

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055347.D
 Acq On : 15 Sep 2023 18:37
 Operator : MD/SY
 Sample : 04380-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:44:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

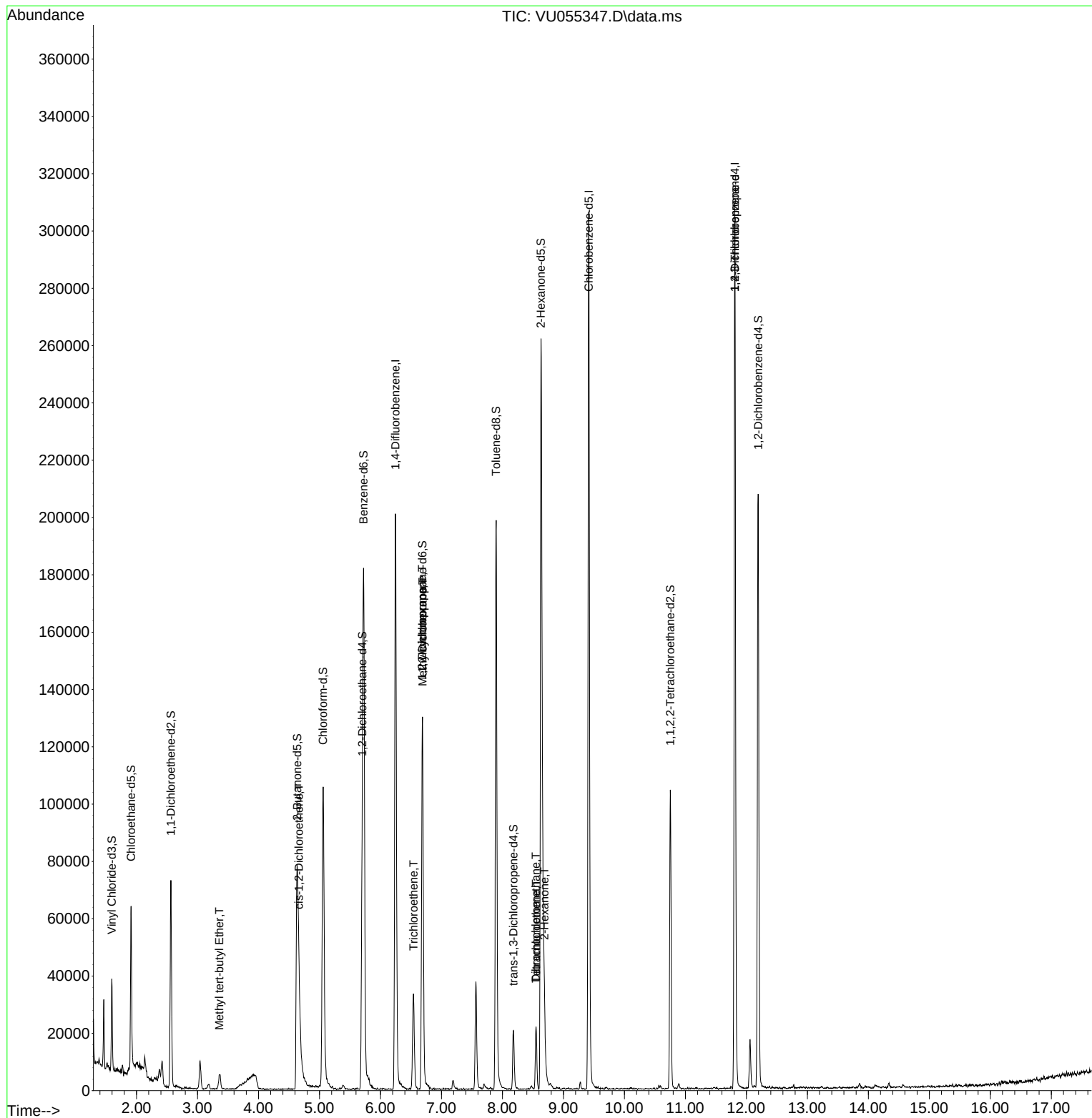
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22593	2.396	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.911	69	39508	3.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.563	65	13076	3.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.634	46	152381	58.433	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.860%
24) Chloroform-d	5.058	84	98255	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	54393	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.724	84	167890	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.689	67	62945	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.897	98	134128	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.180	79	11953	2.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.800%
46) 2-Hexanone-d5	8.631	63	82106	53.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	50929	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	52522	5.230	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.357	73	5859	0.212	ug/L #	84
22) cis-1,2-Dichloroethene	4.663	96	2958	0.199	ug/L	83
34) Trichloroethene	6.544	95	10238	0.654	ug/L	89
35) Methylcyclohexane	6.692	83	14113	0.620	ug/L #	25
37) 1,2-Dichloropropane	6.685	63	7551	0.523	ug/L #	89
47) Tetrachloroethene	8.553	164	4563	0.425	ug/L	92
48) 2-Hexanone	8.688	43	19979	3.867	ug/L #	83
49) Dibromochloromethane	8.550	129	4720	0.461	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	10472	1.387	ug/L #	62

