

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052492.D
 Acq On : 22 Dec 2022 15:29
 Operator : JC/MD
 Sample : N6188-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL50

Quant Time: Dec 23 00:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

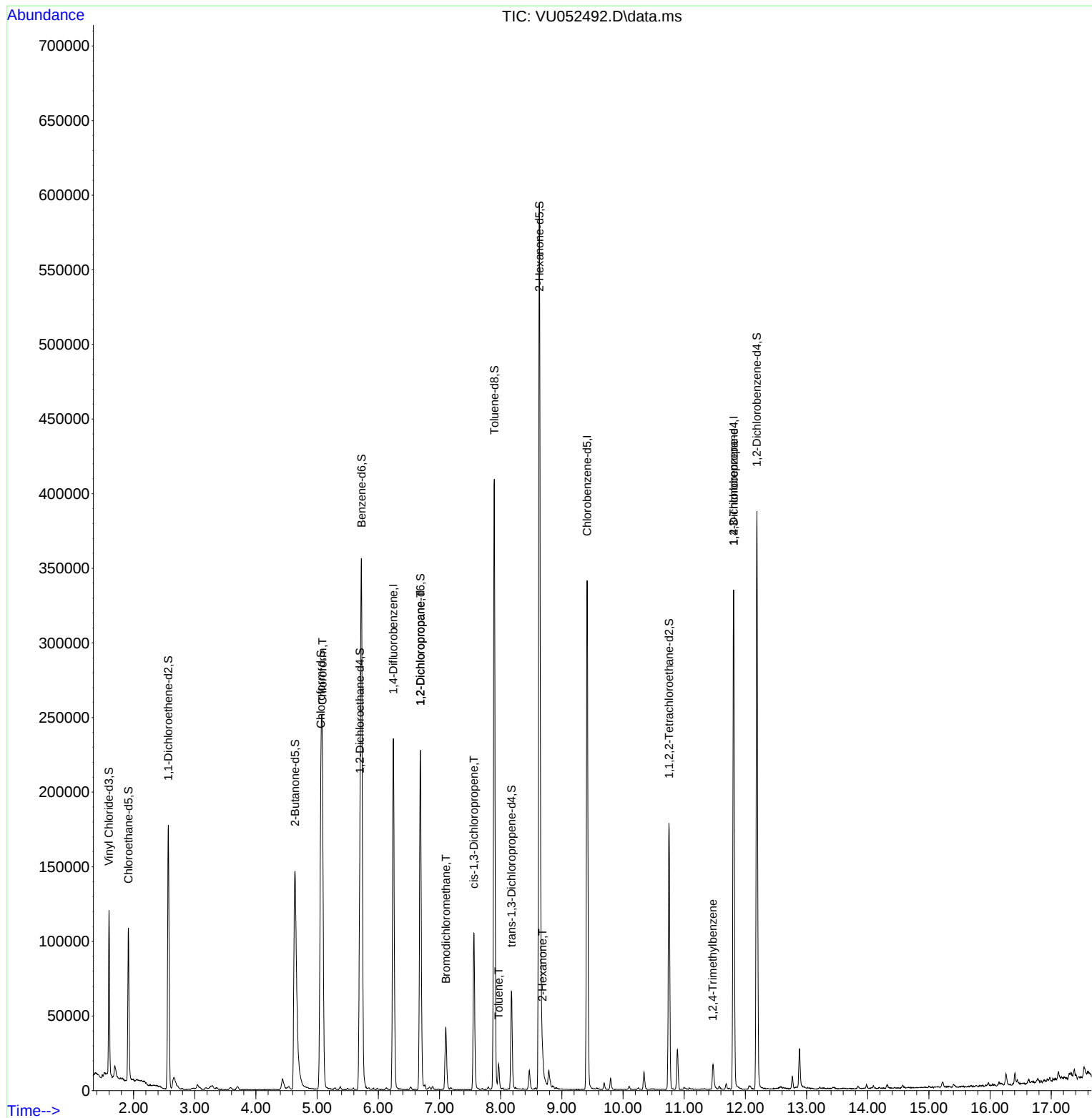
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	184240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81849	4.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.915	69	76474	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.568	65	34791	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.639	46	298641	50.701	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.400%
24) Chloroform-d	5.060	84	165025	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.700	65	89931	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	327532	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.687	67	110744	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.896	98	263404	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.176	79	37504	5.037	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.632	63	209144	51.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90116	4.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	97184	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
25) Chloroform	5.086	83	174250	5.715	ug/L	98
37) 1,2-Dichloropropane	6.687	63	11240	0.607	ug/L #	88
38) Bromodichloromethane	7.105	83	27304	1.211	ug/L #	98
39) cis-1,3-Dichloropropene	7.562	75	2633	0.112	ug/L #	68
42) Toluene	7.967	91	11572	0.182	ug/L	98
48) 2-Hexanone	8.684	43	7570	0.742	ug/L #	92
61) 1,2,3-Trichloropropane	11.809	75	11970	0.952	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.468	105	7688	0.163	ug/L #	46

