

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056222.D
 Acq On : 11 Nov 2023 17:16
 Operator : MD/SY
 Sample : 05339-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:23:32 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)

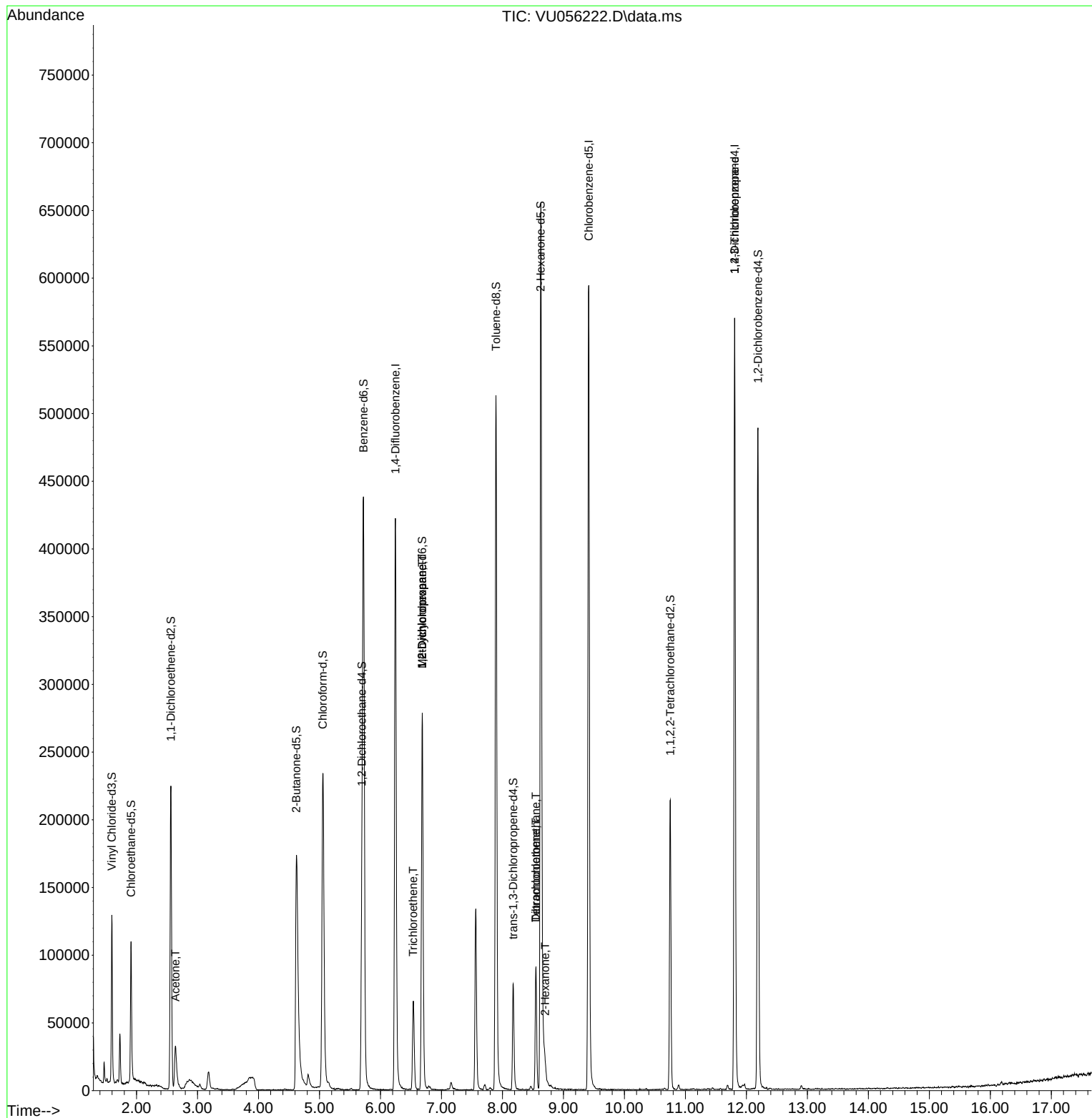
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	361621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	363087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89885	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.911	69	77652	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.563	65	42937	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.621	46	280303	76.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.240%#
24) Chloroform-d	5.055	84	227052	5.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	109216	5.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.721	84	440989	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.685	67	136347	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.894	98	364628	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	49532	5.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	235383	73.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.380%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110282	6.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.400%#
66) 1,2-Dichlorobenzene-d4	12.190	152	138148	5.660	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
13) Acetone	2.637	43	51253	18.873	ug/L	98
34) Trichloroethene	6.537	95	24258	0.854	ug/L	94
35) Methylcyclohexane	6.685	83	32087	0.760	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14129	0.523	ug/L #	87
47) Tetrachloroethene	8.550	164	21045	0.987	ug/L	95
48) 2-Hexanone	8.701	43	11513	1.337	ug/L #	96
49) Dibromochloromethane	8.550	129	20986	0.990	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18456	1.351	ug/L #	67

