

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049378.D
 Acq On : 24 Jun 2022 10:53
 Operator : SY/MD
 Sample : VU0624WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094

Quant Time: Jun 25 00:15:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

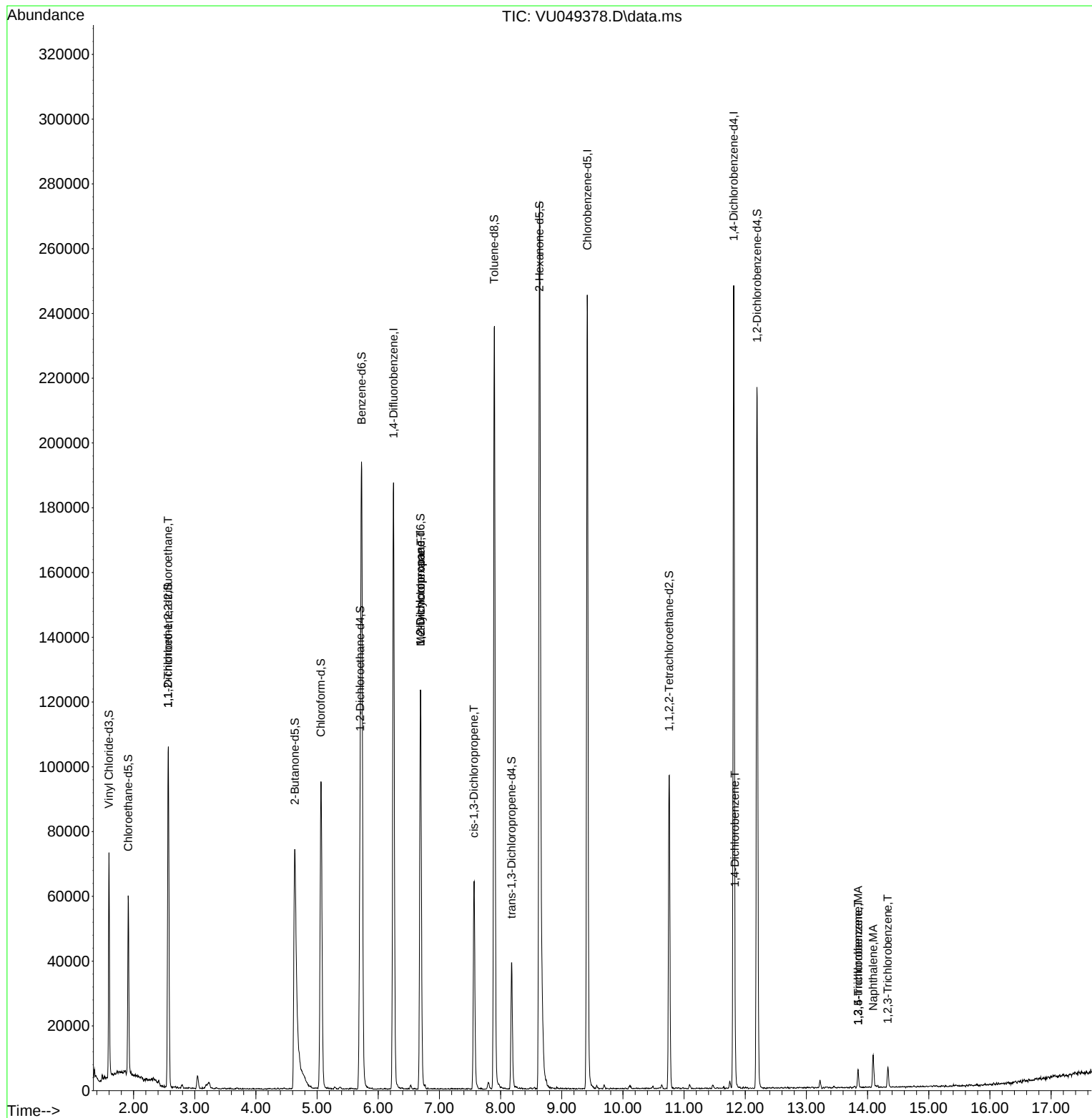
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	148568	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62512	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48797	3.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.912	69	36779	4.185	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.600%	
11) 1,1-Dichloroethene-d2	2.565	65	20178	3.864	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	4.636	46	146763	42.341	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.680%	
24) Chloroform-d	5.063	84	88451	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.703	65	51045	4.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.729	84	178410	4.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.690	67	59344	4.203	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.896	98	157178	4.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.179	79	22445	3.578	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.636	63	104933	41.470	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.940%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	49732	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	55660	4.640	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	550	0.064	ug/L #	21
35) Methylcyclohexane	6.694	83	13456	0.764	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	6659	0.590	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1775	0.103	ug/L #	43
65) 1,4-Dichlorobenzene	11.832	146	1342	0.075	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.844	180	2063	0.151	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	2063	0.190	ug/L	92
71) Naphthalene	14.092	128	9274	0.430	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	2296	0.225	ug/L	97