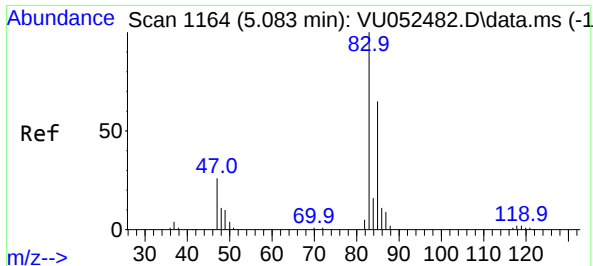
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 5.715 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052492.D

Acq: 22 Dec 2022 15:29

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MSVOA_U

ClientSampleId :

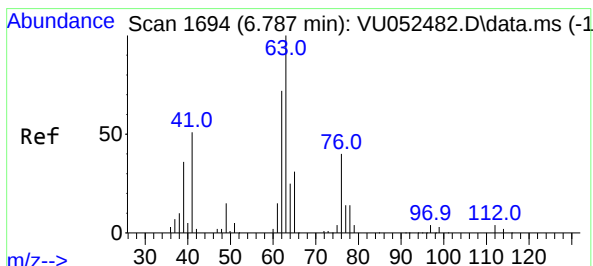
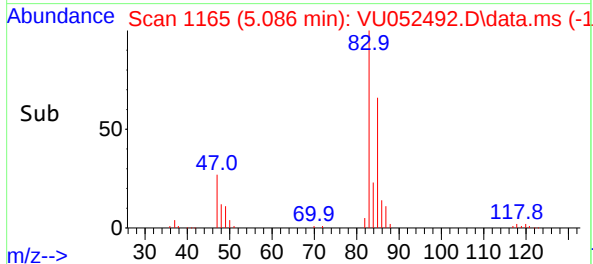
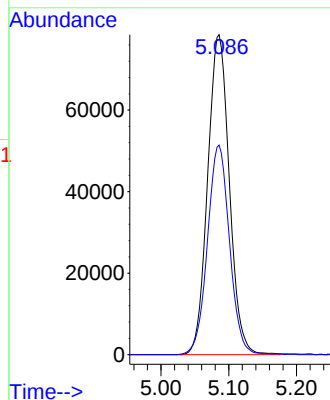
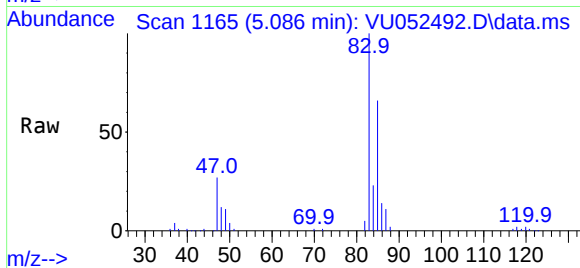
COL50

Tgt Ion: 83 Resp: 174250

Ion Ratio Lower Upper

83 100

85 65.5 44.7 83.1



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052492.D

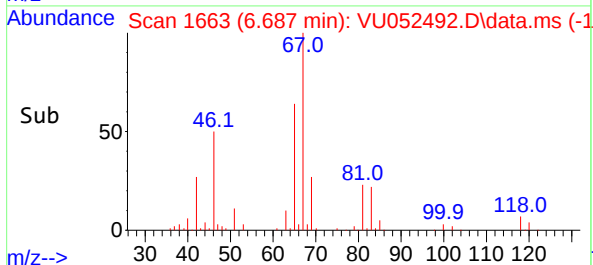
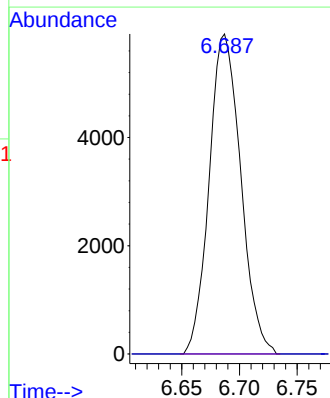
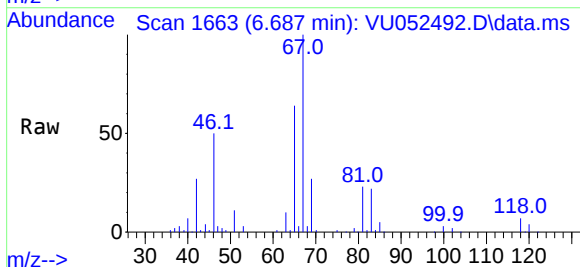
Acq: 22 Dec 2022 15:29

