

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051846.D
 Acq On : 14 Nov 2022 20:04
 Operator : JC/MD
 Sample : N5592-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1

Quant Time: Nov 15 03:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

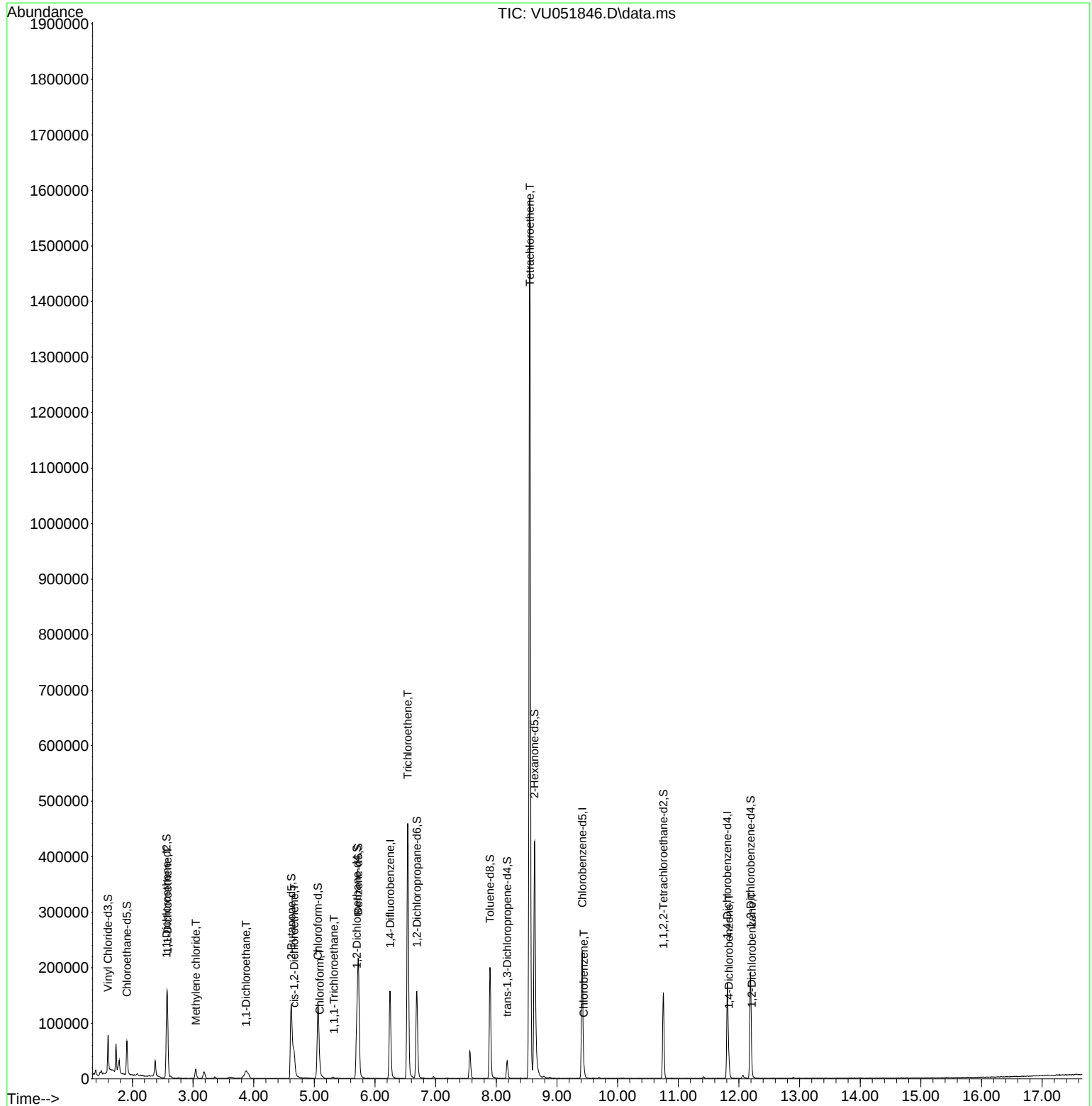
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133509	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	48113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44138	4.390	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.909	69	49864	4.755	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.565	65	17847	4.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	4.620	46	186568	51.233	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.460%	
24) Chloroform-d	5.060	84	120126	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.700	65	67754	5.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.726	84	209408	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.690	67	80765	5.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.896	98	139095	4.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.179	79	18249	4.032	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.629	63	140628	51.618	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.240%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	78889	5.816	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	53795	6.092	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.800%#	
Target Compounds			Qvalue			
12) 1,1-Dichloroethene	2.578	96	35922	3.095	ug/L #	80
16) Methylene chloride	3.044	84	8216	0.432	ug/L	95
19) 1,1-Dichloroethane	3.874	63	6234	0.271	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	20503	1.488	ug/L	98
25) Chloroform	5.089	83	10319	0.433	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	1662	0.091	ug/L	98
34) Trichloroethene	6.539	95	164428	12.872	ug/L	99
47) Tetrachloroethene	8.552	164	362696	37.073	ug/L	95
51) Chlorobenzene	9.443	112	8150	0.238	ug/L	90
65) 1,4-Dichlorobenzene	11.835	146	12446	0.710	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	3677	0.216	ug/L #	85