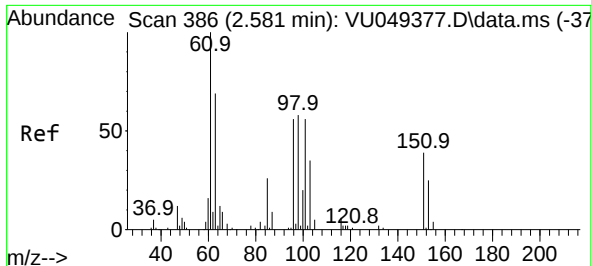
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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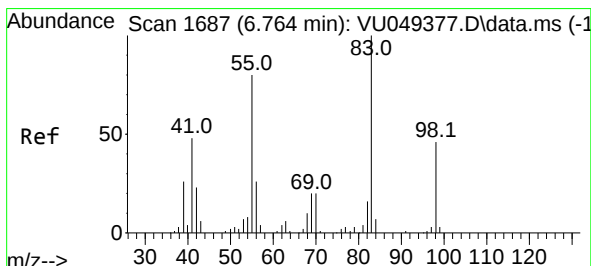
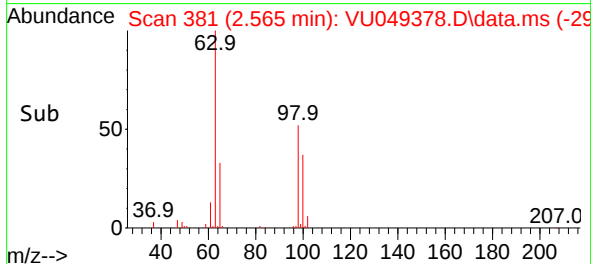
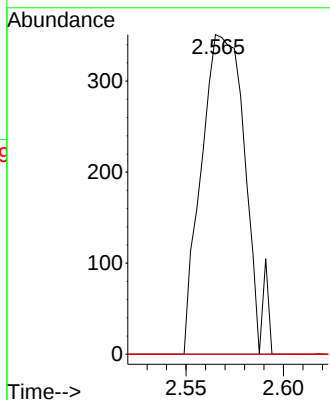
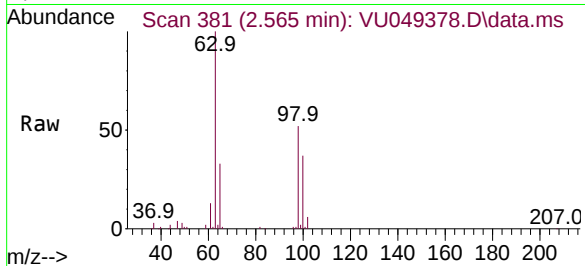




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU049378.D
 Acq: 24 Jun 2022 10:53