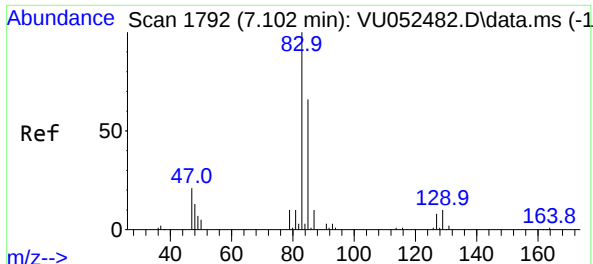
Tgt Ion: 63 Resp: 11240

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

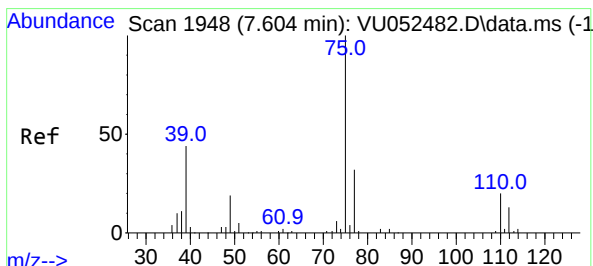
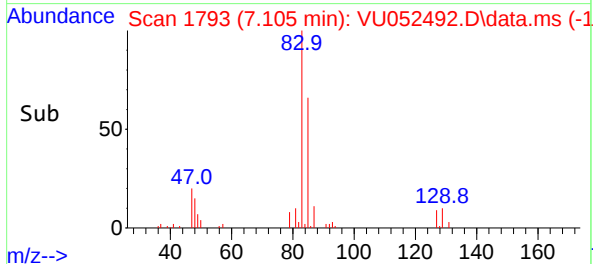
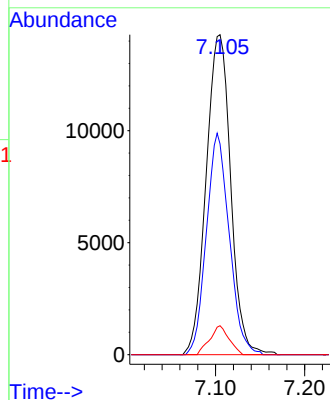
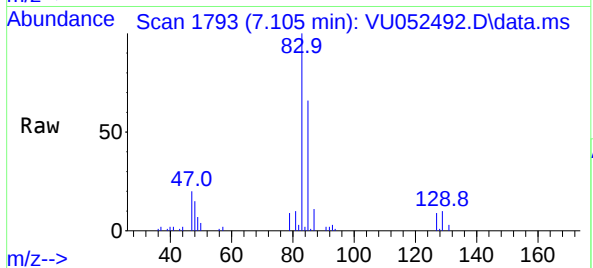




#38
Bromodichloromethane
Concen: 1.211 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052492.D
Acq: 22 Dec 2022 15:29

