

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042622\
 Data File : VU048294.D
 Acq On : 26 Apr 2022 12:20
 Operator : SY/MD
 Sample : VU0426MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK112

Quant Time: Apr 27 03:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 27 03:51:59 2022
 Response via : Initial Calibration

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

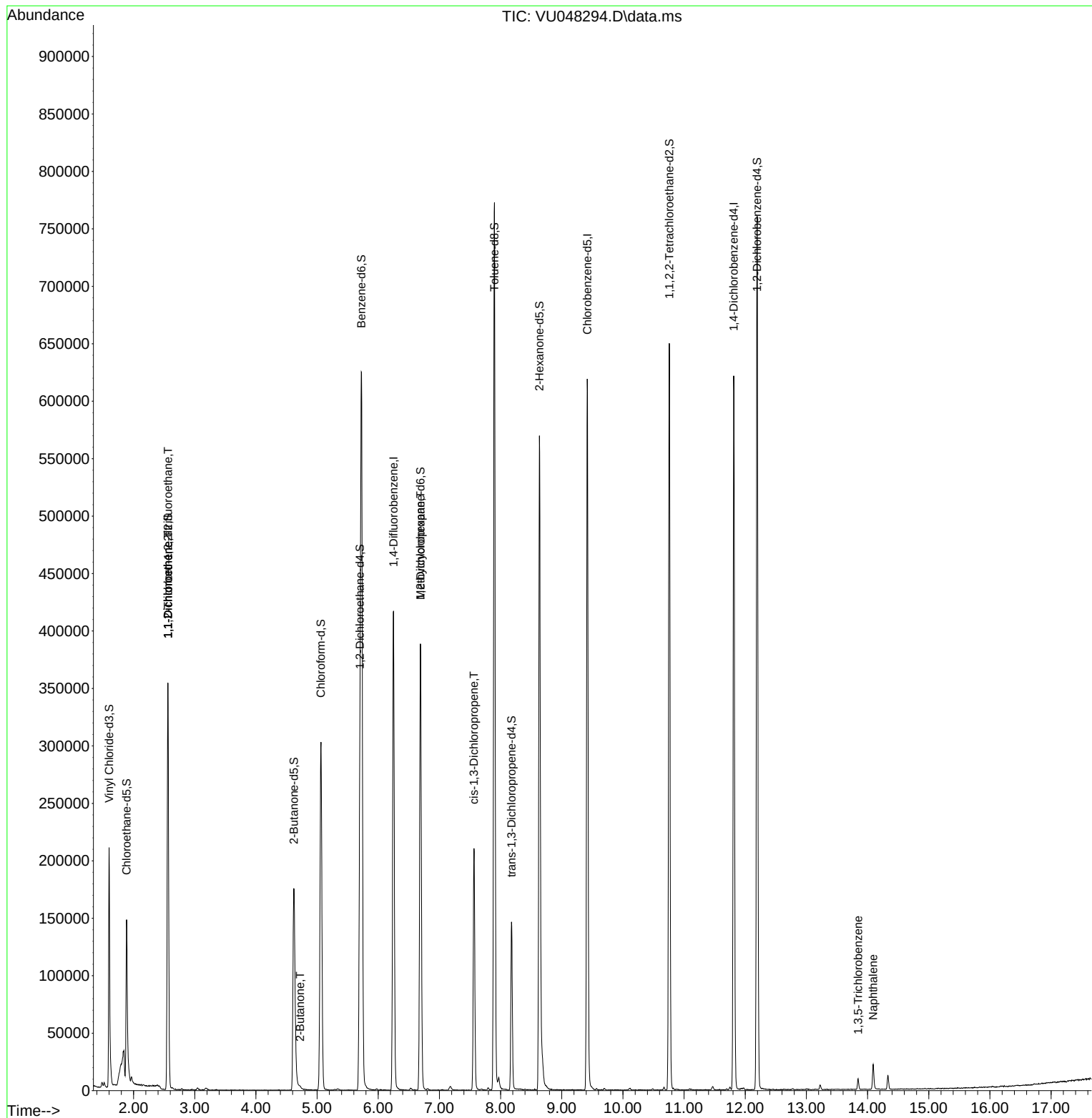
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	356858	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	167935	51.175	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.360%	
7) Chloroethane-d5	1.887	69	127800	55.482	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	110.960%	
11) 1,1-Dichloroethene-d2	2.562	63	203811	38.762	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.520%	
21) 2-Butanone-d5	4.620	46	261352	93.378	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	93.380%	
24) Chloroform-d	5.063	84	284966	47.876	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	95.760%	
26) 1,2-Dichloroethane-d4	5.700	65	180899	51.223	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.440%	
32) Benzene-d6	5.726	84	600746	51.324	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.640%	
36) 1,2-Dichloropropane-d6	6.690	67	194465	50.254	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.500%	
41) Toluene-d8	7.899	98	531385	50.084	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.160%	
43) trans-1,3-Dichloroprop...	8.179	79	83983	49.184	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	98.360%	
47) 2-Hexanone-d5	8.635	63	195616	93.696	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	93.700%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	325498	47.961	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.920%	
66) 1,2-Dichlorobenzene-d4	12.195	152	213470	53.982	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.960%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1838	0.684	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1656	0.706	ug/L #	1
22) 2-Butanone	4.722	43	2728	1.027	ug/L	89
35) Methylcyclohexane	6.690	83	43912	11.613	ug/L #	19
39) cis-1,3-Dichloropropene	7.565	75	4731	1.076	ug/L #	52
69) 1,3,5-Trichlorobenzene	13.844	180	3477	0.849	ug/L	98
71) Naphthalene	14.092	128	19709	2.129	ug/L	97