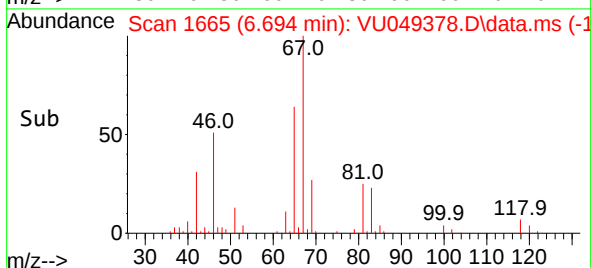
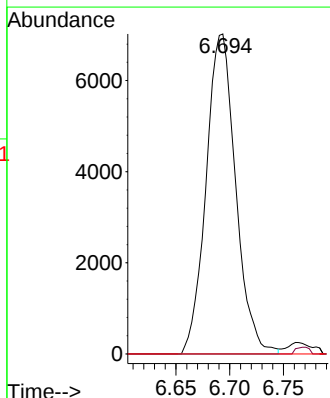
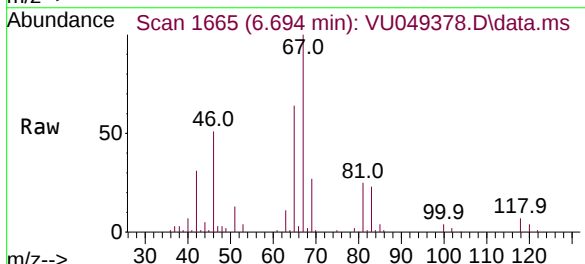
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094

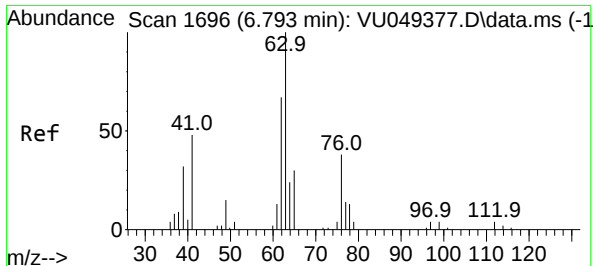
Tgt Ion:101 Resp: 550
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#35
 Methylcyclohexane
 Concen: 0.764 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.071 min
 Lab File: VU049378.D
 Acq: 24 Jun 2022 10:53

Tgt Ion: 83 Resp: 13456
 Ion Ratio Lower Upper
 83 100
 55 0.9 66.9 100.3#
 98 0.7 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049378.D

Acq: 24 Jun 2022 10:53

Instrument :

MSVOA_U

ClientSampleId :

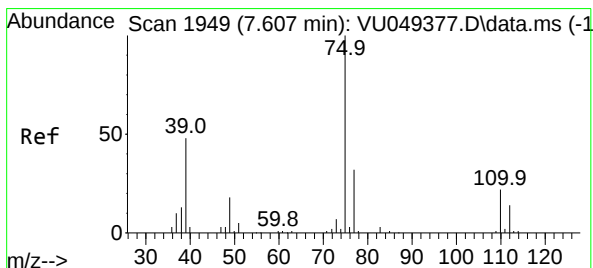
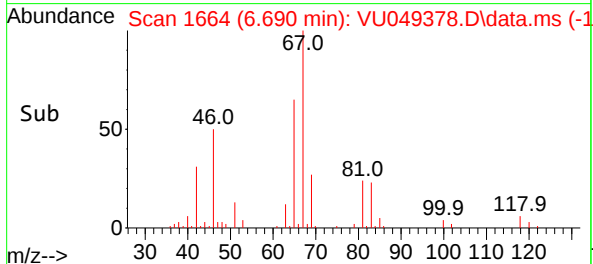
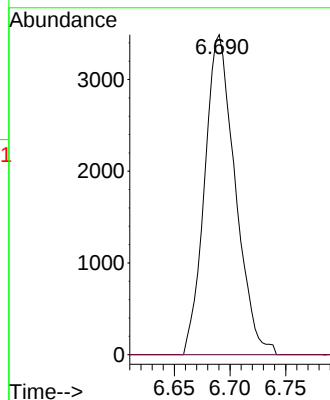
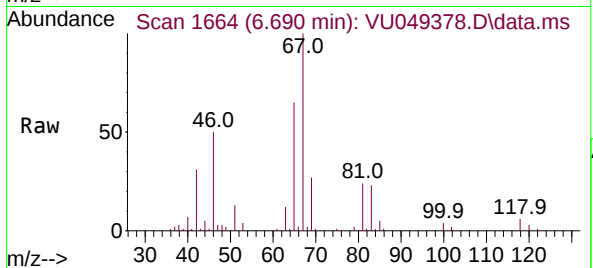
VBLK094

