

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056218.D
 Acq On : 11 Nov 2023 15:39
 Operator : MD/SY
 Sample : 05340-19RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

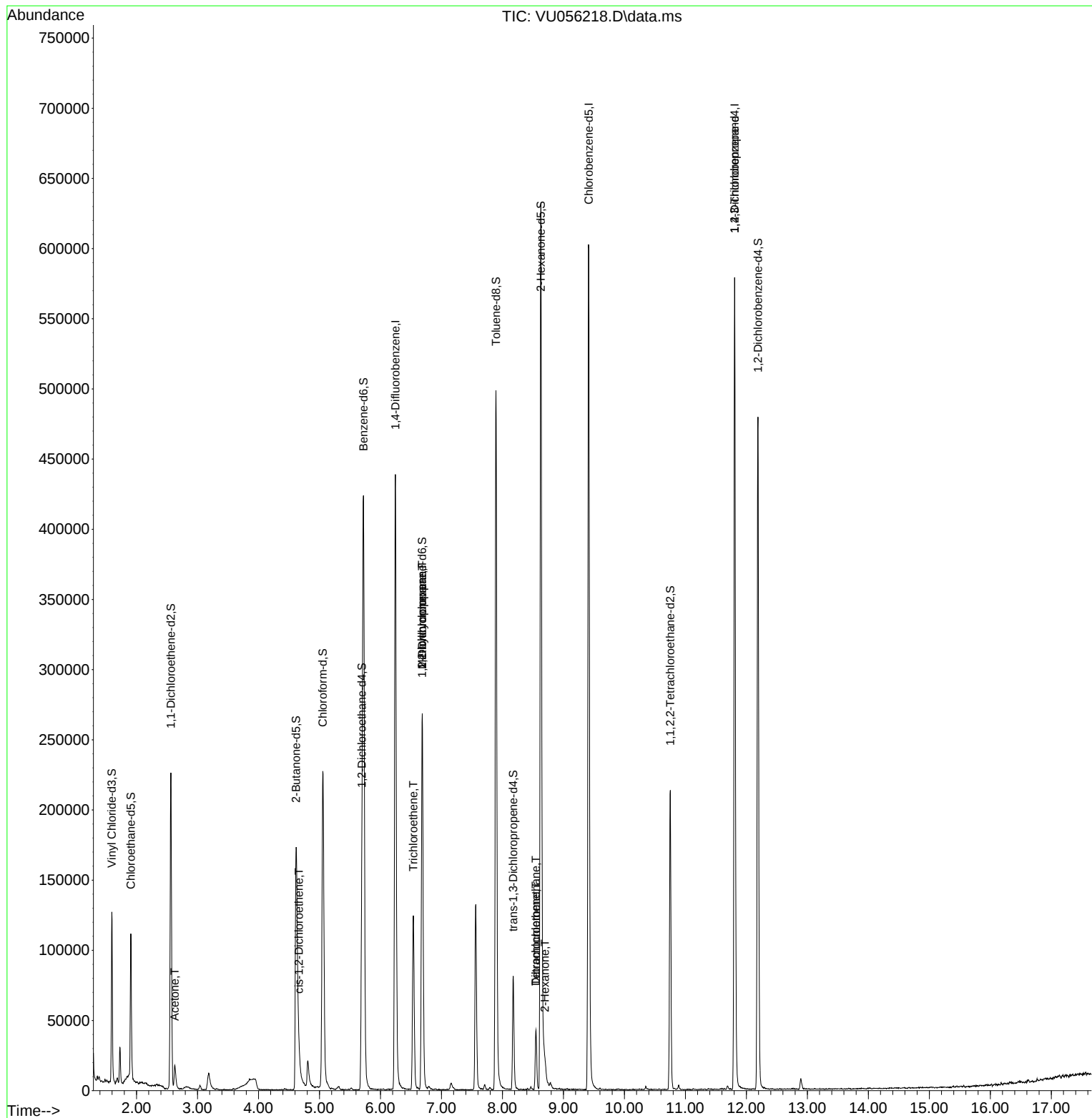
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88335	3.889	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.907	69	77868	5.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.563	65	42456	4.242	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.618	46	258914	69.473	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.940%#	
24) Chloroform-d	5.055	84	219012	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.695	65	103284	5.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.721	84	424681	4.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.685	67	136541	5.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.894	98	357137	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.177	79	47138	4.780	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.631	63	222230	68.754	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	137.500%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107051	5.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	135941	5.390	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						Qvalue
13) Acetone	2.628	43	20430	7.433	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	4795	0.178	ug/L	94
34) Trichloroethene	6.541	95	45010	1.577	ug/L	98
35) Methylcyclohexane	6.685	83	31512	0.743	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	14533	0.535	ug/L #	88
47) Tetrachloroethene	8.550	164	9844	0.460	ug/L	86
48) 2-Hexanone	8.695	43	10814	1.250	ug/L #	82
49) Dibromochloromethane	8.550	129	10088	0.473	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19200	1.360	ug/L #	69

