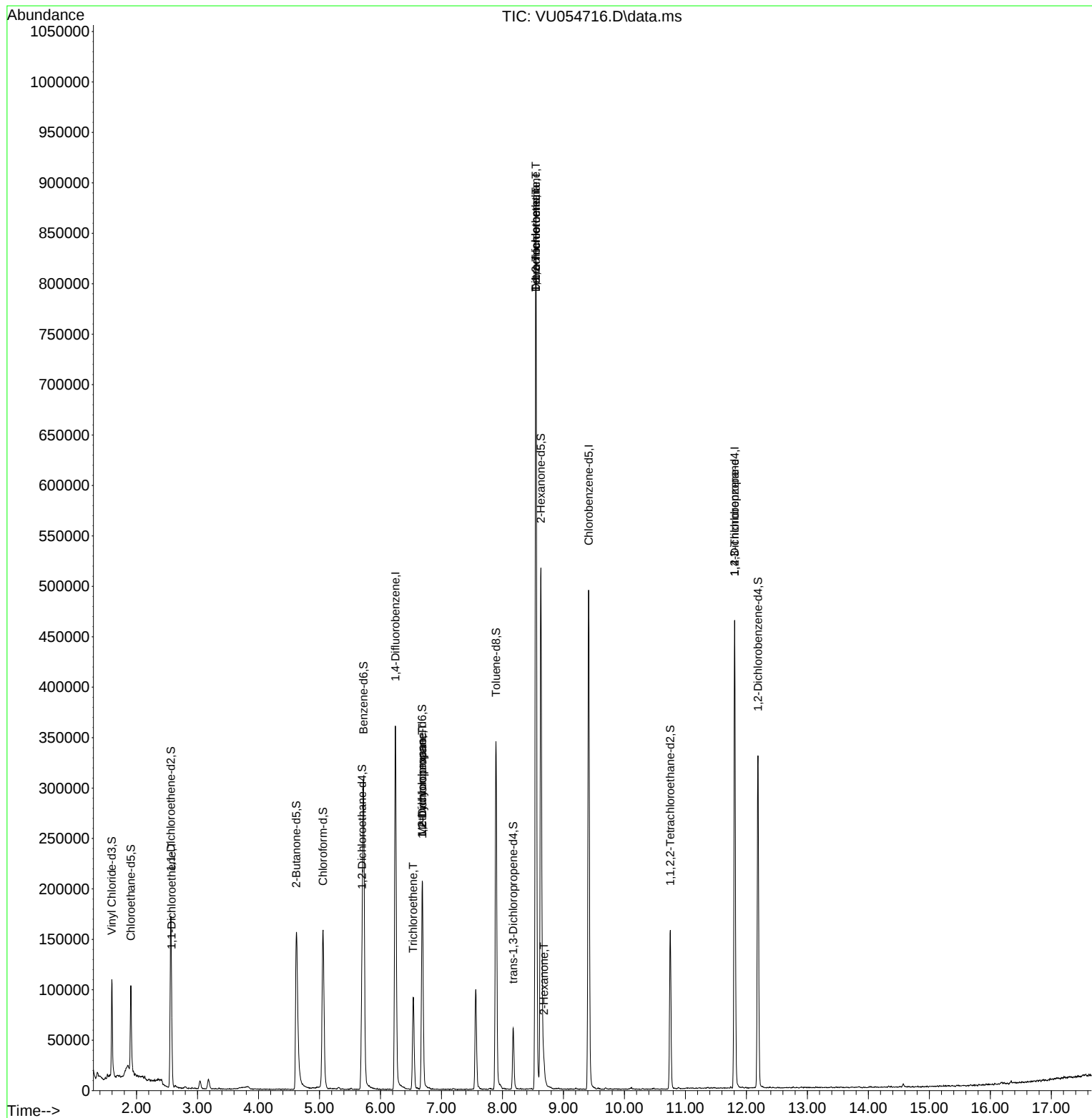
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287677	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	280435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74506	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	66526	3.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.563	65	29764	3.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.621	46	246531	47.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	5.058	84	146411	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	5.698	65	79204	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.721	84	282581	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.685	67	99943	3.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.894	98	233614	3.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	35808	3.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.631	63	166655	43.878	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82595	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	85532	4.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	9939	0.476	ug/L #	1
34) Trichloroethene	6.537	95	31885	1.196	ug/L	96
35) Methylcyclohexane	6.685	83	22716	0.564	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	10247	0.376	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	1688	0.097	ug/L #	12
47) Tetrachloroethene	8.550	164	195006	9.559	ug/L	99
48) 2-Hexanone	8.682	43	8945	0.826	ug/L #	88
49) Dibromochloromethane	8.550	129	187767	10.315	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15441	1.269	ug/L #	69