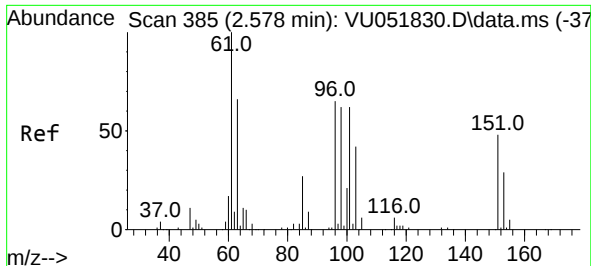
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.095 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051846.D

Acq: 14 Nov 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

H0AB1

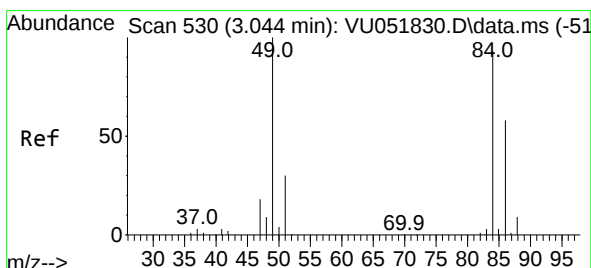
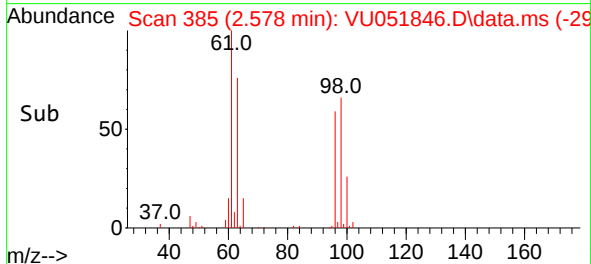
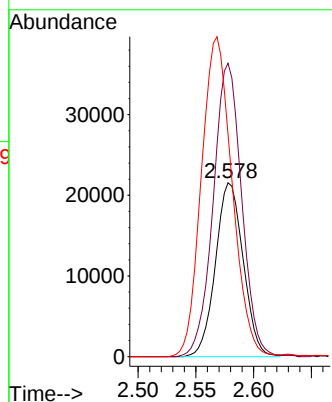
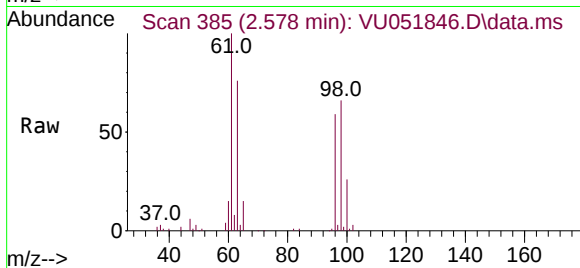
Tgt Ion: 96 Resp: 35922