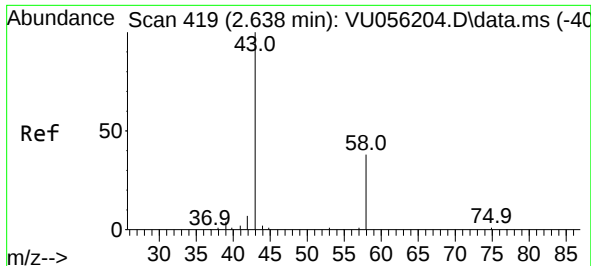
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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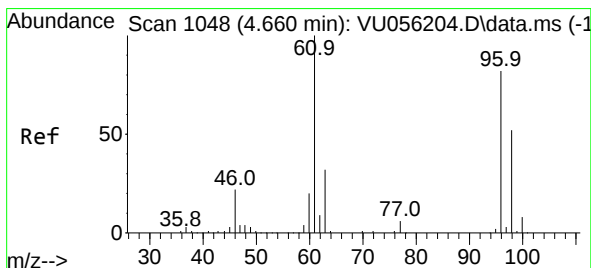
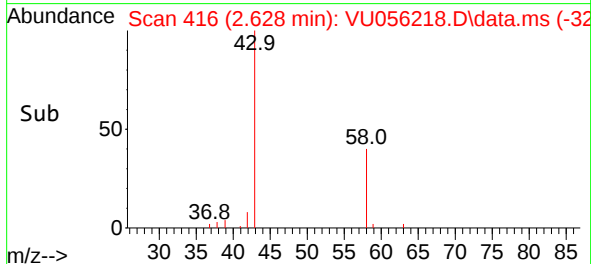
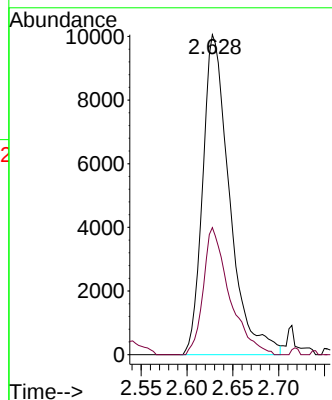
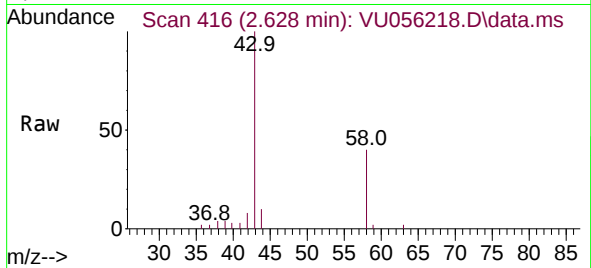




#13
Acetone
Concen: 7.433 ug/L
RT: 2.628 min Scan# 41
Delta R.T. -0.010 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