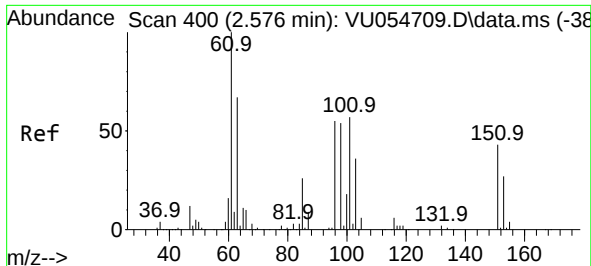
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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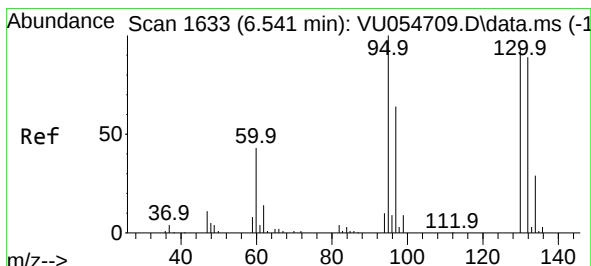
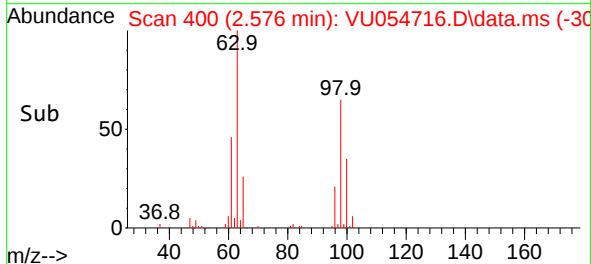
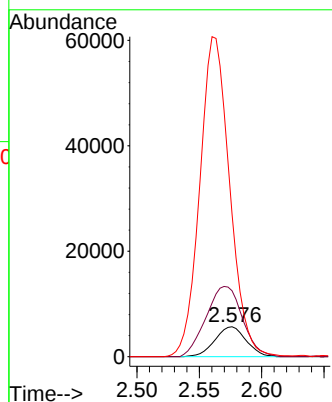
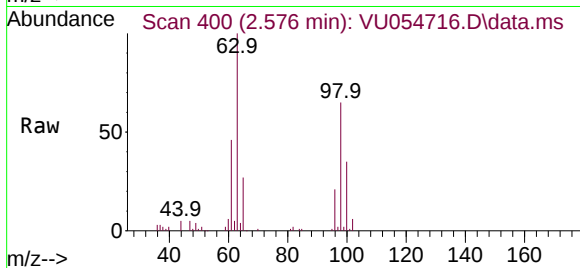




#12
1,1-Dichloroethene
Concen: 0.476 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

