

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047430.D
 Acq On : 10 Mar 2022 02:38
 Operator : SY/MD
 Sample : VU0309WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK075

Quant Time: Mar 10 03:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

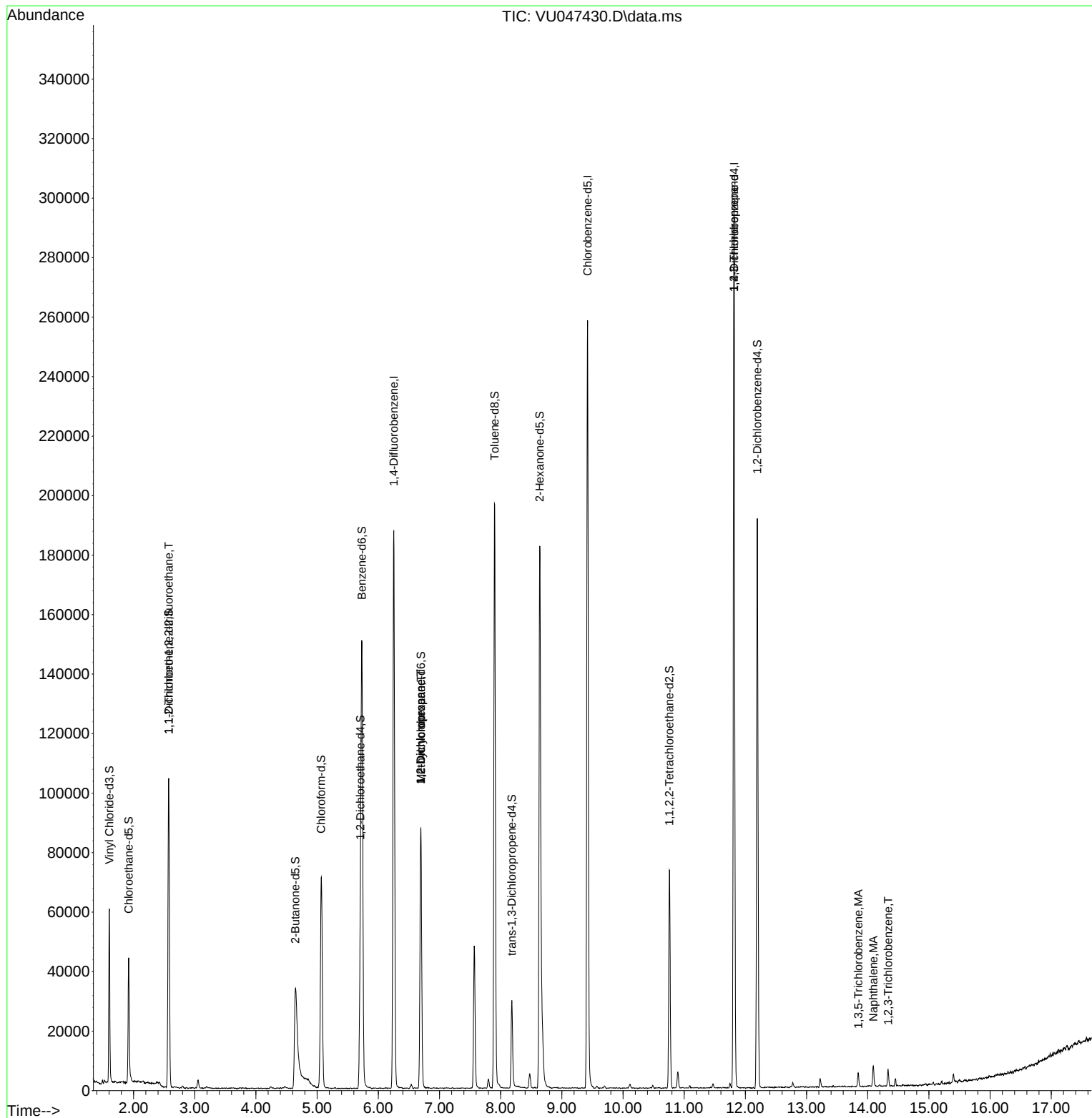
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	82542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43190	4.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.919	69	32155	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.575	65	19607	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.645	46	78118	49.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.067	84	67297	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.706	65	35312	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.732	84	145525	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.697	67	43915	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.902	98	138273	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.182	79	17548	4.840	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.639	63	81225	50.858	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36083	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	54149	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	630	0.065	ug/L #	17
35) Methylcyclohexane	6.697	83	9855	0.564	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4477	0.434	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8930	1.168	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.844	180	1942	0.097	ug/L	95
71) Naphthalene	14.092	128	6343	0.198	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	2087	0.127	ug/L	93