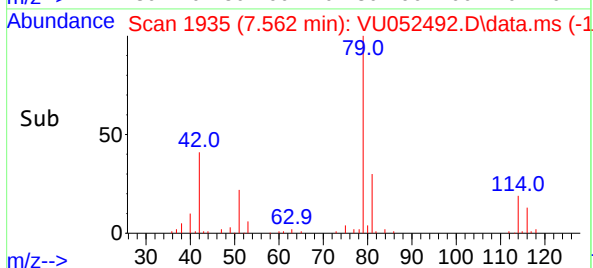
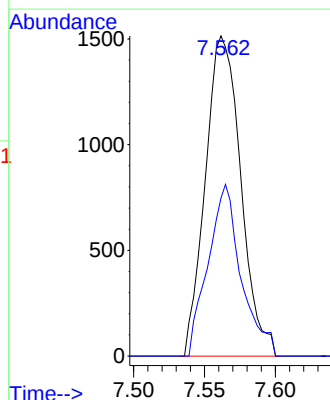
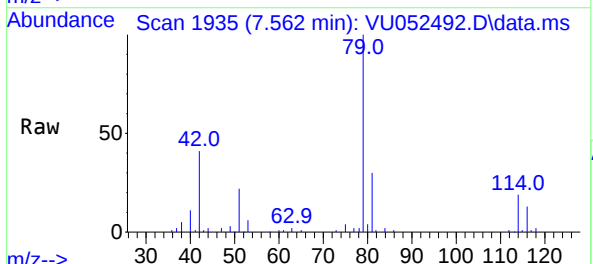
Instrument :
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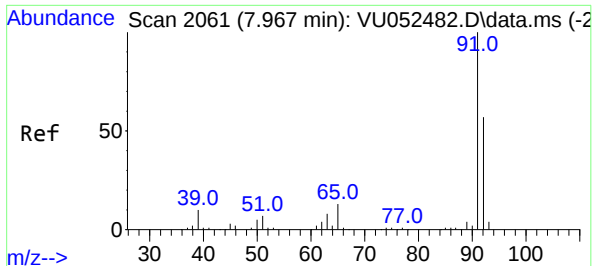
Tgt Ion: 83 Resp: 27304
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0
127 9.0 5.8 8.6#



#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU052492.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 75 Resp: 2633
Ion Ratio Lower Upper
75 100
77 49.4 22.0 41.0#





#42

Toluene

Concen: 0.182 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052492.D

Acq: 22 Dec 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

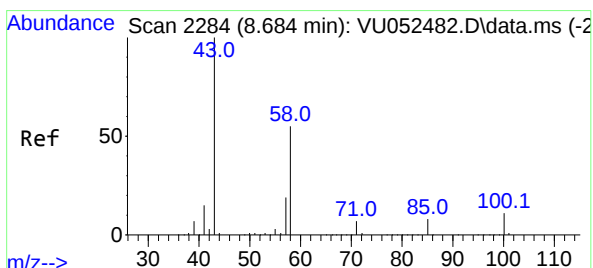
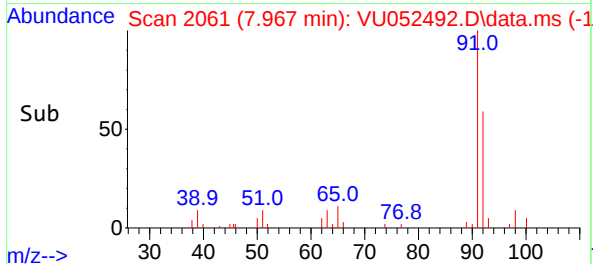
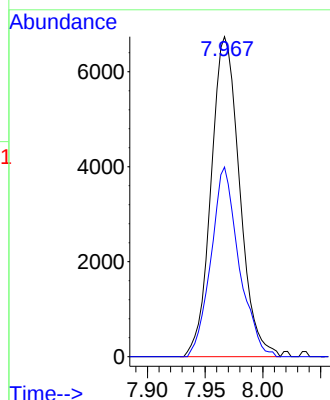
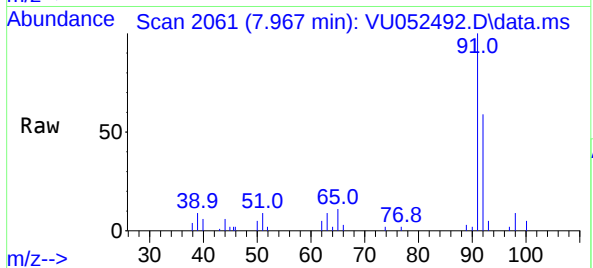
COL50