Ion Ratio Lower Upper

96 100

61 168.8 108.8 202.0

63 127.8 64.9 120.5#



#16

Methylene chloride

Concen: 0.432 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU051846.D

Acq: 14 Nov 2022 20:04

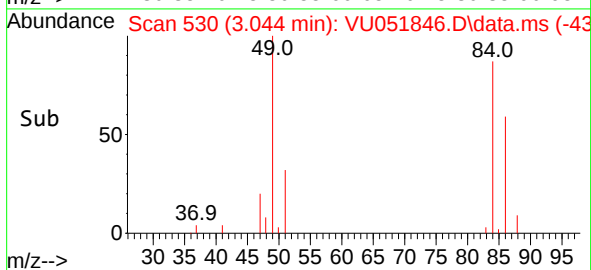
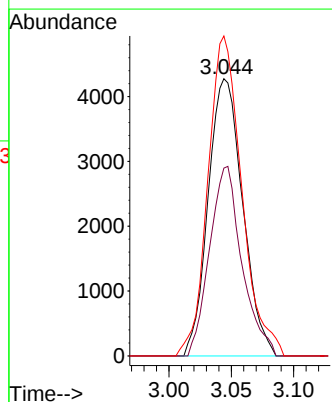
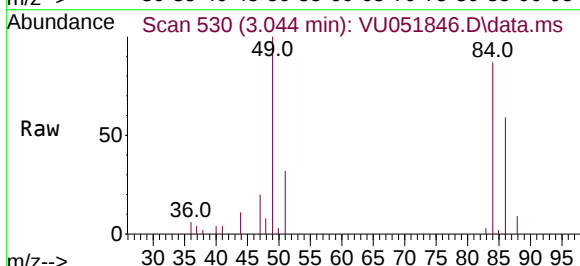
Tgt Ion: 84 Resp: 8216

