

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049184.D
 Acq On : 15 Jun 2022 21:13
 Operator : SY/MD
 Sample : VU0615WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK088

Quant Time: Jun 16 06:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

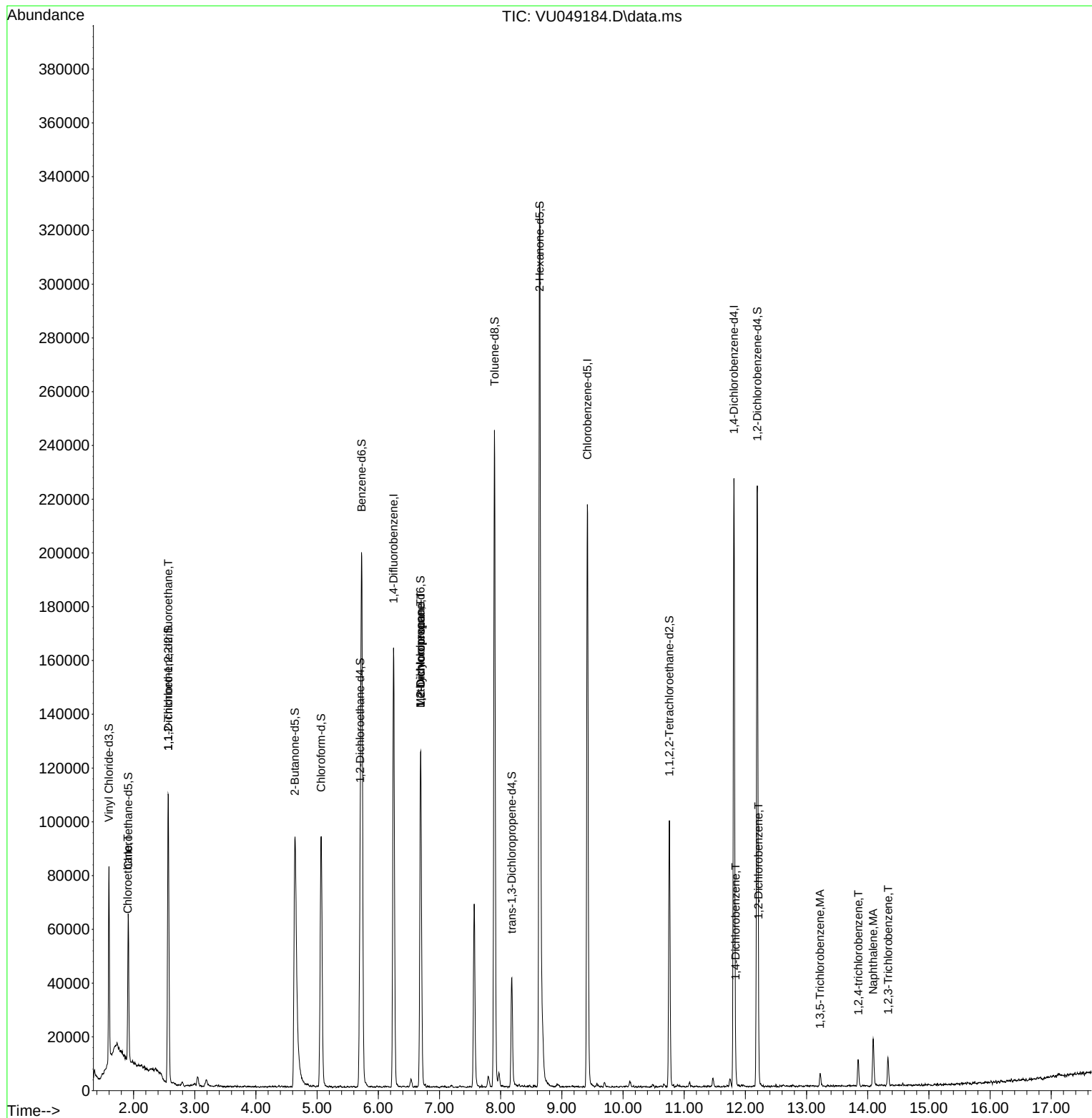
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	116571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50360	4.484	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.912	69	36713	4.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.568	65	21124	4.677	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	4.636	46	173585	57.890	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.780%	
24) Chloroform-d	5.067	84	87955	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.703	65	50824	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.729	84	177591	5.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.690	67	61595	5.168	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.899	98	156768	4.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
43) trans-1,3-Dichloroprop...	8.182	79	23839	4.502	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.636	63	118651	55.548	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48801	5.114	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	56433	5.122	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
8) Chloroethane	1.906	64	1207	0.193	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	616	0.083	ug/L #	21
35) Methylcyclohexane	6.690	83	12999	0.874	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	6563	0.689	ug/L #	89
65) 1,4-Dichlorobenzene	11.838	146	1816	0.110	ug/L	88
67) 1,2-Dichlorobenzene	12.214	146	1405	0.088	ug/L	86
69) 1,3,5-Trichlorobenzene	13.221	180	1703	0.136	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	3316	0.332	ug/L	96
71) Naphthalene	14.089	128	15280	0.771	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	3399	0.362	ug/L	97

