

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056369.D
 Acq On : 15 Nov 2023 20:53
 Operator : MD/SY
 Sample : 05372-18RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

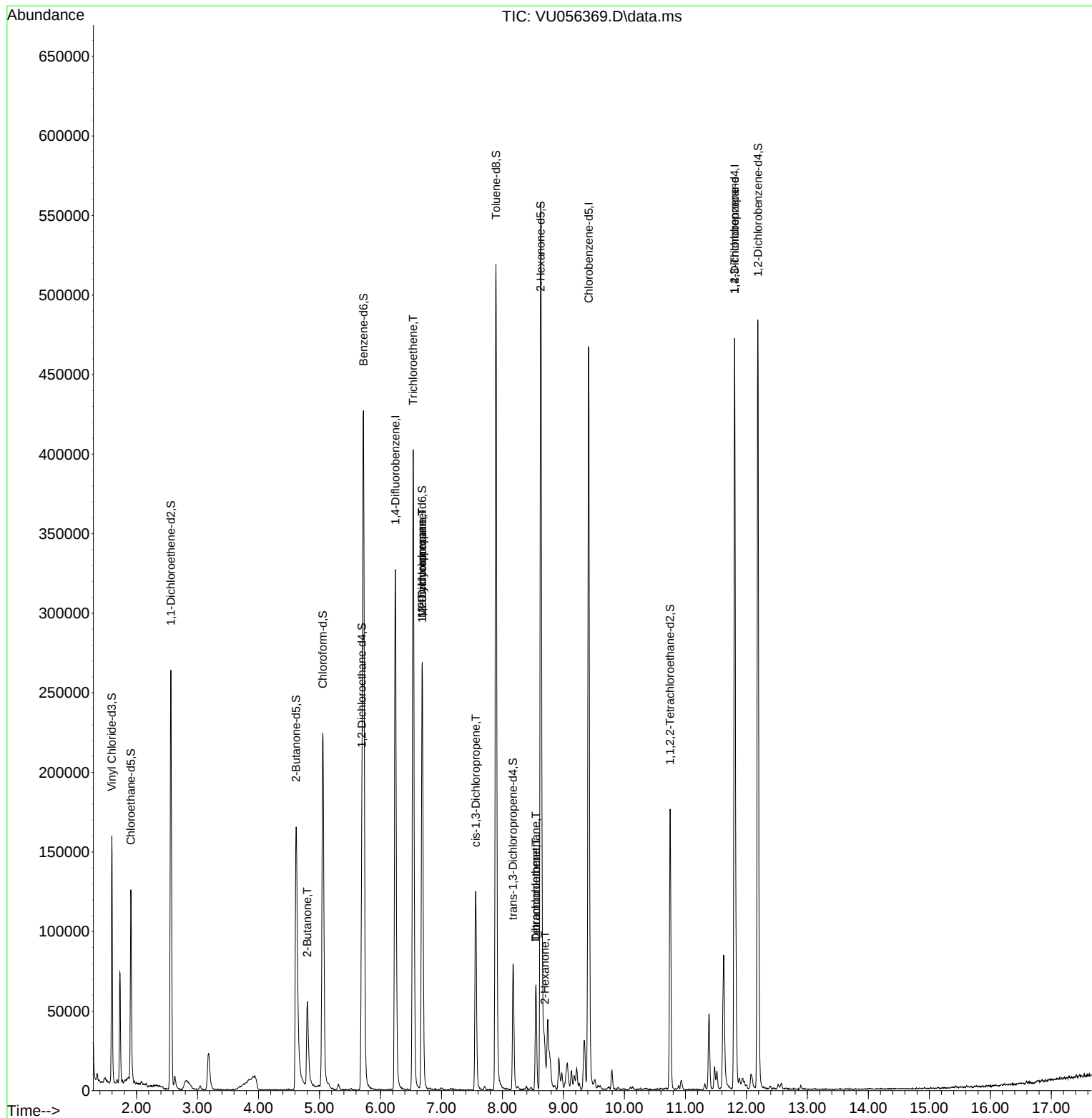
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	268539	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	271707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	123459	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	108184	5.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%	
7) Chloroethane-d5		1.907	69	89243	5.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.800%	
11) 1,1-Dichloroethene-d2		2.563	65	51736	5.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.800%	
20) 2-Butanone-d5		4.618	46	234780	58.620	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.240%	
24) Chloroform-d		5.055	84	213377	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4		5.695	65	105905	5.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%	
32) Benzene-d6		5.721	84	416288	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6		6.685	67	132142	5.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%	
41) Toluene-d8		7.894	98	354300	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%	
43) trans-1,3-Dichloroprop...		8.174	79	49083	5.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%	
46) 2-Hexanone-d5		8.627	63	197724	53.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.540%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	89149	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4		12.190	152	125222	5.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%	
Target Compounds							
						Qvalue	
21) 2-Butanone		4.801	43	76998	17.395	ug/L #	47
34) Trichloroethene		6.537	95	144717	6.851	ug/L	99
35) Methylcyclohexane		6.685	83	31227	1.024	ug/L #	25
37) 1,2-Dichloropropane		6.682	63	13986	0.692	ug/L #	88
39) cis-1,3-Dichloropropene		7.563	75	3301	0.111	ug/L #	43
47) Tetrachloroethene		8.547	164	13542	0.951	ug/L	94
48) 2-Hexanone		8.698	43	8861	1.135	ug/L #	62
49) Dibromochloromethane		8.547	129	14811	0.967	ug/L #	12
61) 1,2,3-Trichloropropane		11.807	75	15246	1.439	ug/L #	68

