

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049981.D
 Acq On : 28 Jul 2022 12:36
 Operator : SY/MD
 Sample : VU0728WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK101

Quant Time: Jul 29 02:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

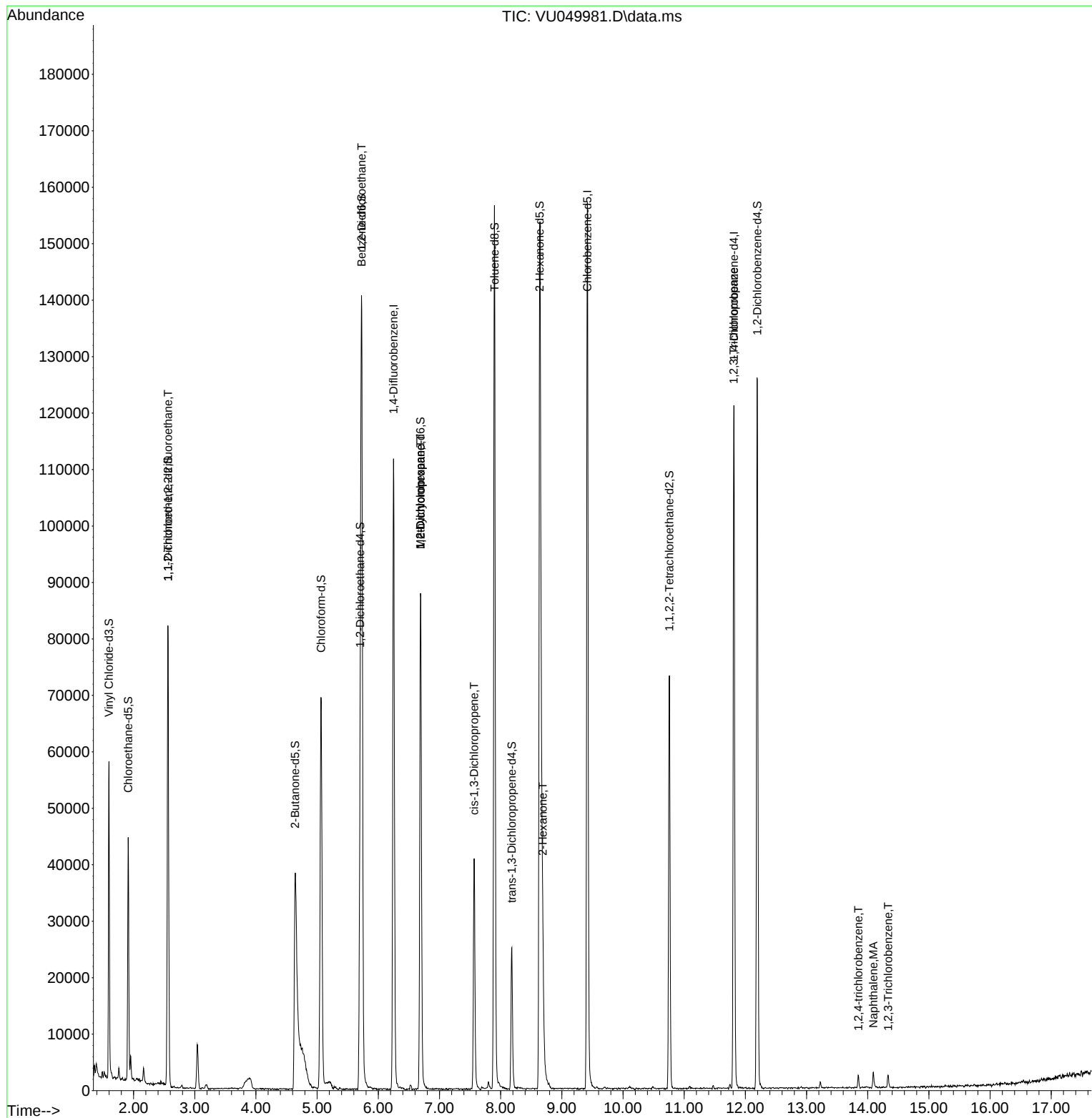
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93399	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40998	5.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.913	69	30874	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.562	65	14723	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	4.642	46	76311	42.748	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.500%
24) Chloroform-d	5.064	84	67623	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.703	65	34822	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.729	84	135733	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.690	67	45826	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.899	98	110732	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.182	79	15698	4.975	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.639	63	56718	48.012	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39381	5.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35347	5.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	421	0.076	ug/L #	21
27) 1,2-Dichloroethane	5.726	62	671	0.092	ug/L #	73
35) Methylcyclohexane	6.690	83	10101	1.161	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4521	0.604	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	977	0.101	ug/L #	59
48) 2-Hexanone	8.687	43	14075	4.271	ug/L #	92
61) 1,2,3-Trichloropropane	11.809	75	4209	1.027	ug/L #	67
70) 1,2,4-trichlorobenzene	13.845	180	1029	0.179	ug/L #	90
71) Naphthalene	14.092	128	2965	0.260	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.336	180	1108	0.194	ug/L	95

