

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051731.D
 Acq On : 03 Nov 2022 14:10
 Operator : JC/MD
 Sample : N5321-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

Quant Time: Nov 04 00:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

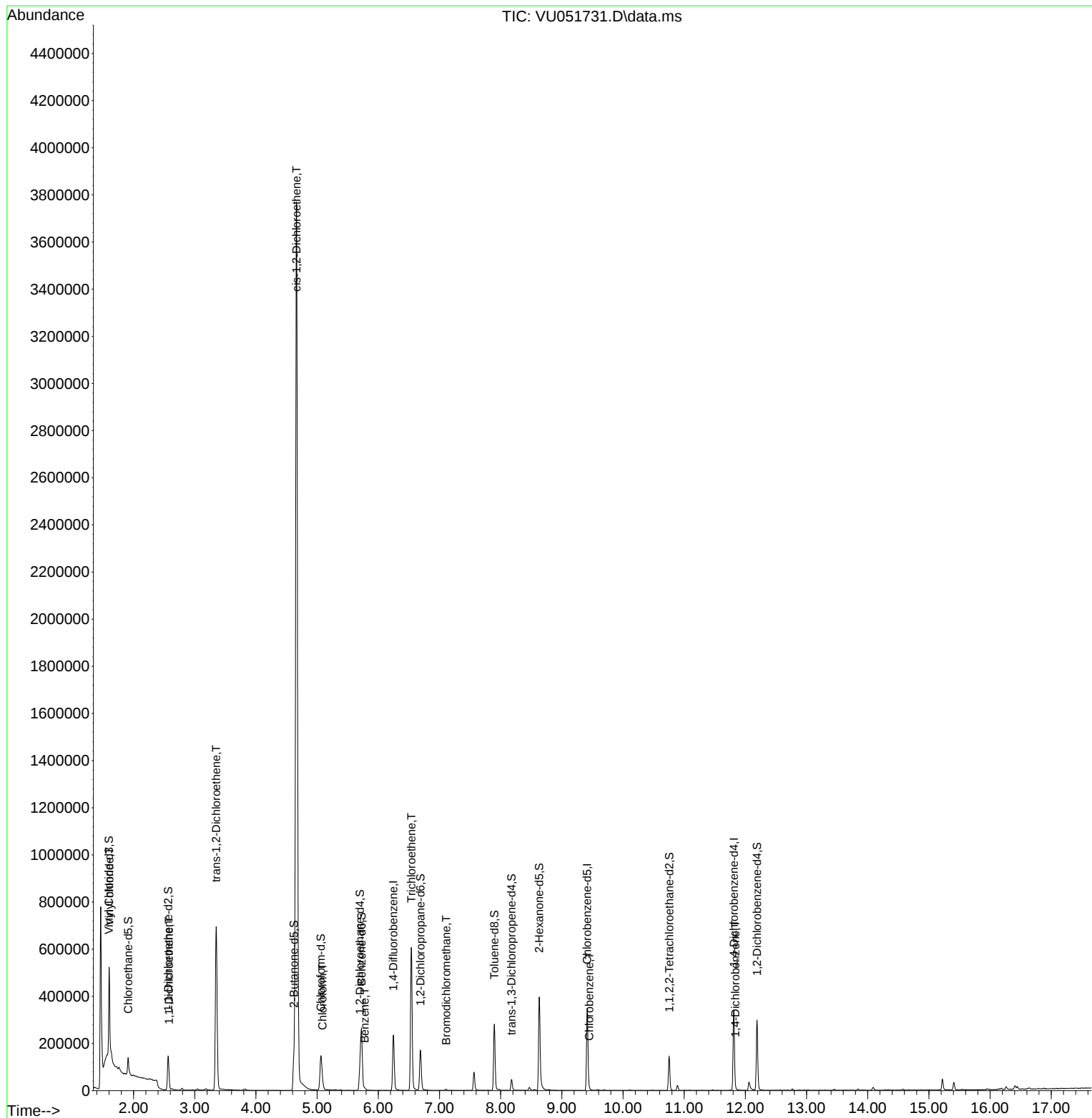
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196764	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	205171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61204	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.912	69	55608	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.565	65	24114	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.620	46	182694	34.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.080%
24) Chloroform-d	5.060	84	133614	3.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.700	65	67813	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
32) Benzene-d6	5.726	84	252539	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.687	67	87959	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.896	98	197817	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	27214	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.629	63	137746	33.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.100%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	75385	3.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82878	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	220362	8.481	ug/L #	5
12) 1,1-Dichloroethene	2.578	96	10445	0.611	ug/L #	1
18) trans-1,2-Dichloroethene	3.350	96	304686	16.597	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	2030841	99.977	ug/L	100
25) Chloroform	5.086	83	27331	0.778	ug/L	100
33) Benzene	5.777	78	8107	0.100	ug/L	100
34) Trichloroethene	6.539	95	211190	10.808	ug/L	98
38) Bromodichloromethane	7.108	83	3400	0.134	ug/L	96
51) Chlorobenzene	9.446	112	4263	0.081	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	2917	0.084	ug/L	89

