

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055384.D
 Acq On : 18 Sep 2023 20:24
 Operator : MD/SY
 Sample : 04380-20 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

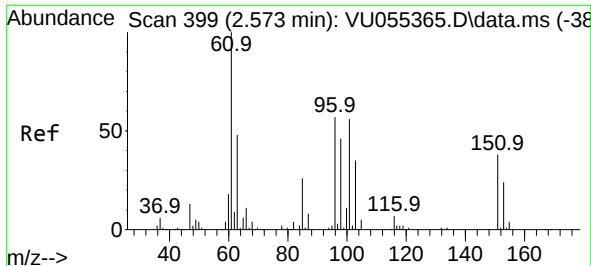
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:18:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	253504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	126804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46971	3.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.911	69	52644	3.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.563	65	17600	3.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.627	46	231327	57.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	5.058	84	139346	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.698	65	73693	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.724	84	206997	3.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.689	67	83748	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.894	98	142856	3.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.200%#
43) trans-1,3-Dichloroprop...	8.180	79	26179	4.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.631	63	129114	54.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83769	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	76106	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	4706	0.264	ug/L #	1
16) Methylene chloride	3.039	84	12956	0.488	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	243882	10.626	ug/L	96
34) Trichloroethene	6.541	95	181814	7.484	ug/L	95
35) Methylcyclohexane	6.689	83	19550	0.554	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8946	0.399	ug/L #	90
47) Tetrachloroethene	8.550	164	2203	0.132	ug/L	90
48) 2-Hexanone	8.682	43	25647	3.199	ug/L #	78
49) Dibromochloromethane	8.547	129	2046	0.129	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16772	1.366	ug/L #	67

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



#12

1,1-Dichloroethene

Concen: 0.264 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

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MSVOA_U

ClientSampleId :

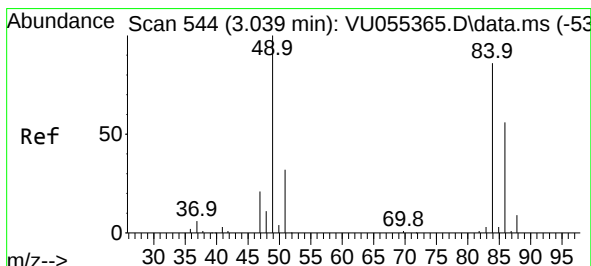
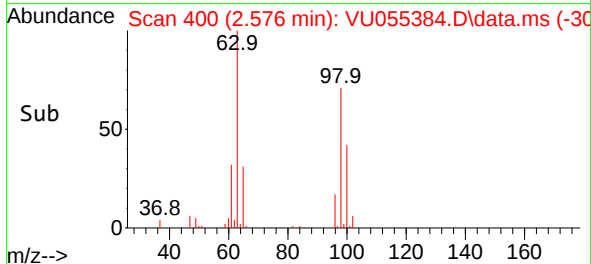
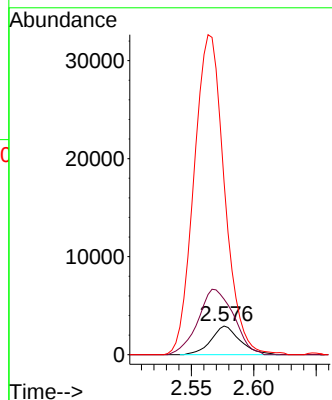
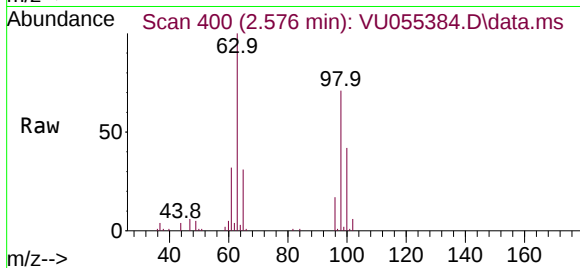
Tgt Ion: 96 Resp: 4706