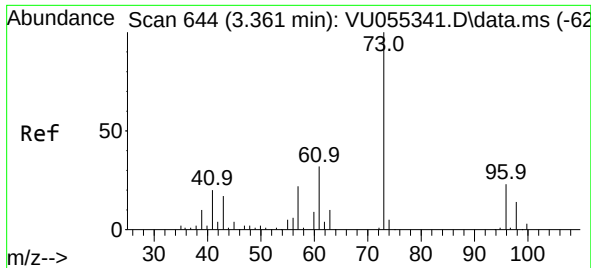
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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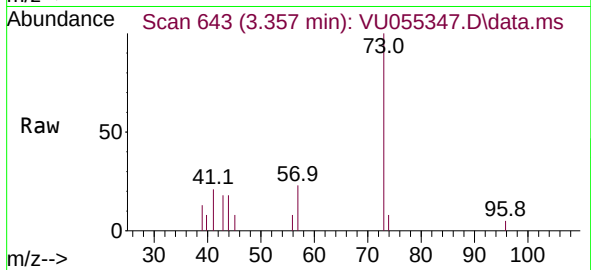
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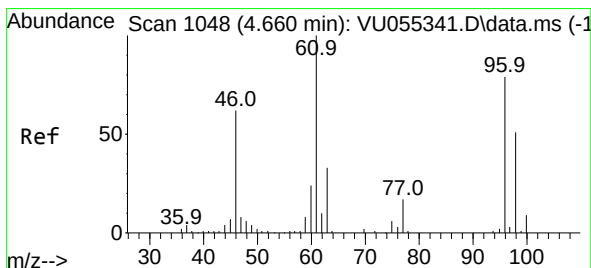
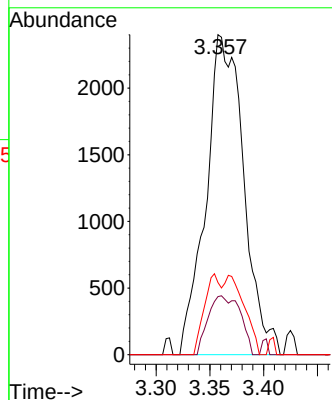
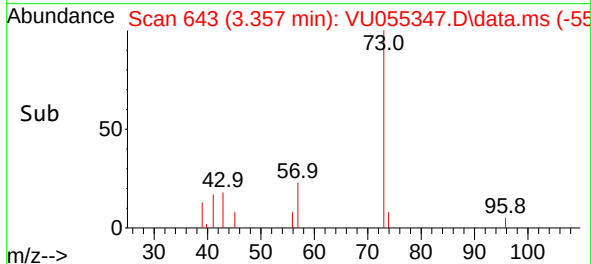


#17
Methyl tert-butyl Ether
Concen: 0.212 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055347.D
Acq: 15 Sep 2023 18:37

Instrument :
MSVOA_U
ClientSampleId :

