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 Data File : VU056895.D
 Acq On : 15 Dec 2023 22:02
 Operator : MD/SY
 Sample : 05809-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

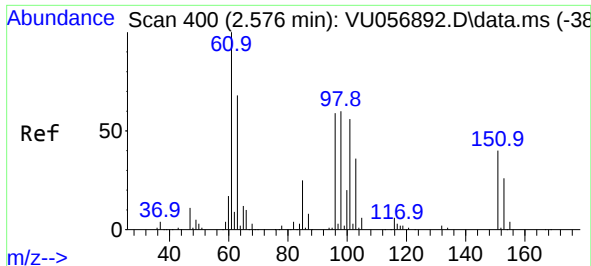
Instrument :
 MSVOA_U
 ClientSampleId :
 F7C01

Quant Time: Dec 16 00:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	209313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80323	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.908	69	65737	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	35976	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.624	46	196094	55.344	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.680%
24) Chloroform-d	5.055	84	172199	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	86938	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	321175	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.685	67	106973	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	259177	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	35178	4.328	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.631	63	149700	48.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78116	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	94423	5.253	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4465	0.241	ug/L #	75
12) 1,1-Dichloroethene	2.576	96	218084	12.833	ug/L #	80
19) 1,1-Dichloroethane	3.866	63	6879	0.208	ug/L	92
25) Chloroform	5.084	83	14270	0.411	ug/L	92
35) Methylcyclohexane	6.685	83	25206	0.821	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10994	0.566	ug/L #	89
47) Tetrachloroethene	8.547	164	43087	2.958	ug/L	98
48) 2-Hexanone	8.679	43	6241	0.951	ug/L #	88
49) Dibromochloromethane	8.550	129	44297	2.937	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12073	1.230	ug/L #	69

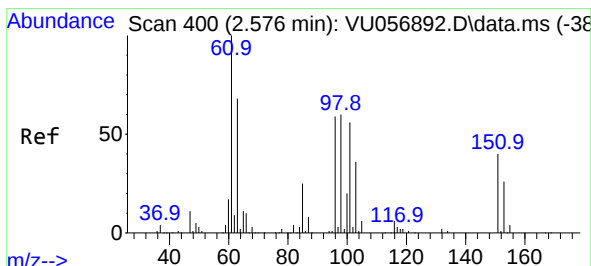
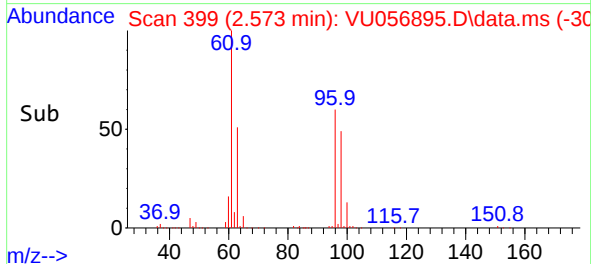
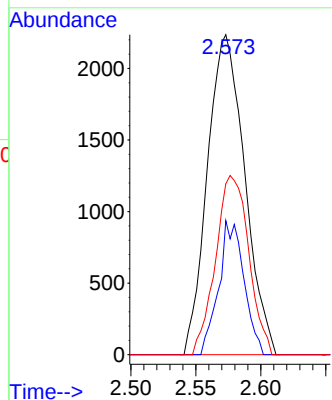
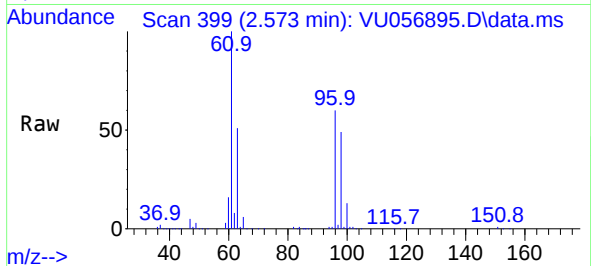
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.241 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056895.D
Acq: 15 Dec 2023 22:02