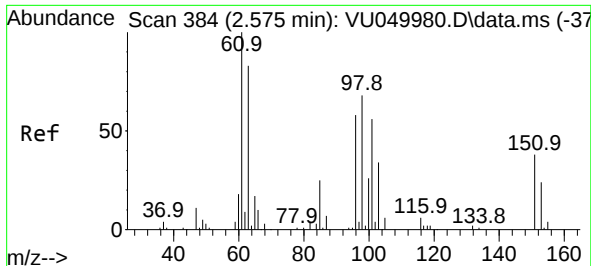
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.076 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU049981.D

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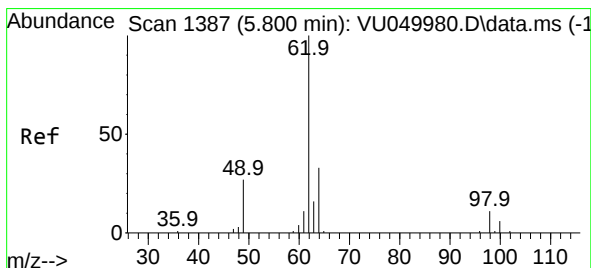
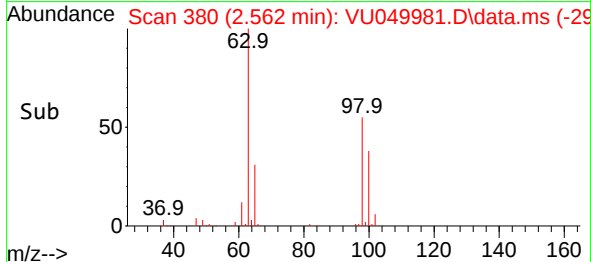
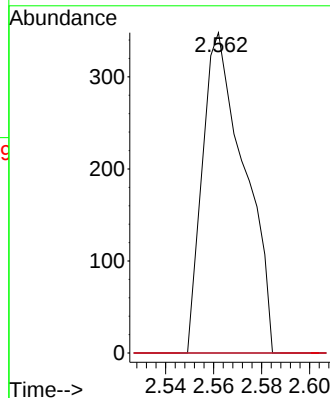
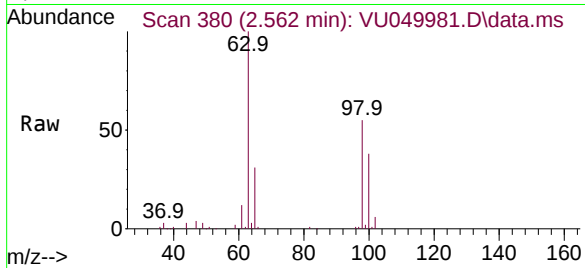
Tgt Ion:101 Resp: 421

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.074 min

Lab File: VU049981.D

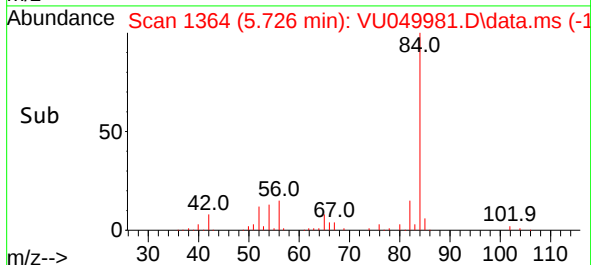
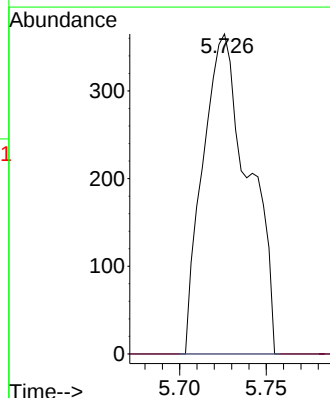
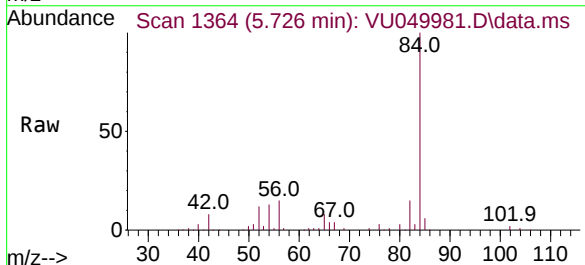
Acq: 28 Jul 2022 12:36