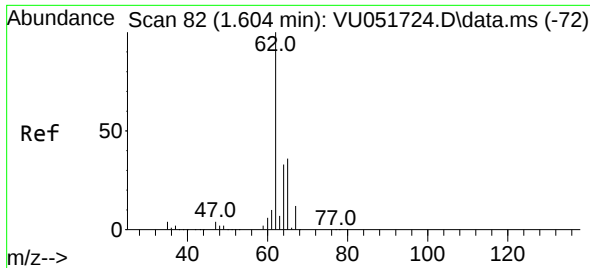
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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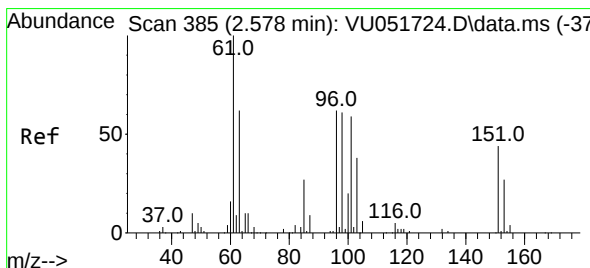
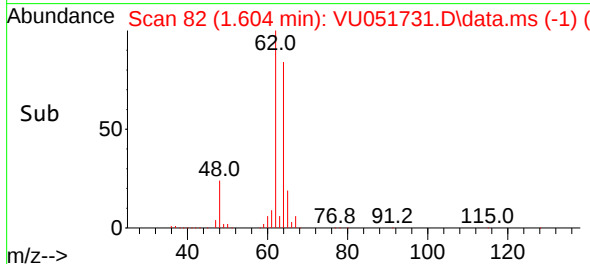
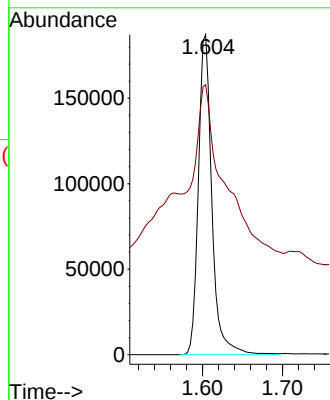
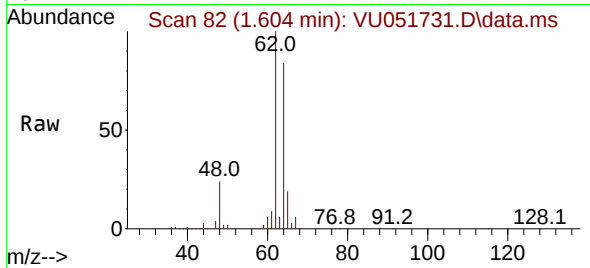




#5
 Vinyl chloride
 Concen: 8.481 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051731.D
 Acq: 03 Nov 2022 14:10