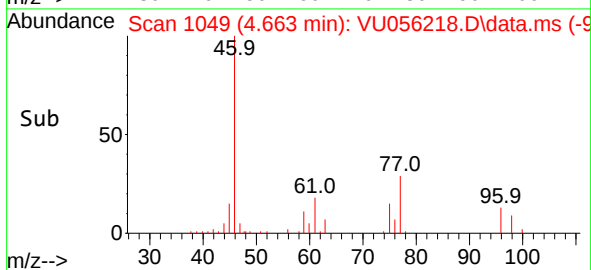
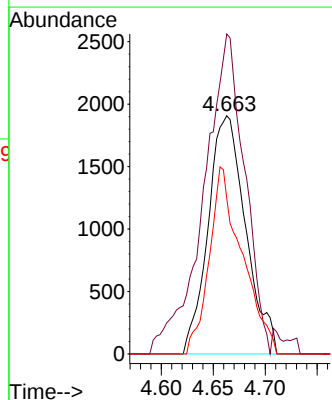
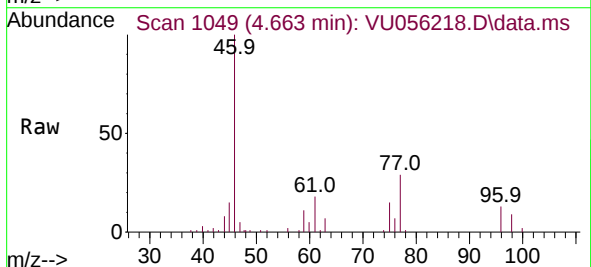
Instrument :
MSVOA_U
ClientSampleId :

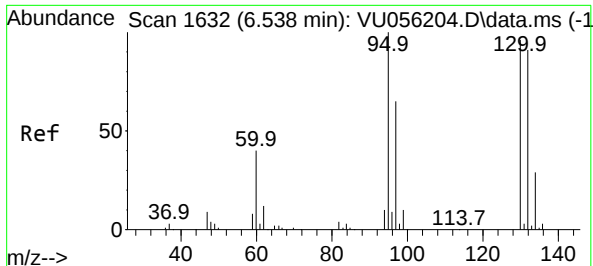
Tgt Ion: 43 Resp: 20430
Ion Ratio Lower Upper
43 100
58 38.7 0.0 74.4



#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

Tgt Ion: 96 Resp: 4795
Ion Ratio Lower Upper
96 100
61 134.3 87.8 163.2
98 65.2 43.5 80.7

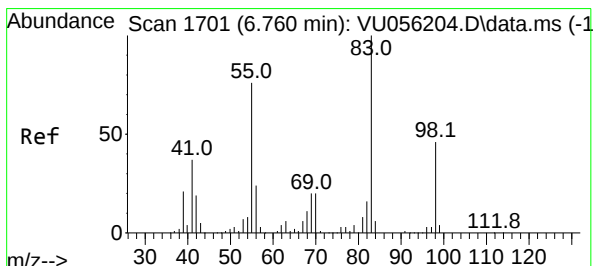
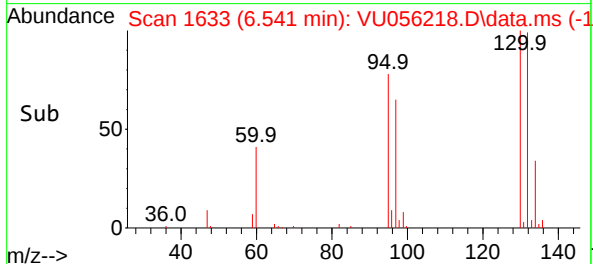
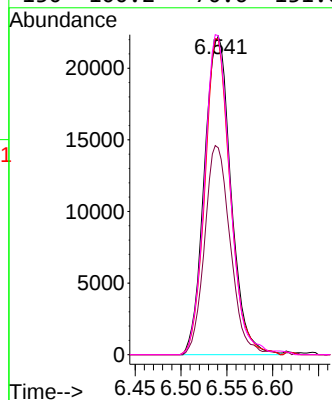
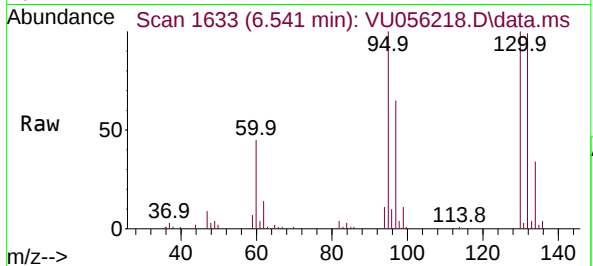




#34
Trichloroethene
Concen: 1.577 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