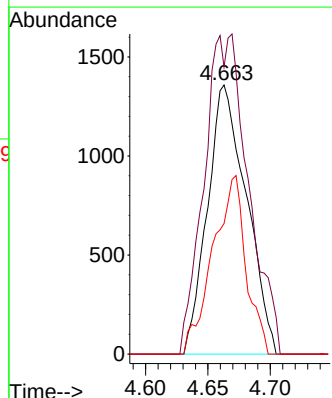
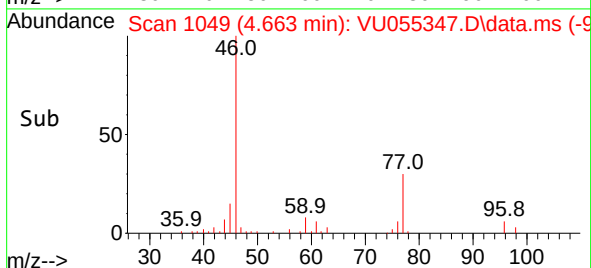
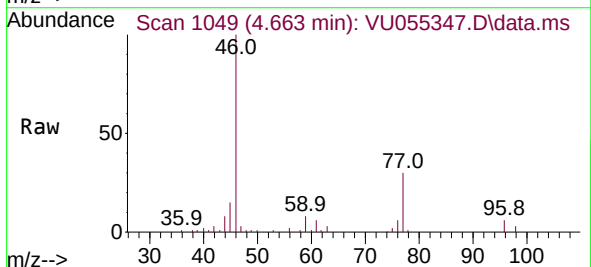


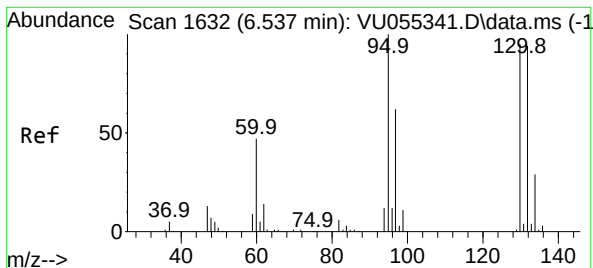
Tgt Ion: 73 Resp: 5859
Ion Ratio Lower Upper
73 100
43 15.7 16.0 24.0#
57 11.2 17.2 25.8#



#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055347.D
Acq: 15 Sep 2023 18:37

Tgt Ion: 96 Resp: 2958
Ion Ratio Lower Upper
96 100
61 106.7 88.1 163.7
98 48.5 43.5 80.7





#34

Trichloroethene

Concen: 0.654 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU055347.D

Acq: 15 Sep 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10238

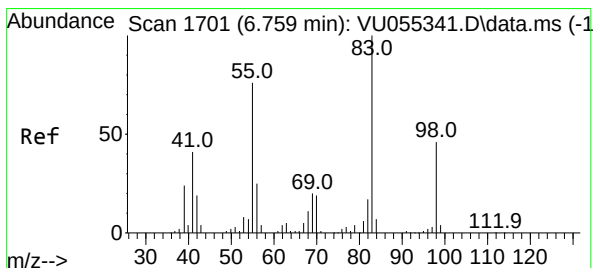
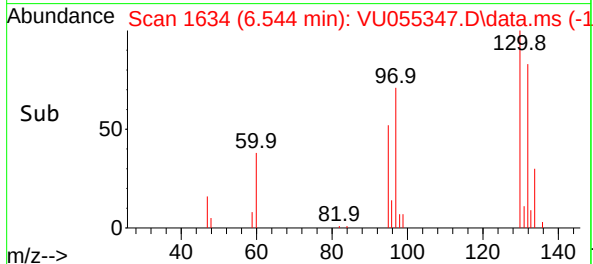
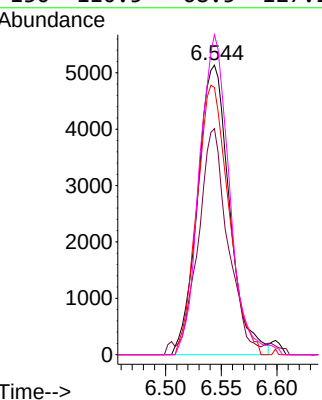
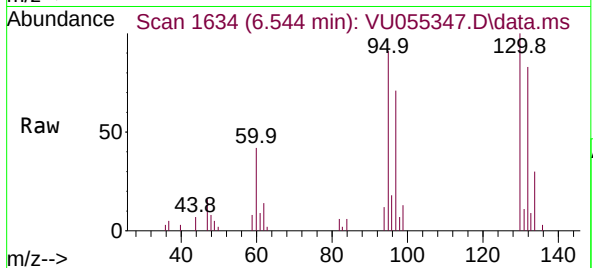
Ion Ratio Lower Upper