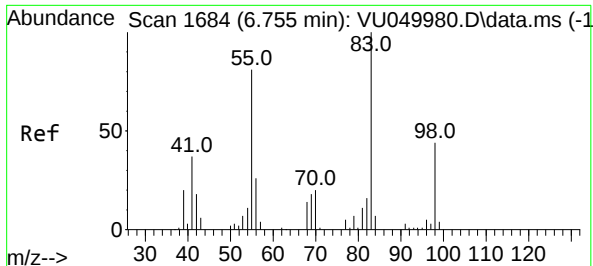
Tgt Ion: 62 Resp: 671

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 1.161 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.064 min

Lab File: VU049981.D

Acq: 28 Jul 2022 12:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK101

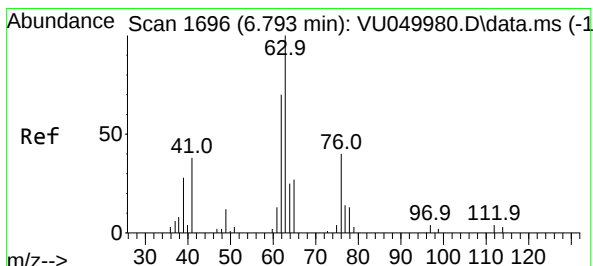
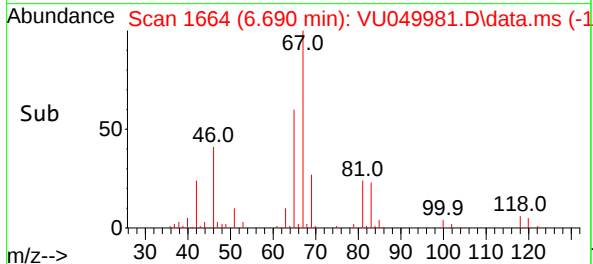
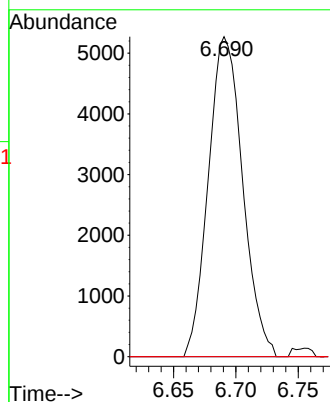
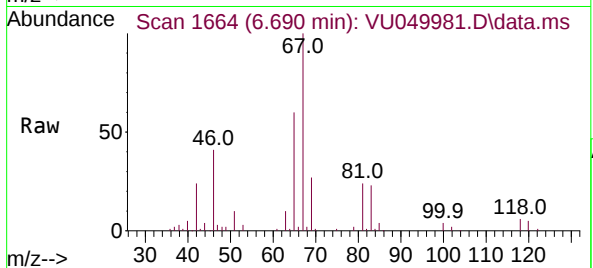
Tgt Ion: 83 Resp: 10101

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.9 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU049981.D

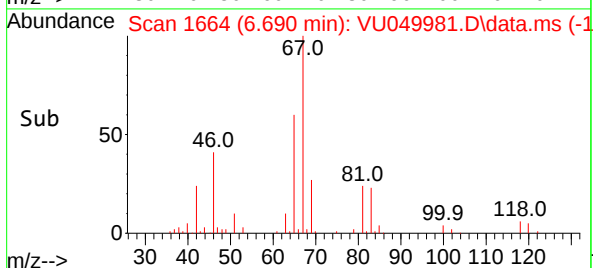
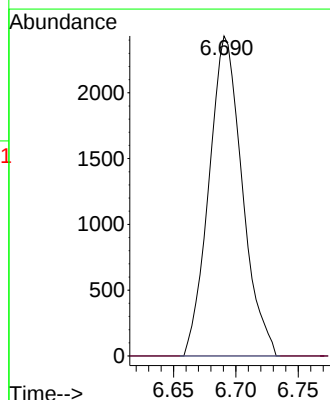
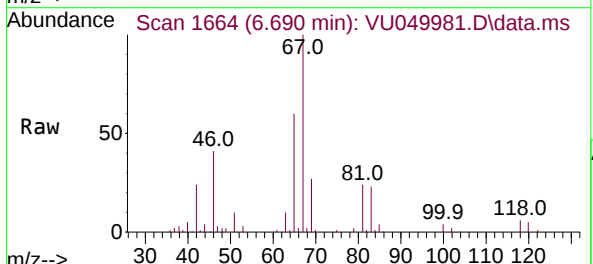
Acq: 28 Jul 2022 12:36