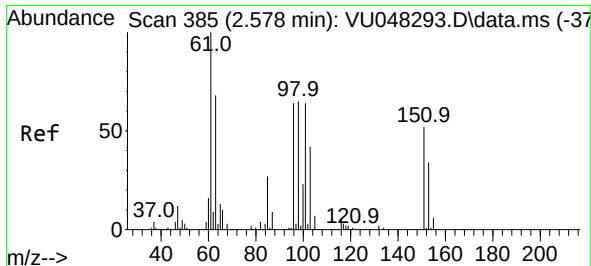
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 03:52:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 27 03:51:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.684 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK112

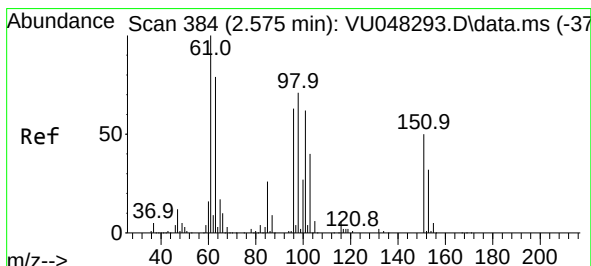
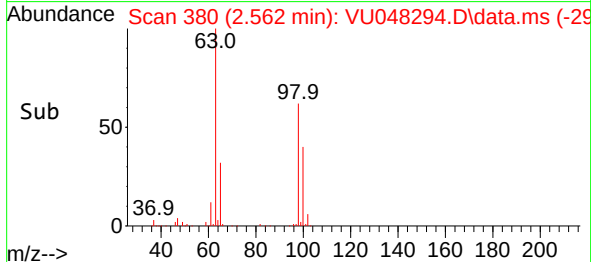
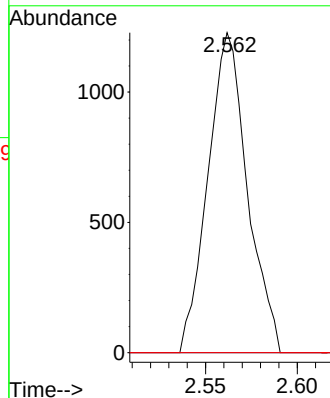
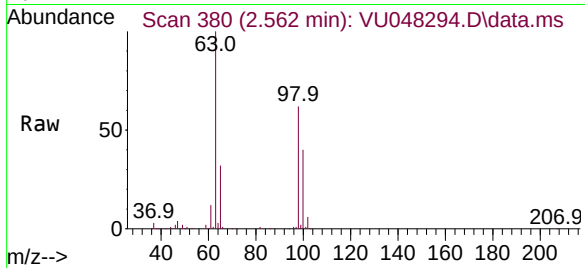
Tgt Ion:101 Resp: 1838