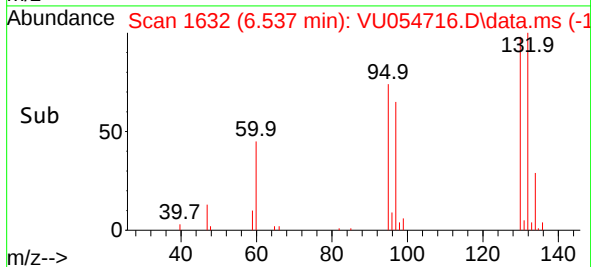
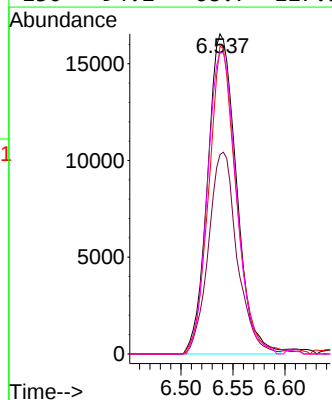
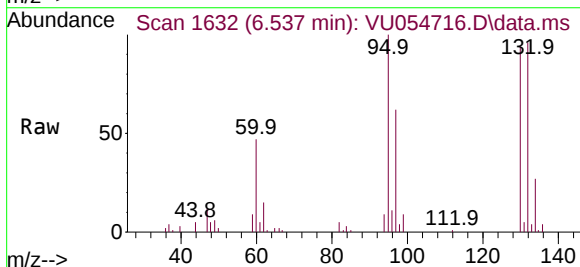
Instrument :
MSVOA_U
ClientSampleId :
HOA41DL

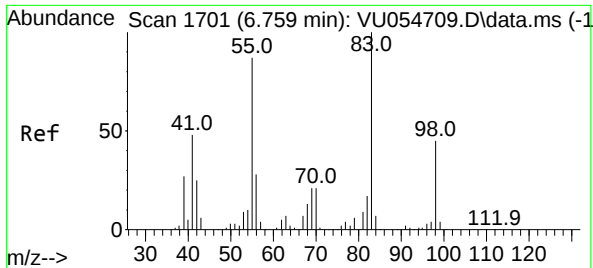
Tgt Ion: 96 Resp: 9939
Ion Ratio Lower Upper
96 100
61 220.4 119.9 222.7
63 477.6 64.3 119.3#



#34
Trichloroethene
Concen: 1.196 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 95 Resp: 31885
Ion Ratio Lower Upper
95 100
97 62.3 46.8 87.0
132 96.1 68.4 127.0
130 94.2 68.7 127.5

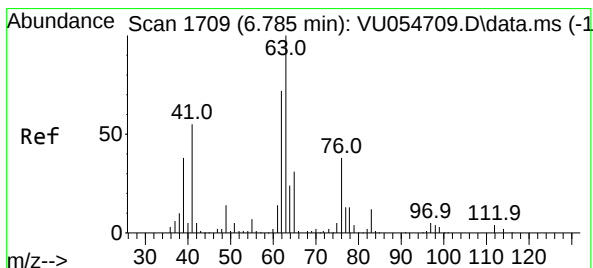
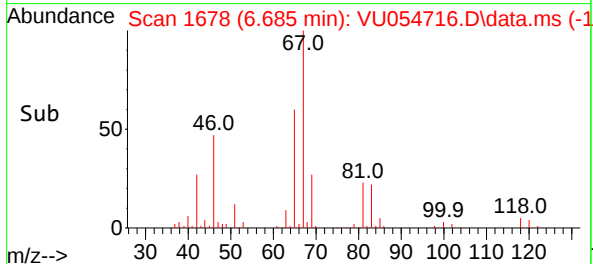
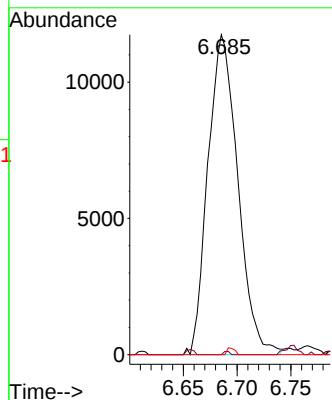
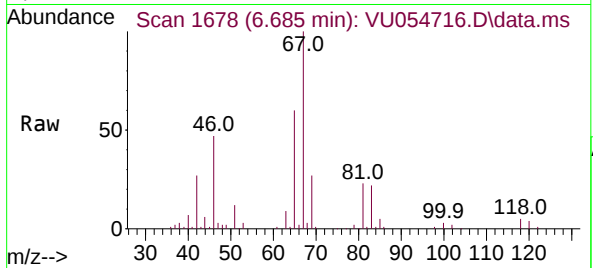