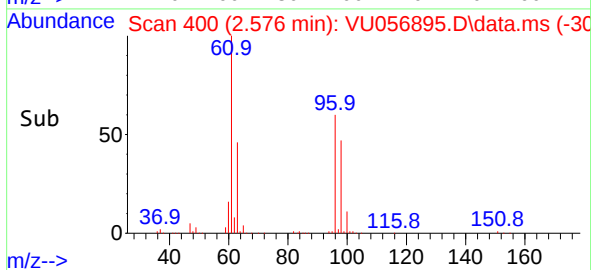
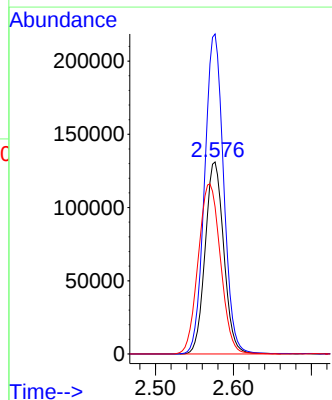
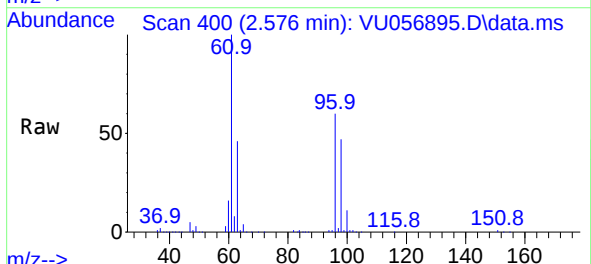
Instrument :
MSVOA_U
ClientSampleId :
F7C01

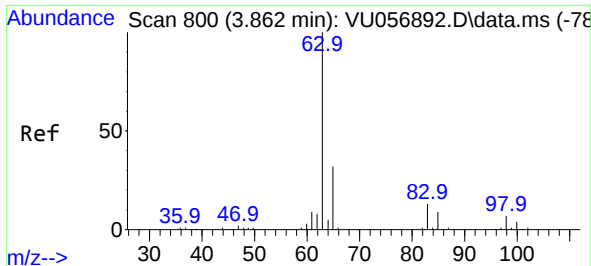
Tgt Ion:101 Resp: 4465
Ion Ratio Lower Upper
101 100
85 28.3 35.2 52.8#
151 49.8 56.0 84.0#



#12
1,1-Dichloroethene
Concen: 12.833 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056895.D
Acq: 15 Dec 2023 22:02

Tgt Ion: 96 Resp: 218084
Ion Ratio Lower Upper
96 100
61 166.7 119.0 221.0
63 76.6 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.208 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056895.D

Acq: 15 Dec 2023 22:02

Instrument :

MSVOA_U

ClientSampleId :

F7C01

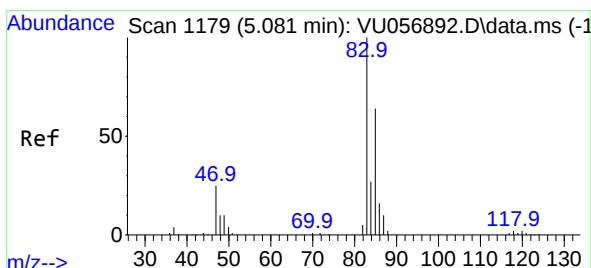
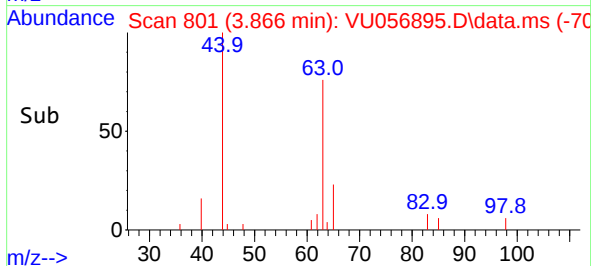
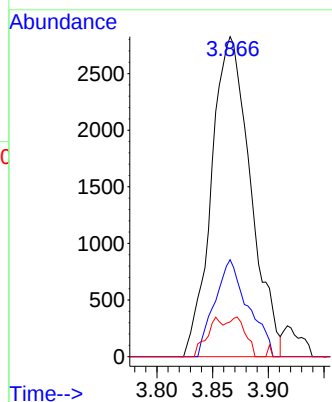
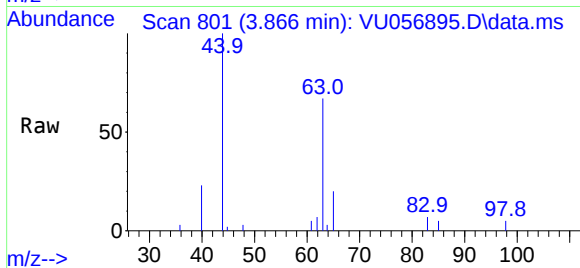
Tgt Ion: 63 Resp: 6879