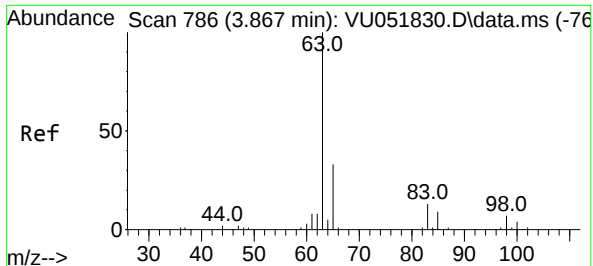
Ion Ratio Lower Upper

84 100

86 67.8 46.3 85.9

49 115.5 76.0 141.2





#19

1,1-Dichloroethane

Concen: 0.271 ug/L

RT: 3.874 min Scan# 786

Delta R.T. 0.006 min

Lab File: VU051846.D

Acq: 14 Nov 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

H0AB1

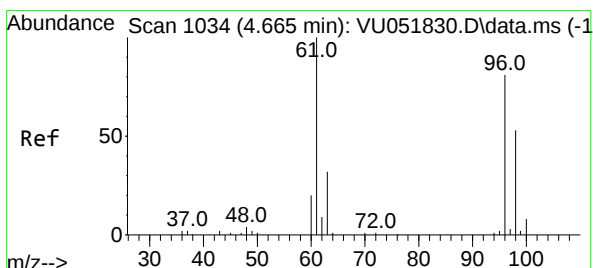
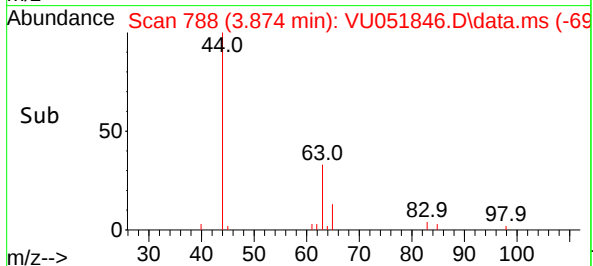
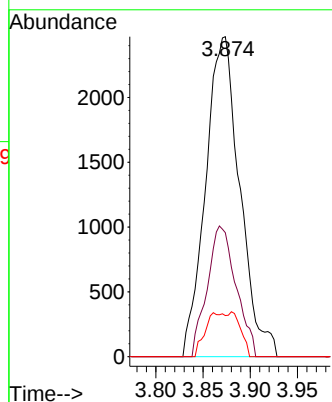
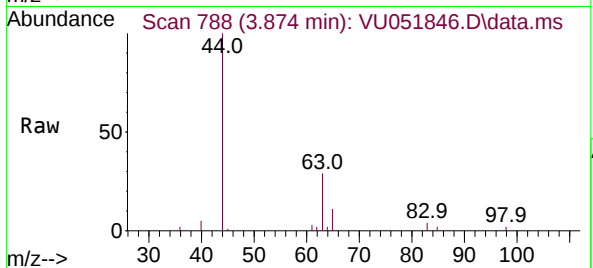
Tgt Ion: 63 Resp: 6234

Ion Ratio Lower Upper

63 100

65 38.7 22.7 42.1

83 12.8 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.488 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051846.D

Acq: 14 Nov 2022 20:04

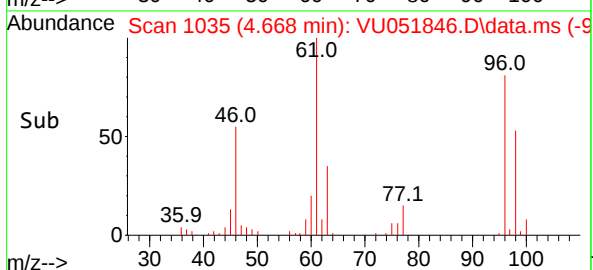
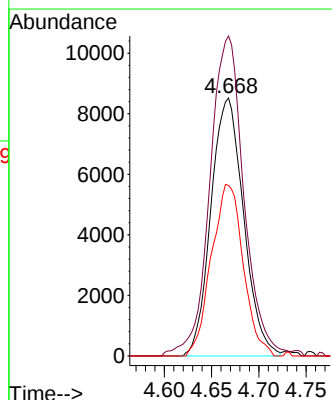
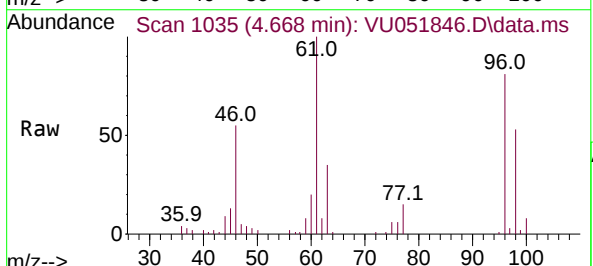
Tgt Ion: 96 Resp: 20503