Tgt Ion: 91 Resp: 11572

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#48

2-Hexanone

Concen: 0.742 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU052492.D

Acq: 22 Dec 2022 15:29

Tgt Ion: 43 Resp: 7570

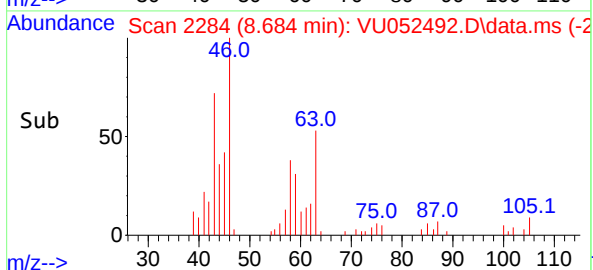
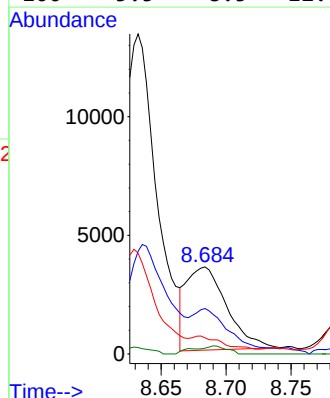
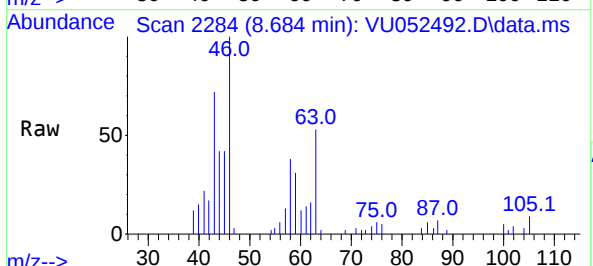
Ion Ratio Lower Upper

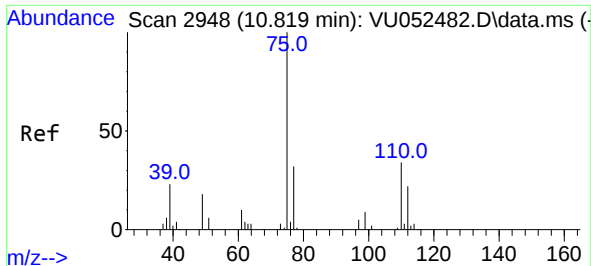
43 100

58 51.3 44.1 66.1

57 12.9 14.6 21.8#

100 5.5 8.5 12.7#

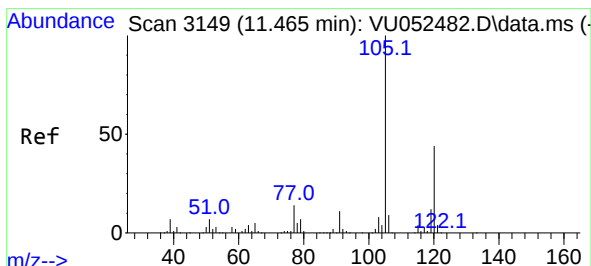
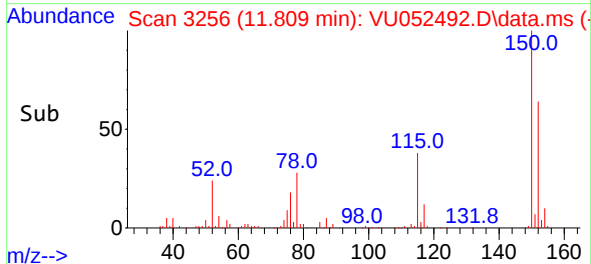
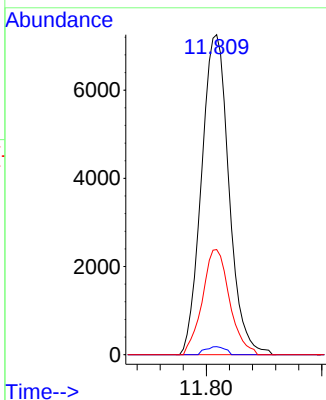
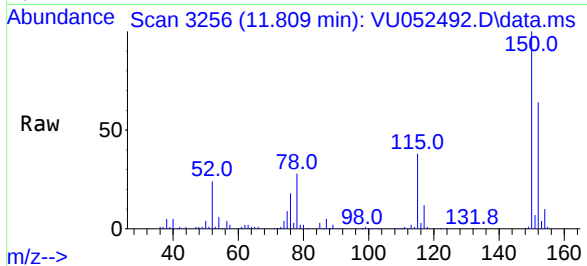




#61
1,2,3-Trichloropropane
Concen: 0.952 ug/L
RT: 11.809 min Scan# 3150
Delta R.T. 0.990 min
Lab File: VU052492.D
Acq: 22 Dec 2022 15:29

Instrument :
MSVOA_U
ClientSampleId :
COL50

Tgt Ion: 75 Resp: 11970
Ion Ratio Lower Upper
75 100
110 1.8 27.9 41.9#
77 32.5 25.9 38.9



#63
1,2,4-Trimethylbenzene
Concen: 0.163 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU052492.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 105 Resp: 7688
Ion Ratio Lower Upper
105 100
120 9.4 35.6 53.4#