Ion Ratio Lower Upper

63 100

65 28.9 22.9 42.5

83 10.4 10.1 18.9



#25

Chloroform

Concen: 0.411 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU056895.D

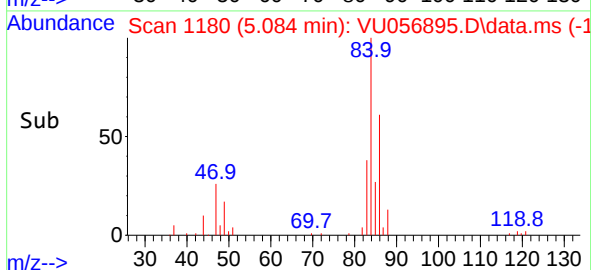
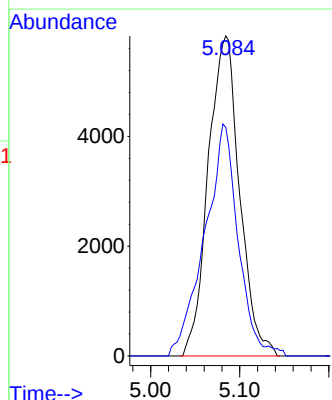
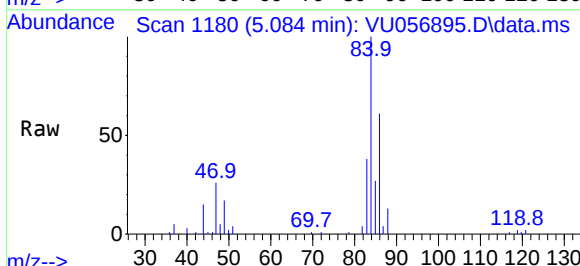
Acq: 15 Dec 2023 22:02

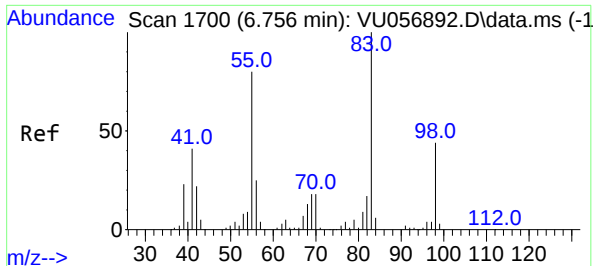
Tgt Ion: 83 Resp: 14270

Ion Ratio Lower Upper

83 100

85 71.4 45.8 85.0





#35

Methylcyclohexane

Concen: 0.821 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056895.D

Acq: 15 Dec 2023 22:02

Instrument :

MSVOA_U

ClientSampleId :