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.706 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

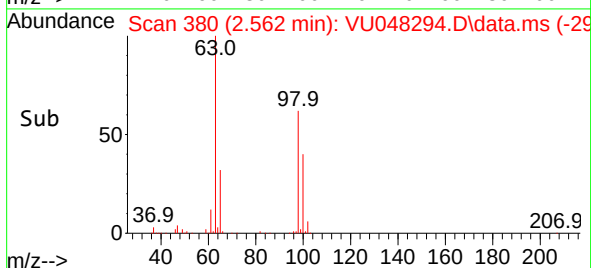
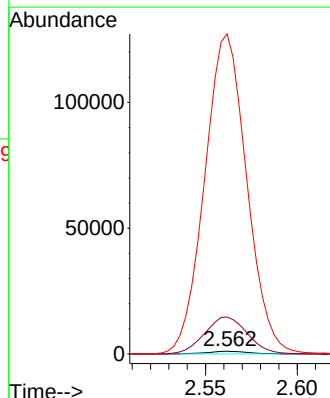
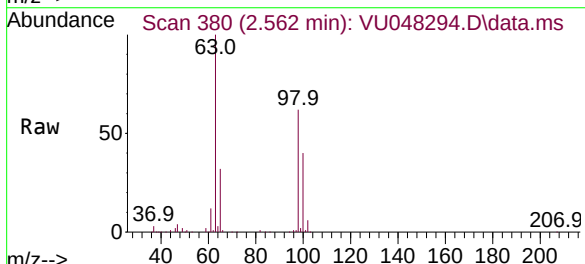
Tgt Ion: 96 Resp: 1656

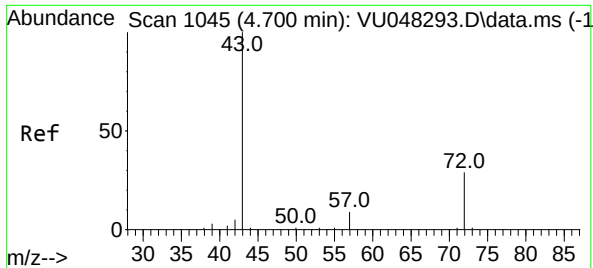
Ion Ratio Lower Upper

96 100

61 1386.6 107.9 200.3#

63 11979.7 80.3 149.1#





#22

2-Butanone

Concen: 1.027 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. 0.022 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

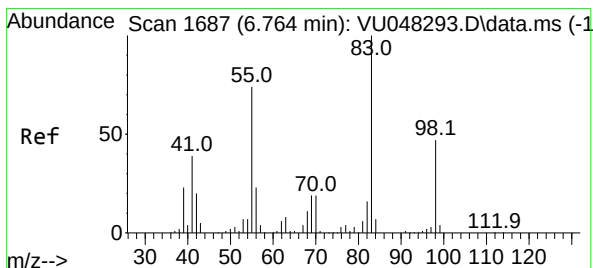
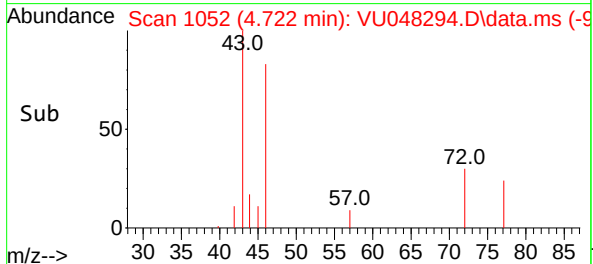
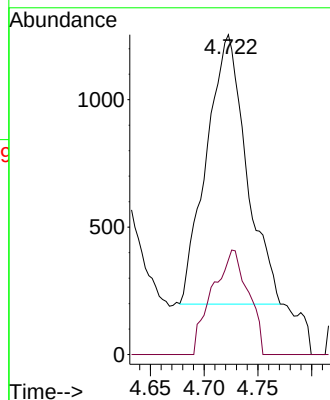
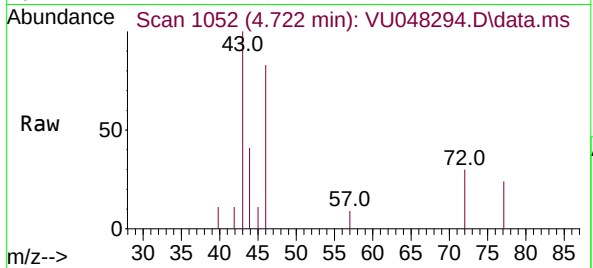
VBLK112