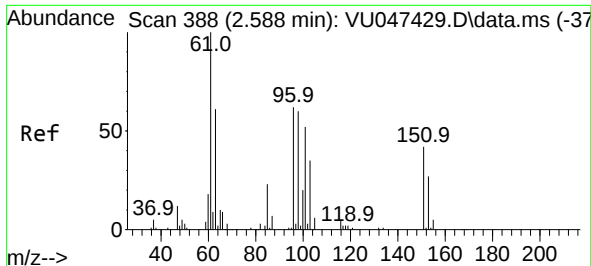
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.065 ug/L

RT: 2.575 min Scan# 388

Delta R.T. -0.013 min

Lab File: VU047430.D

Acq: 10 Mar 2022 02:38

Instrument :

MSVOA_U

ClientSampleId :

VBLK075

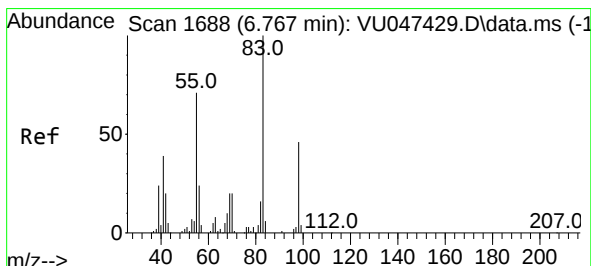
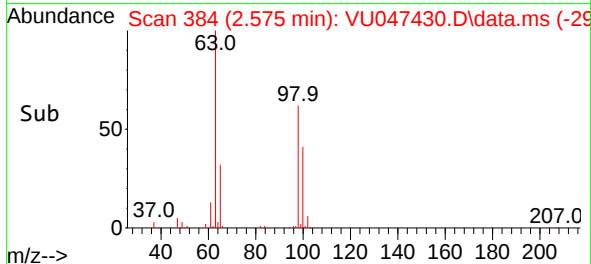
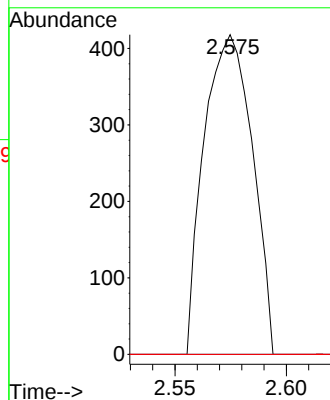
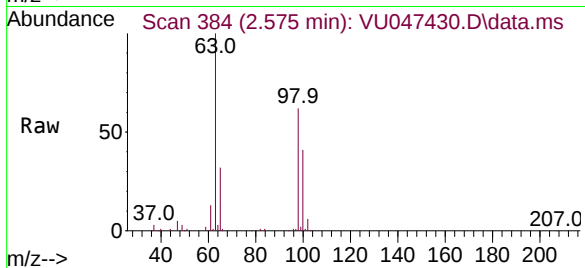
Tgt Ion:101 Resp: 630