95 100

97 78.0 47.4 88.0

132 92.2 60.5 112.3

130 110.5 68.5 127.1



#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.068 min

Lab File: VU055347.D

Acq: 15 Sep 2023 18:37

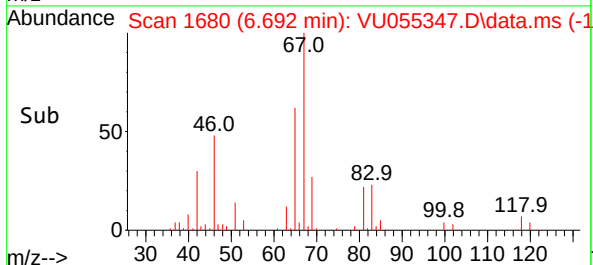
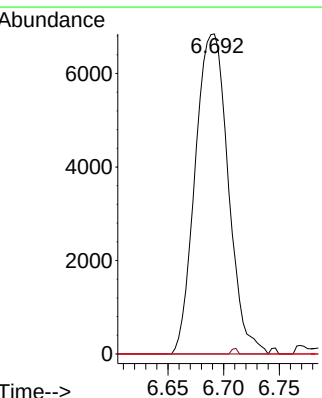
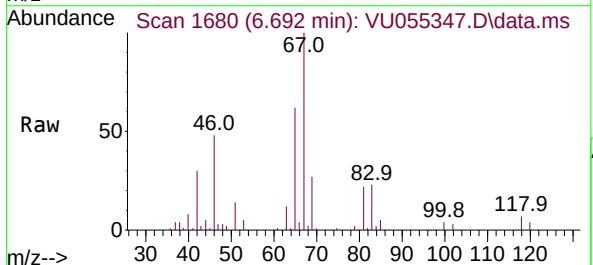
Tgt Ion: 83 Resp: 14113

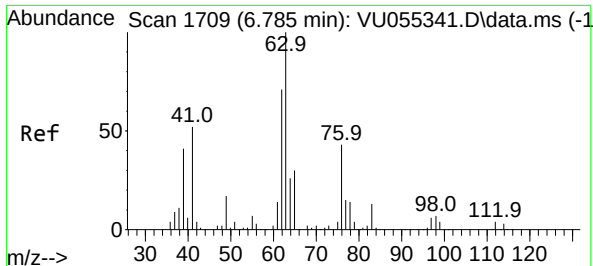
Ion Ratio Lower Upper

83 100

55 0.3 58.7 88.1#

98 9.2 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055347.D

Acq: 15 Sep 2023 18:37

Instrument :

MSVOA_U

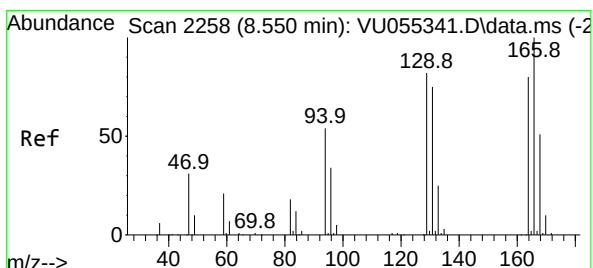
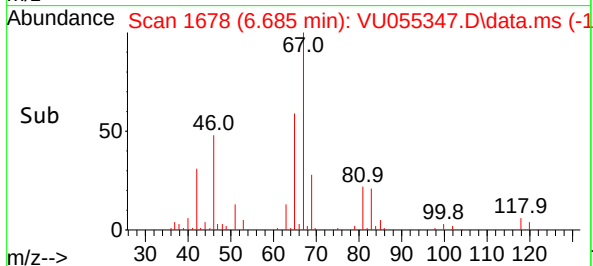
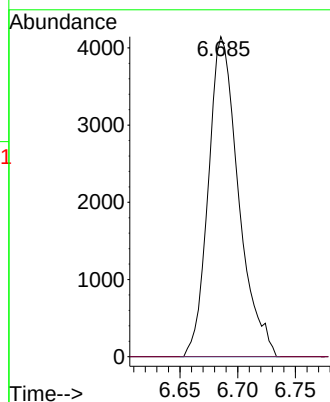
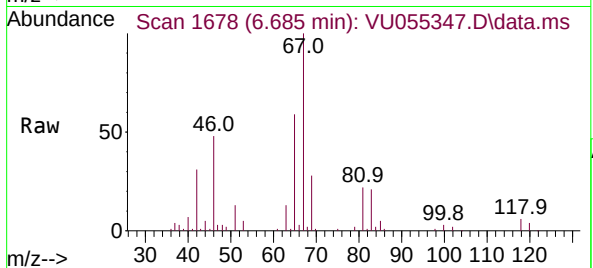
ClientSampleId :