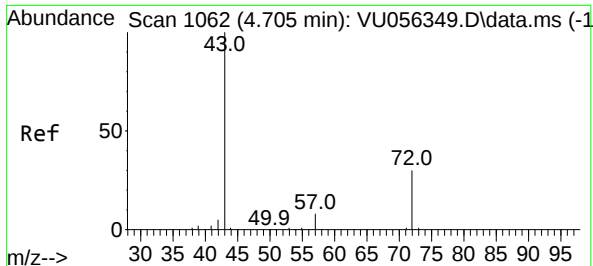
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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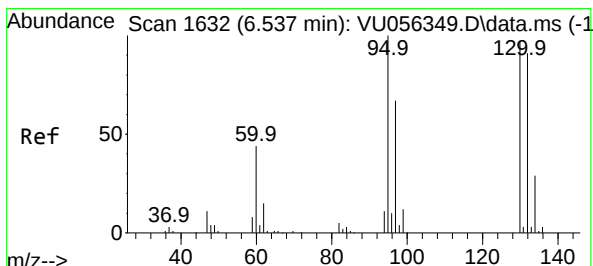
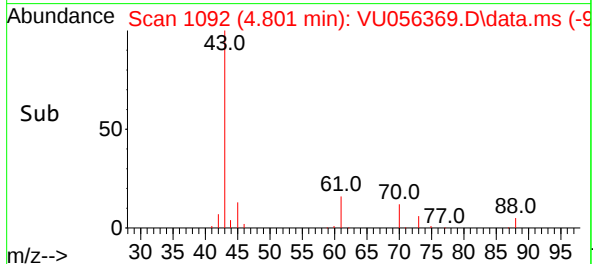
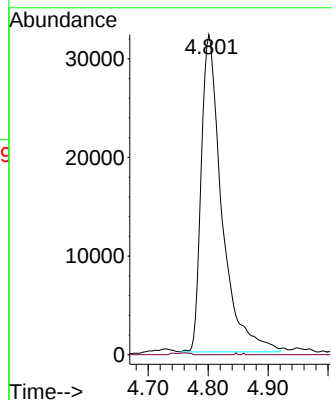
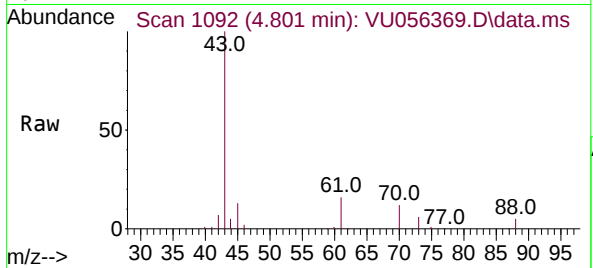




#21
2-Butanone
Concen: 17.395 ug/L
RT: 4.801 min Scan# 1092
Delta R.T. 0.096 min
Lab File: VU056369.D
Acq: 15 Nov 2023 20:53