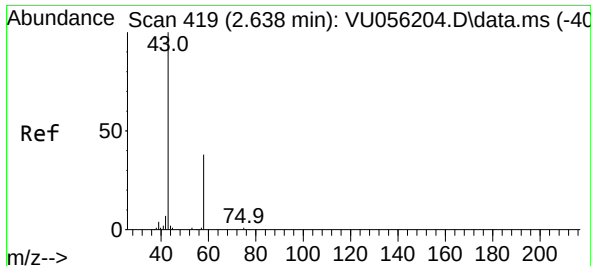
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 20:19:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 18.873 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU056222.D

Acq: 11 Nov 2023 17:16

Instrument :

MSVOA_U

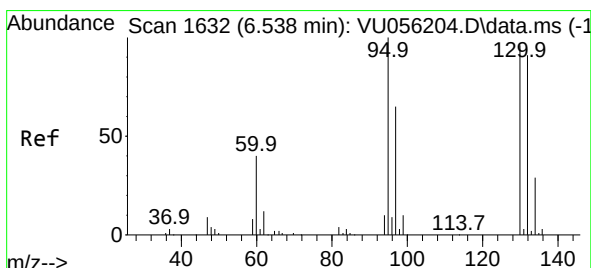
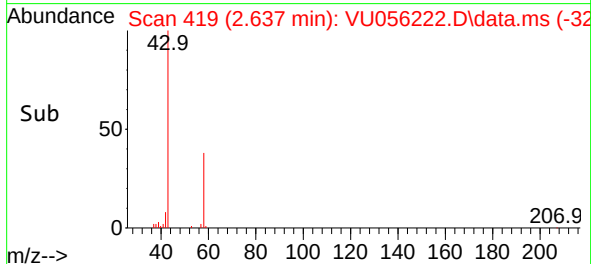
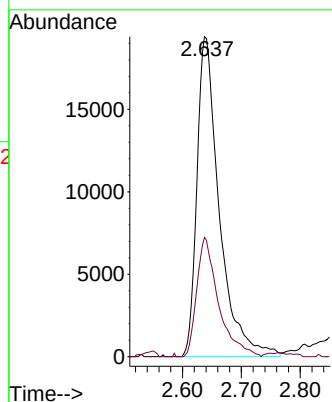
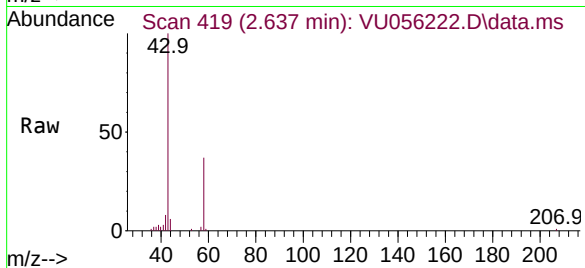
ClientSampleId :

Tgt Ion: 43 Resp: 51253

Ion Ratio Lower Upper

43 100

58 36.1 0.0 74.4



#34

Trichloroethene

Concen: 0.854 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056222.D

Acq: 11 Nov 2023 17:16

Tgt Ion: 95 Resp: 24258

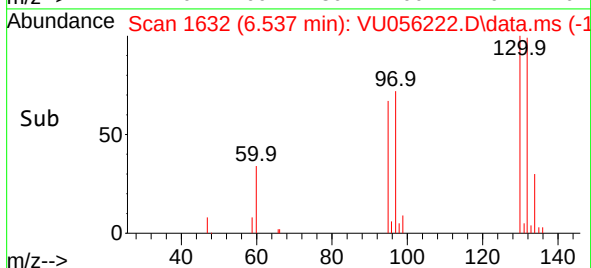
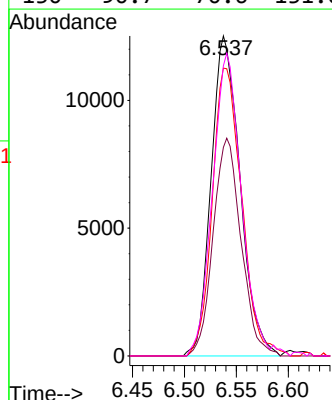
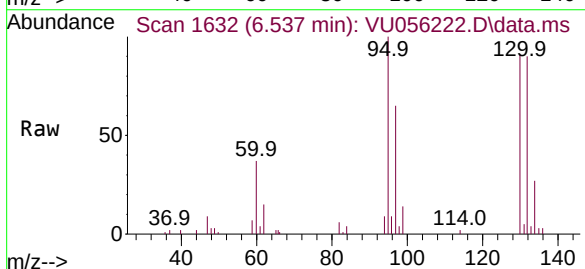
Ion Ratio Lower Upper