#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

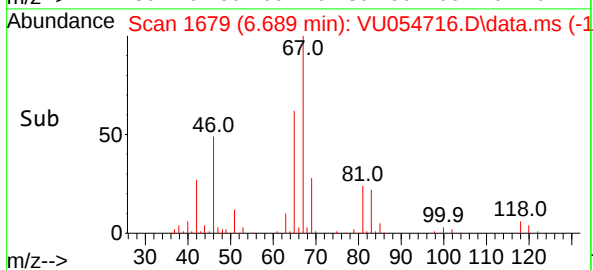
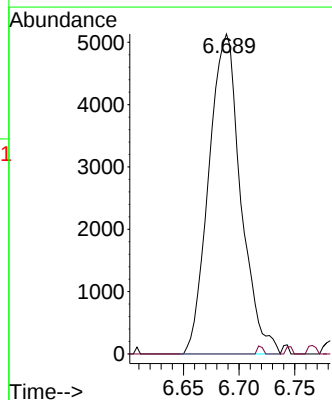
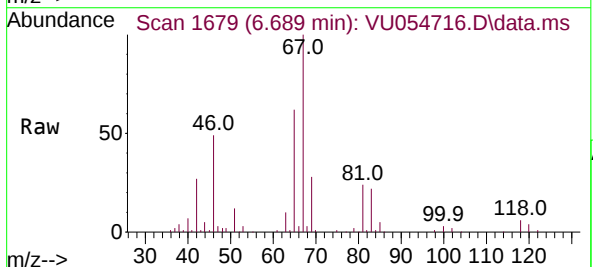
Instrument :
MSVOA_U
ClientSampleId :
HOA41DL

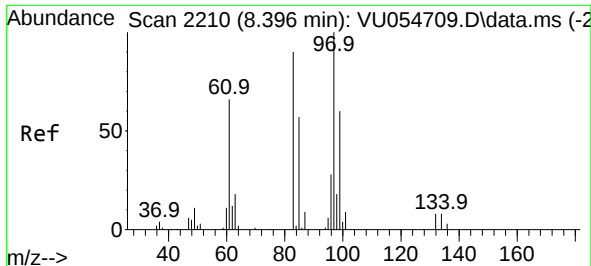
Tgt Ion: 83 Resp: 22716
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.5 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.376 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

Tgt Ion: 63 Resp: 10247
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#





#45

1,1,2-Trichloroethane

Concen: 0.097 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU054716.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_U

ClientSampleId :

HOA41DL

Tgt Ion: 97 Resp: 1688

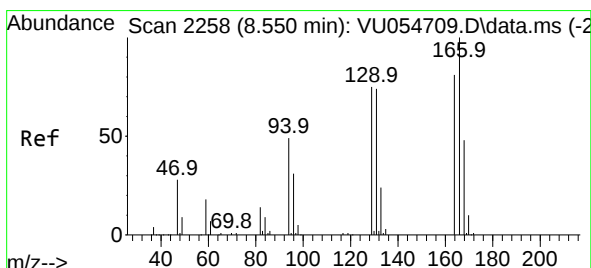
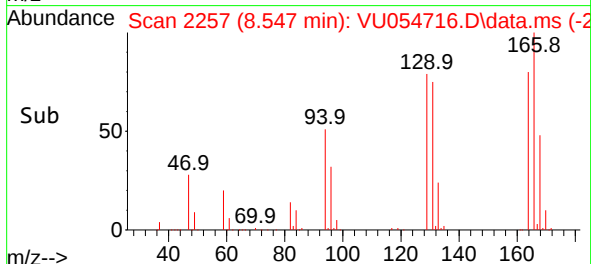
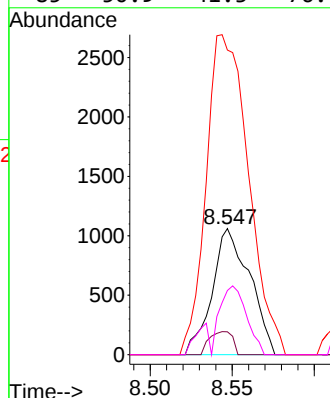
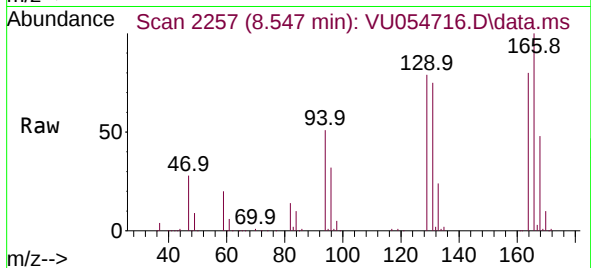
Ion Ratio Lower Upper