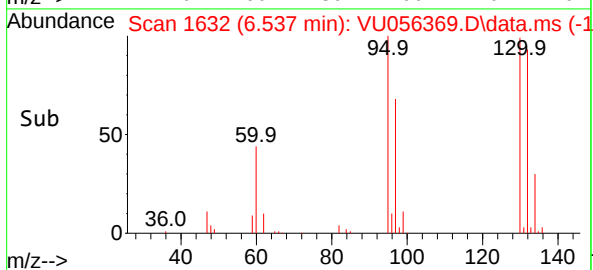
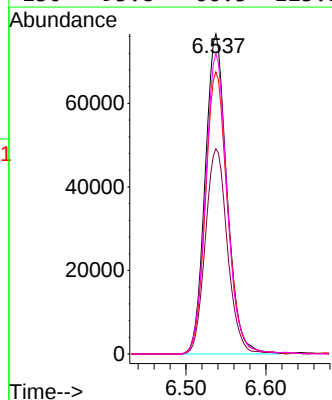
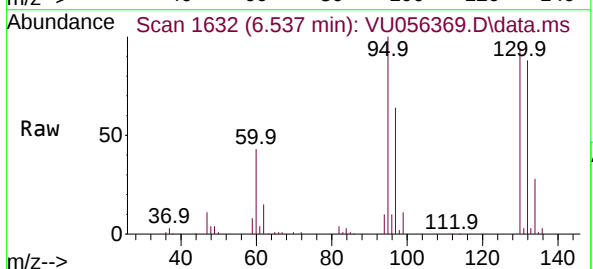
Instrument :
MSVOA_U
ClientSampleId :

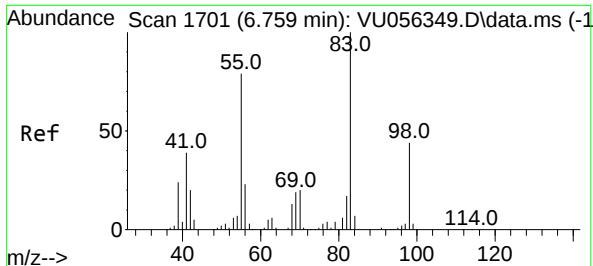
Tgt Ion: 43 Resp: 76998
Ion Ratio Lower Upper
43 100
72 0.3 14.2 42.6#



#34
Trichloroethene
Concen: 6.851 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056369.D
Acq: 15 Nov 2023 20:53

Tgt Ion: 95 Resp: 144717
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.3
132 88.1 62.0 115.2
130 93.8 66.3 123.1





#35

Methylcyclohexane

Concen: 1.024 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056369.D

Acq: 15 Nov 2023 20:53

Instrument :

MSVOA_U

ClientSampleId :

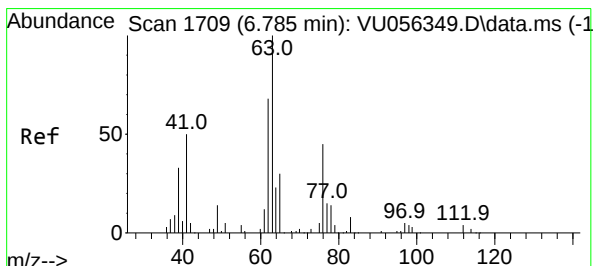
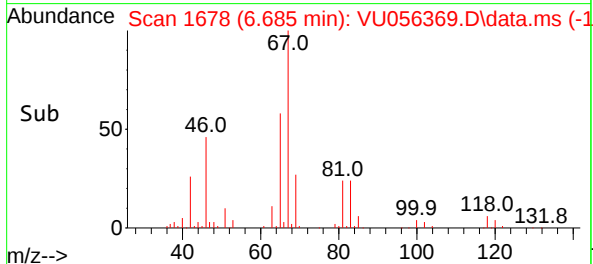
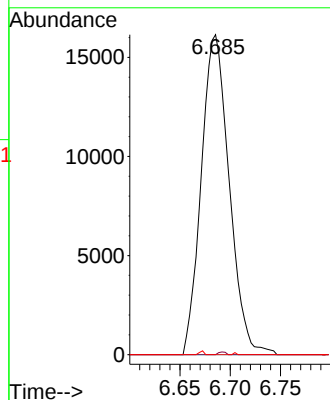
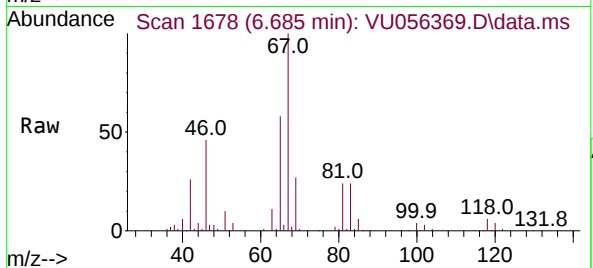
Tgt Ion: 83 Resp: 31227

Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 13.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056369.D

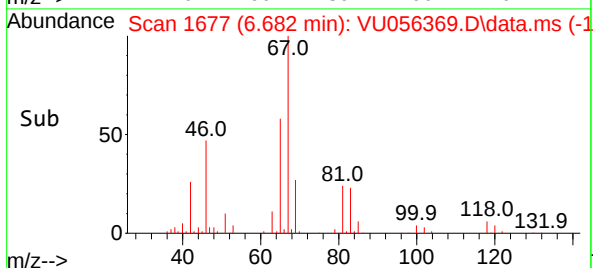
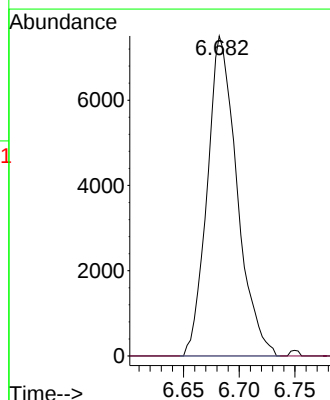
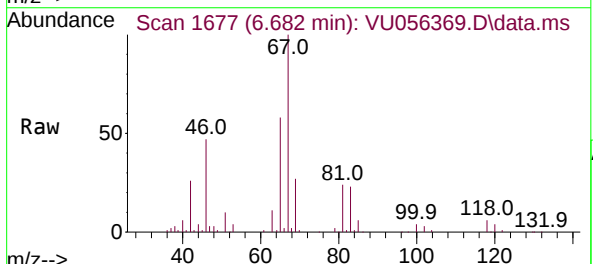
Acq: 15 Nov 2023 20:53

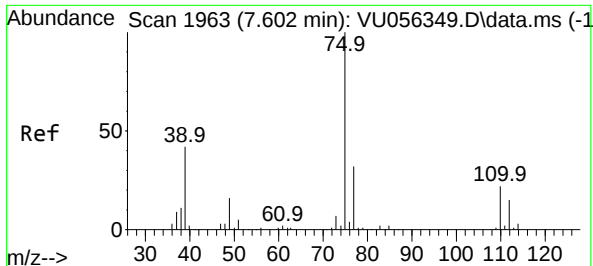
Tgt Ion: 63 Resp: 13986

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.039 min

Lab File: VU056369.D

Acq: 15 Nov 2023 20:53

Instrument :

MSVOA_U

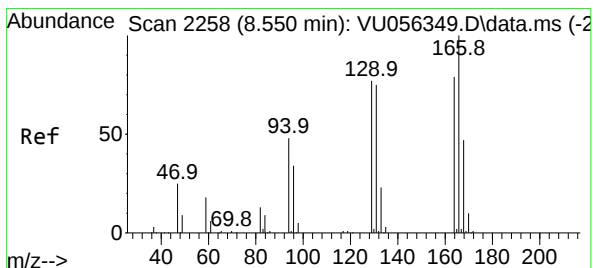
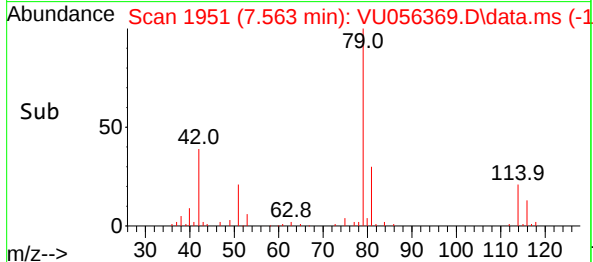
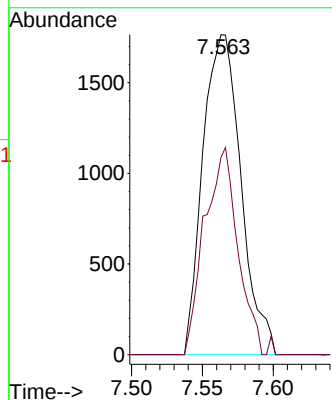
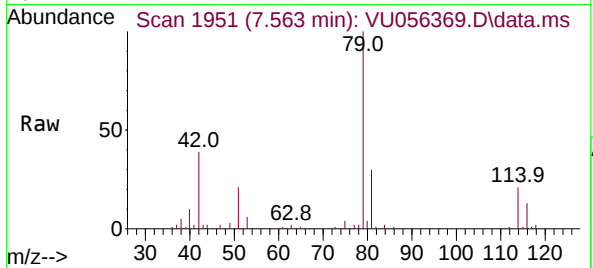
ClientSampleId :