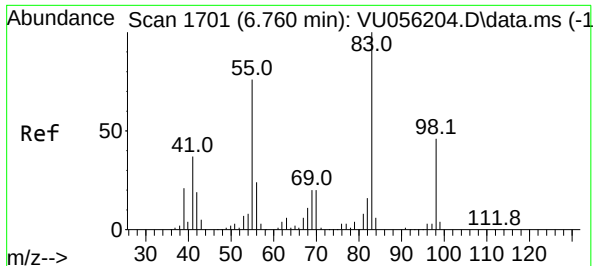
95 100

97 65.2 46.8 87.0

132 89.9 66.5 123.5

130 90.7 70.6 131.0





#35

Methylcyclohexane

Concen: 0.760 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056222.D

Acq: 11 Nov 2023 17:16

Instrument :

MSVOA_U

ClientSampleId :

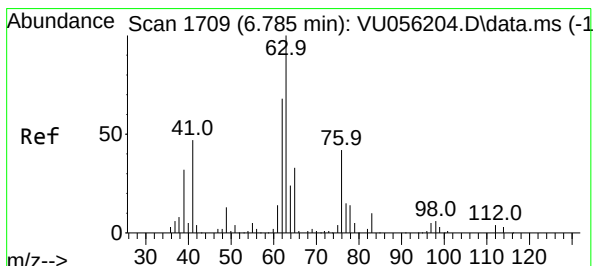
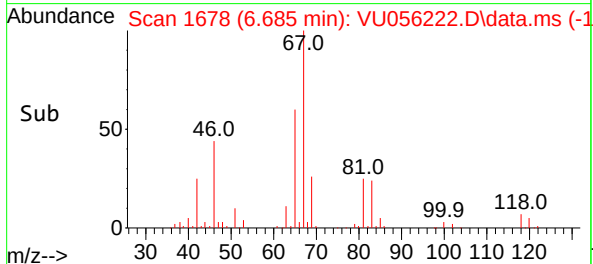
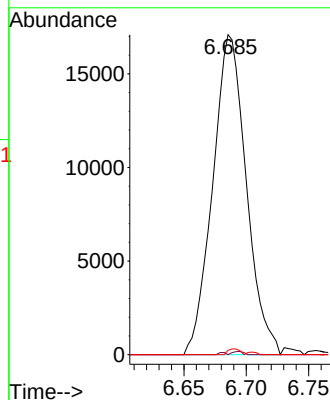
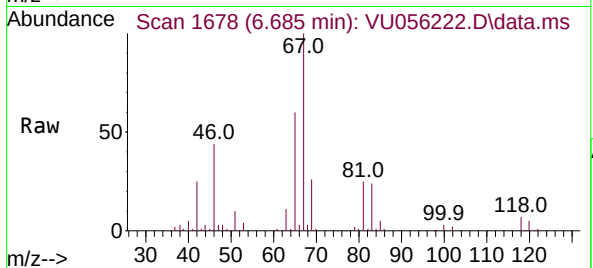
Tgt Ion: 83 Resp: 32087

Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.6 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056222.D

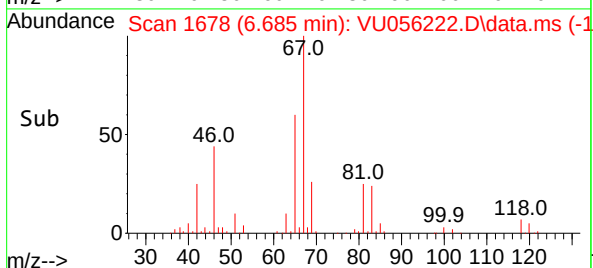
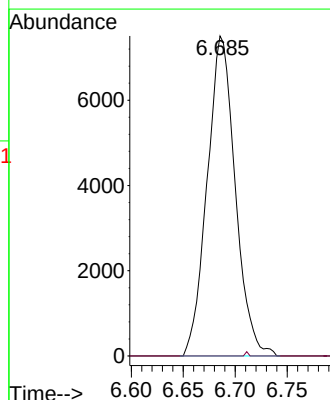
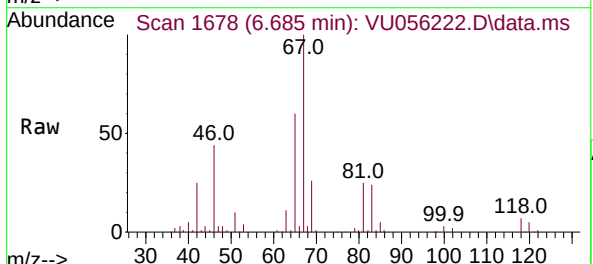
Acq: 11 Nov 2023 17:16