F7C01

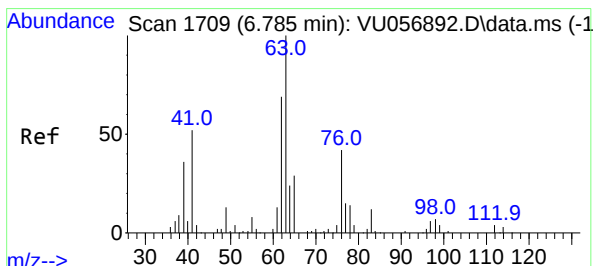
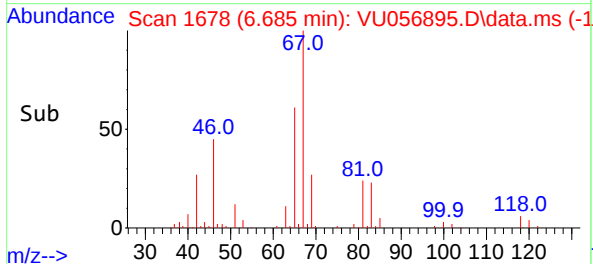
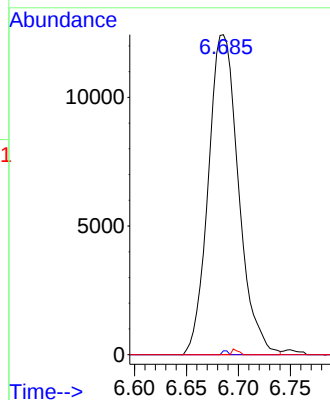
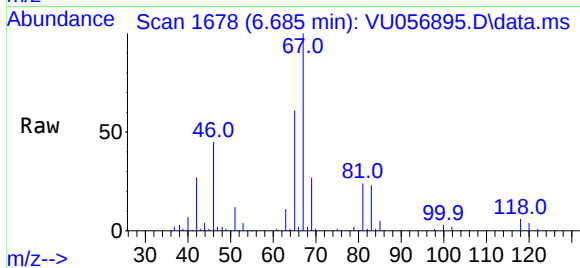
Tgt Ion: 83 Resp: 25206

Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056895.D

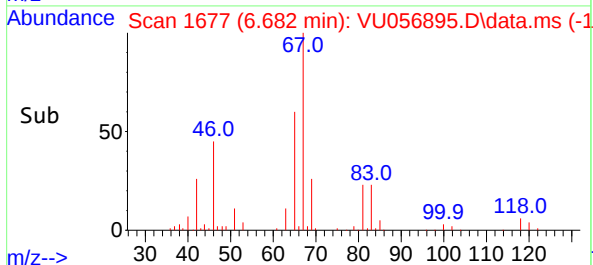
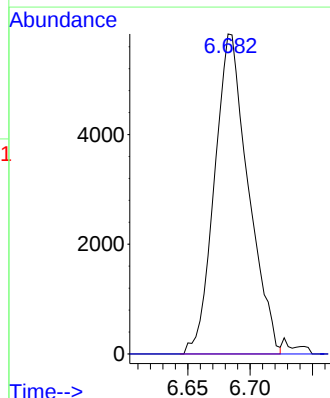
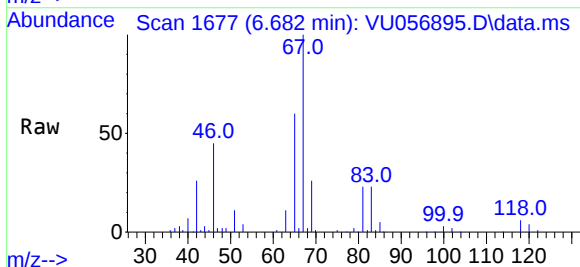
Acq: 15 Dec 2023 22:02