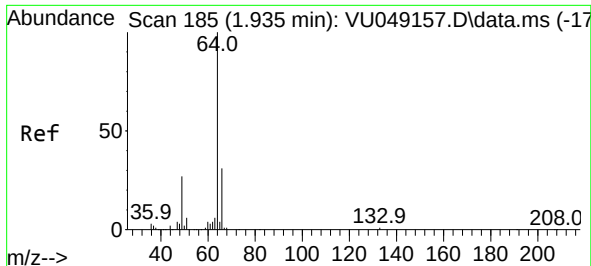
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
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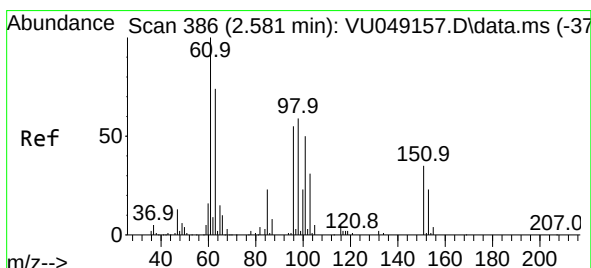
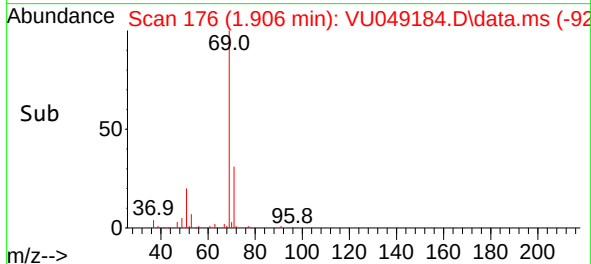
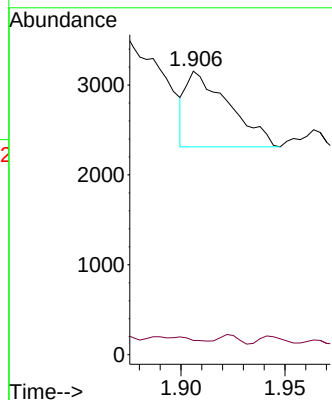
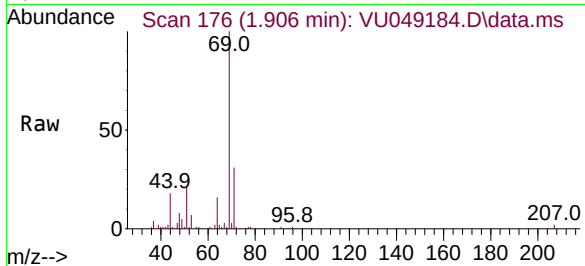




#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.906 min Scan# 11
Delta R.T. -0.029 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

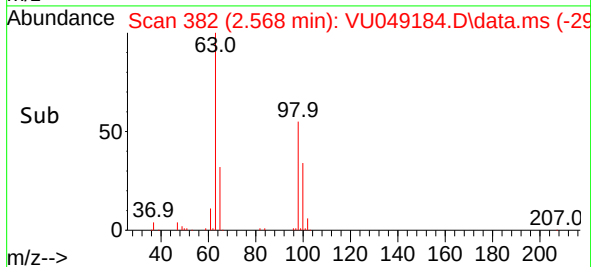
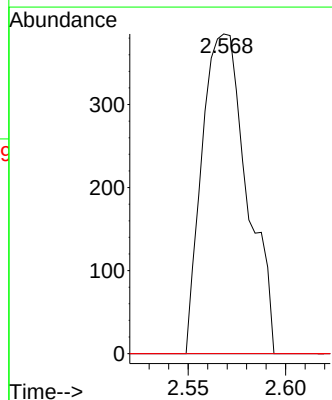
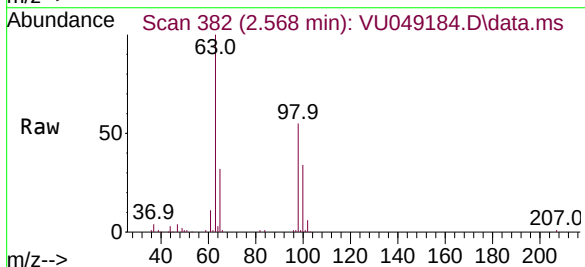
Instrument :
MSVOA_U
ClientSampleId :
VBLK088