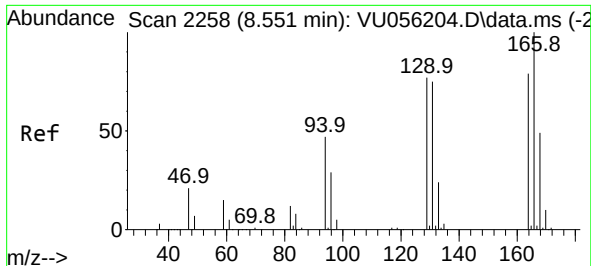
Tgt Ion: 63 Resp: 14129

Ion Ratio Lower Upper

63 100

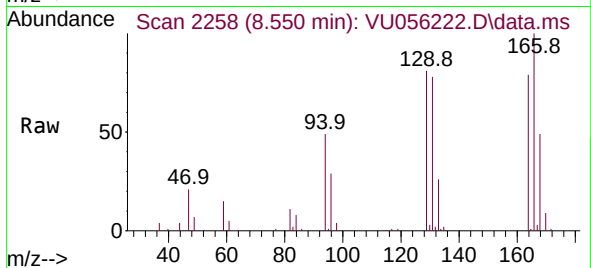
112 0.1 3.4 5.2#



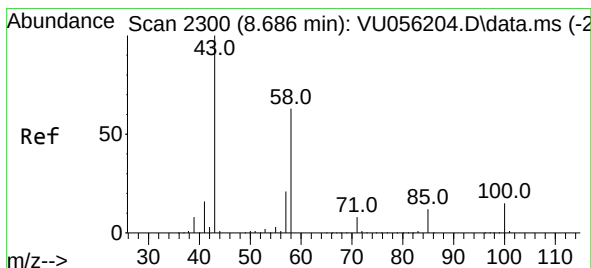
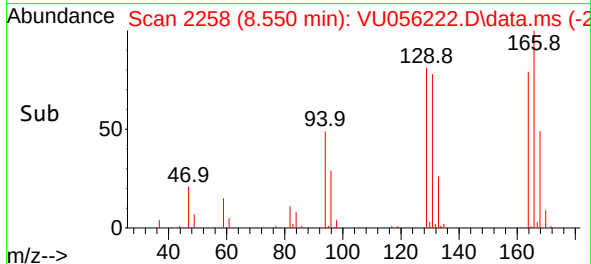
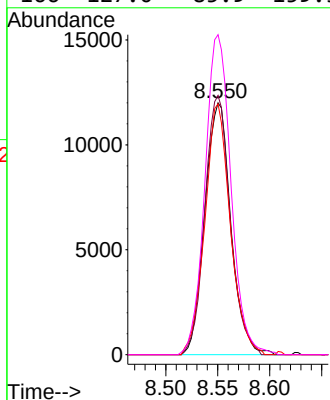


#47
Tetrachloroethene
Concen: 0.987 ug/L
RT: 8.550 min Scan# 21045
Delta R.T. -0.000 min
Lab File: VU056222.D
Acq: 11 Nov 2023 17:16

Instrument :
MSVOA_U
ClientSampleId :

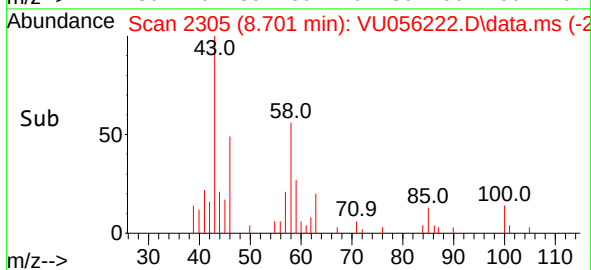
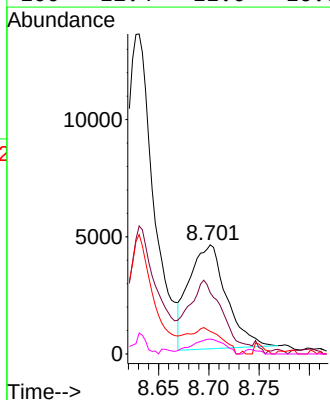
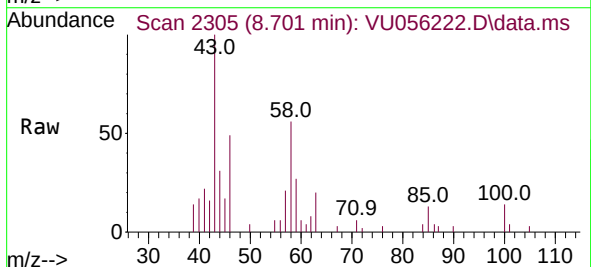