Tgt Ion: 63 Resp: 7551

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 0.425 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055347.D

Acq: 15 Sep 2023 18:37

Tgt Ion: 164 Resp: 4563

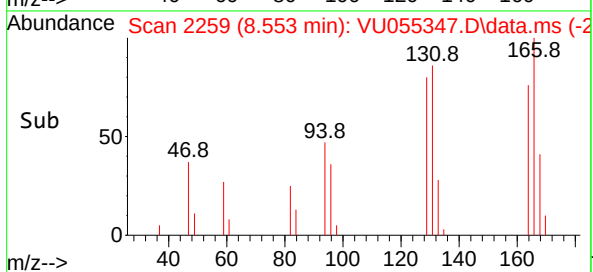
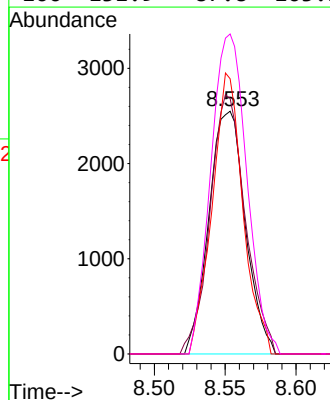
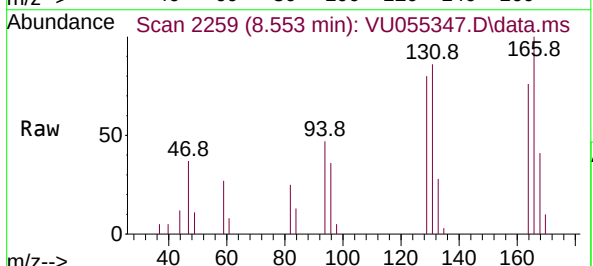
Ion Ratio Lower Upper