Ion Ratio Lower Upper

96 100

61 194.3 122.8 228.0

63 604.7 71.7 133.3#



#16

Methylene chloride

Concen: 0.488 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU055384.D

Acq: 18 Sep 2023 20:24

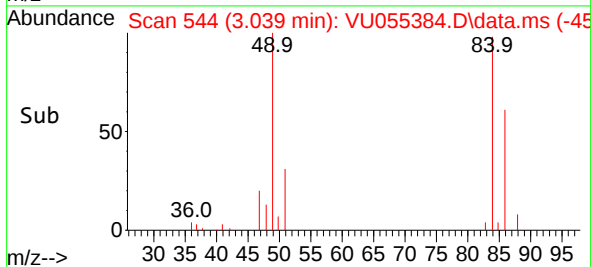
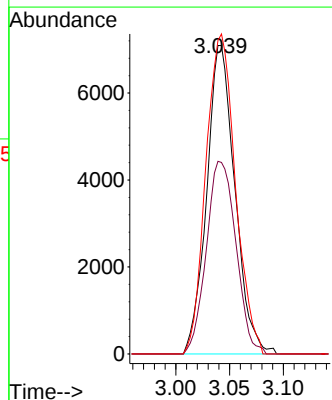
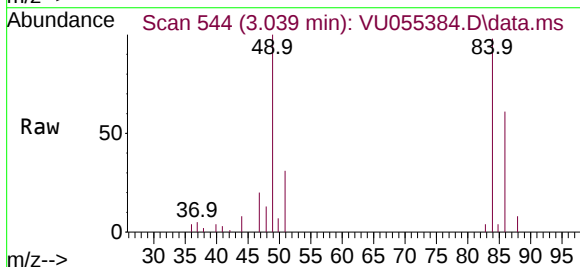
Tgt Ion: 84 Resp: 12956

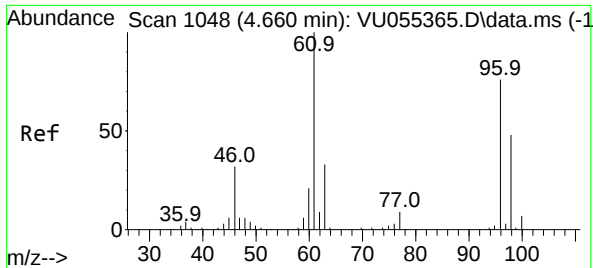
Ion Ratio Lower Upper

84 100

86 62.4 42.4 78.8

49 108.4 79.9 148.3

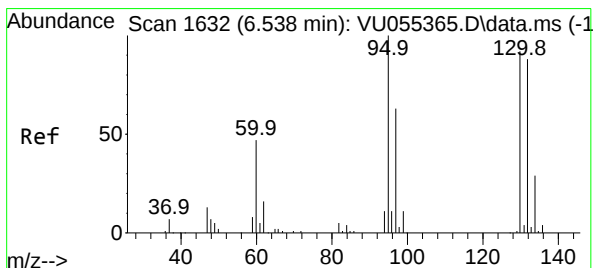
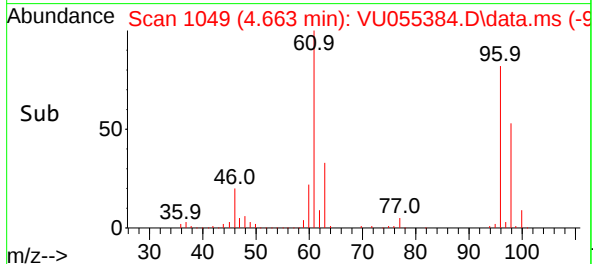
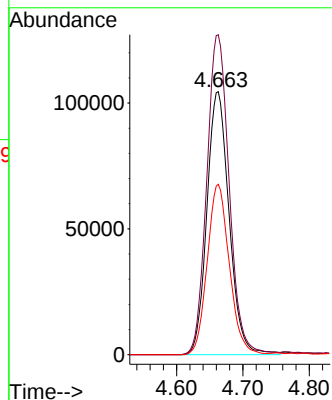
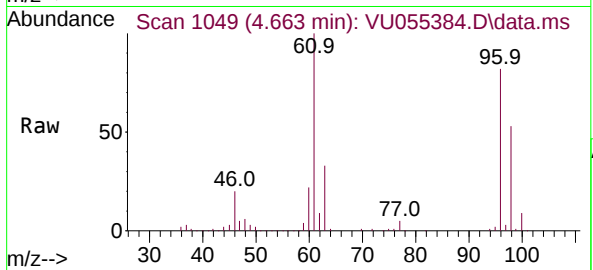




