

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049158.D
 Acq On : 15 Jun 2022 10:20
 Operator : SY/MD
 Sample : VU0615WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK087

Quant Time: Jun 16 04:46:33 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)

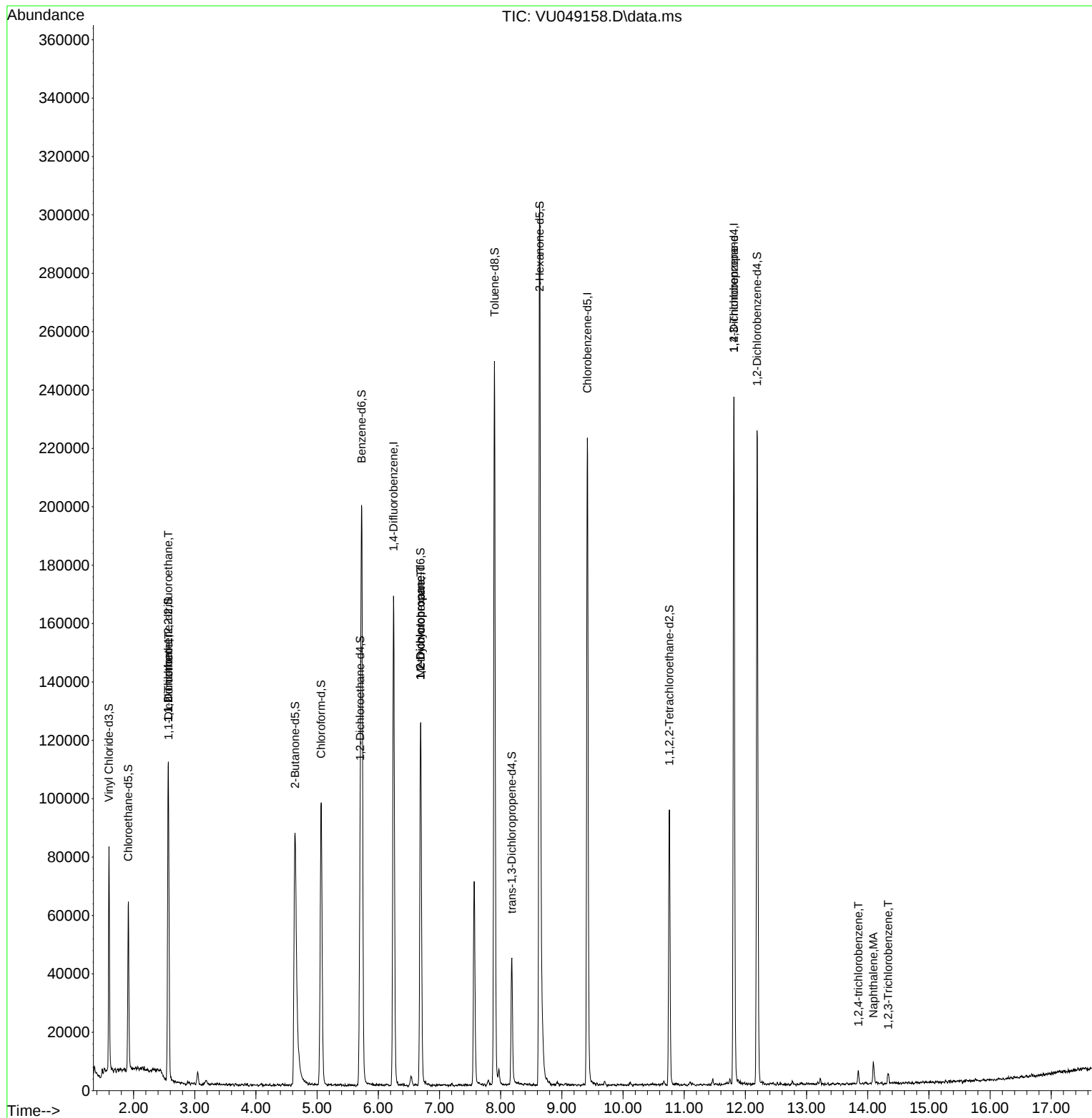
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133105	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53311	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.912	69	39108	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.565	65	21392	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.639	46	161008	51.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.066	84	87869	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.703	65	49772	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.729	84	180943	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.690	67	61036	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.899	98	160970	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.182	79	24932	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.635	63	108488	48.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48202	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	55745	4.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	537	0.070	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	928	0.124	ug/L #	1
35) Methylcyclohexane	6.693	83	13448	0.870	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6250	0.631	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	8446	1.263	ug/L #	66
70) 1,2,4-trichlorobenzene	13.847	180	1545	0.149	ug/L #	82
71) Naphthalene	14.092	128	6299	0.306	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	1411	0.145	ug/L	93