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#35

Methylcyclohexane

Concen: 0.564 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU047430.D

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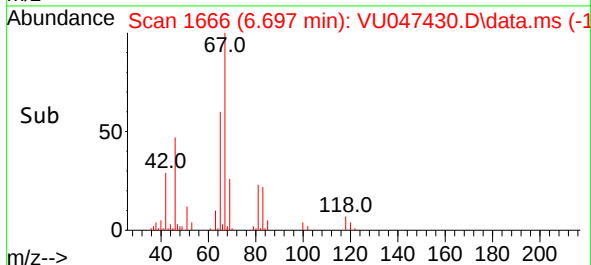
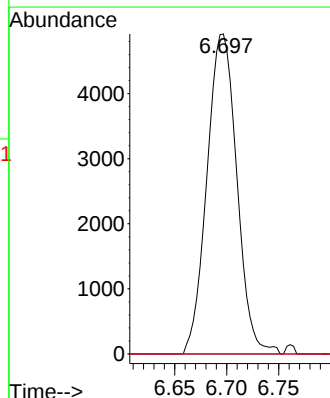
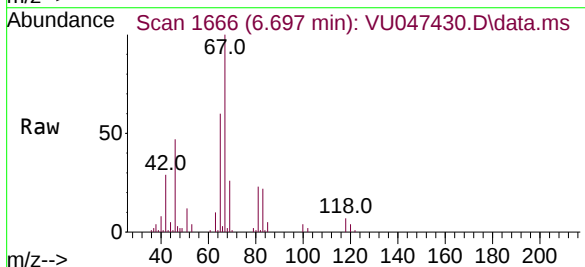
Tgt Ion: 83 Resp: 9855

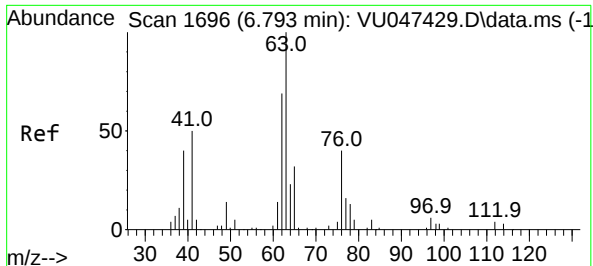
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.4 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.434 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047430.D

Acq: 10 Mar 2022 02:38

Instrument :

MSVOA_U

ClientSampleId :

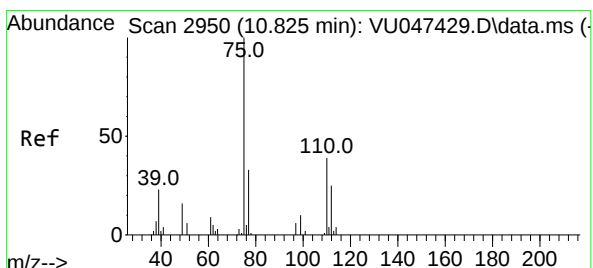
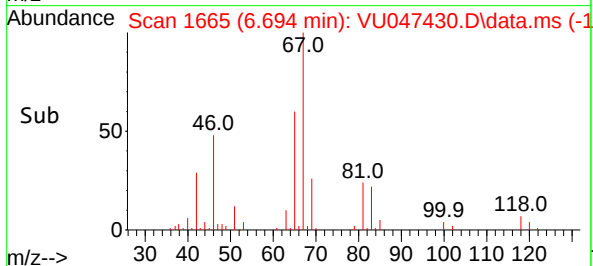
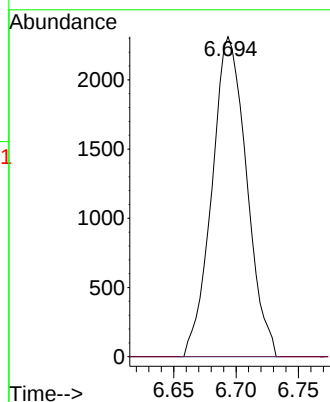
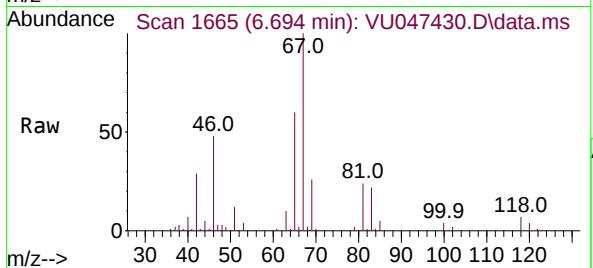
VBLK075