#22
 cis-1,2-Dichloroethene
 Concen: 10.626 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055384.D
 Acq: 18 Sep 2023 20:24

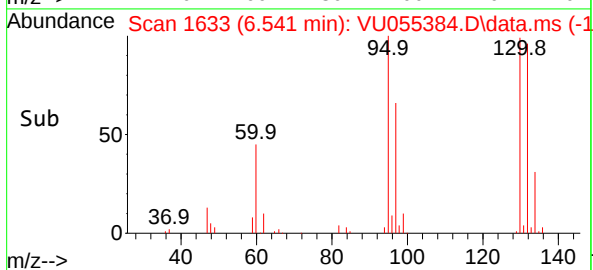
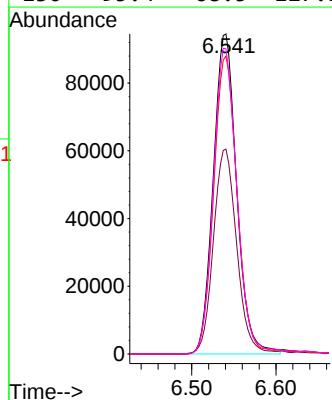
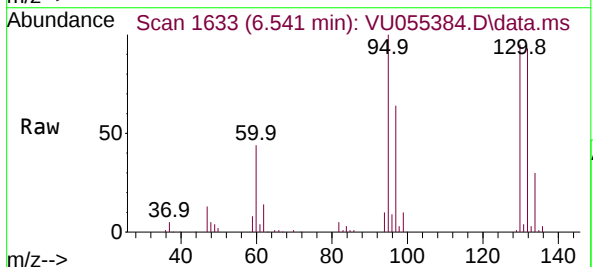
Instrument :
 MSVOA_U
 ClientSampleId :

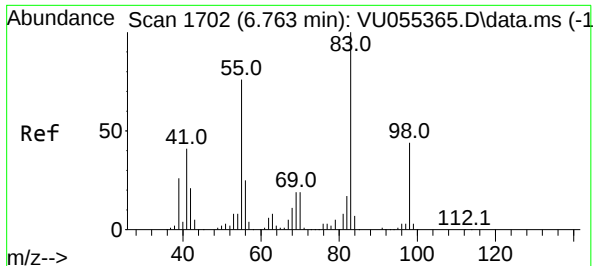
Tgt Ion: 96 Resp: 243882
 Ion Ratio Lower Upper
 96 100
 61 121.6 88.1 163.7
 98 64.8 43.5 80.7



#34
 Trichloroethene
 Concen: 7.484 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU055384.D
 Acq: 18 Sep 2023 20:24

Tgt Ion: 95 Resp: 181814
 Ion Ratio Lower Upper
 95 100
 97 64.0 47.4 88.0
 132 93.1 60.5 112.3
 130 95.4 68.5 127.1