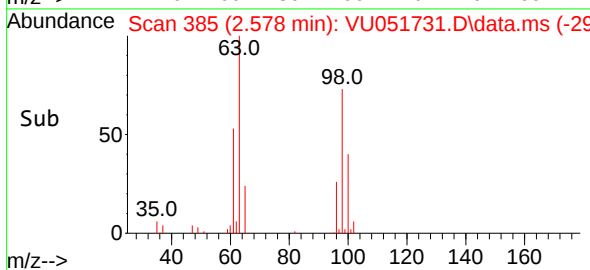
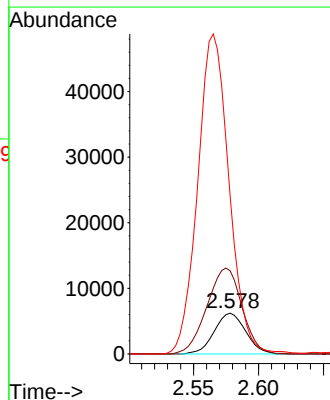
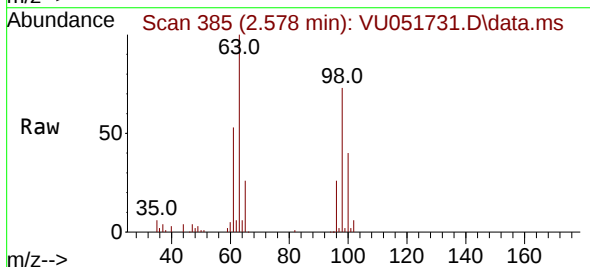
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

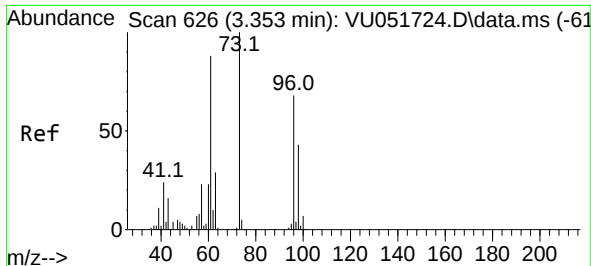
Tgt Ion: 62 Resp: 220362
 Ion Ratio Lower Upper
 62 100
 64 84.4 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 0.611 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051731.D
 Acq: 03 Nov 2022 14:10

Tgt Ion: 96 Resp: 10445
 Ion Ratio Lower Upper
 96 100
 61 204.4 108.8 202.0#
 63 387.9 64.9 120.5#

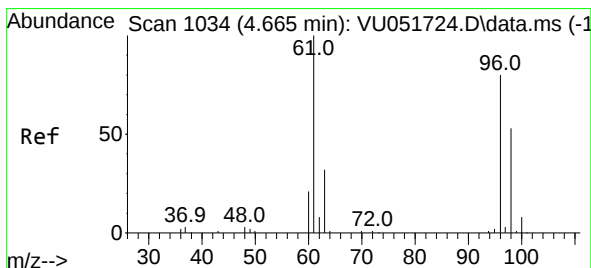
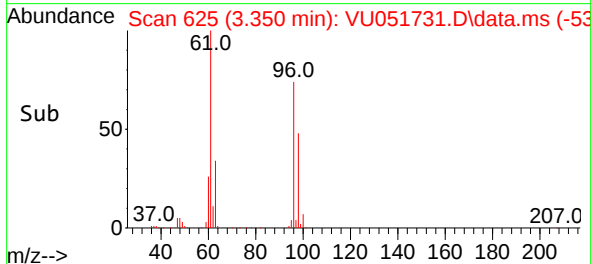
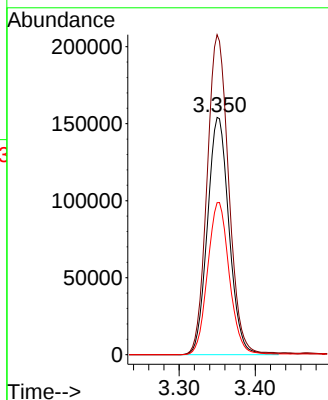
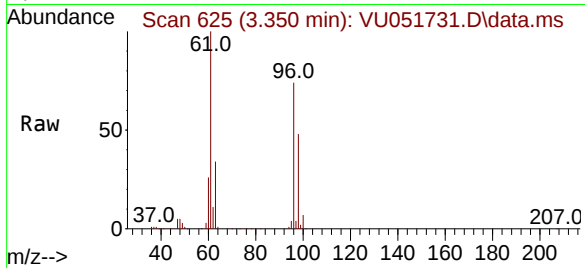