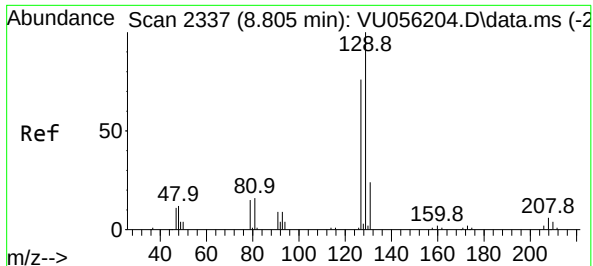
Tgt Ion:164	Resp:	21045	
Ion	Ratio	Lower	Upper
164	100		
129	102.9	66.6	123.8
131	99.6	67.8	126.0
166	127.0	85.9	159.5



#48
2-Hexanone
Concen: 1.337 ug/L
RT: 8.701 min Scan# 2305
Delta R.T. 0.016 min
Lab File: VU056222.D
Acq: 11 Nov 2023 17:16

Tgt Ion: 43	Resp:	11513	
Ion	Ratio	Lower	Upper
43	100		
58	67.2	52.0	78.0
57	17.3	17.4	26.2#
100	12.4	11.0	16.6





#49

Dibromochloromethane

Concen: 0.990 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min MSVOA_U

Lab File: VU056222.D

Acq: 11 Nov 2023 17:16

Instrument :

MSVOA_U

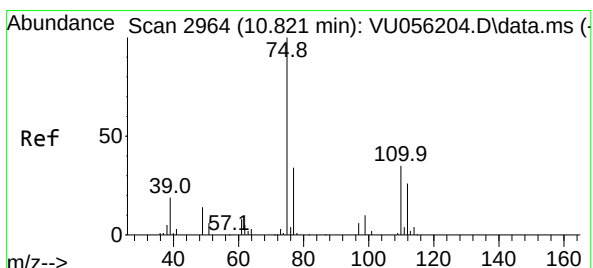
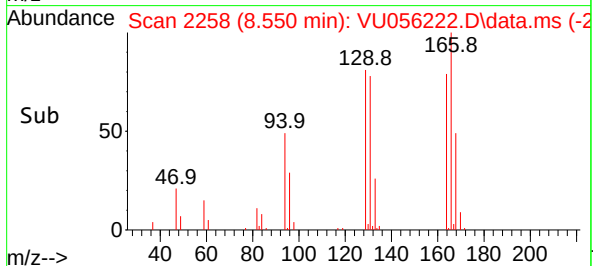
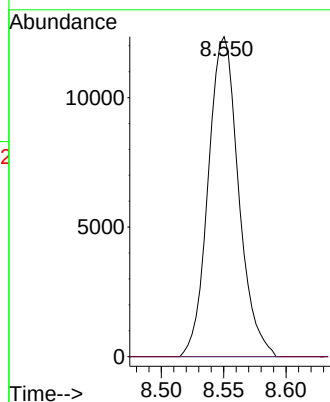
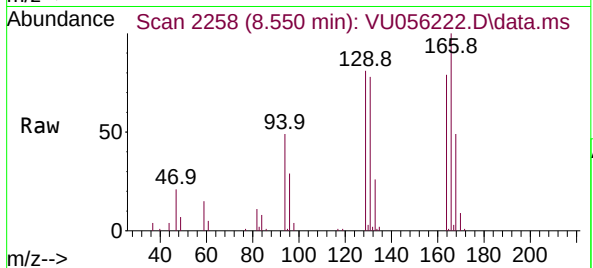
ClientSampleId :

Tgt Ion:129 Resp: 20986

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056222.D

Acq: 11 Nov 2023 17:16

Tgt Ion: 75 Resp: 18456

Ion Ratio Lower Upper

75 100

110 2.5 29.7 44.5#

77 33.8 25.5 38.3