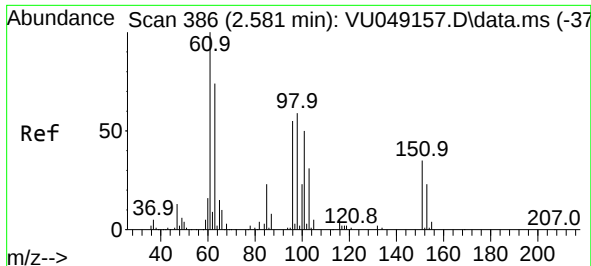
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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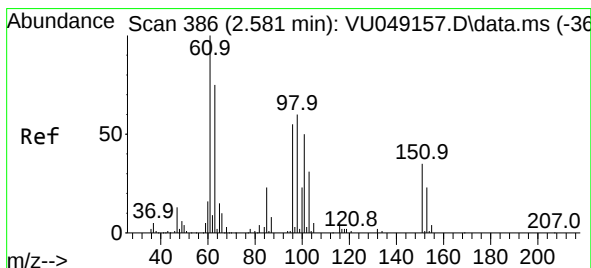
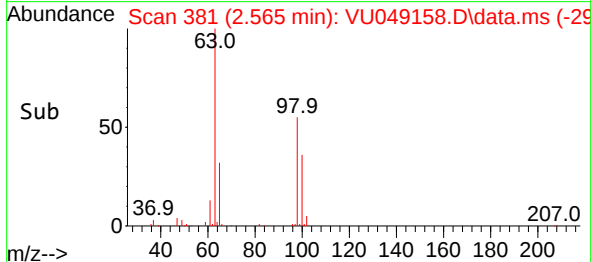
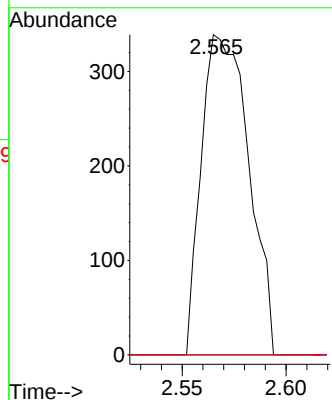
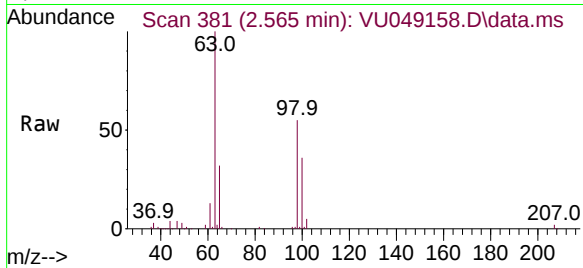




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049158.D
Acq: 15 Jun 2022 10:20

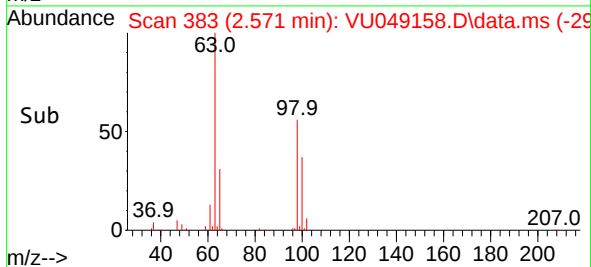
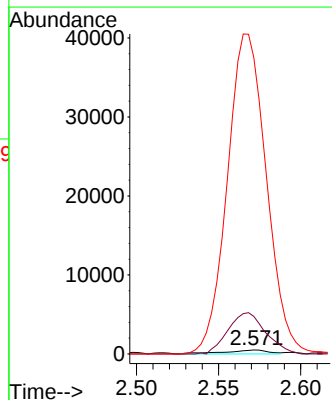
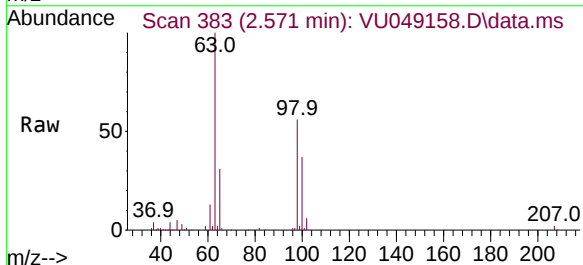
Instrument :
MSVOA_U
ClientSampleId :
VBLK087