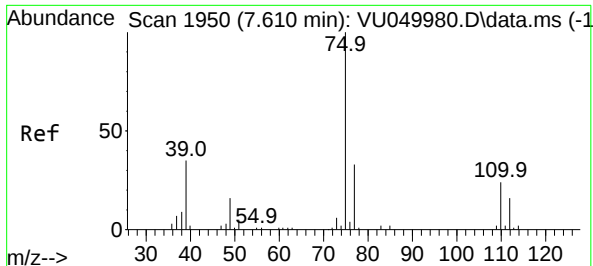
Tgt Ion: 63 Resp: 4521

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049981.D

Acq: 28 Jul 2022 12:36

Instrument :

MSVOA_U

ClientSampleId :

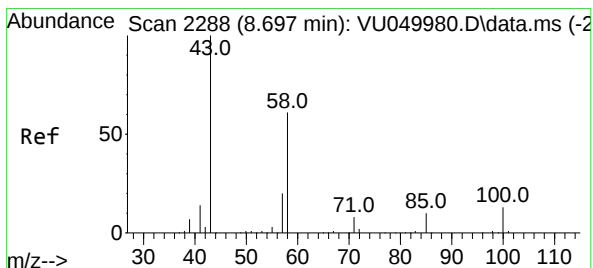
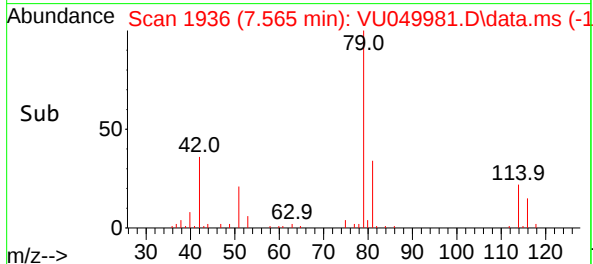
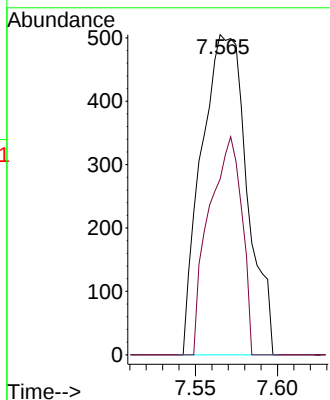
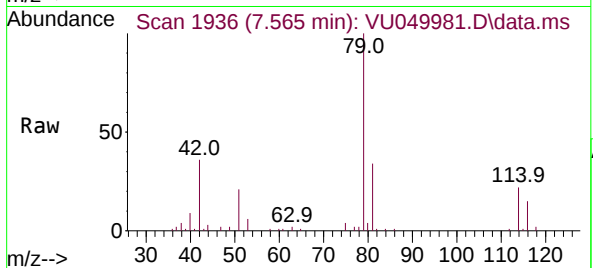
VBLK101