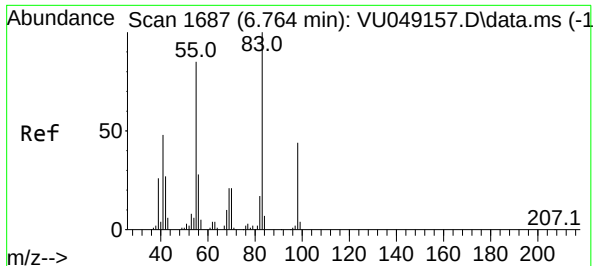
Tgt Ion: 64 Resp: 1207
Ion Ratio Lower Upper
64 100
66 4.5 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

Tgt Ion: 101 Resp: 616
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049184.D

Acq: 15 Jun 2022 21:13

Instrument :

MSVOA_U

ClientSampleId :

VBLK088

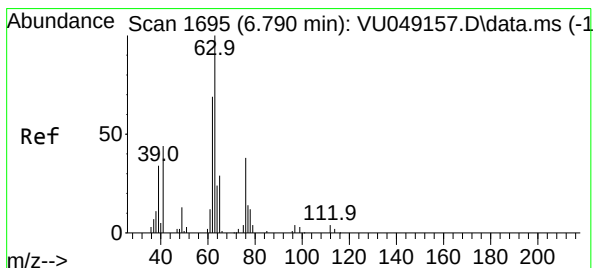
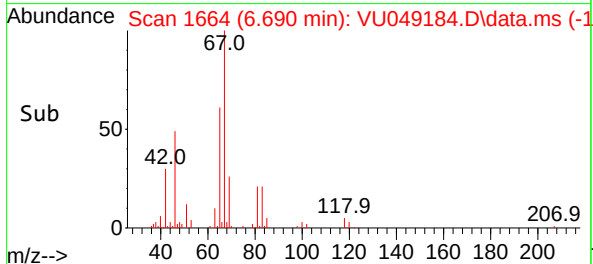
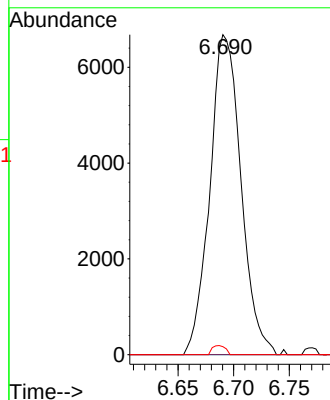
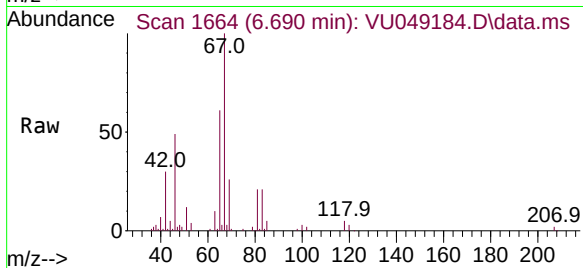
Tgt Ion: 83 Resp: 12999

Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 1.2 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049184.D

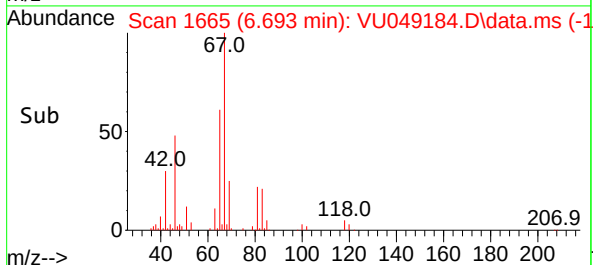
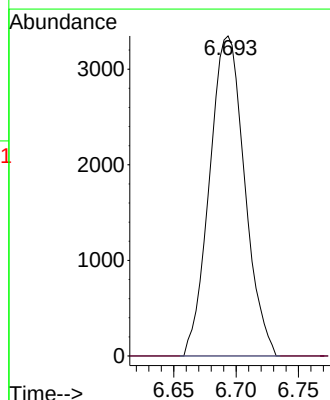
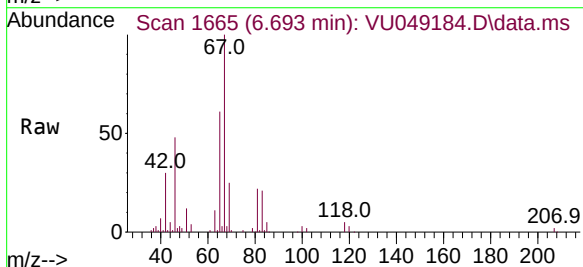
Acq: 15 Jun 2022 21:13