#35

Methylcyclohexane

Concen: 0.554 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055384.D

Acq: 18 Sep 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

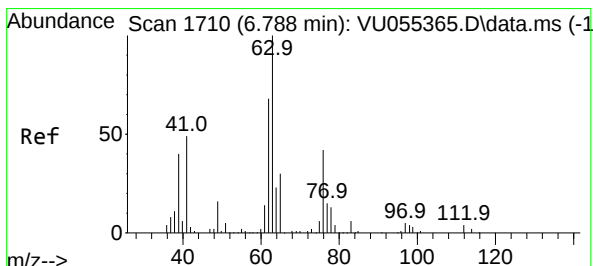
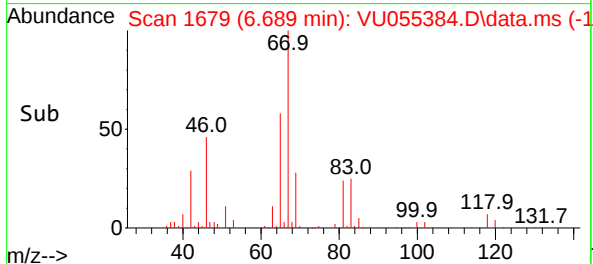
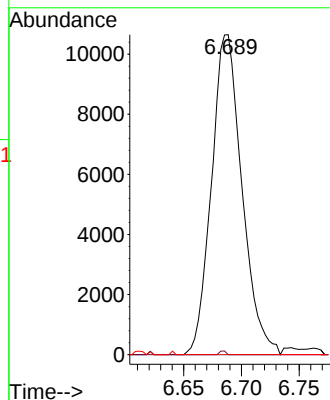
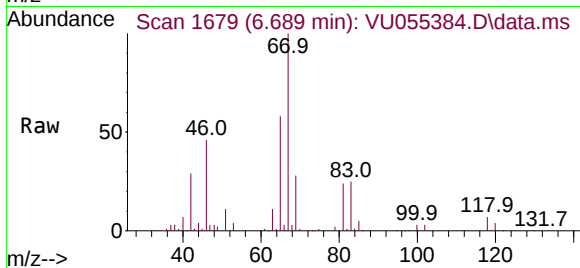
Tgt Ion: 83 Resp: 19550

Ion Ratio Lower Upper

83 100

55 0.2 58.7 88.1#

98 0.4 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.399 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU055384.D

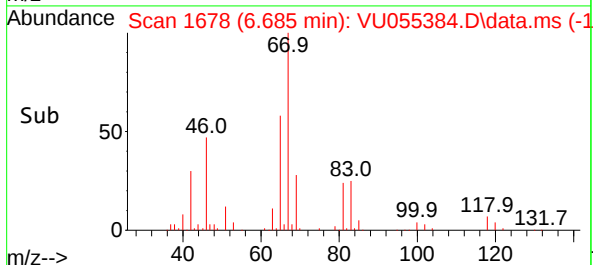
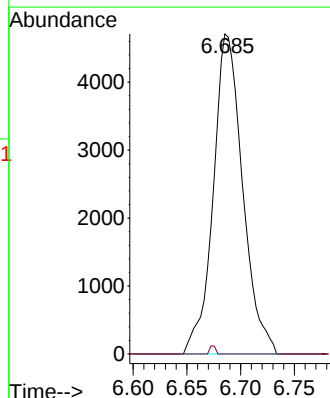
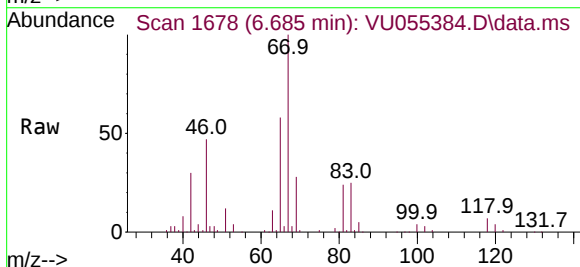
Acq: 18 Sep 2023 20:24