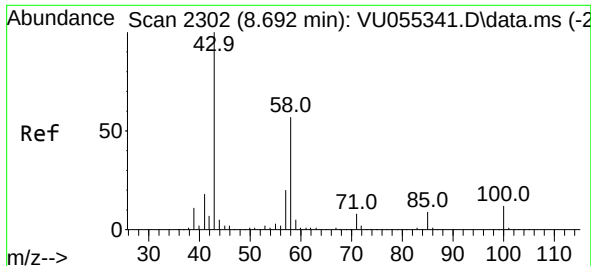
164 100

129 105.3 76.3 141.7

131 113.4 69.1 128.3

166 131.9 87.8 163.2





#48

2-Hexanone

Concen: 3.867 ug/L

RT: 8.688 min Scan# 21

Delta R.T. -0.003 min

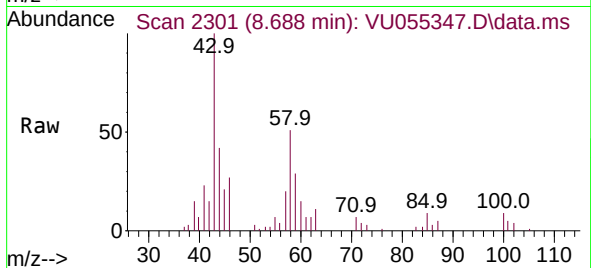
Lab File: VU055347.D

Acq: 15 Sep 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 19979

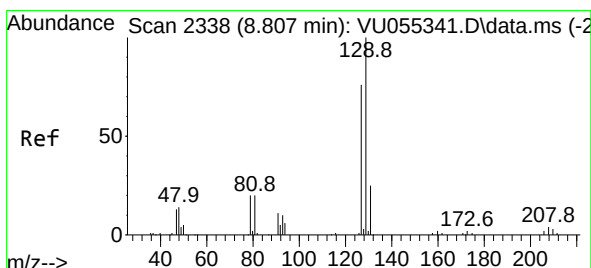
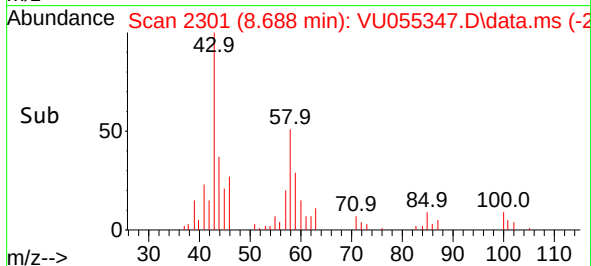
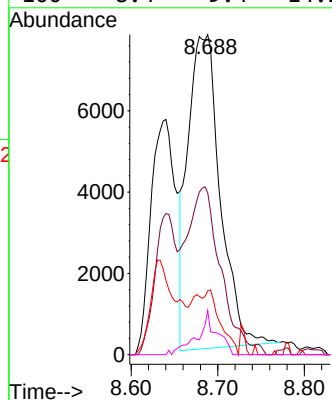
Ion Ratio Lower Upper

43 100

58 50.7 47.8 71.6

57 1.3 15.4 23.2#

100 8.4 9.4 14.2#



#49

Dibromochloromethane

Concen: 0.461 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.257 min

Lab File: VU055347.D

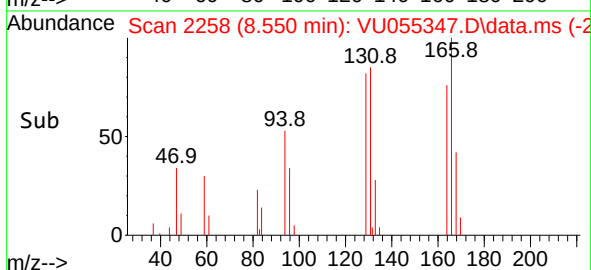
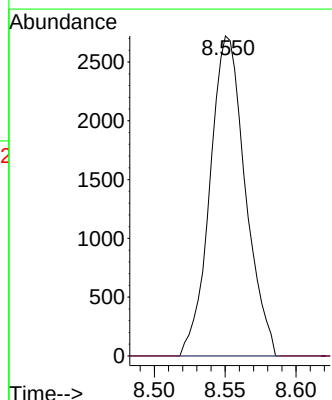
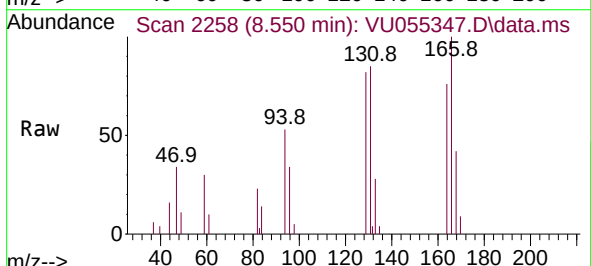
Acq: 15 Sep 2023 18:37

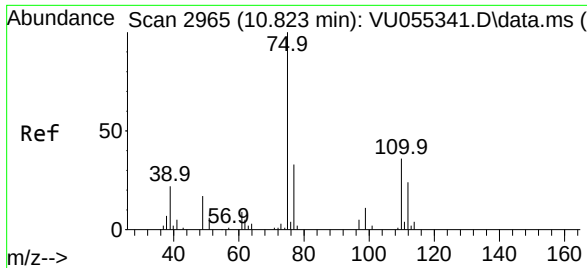
Tgt Ion: 129 Resp: 4720

Ion Ratio Lower Upper

129 100

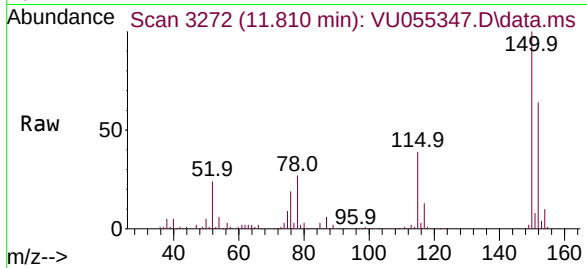
127 0.0 53.4 99.2#





#61
1,2,3-Trichloropropane
Concen: 1.387 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU055347.D
Acq: 15 Sep 2023 18:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.8	31.4	47.2#
77	37.1	26.0	39.0