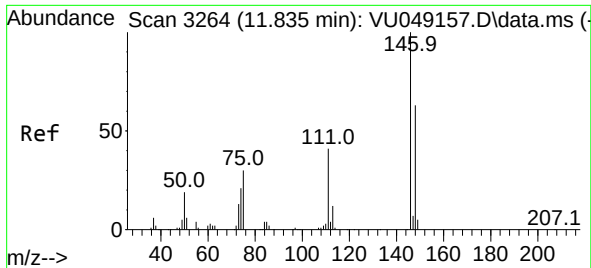
Tgt Ion: 63 Resp: 6563

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

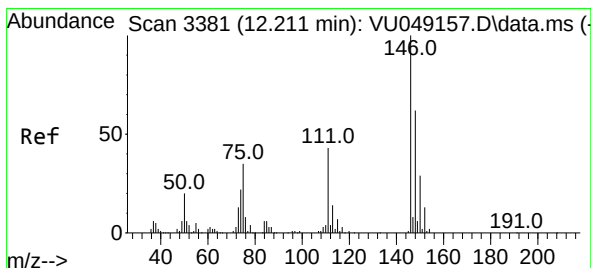
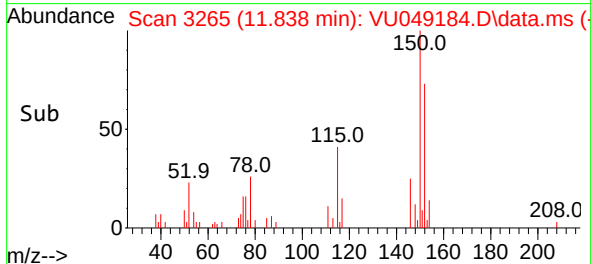
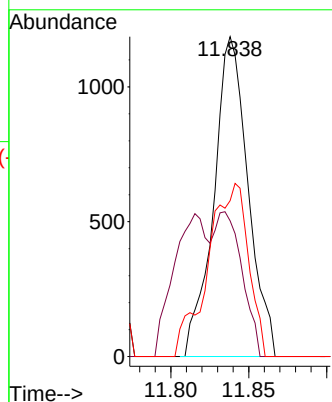
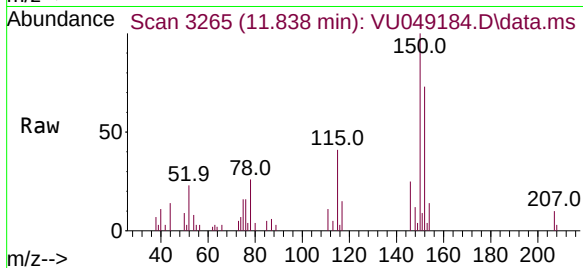




#65
1,4-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

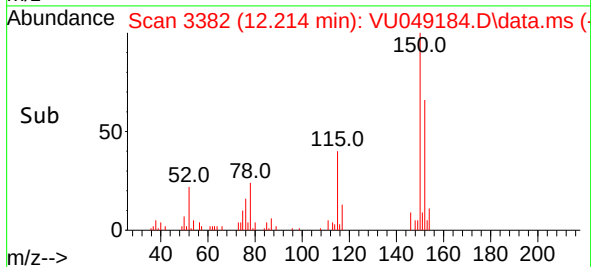
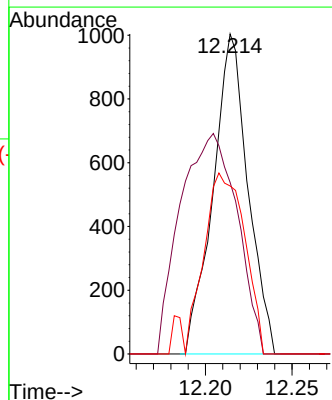
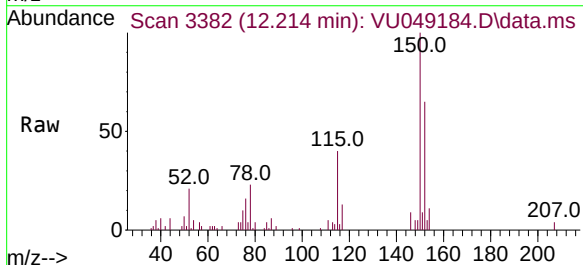
Instrument :
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VBLK088