Tgt Ion: 63 Resp: 6659

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049378.D

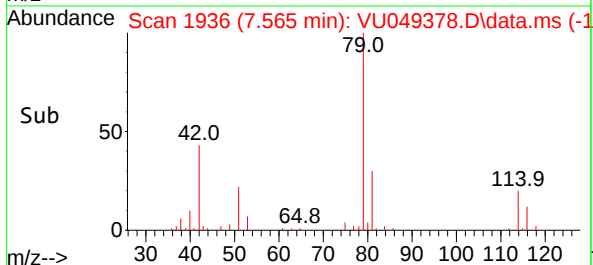
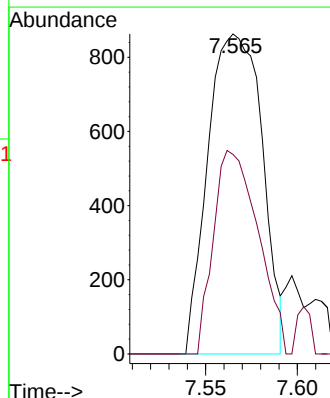
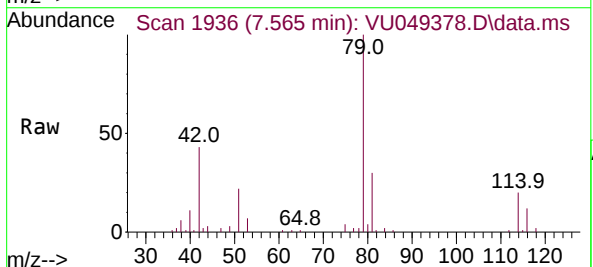
Acq: 24 Jun 2022 10:53

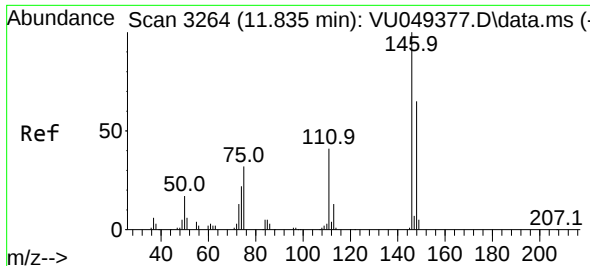
Tgt Ion: 75 Resp: 1775

Ion Ratio Lower Upper

75 100

77 62.3 21.8 40.4#

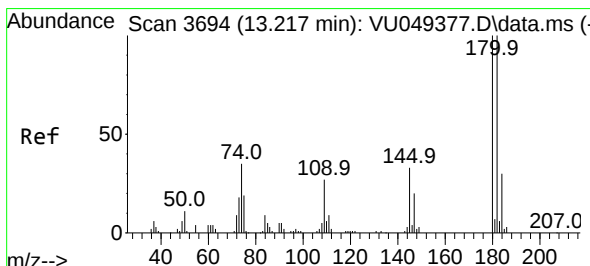
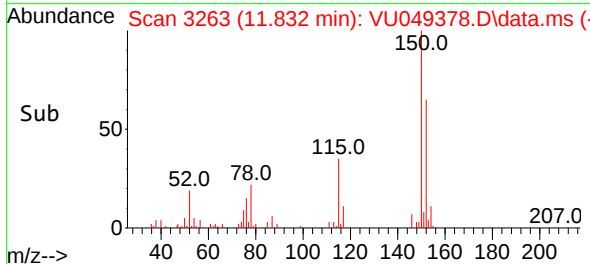
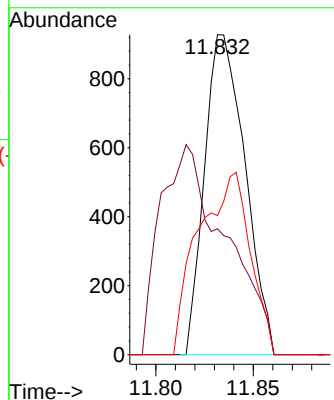
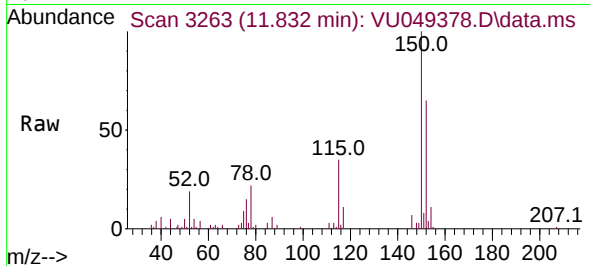