Tgt Ion: 63 Resp: 4477

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.168 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047430.D

Acq: 10 Mar 2022 02:38

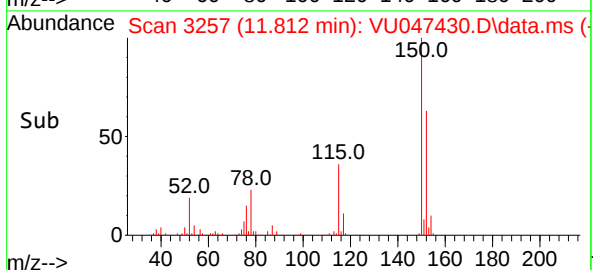
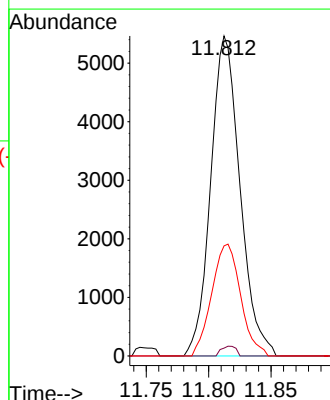
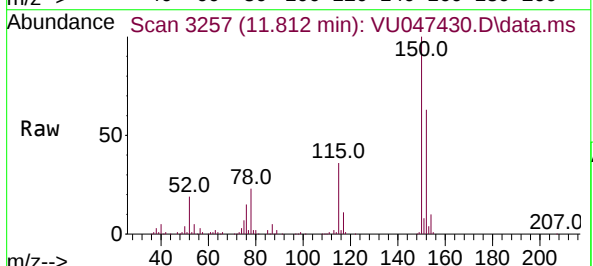
Tgt Ion: 75 Resp: 8930

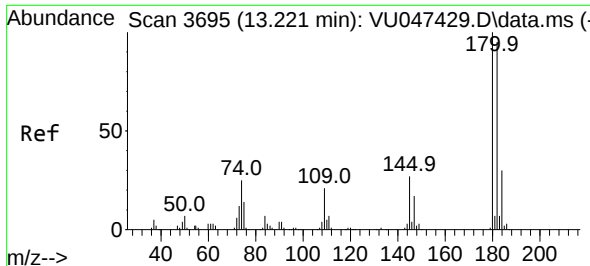
Ion Ratio Lower Upper

75 100

110 1.5 31.0 46.4#

77 34.5 26.2 39.4

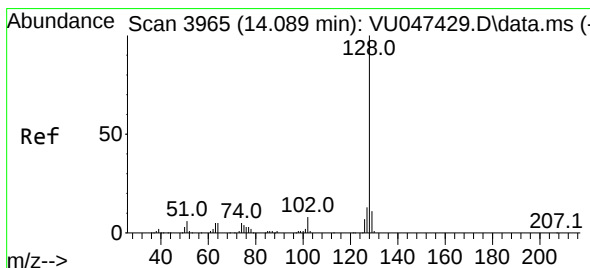
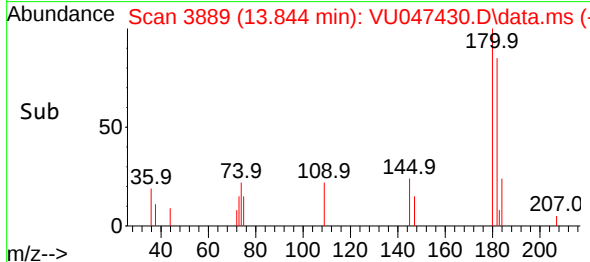
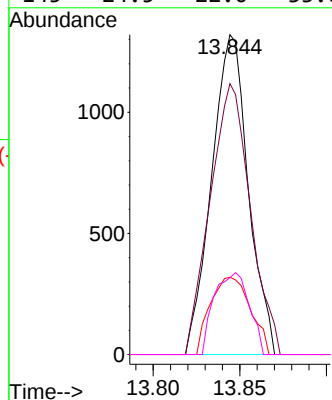
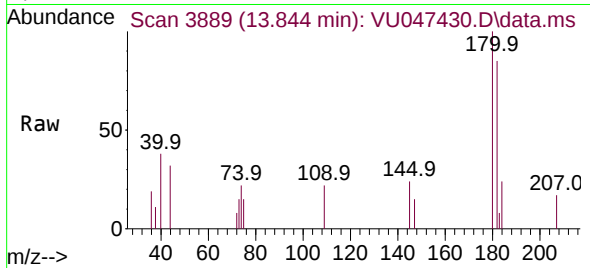