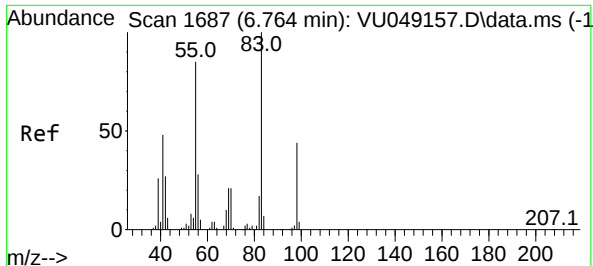
Tgt Ion:101 Resp: 537
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 0.124 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049158.D
Acq: 15 Jun 2022 10:20

Tgt Ion: 96 Resp: 928
Ion Ratio Lower Upper
96 100
61 954.7 127.2 236.2#
63 7522.2 94.7 175.9#





#35

Methylcyclohexane

Concen: 0.870 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049158.D

Acq: 15 Jun 2022 10:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK087

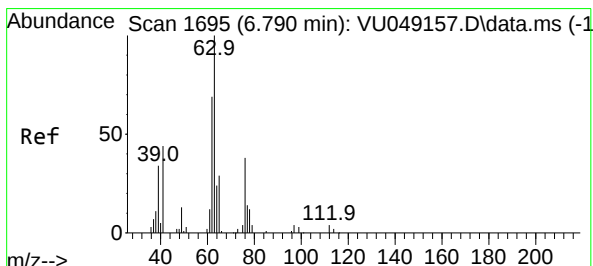
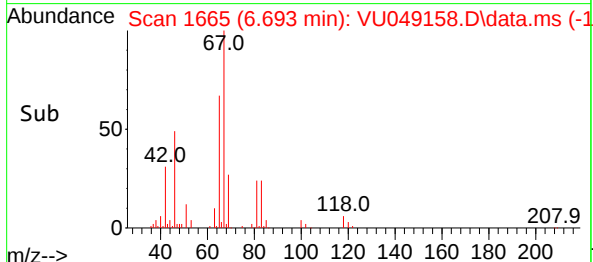
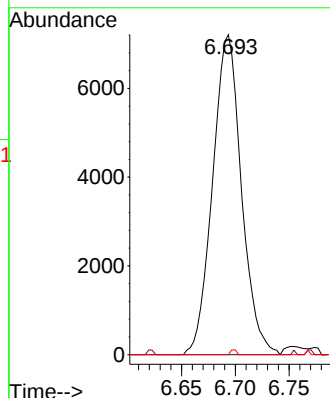
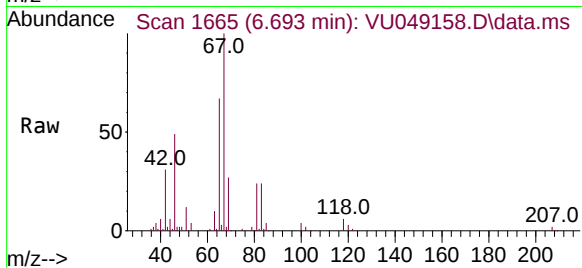
Tgt Ion: 83 Resp: 13448