Tgt Ion: 75 Resp: 977

Ion Ratio Lower Upper

75 100

77 54.9 22.5 41.9#



#48

2-Hexanone

Concen: 4.271 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.009 min

Lab File: VU049981.D

Acq: 28 Jul 2022 12:36

Tgt Ion: 43 Resp: 14075

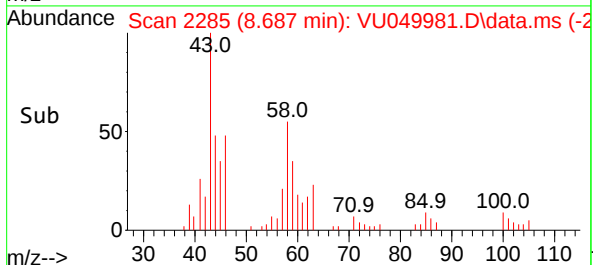
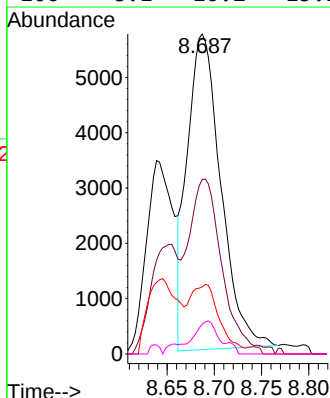
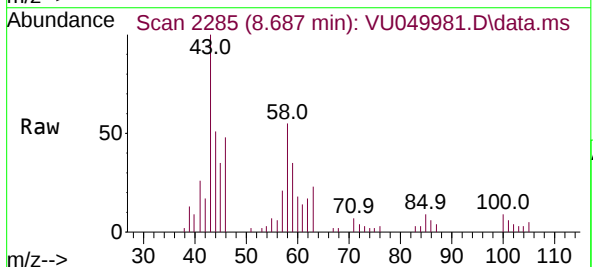
Ion Ratio Lower Upper

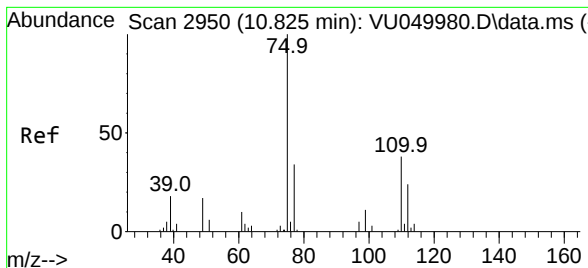
43 100

58 54.9 49.4 74.0

57 19.7 17.0 25.4

100 8.1 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.027 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.984 min

Lab File: VU049981.D

Acq: 28 Jul 2022 12:36

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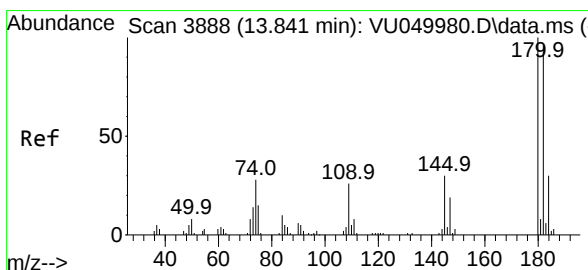
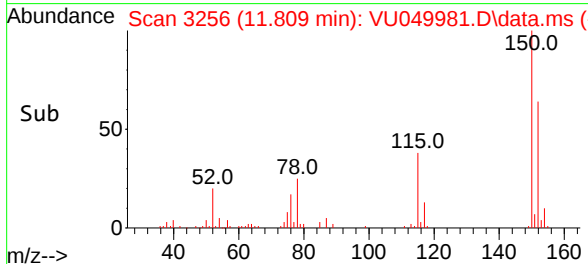
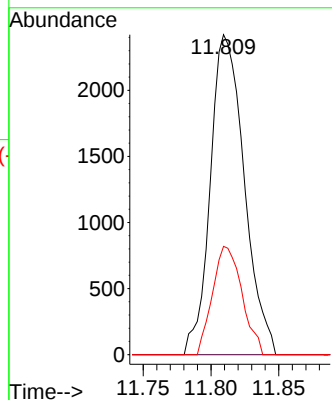
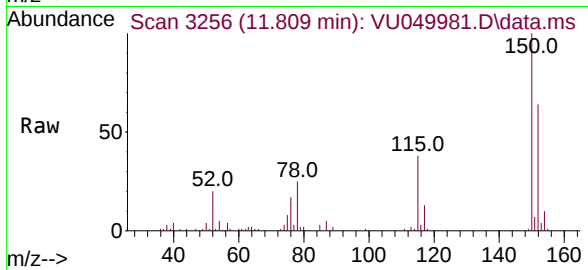
Tgt Ion: 75 Resp: 4209

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 29.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 0.179 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU049981.D