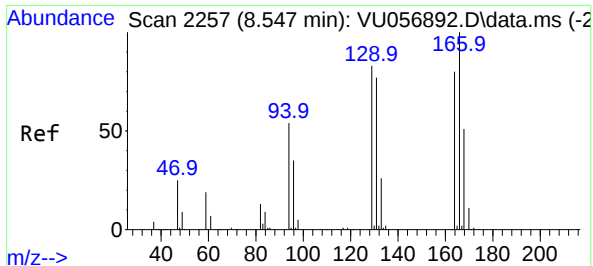
Tgt Ion: 63 Resp: 10994

Ion Ratio Lower Upper

63 100

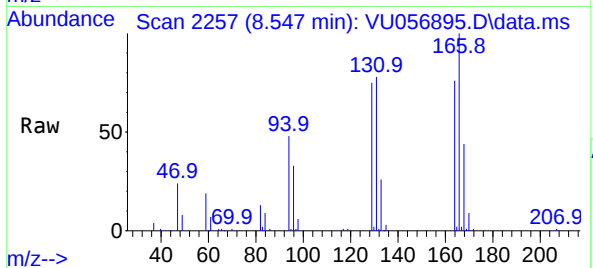
112 0.6 3.3 4.9#



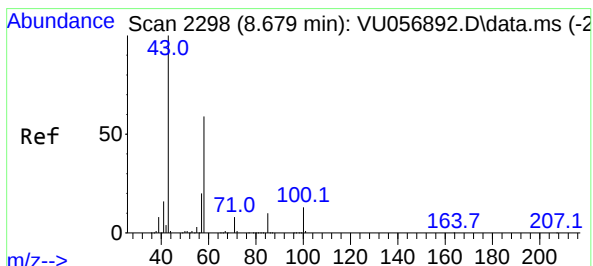
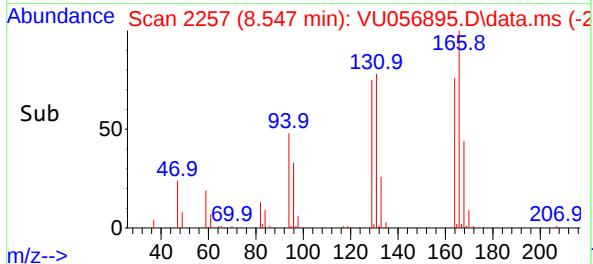
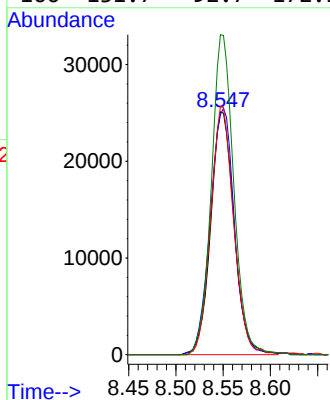


#47
Tetrachloroethene
Concen: 2.958 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056895.D
Acq: 15 Dec 2023 22:02

Instrument :
MSVOA_U
ClientSampleId :
F7C01

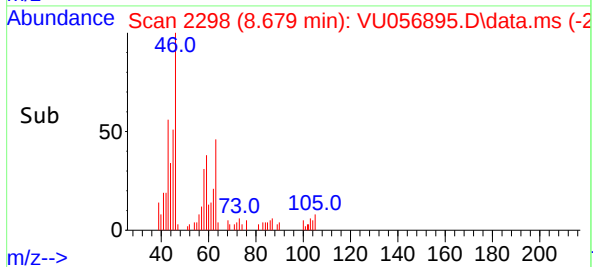
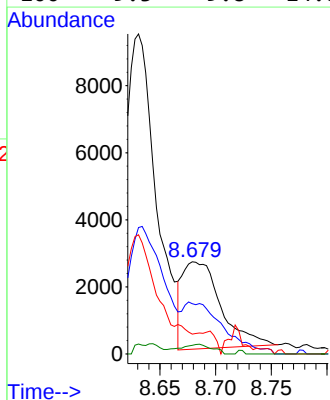
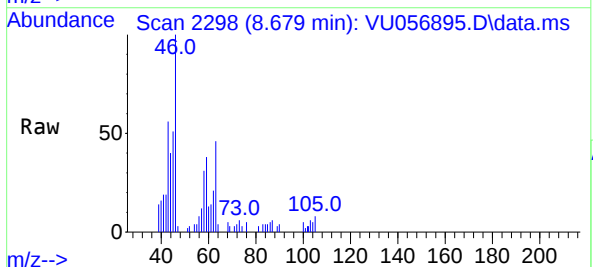