Ion Ratio Lower Upper

83 100

55 0.1 66.9 100.3#

98 0.3 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049158.D

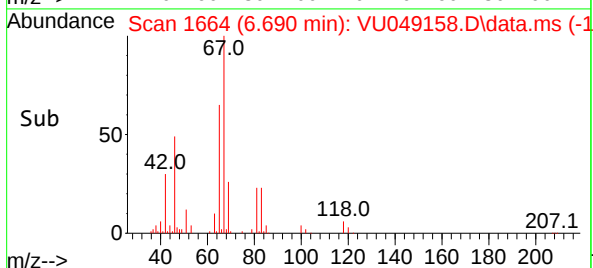
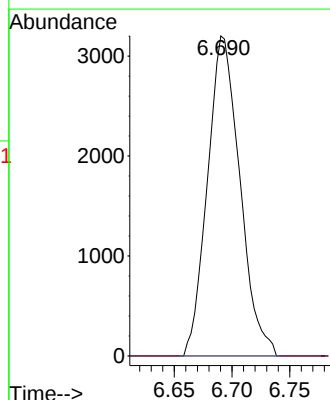
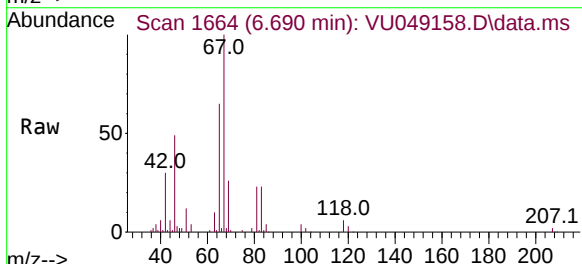
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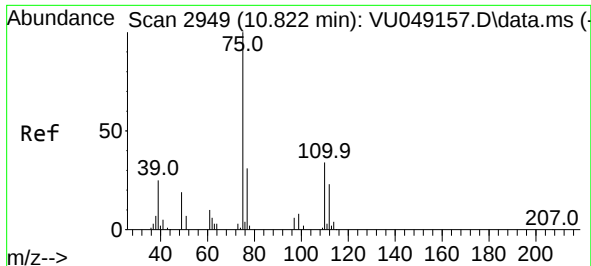
Tgt Ion: 63 Resp: 6250

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

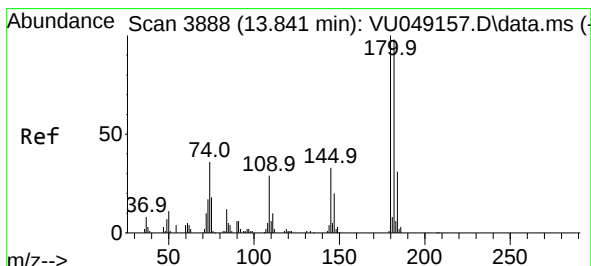
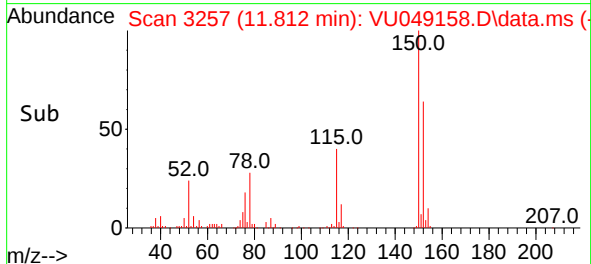
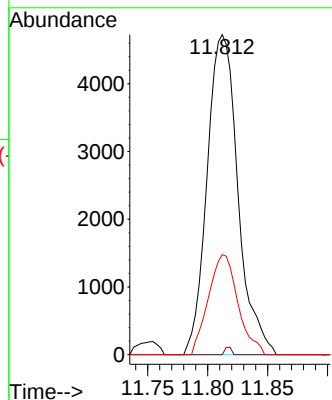
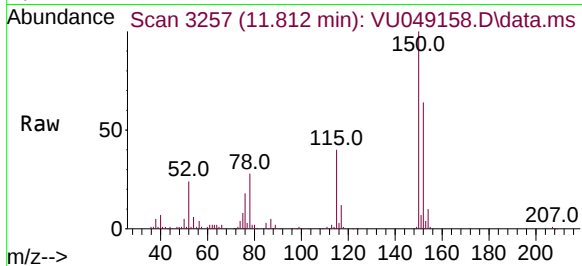




#61
 1,2,3-Trichloropropane
 Concen: 1.263 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049158.D
 Acq: 15 Jun 2022 10:20