Acq: 28 Jul 2022 12:36

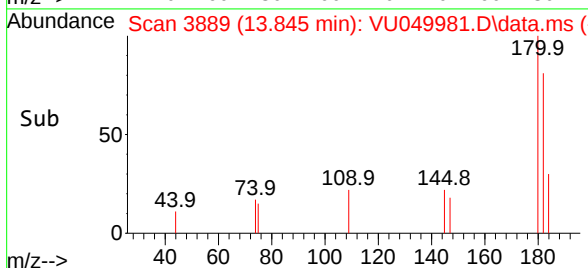
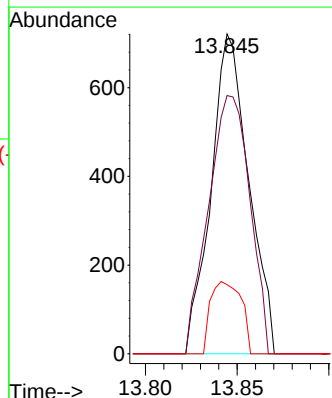
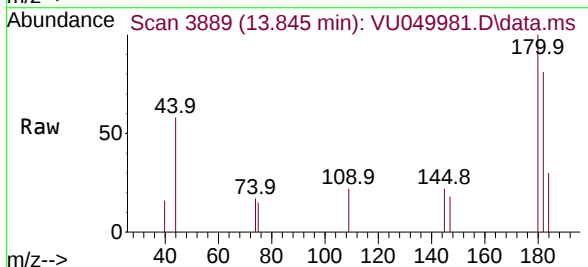
Tgt Ion:180 Resp: 1029

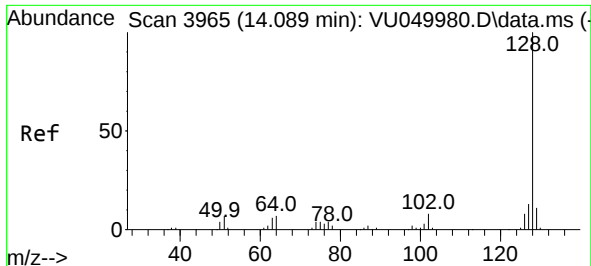
Ion Ratio Lower Upper

180 100

182 88.8 75.8 113.6

145 18.3 23.8 35.8#

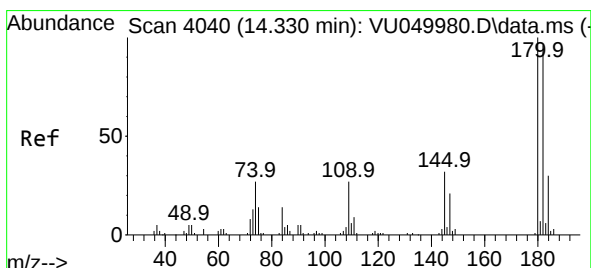
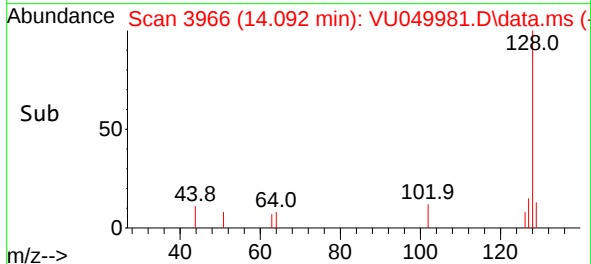
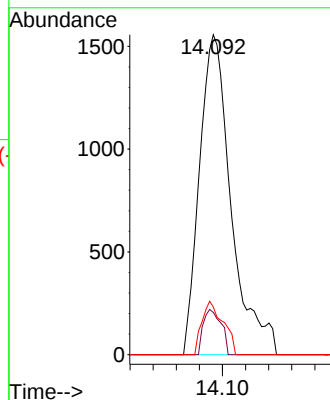
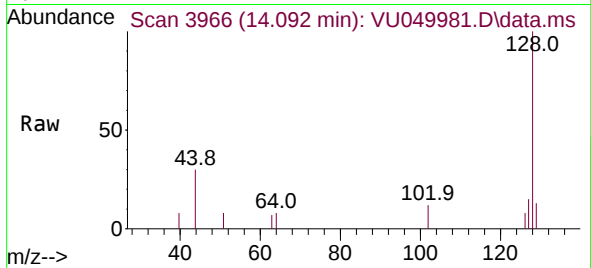




#71
Naphthalene
Concen: 0.260 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049981.D
Acq: 28 Jul 2022 12:36

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion:128 Resp: 2965
Ion Ratio Lower Upper
128 100
129 7.9 8.5 12.7#
127 11.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.194 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.007 min
Lab File: VU049981.D
Acq: 28 Jul 2022 12:36

Tgt Ion:180 Resp: 1108
Ion Ratio Lower Upper
180 100
182 92.3 77.0 115.4
145 28.3 26.3 39.5