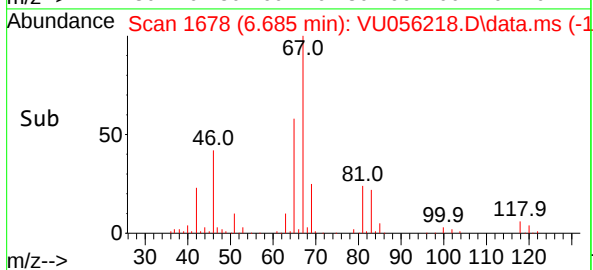
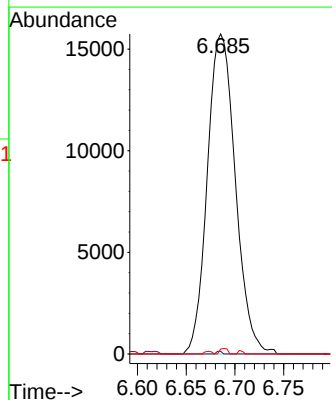
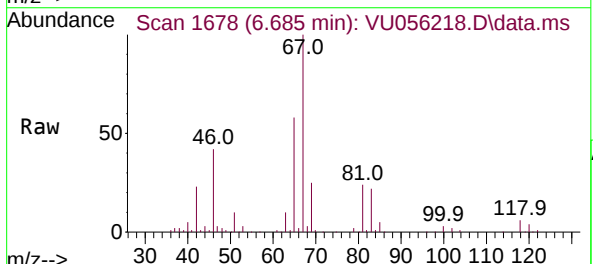
Instrument :
MSVOA_U
ClientSampleId :

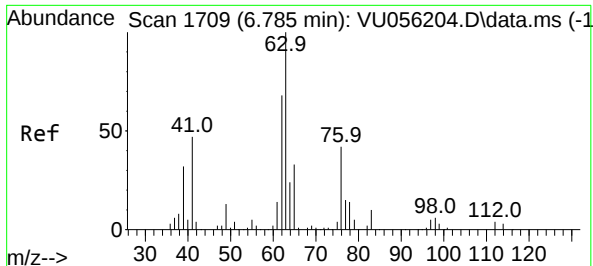
Tgt Ion: 95 Resp: 45010
Ion Ratio Lower Upper
95 100
97 65.0 46.8 87.0
132 99.1 66.5 123.5
130 100.2 70.6 131.0



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

Tgt Ion: 83 Resp: 31512
Ion Ratio Lower Upper
83 100
55 0.2 60.6 91.0#
98 0.5 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056218.D

Acq: 11 Nov 2023 15:39

Instrument :

MSVOA_U

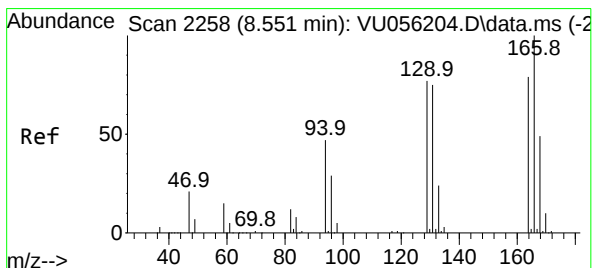
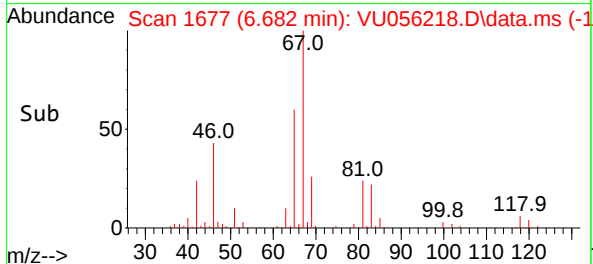
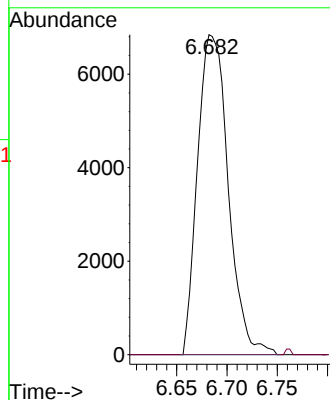
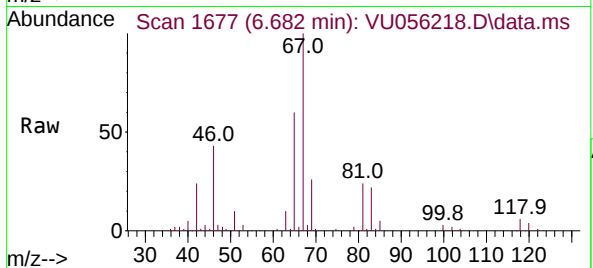
ClientSampleId :