#18
trans-1,2-Dichloroethene
Concen: 16.597 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051731.D
Acq: 03 Nov 2022 14:10

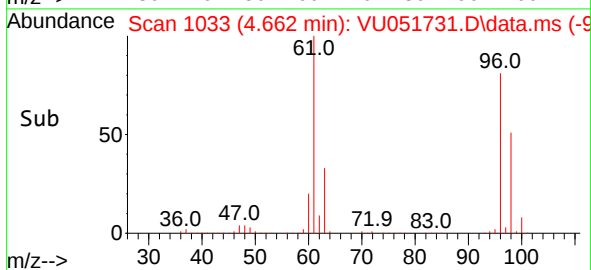
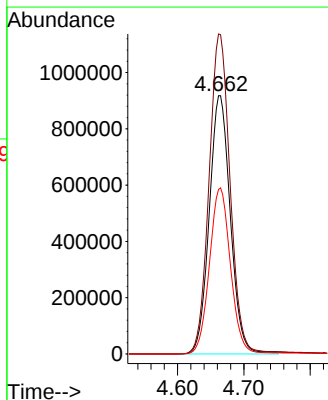
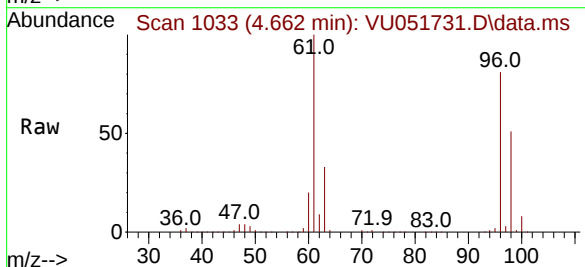
Instrument :
MSVOA_U
ClientSampleId :
DBWN8

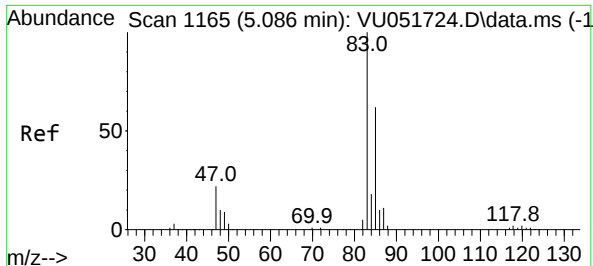
Tgt Ion: 96 Resp: 304686
Ion Ratio Lower Upper
96 100
61 134.8 94.7 175.9
98 64.1 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 99.977 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051731.D
Acq: 03 Nov 2022 14:10

Tgt Ion: 96 Resp: 2030841
Ion Ratio Lower Upper
96 100
61 123.9 86.4 160.4
98 63.7 44.2 82.2





#25

Chloroform

Concen: 0.778 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051731.D

Acq: 03 Nov 2022 14:10

Instrument :

MSVOA_U

ClientSampleId :

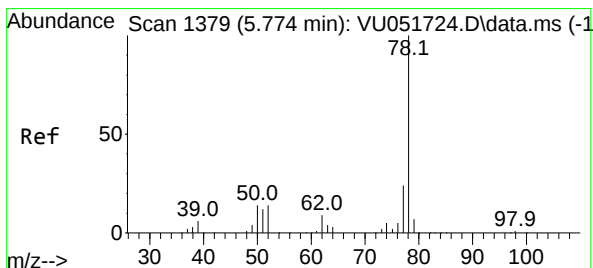
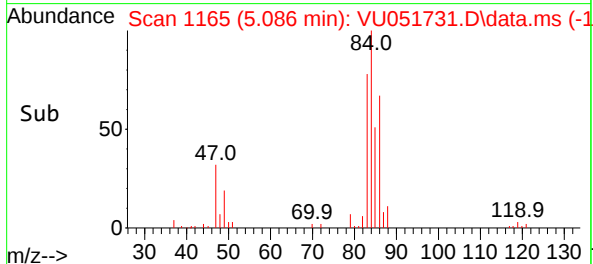
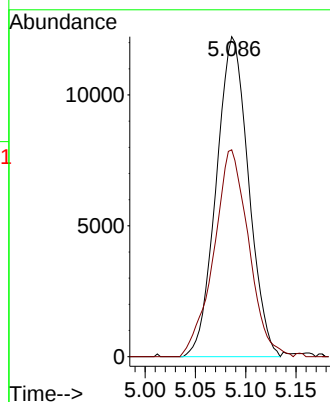
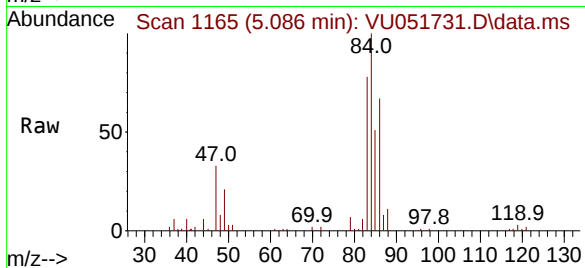
DBWN8