Tgt Ion: 75 Resp: 3301

Ion Ratio Lower Upper

75 100

77 61.7 21.5 39.9#



#47

Tetrachloroethene

Concen: 0.951 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056369.D

Acq: 15 Nov 2023 20:53

Tgt Ion: 164 Resp: 13542

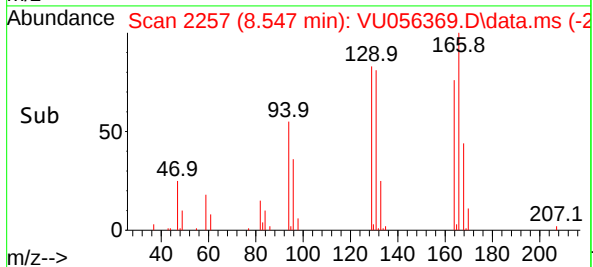
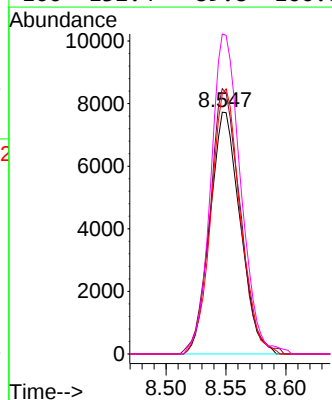
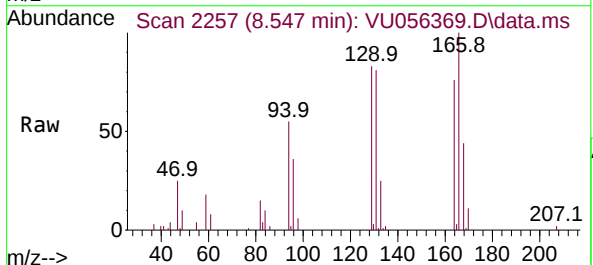
Ion Ratio Lower Upper