Tgt Ion: 43 Resp: 2728

Ion Ratio Lower Upper

43 100

72 34.8 14.6 43.8



#35

Methylcyclohexane

Concen: 11.613 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

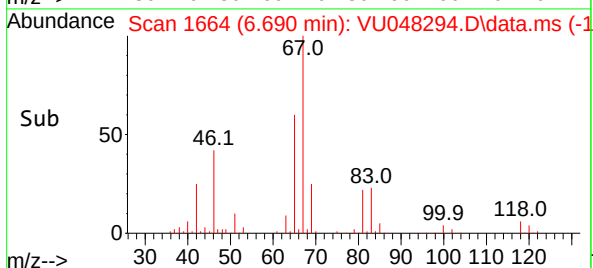
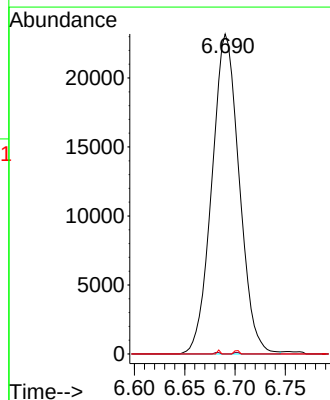
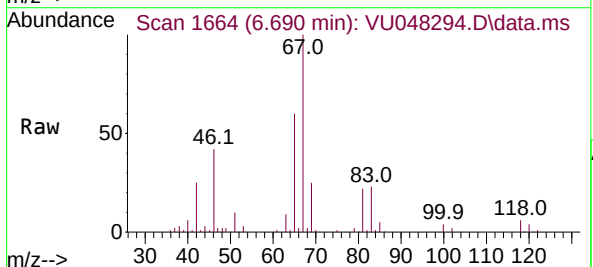
Tgt Ion: 83 Resp: 43912