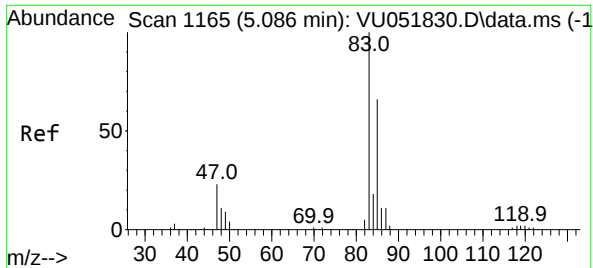
Ion Ratio Lower Upper

96 100

61 124.1 86.4 160.4

98 66.1 44.2 82.2

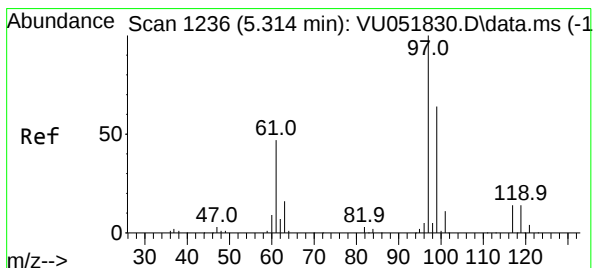
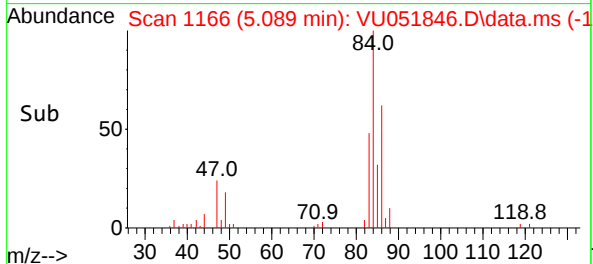
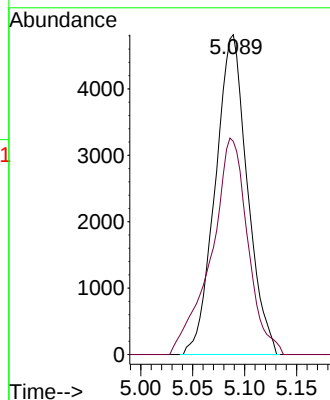
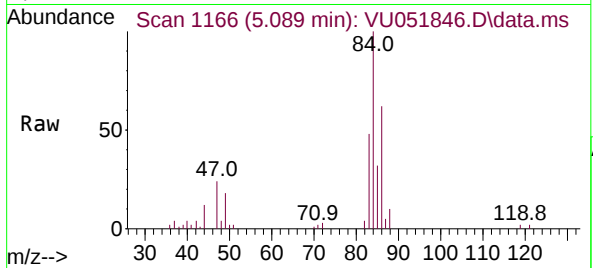




#25
Chloroform
Concen: 0.433 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU051846.D
Acq: 14 Nov 2022 20:04

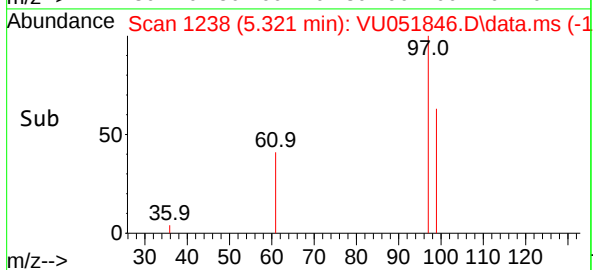
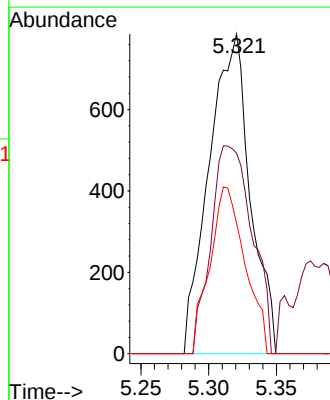
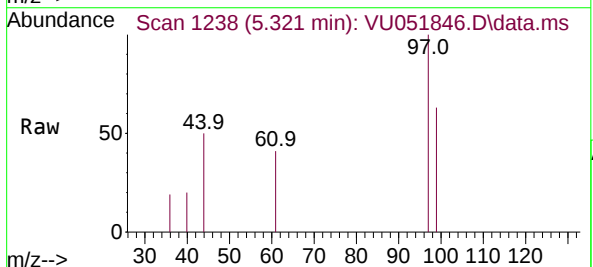
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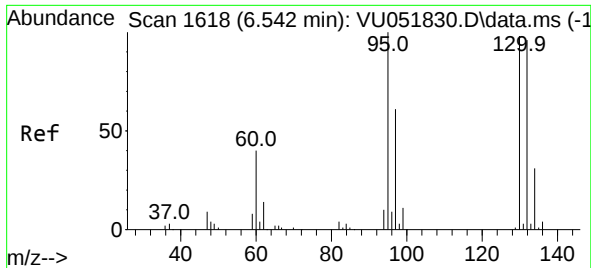
Tgt Ion: 83 Resp: 10319
Ion Ratio Lower Upper
83 100
85 66.6 45.2 84.0