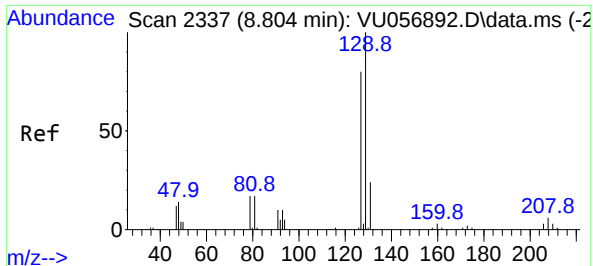
Tgt Ion:164 Resp: 43087
Ion Ratio Lower Upper
164 100
129 98.8 73.4 136.4
131 102.2 71.5 132.9
166 131.7 92.7 172.1



#48
2-Hexanone
Concen: 0.951 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056895.D
Acq: 15 Dec 2023 22:02

Tgt Ion: 43 Resp: 6241
Ion Ratio Lower Upper
43 100
58 59.8 47.5 71.3
57 0.0 17.0 25.4#
100 9.3 9.8 14.8#





#49

Dibromochloromethane

Concen: 2.937 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056895.D

Acq: 15 Dec 2023 22:02

Instrument :

MSVOA_U

ClientSampleId :

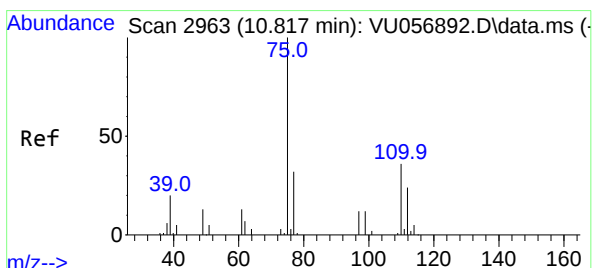
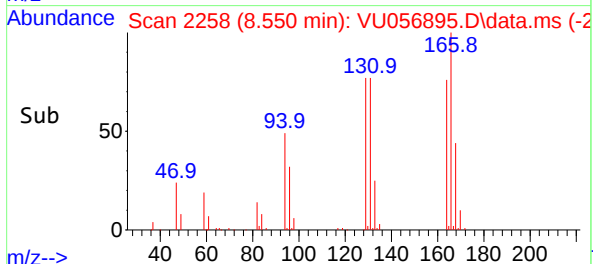
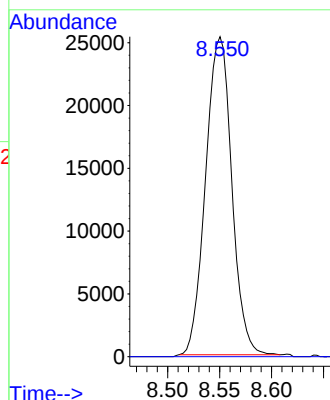
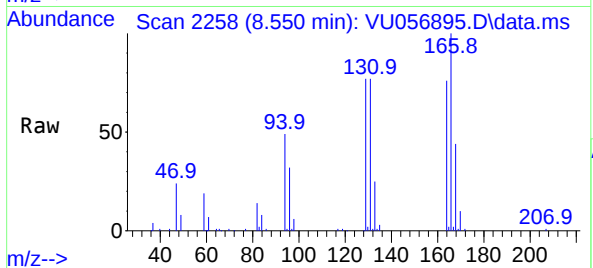
F7C01

Tgt Ion:129 Resp: 44297

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.230 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056895.D

Acq: 15 Dec 2023 22:02

Tgt Ion: 75 Resp: 12073

Ion Ratio Lower Upper

75 100

110 1.5 28.4 42.6#

77 33.7 26.3 39.5