Tgt Ion: 83 Resp: 27331

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#33

Benzene

Concen: 0.100 ug/L

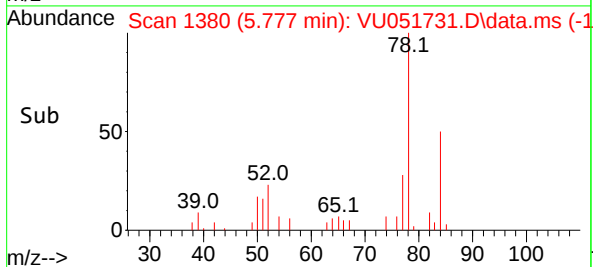
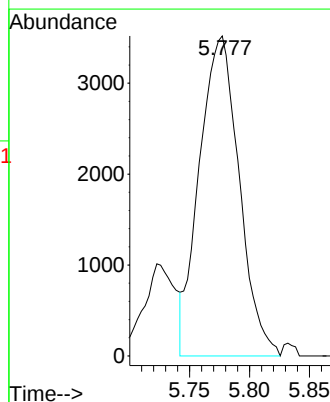
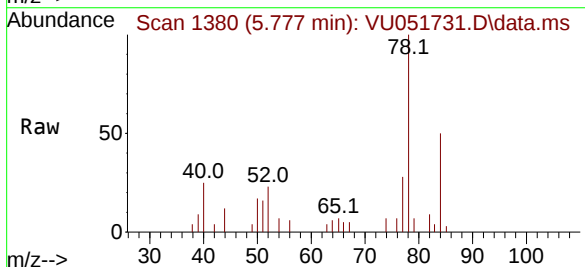
RT: 5.777 min Scan# 1380

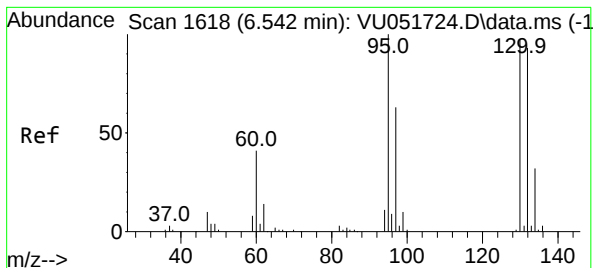
Delta R.T. 0.003 min

Lab File: VU051731.D

Acq: 03 Nov 2022 14:10

Tgt Ion: 78 Resp: 8107





#34

Trichloroethene

Concen: 10.808 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051731.D

Acq: 03 Nov 2022 14:10

Instrument :

MSVOA_U

ClientSampleId :