Tgt Ion: 63 Resp: 14533

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#47

Tetrachloroethene

Concen: 0.460 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056218.D

Acq: 11 Nov 2023 15:39

Tgt Ion: 164 Resp: 9844

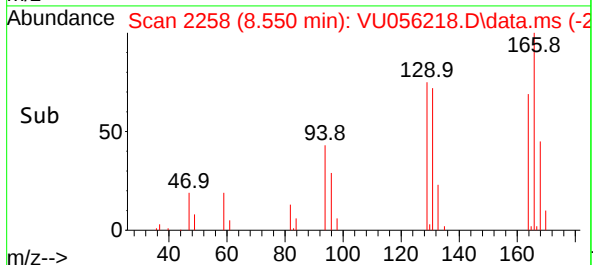
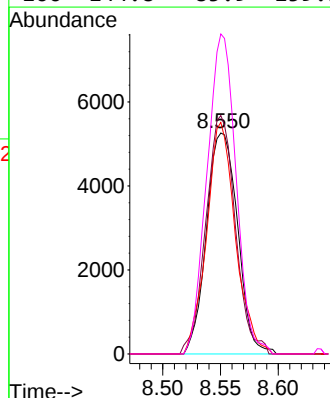
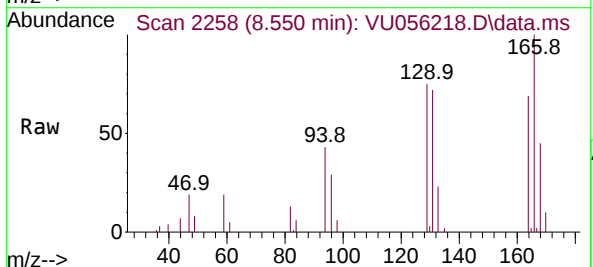
Ion Ratio Lower Upper

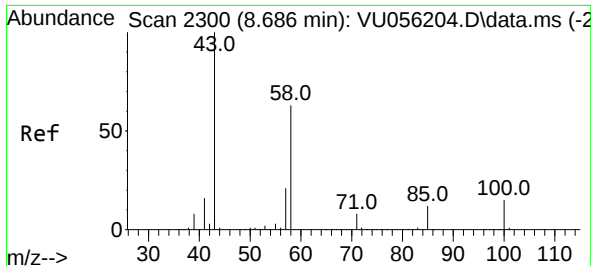
164 100

129 107.9 66.6 123.8

131 104.8 67.8 126.0

166 144.8 85.9 159.5

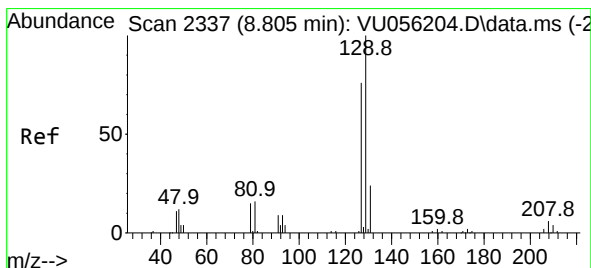
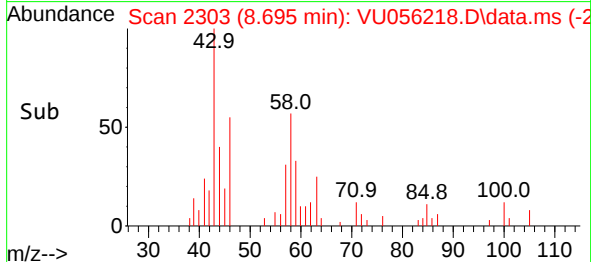
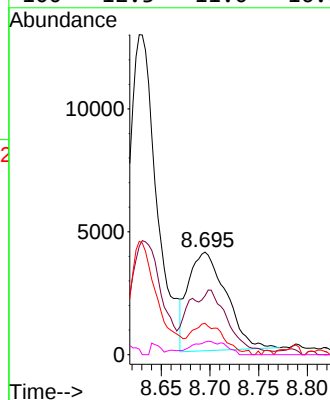
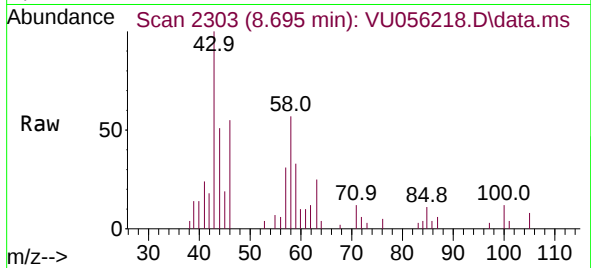