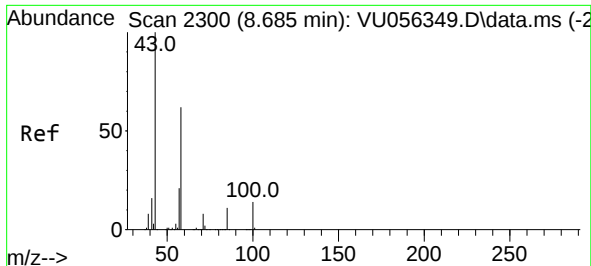
164 100

129 109.8 71.0 131.9

131 107.6 70.3 130.7

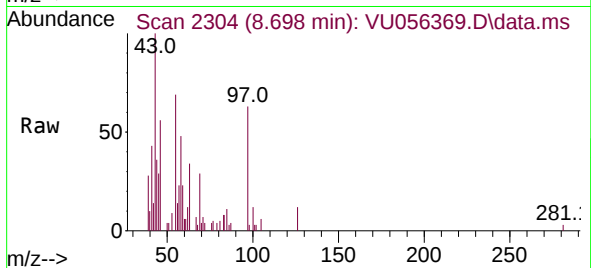
166 132.4 89.8 166.8



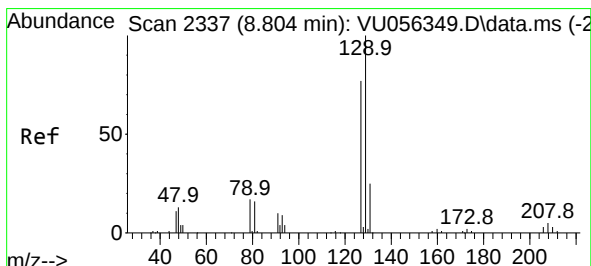
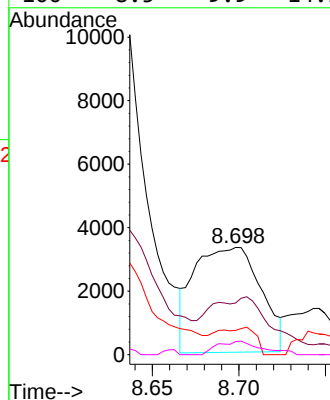
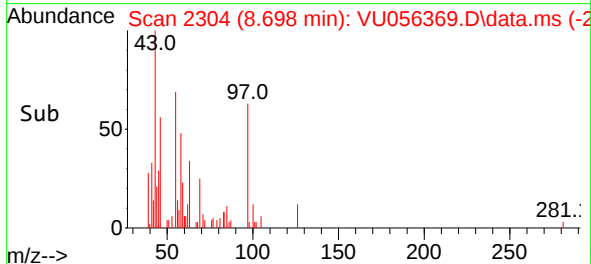


#48
2-Hexanone
Concen: 1.135 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056369.D
Acq: 15 Nov 2023 20:53

Instrument :
MSVOA_U
ClientSampleId :

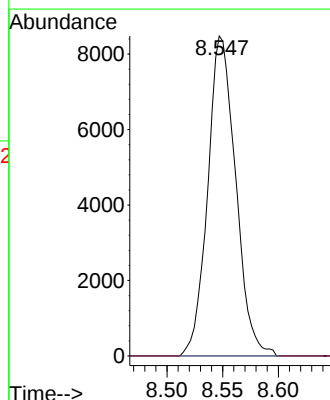
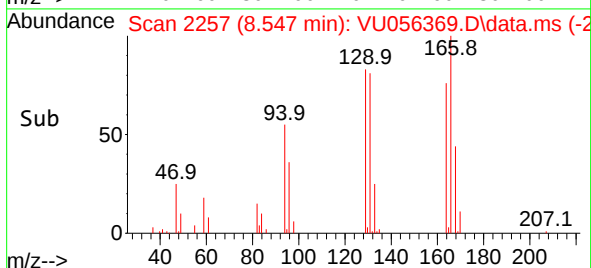
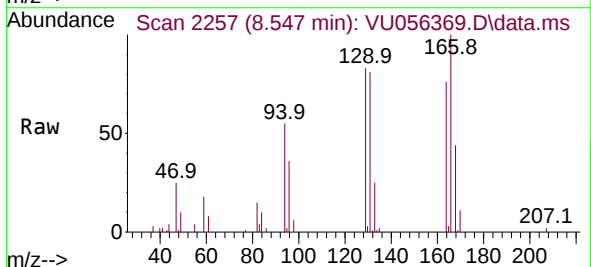


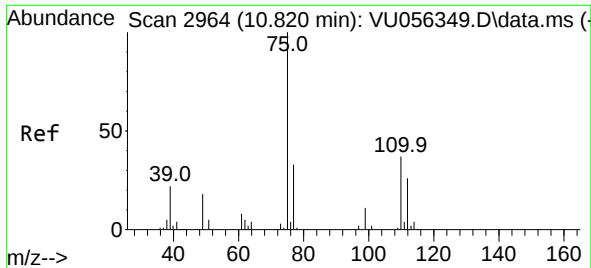
Tgt Ion: 43 Resp: 8861
Ion Ratio Lower Upper
43 100
58 20.6 48.7 73.1#
57 14.7 16.8 25.2#
100 8.5 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.967 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056369.D
Acq: 15 Nov 2023 20:53

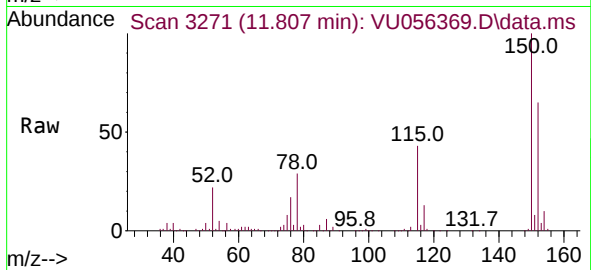
Tgt Ion: 129 Resp: 14811
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.439 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056369.D
 Acq: 15 Nov 2023 20:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15246
 Ion Ratio Lower Upper
 75 100
 110 1.5 30.4 45.6#
 77 34.3 27.0 40.6