#65
 1,4-Dichlorobenzene
 Concen: 0.075 ug/L
 RT: 11.832 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049378.D
 Acq: 24 Jun 2022 10:53

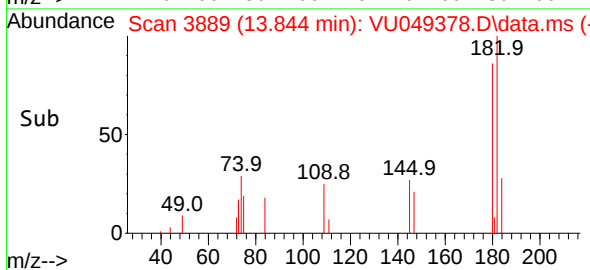
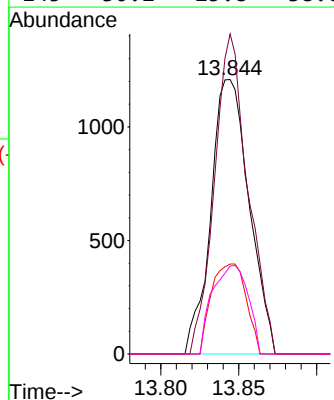
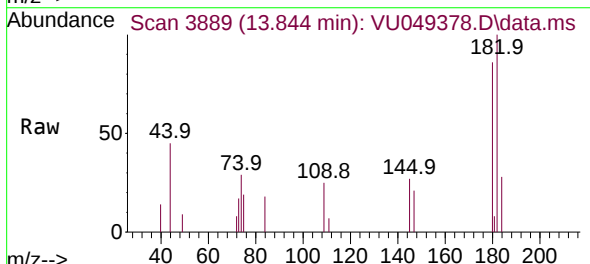
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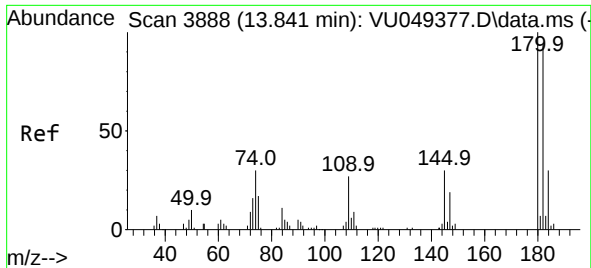
Tgt Ion:146	Resp:	1342
Ion Ratio	Lower	Upper
146	100	
111	39.3	29.8 55.4
148	43.4	44.7 83.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.151 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.627 min
 Lab File: VU049378.D
 Acq: 24 Jun 2022 10:53

Tgt Ion:180	Resp:	2063
Ion Ratio	Lower	Upper
180	100	
182	101.7	75.0 112.4
184	29.6	23.2 34.8
145	30.2	25.8 38.6