97 100

99 18.1 43.0 80.0#

83 241.6 63.8 118.6#

85 50.9 41.3 76.7



#47

Tetrachloroethene

Concen: 9.559 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054716.D

Acq: 30 Jun 2023 12:39

Tgt Ion:164 Resp: 195006

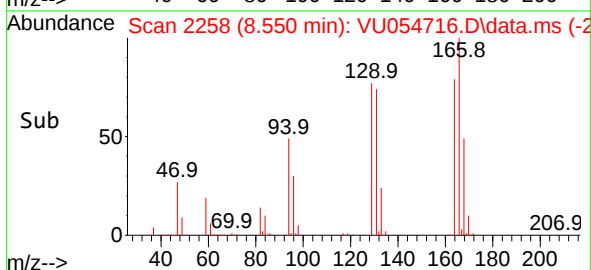
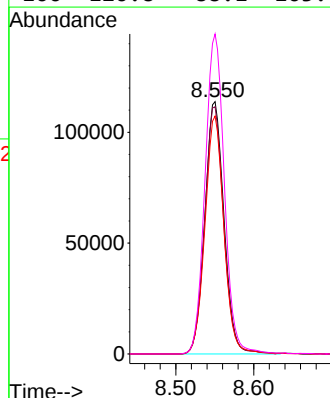
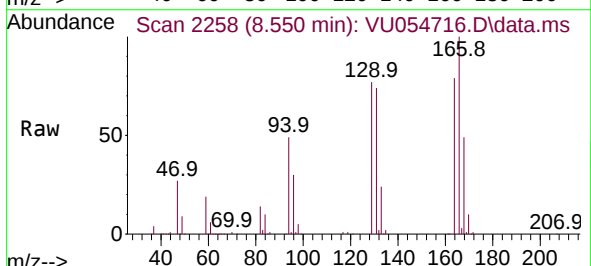
Ion Ratio Lower Upper