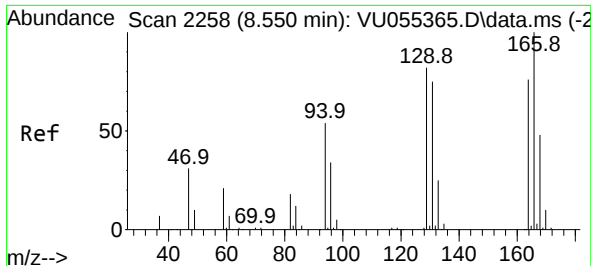
Tgt Ion: 63 Resp: 8946

Ion Ratio Lower Upper

63 100

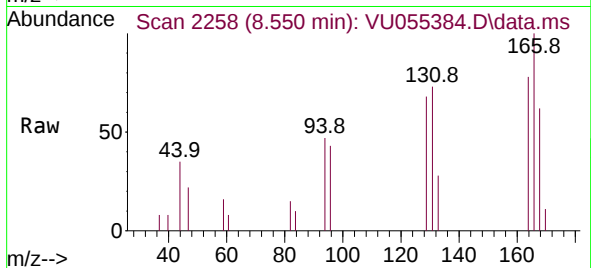
112 0.5 3.0 4.4#





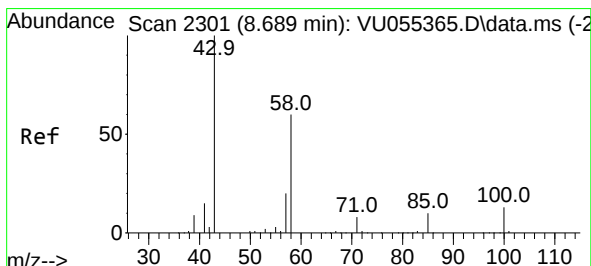
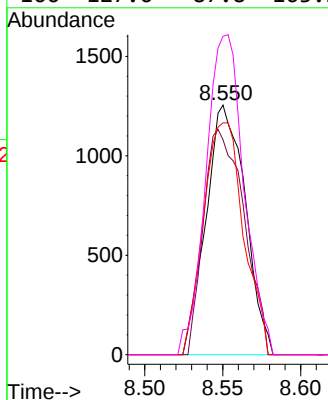
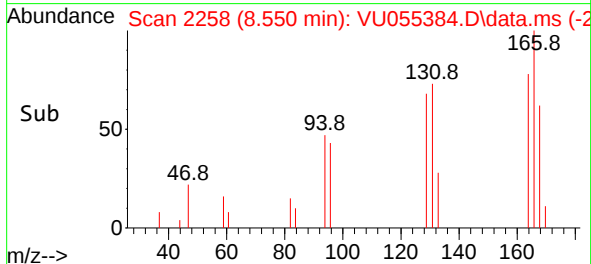
#47
Tetrachloroethene
Concen: 0.132 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055384.D
Acq: 18 Sep 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :

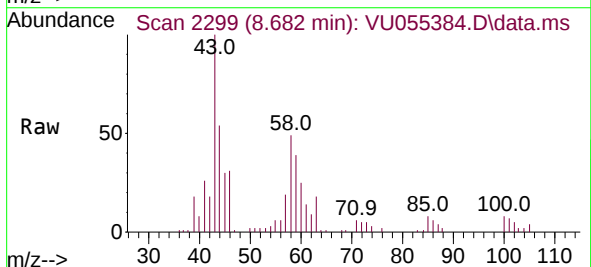


Tgt Ion:164 Resp: 2203

Ion	Ratio	Lower	Upper
164	100		
129	86.1	76.3	141.7
131	92.9	69.1	128.3
166	127.6	87.8	163.2

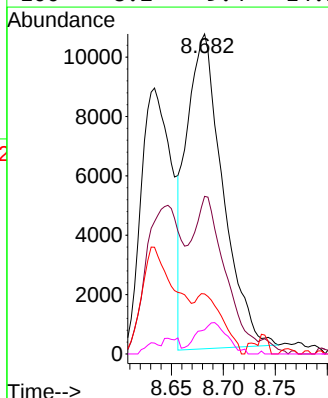
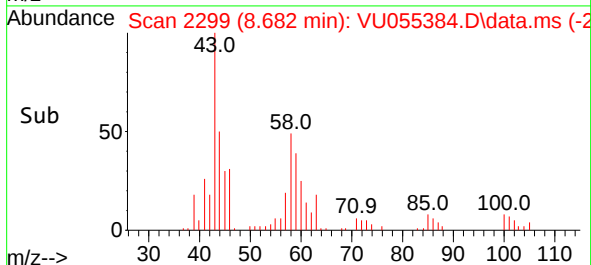