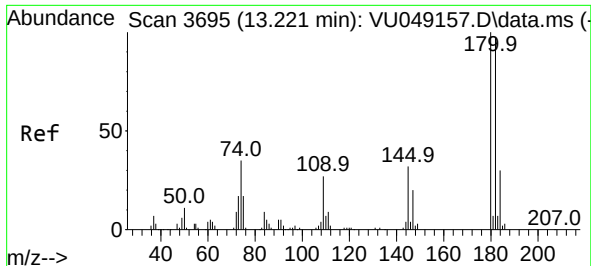
Tgt Ion:146 Resp: 1816
Ion Ratio Lower Upper
146 100
111 42.4 29.8 55.4
148 48.7 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 0.088 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

Tgt Ion:146 Resp: 1405
Ion Ratio Lower Upper
146 100
111 53.6 36.6 55.0
148 52.5 52.2 78.4





#69

1,3,5-Trichlorobenzene

Concen: 0.136 ug/L

RT: 13.221 min Scan# 30

Delta R.T. 0.000 min

Lab File: VU049184.D

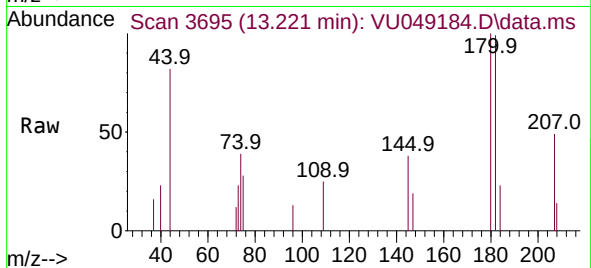
Acq: 15 Jun 2022 21:13

Instrument :

MSVOA_U

ClientSampleId :

VBLK088



Tgt Ion:180 Resp: 1703

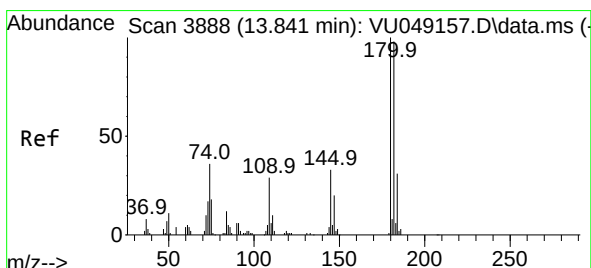
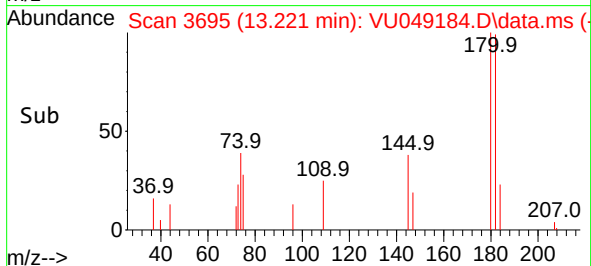
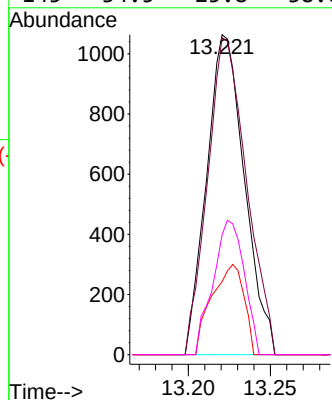
Ion Ratio Lower Upper

180 100

182 102.0 75.0 112.4

184 24.0 23.2 34.8

145 34.5 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 0.332 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU049184.D