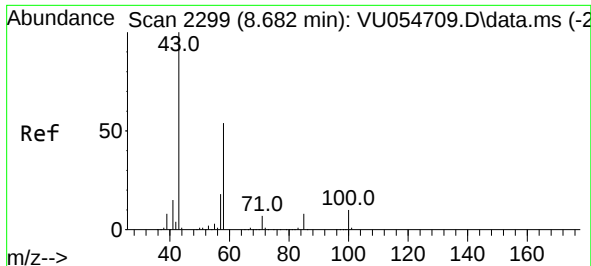
164 100

129 98.0 67.7 125.7

131 94.3 64.6 120.0

166 126.8 88.1 163.7

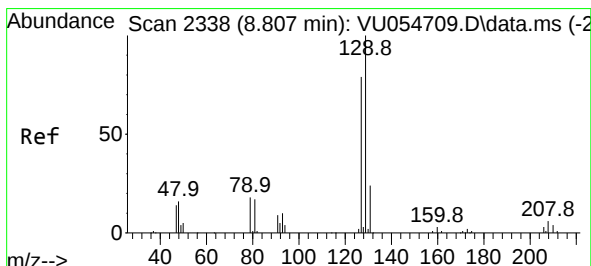
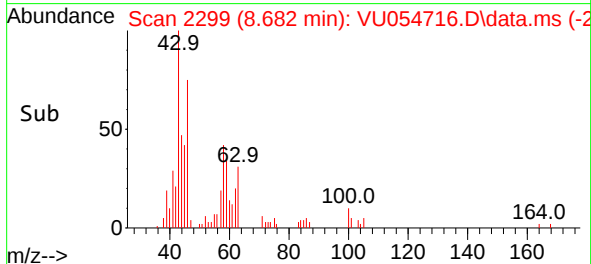
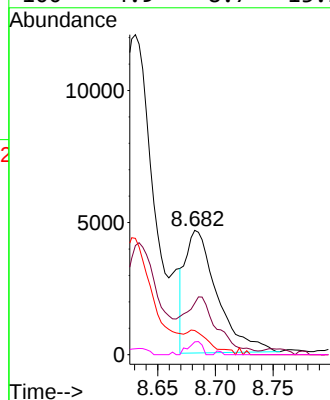
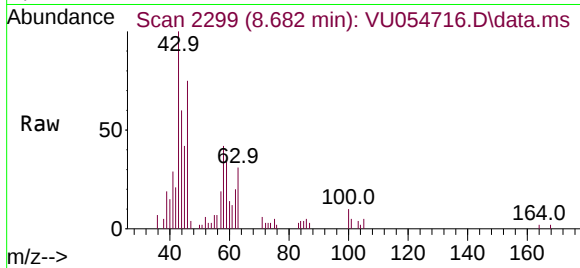




#48
2-Hexanone
Concen: 0.826 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

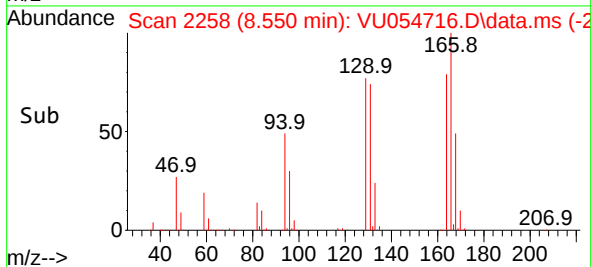
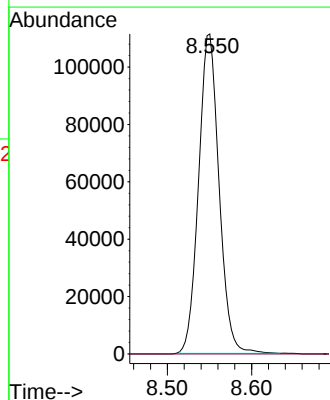
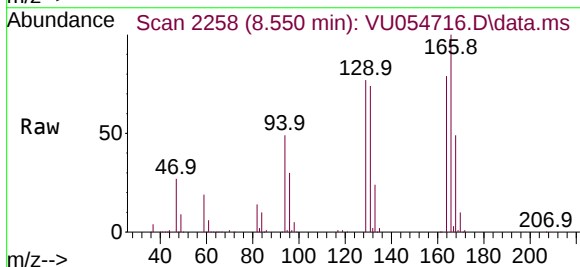
Instrument :
MSVOA_U
ClientSampleId :
HOA41DL

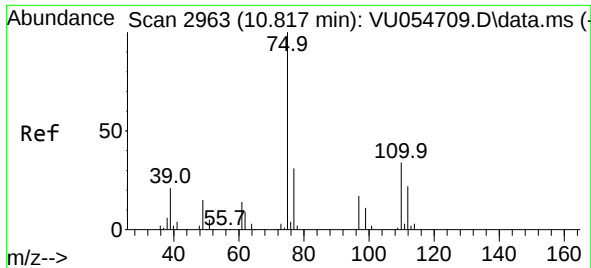
Tgt Ion: 43	Resp: 8945
Ion Ratio	Lower Upper
43 100	
58 48.7	45.2 67.8
57 14.2	15.8 23.6#
100 4.9	8.7 13.1#



#49
Dibromochloromethane
Concen: 10.315 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU054716.D
Acq: 30 Jun 2023 12:39

Tgt Ion:129	Resp: 187767		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.2	98.8#	





#61

1,2,3-Trichloropropane

Concen: 1.269 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU054716.D

Acq: 30 Jun 2023 12:39

Instrument :

MSVOA_U

ClientSampleId :

HOA41DL

Tgt Ion: 75 Resp: 15441

Ion Ratio Lower Upper

75 100

110 1.4 28.0 42.0#

77 32.2 25.4 38.2