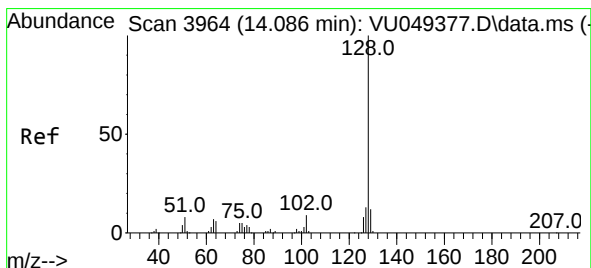
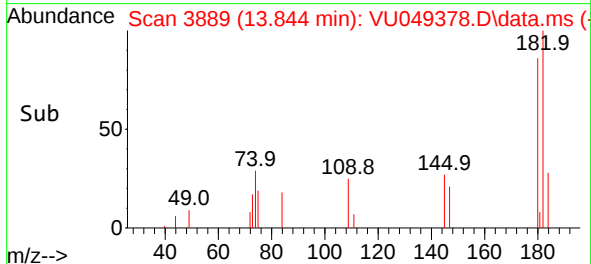
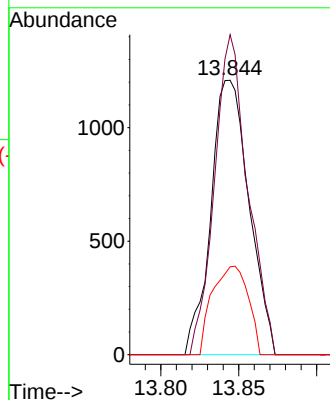
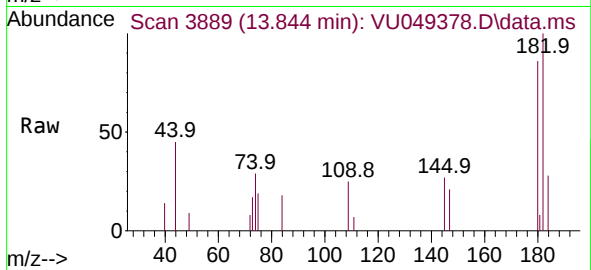




#70
1,2,4-trichlorobenzene
Concen: 0.190 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049378.D
Acq: 24 Jun 2022 10:53

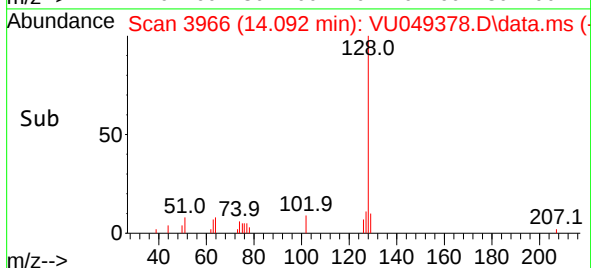
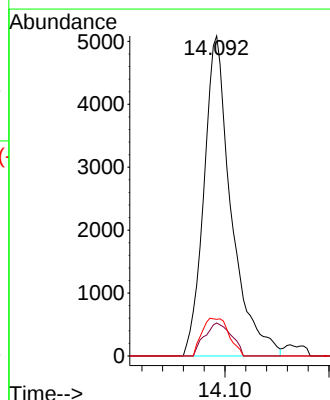
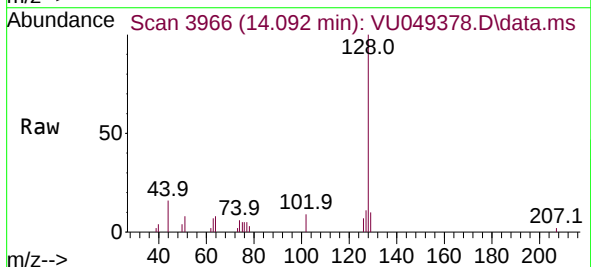
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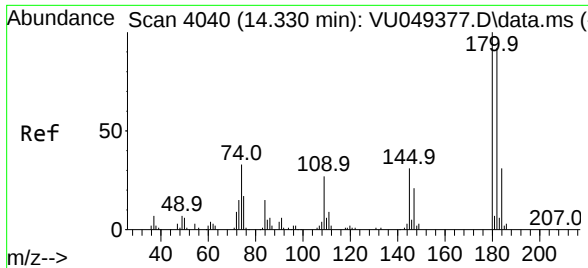
Tgt Ion:180 Resp: 2063
Ion Ratio Lower Upper
180 100
182 101.7 74.6 112.0
145 30.2 26.1 39.1



#71
Naphthalene
Concen: 0.430 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049378.D
Acq: 24 Jun 2022 10:53

Tgt Ion:128 Resp: 9274
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.6
127 11.5 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.225 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU049378.D
 Acq: 24 Jun 2022 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094

Tgt Ion:	180	Resp:	2296
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.6	113.4
145	31.8	27.9	41.9