#29
1,1,1-Trichloroethane
Concen: 0.091 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VU051846.D
Acq: 14 Nov 2022 20:04

Tgt Ion: 97 Resp: 1662
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 44.6 37.4 56.0

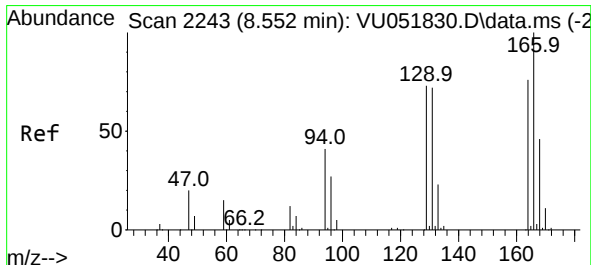
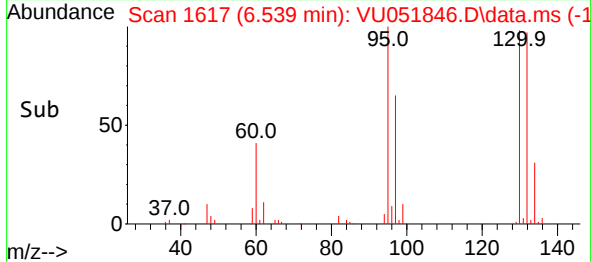
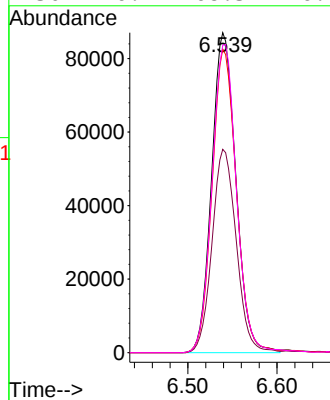
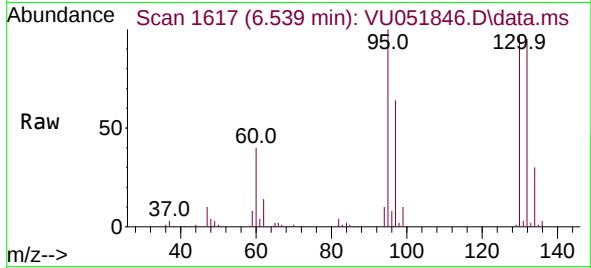




#34
 Trichloroethene
 Concen: 12.872 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU051846.D
 Acq: 14 Nov 2022 20:04