Acq: 15 Jun 2022 21:13

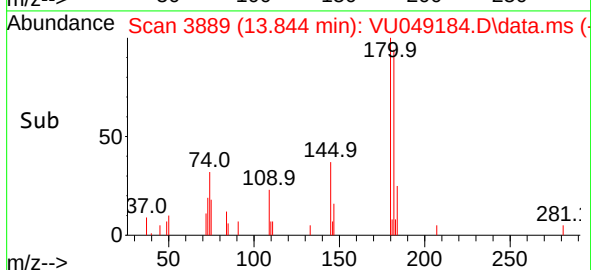
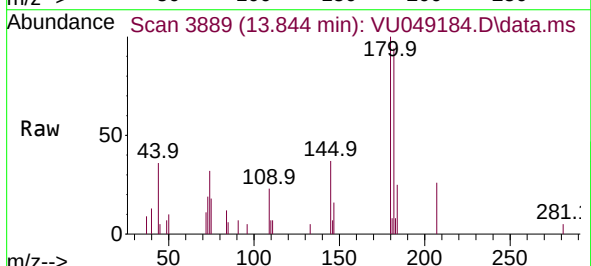
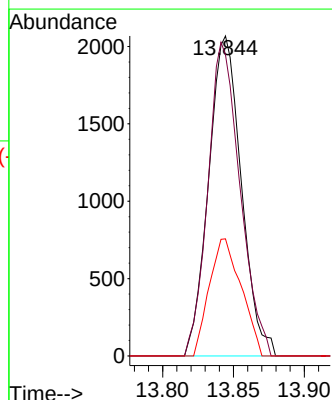
Tgt Ion:180 Resp: 3316

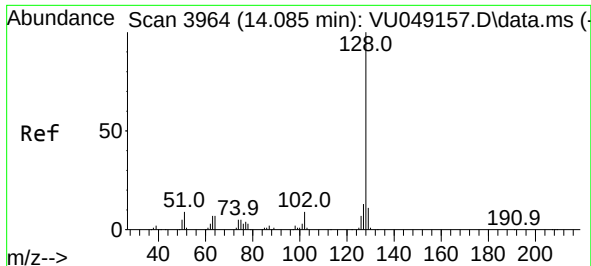
Ion Ratio Lower Upper

180 100

182 96.4 74.6 112.0

145 35.8 26.1 39.1

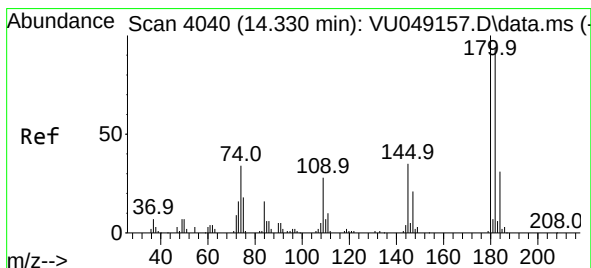
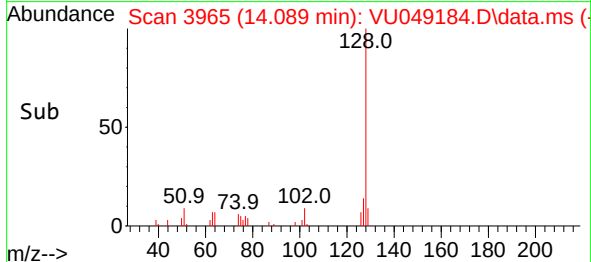
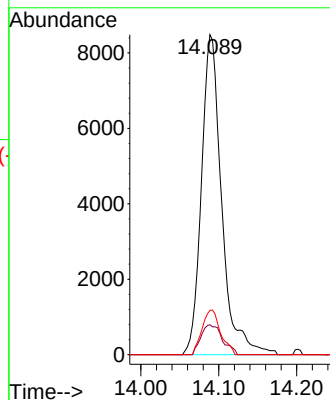
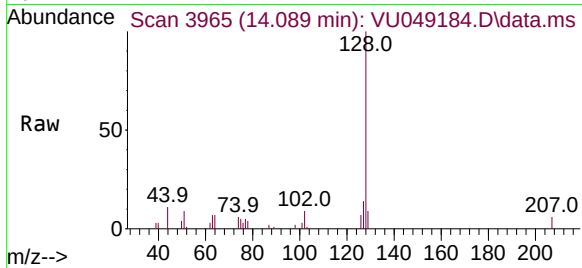




#71
Naphthalene
Concen: 0.771 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

Instrument :
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ClientSampleId :
VBLK088

Tgt Ion:128 Resp: 15280
Ion Ratio Lower Upper
128 100
129 9.9 9.0 13.6
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.362 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049184.D
Acq: 15 Jun 2022 21:13

Tgt Ion:180 Resp: 3399
Ion Ratio Lower Upper
180 100
182 98.3 75.6 113.4
145 34.2 27.9 41.9