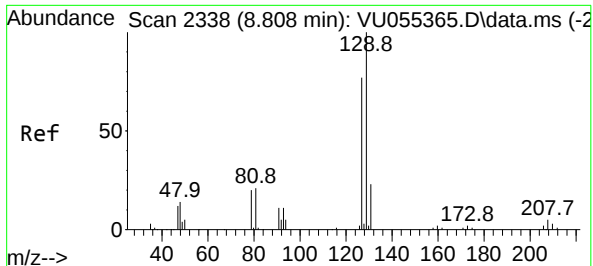
#48
2-Hexanone
Concen: 3.199 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.007 min
Lab File: VU055384.D
Acq: 18 Sep 2023 20:24



Tgt Ion: 43 Resp: 25647

Ion	Ratio	Lower	Upper
43	100		
58	39.1	47.8	71.6#
57	13.1	15.4	23.2#
100	8.2	9.4	14.2#





#49

Dibromochloromethane

Concen: 0.129 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU055384.D

Acq: 18 Sep 2023 20:24

Instrument :

MSVOA_U

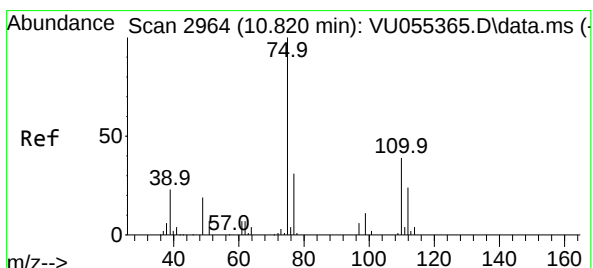
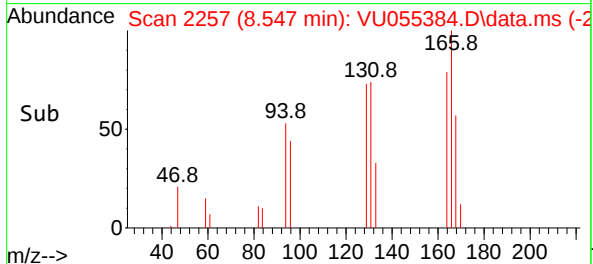
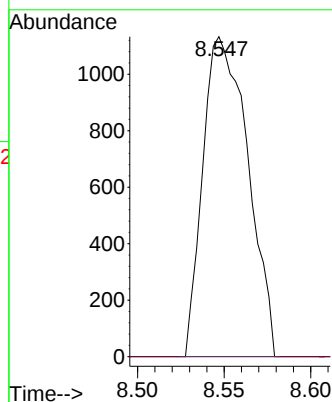
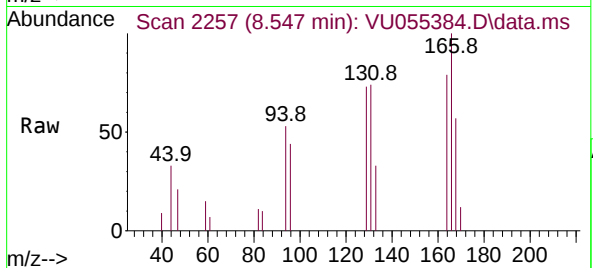
ClientSampleId :

Tgt Ion:129 Resp: 2046

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.366 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU055384.D

Acq: 18 Sep 2023 20:24

Tgt Ion: 75 Resp: 16772

Ion Ratio Lower Upper

75 100

110 3.1 31.4 47.2#

77 33.6 26.0 39.0