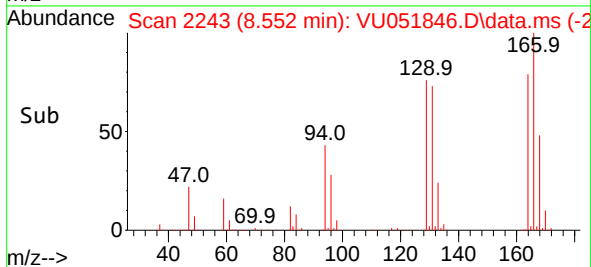
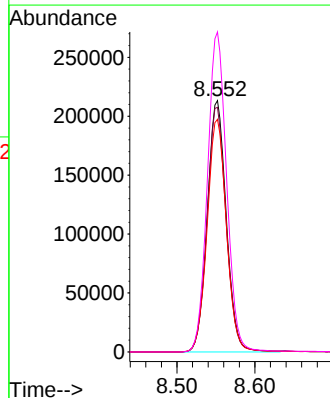
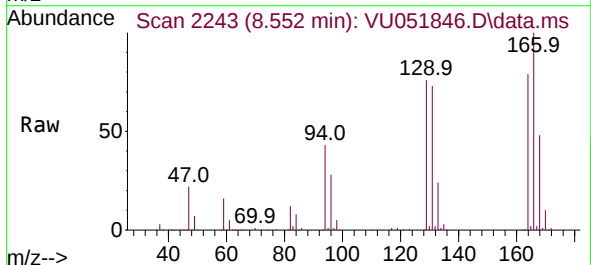
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 ClientSampleId :
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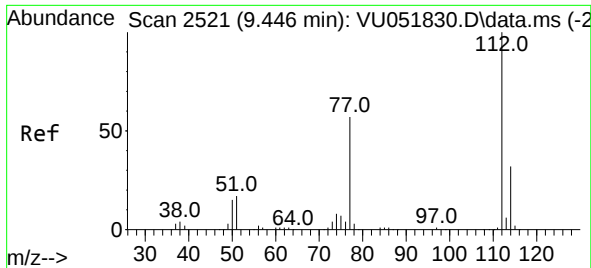
Tgt Ion: 95 Resp: 164428
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.2 84.0
 132 94.8 66.5 123.5
 130 96.1 68.3 126.8



#47
 Tetrachloroethene
 Concen: 37.073 ug/L
 RT: 8.552 min Scan# 2243
 Delta R.T. -0.000 min
 Lab File: VU051846.D
 Acq: 14 Nov 2022 20:04

Tgt Ion: 164 Resp: 362696
 Ion Ratio Lower Upper
 164 100
 129 97.4 64.0 118.8
 131 92.6 60.7 112.7
 166 127.4 86.8 161.2

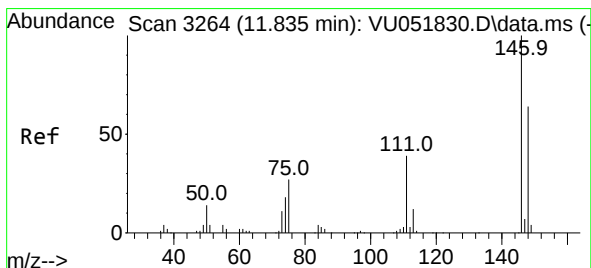
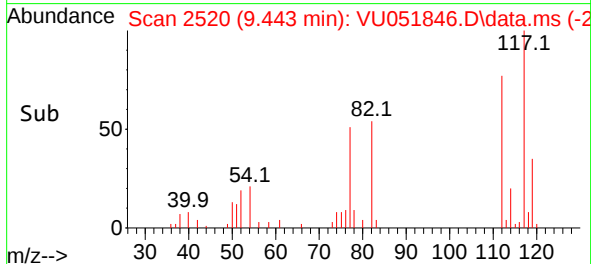
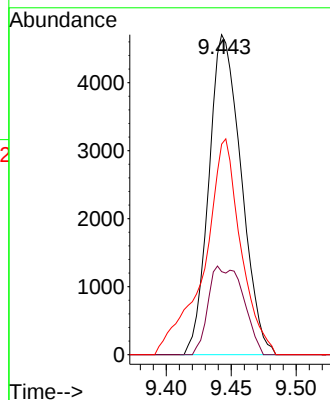
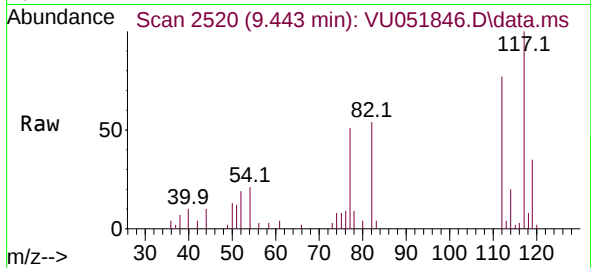