#69
1,3,5-Trichlorobenzene
Concen: 0.097 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU047430.D
Acq: 10 Mar 2022 02:38

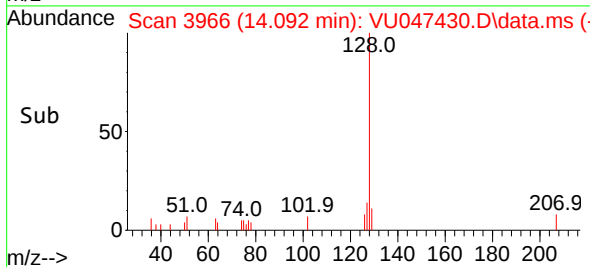
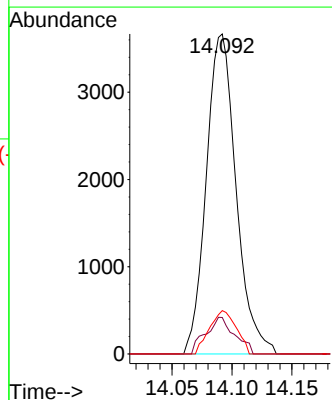
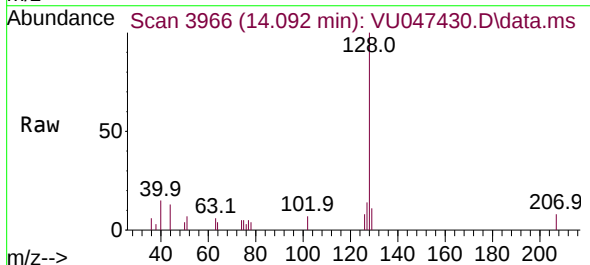
Instrument :
MSVOA_U
ClientSampleId :
VBLK075

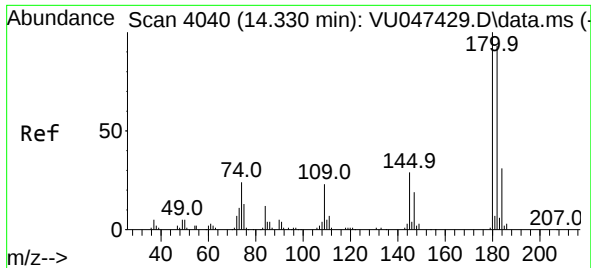
Tgt Ion:	180	Resp:	1942
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.1	115.7
184	26.5	25.0	37.4
145	24.5	22.0	33.0



#71
Naphthalene
Concen: 0.198 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU047430.D
Acq: 10 Mar 2022 02:38

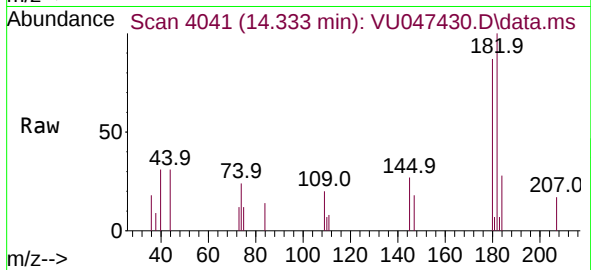
Tgt Ion:	128	Resp:	6343
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	12.2	10.2	15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.127 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU047430.D
 Acq: 10 Mar 2022 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK075



Tgt Ion:	180	Resp:	2087
Ion	Ratio	Lower	Upper
180	100		
182	105.4	77.0	115.6
145	28.8	23.4	35.2