#48
2-Hexanone
Concen: 1.250 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

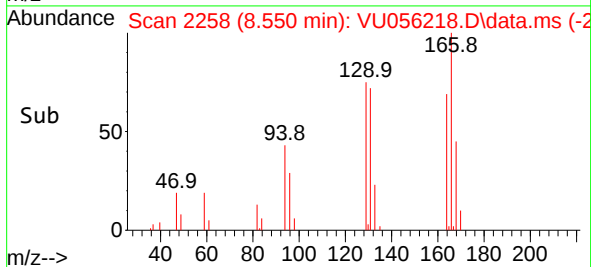
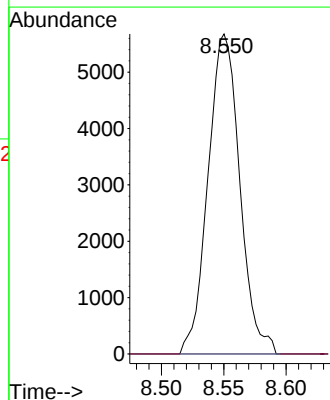
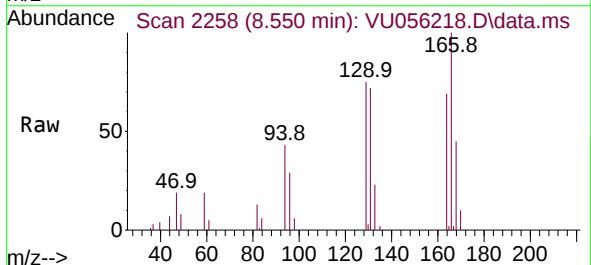
Instrument :
MSVOA_U
ClientSampleId :

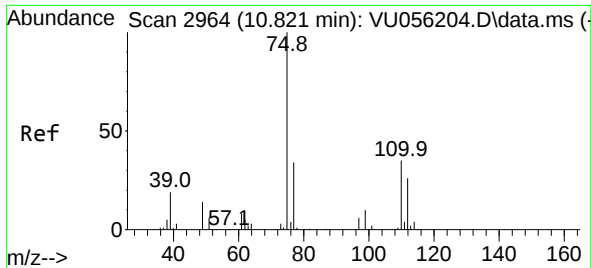
Tgt Ion: 43 Resp: 10814
Ion Ratio Lower Upper
43 100
58 46.4 52.0 78.0#
57 27.4 17.4 26.2#
100 12.3 11.0 16.6



#49
Dibromochloromethane
Concen: 0.473 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

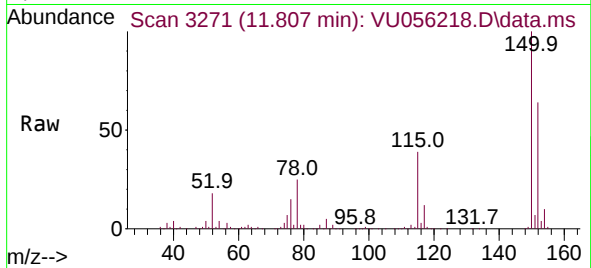
Tgt Ion: 129 Resp: 10088
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.360 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056218.D
 Acq: 11 Nov 2023 15:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19200
 Ion Ratio Lower Upper
 75 100
 110 2.7 29.7 44.5#
 77 32.0 25.5 38.3