#51
Chlorobenzene
Concen: 0.238 ug/L
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU051846.D
Acq: 14 Nov 2022 20:04

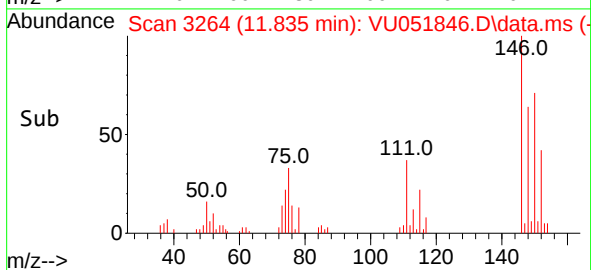
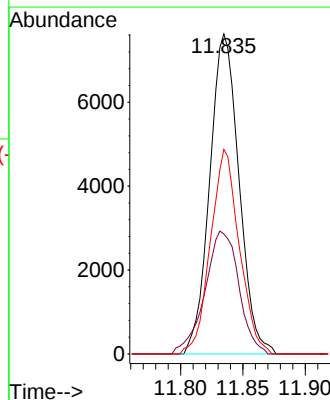
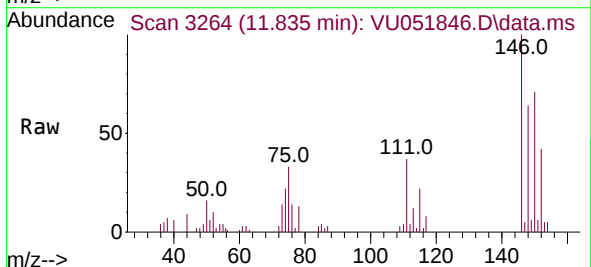
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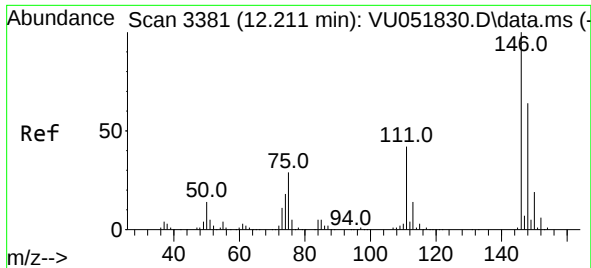
Tgt Ion:	112	Resp:	8150
Ion Ratio	Lower	Upper	
112	100		
114	25.9	22.0	40.8
77	65.8	46.7	70.1



#65
1,4-Dichlorobenzene
Concen: 0.710 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051846.D
Acq: 14 Nov 2022 20:04

Tgt Ion:	146	Resp:	12446
Ion Ratio	Lower	Upper	
146	100		
111	37.5	26.7	49.5
148	63.9	43.5	80.9





#67

1,2-Dichlorobenzene

Concen: 0.216 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051846.D

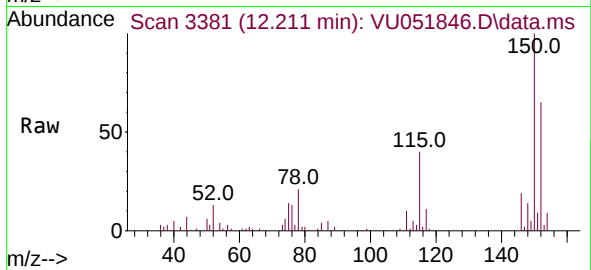
Acq: 14 Nov 2022 20:04

Instrument :

MSVOA_U

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Tgt Ion:146 Resp: 3677

Ion Ratio Lower Upper

146 100

111 51.6 34.2 51.2#

148 75.1 50.1 75.1#