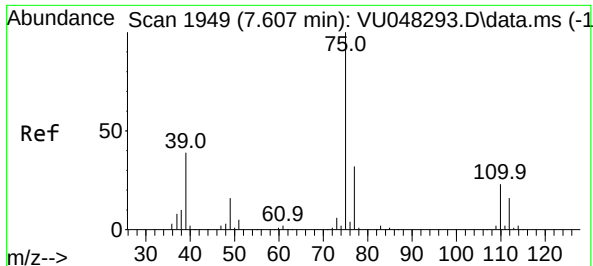
Ion Ratio Lower Upper

83 100

55 0.1 59.4 89.2#

98 0.3 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

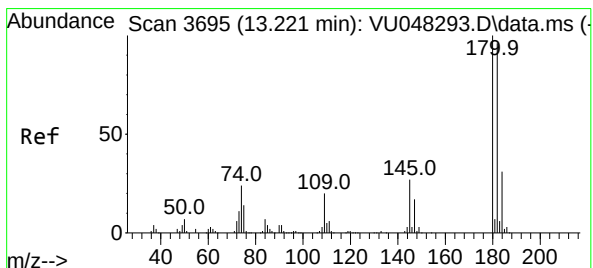
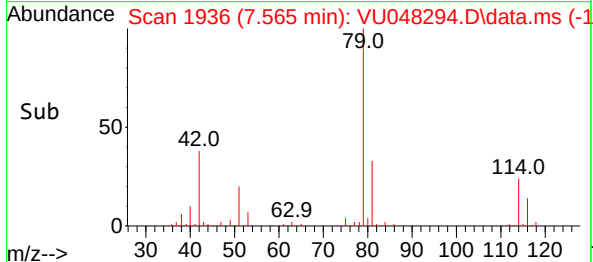
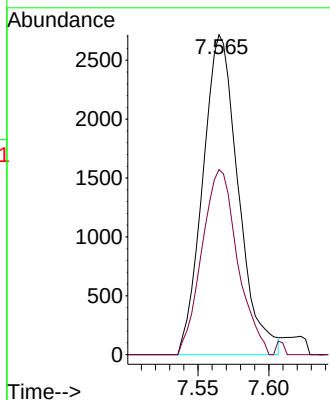
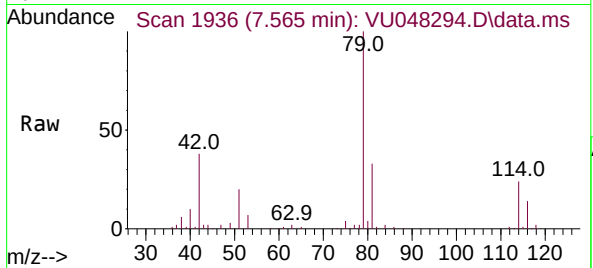
VBLK112

Tgt Ion: 75 Resp: 4731

Ion Ratio Lower Upper

75 100

77 57.8 22.0 41.0#



#69

1,3,5-Trichlorobenzene

Concen: 0.849 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048294.D

Acq: 26 Apr 2022 12:20

Tgt Ion:180 Resp: 3477

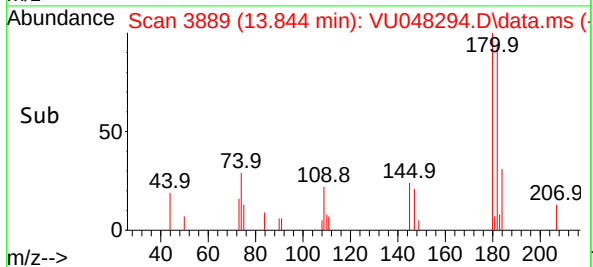
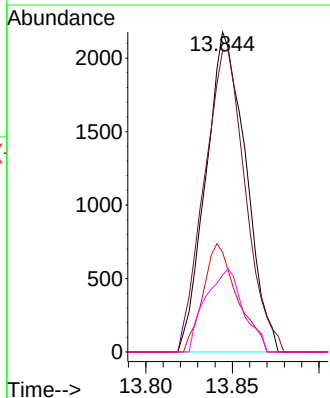
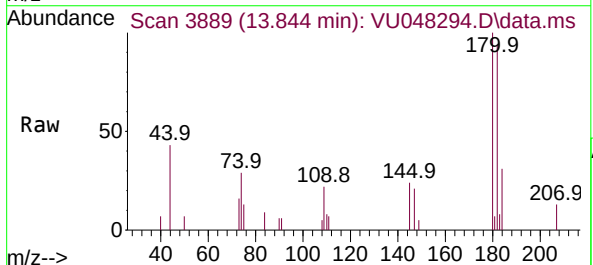
Ion Ratio Lower Upper

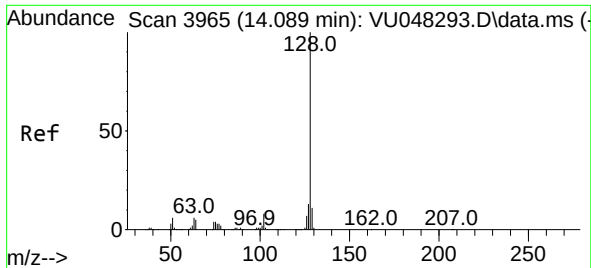
180 100

182 97.6 77.0 115.4

184 29.0 24.6 37.0

145 24.7 21.7 32.5





#71
Naphthalene
Concen: 2.129 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU048294.D
Acq: 26 Apr 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :
VBLK112

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	9.6	8.7	13.1