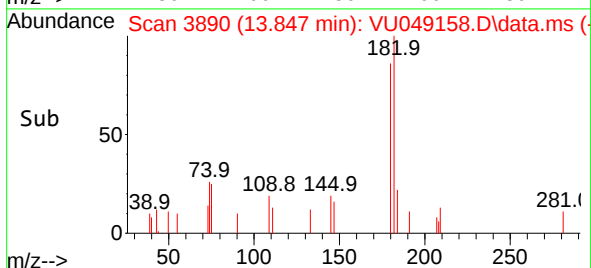
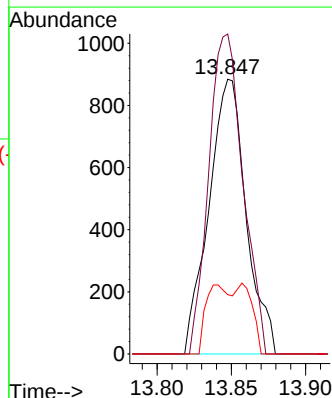
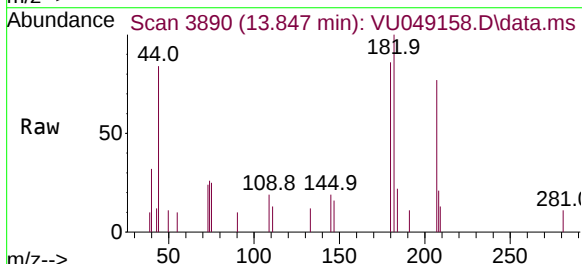
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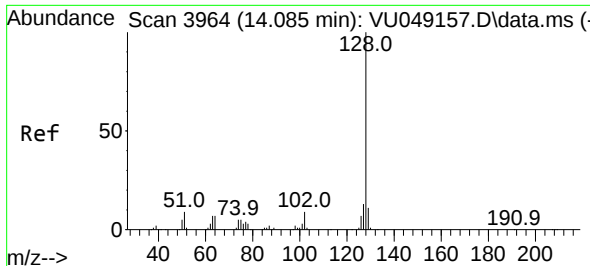
Tgt Ion: 75 Resp: 8446
 Ion Ratio Lower Upper
 75 100
 110 0.5 29.0 43.4#
 77 29.9 26.2 39.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.149 ug/L
 RT: 13.847 min Scan# 3890
 Delta R.T. 0.006 min
 Lab File: VU049158.D
 Acq: 15 Jun 2022 10:20

Tgt Ion:180 Resp: 1545
 Ion Ratio Lower Upper
 180 100
 182 106.7 74.6 112.0
 145 17.0 26.1 39.1#

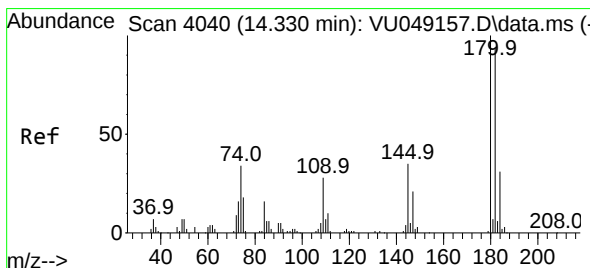
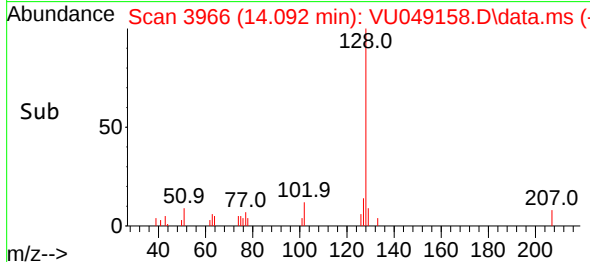
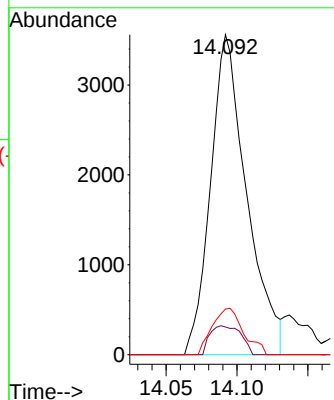
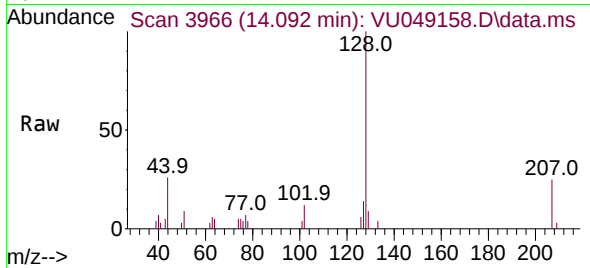




#71
Naphthalene
Concen: 0.306 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049158.D
Acq: 15 Jun 2022 10:20

Instrument :
MSVOA_U
ClientSampleId :
VBLK087

Tgt Ion:128 Resp: 6299
Ion Ratio Lower Upper
128 100
129 7.7 9.0 13.6#
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.145 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049158.D
Acq: 15 Jun 2022 10:20

Tgt Ion:180 Resp: 1411
Ion Ratio Lower Upper
180 100
182 101.2 75.6 113.4
145 39.5 27.9 41.9