DBWN8

Tgt Ion: 95 Resp: 211190

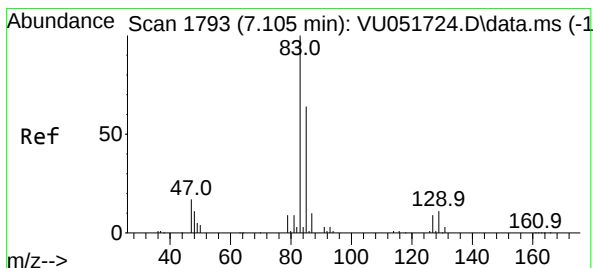
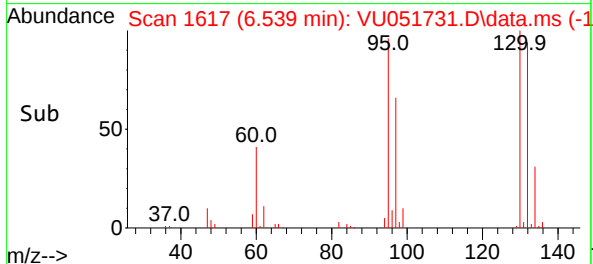
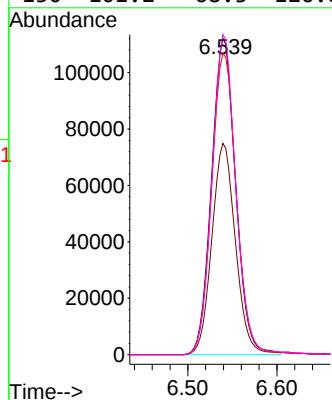
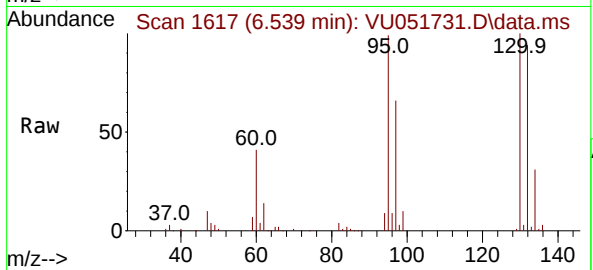
Ion Ratio Lower Upper

95 100

97 66.9 45.2 84.0

132 95.3 66.5 123.5

130 101.2 68.3 126.8



#38

Bromodichloromethane

Concen: 0.134 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU051731.D

Acq: 03 Nov 2022 14:10

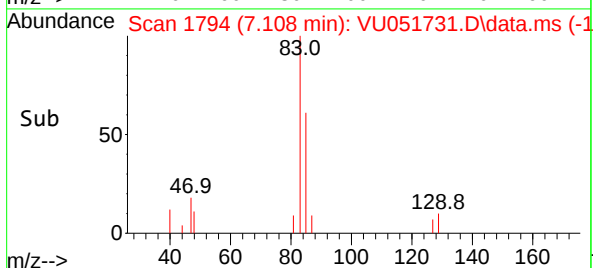
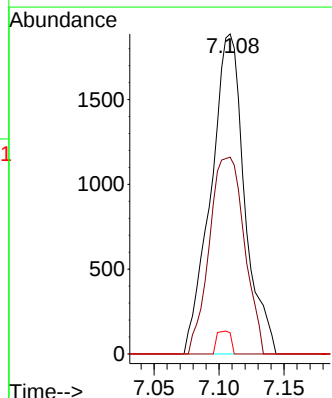
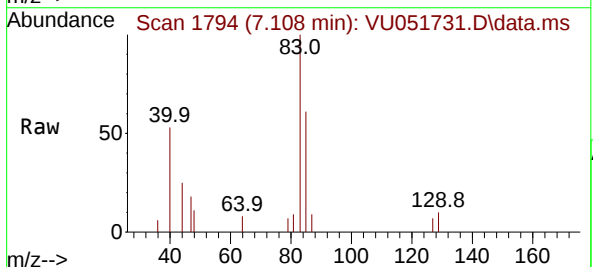
Tgt Ion: 83 Resp: 3400

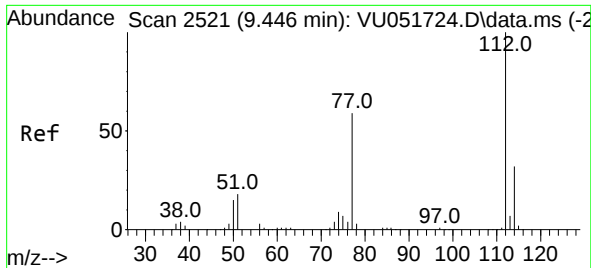
Ion Ratio Lower Upper

83 100

85 61.5 45.1 83.7

127 6.6 6.6 9.8

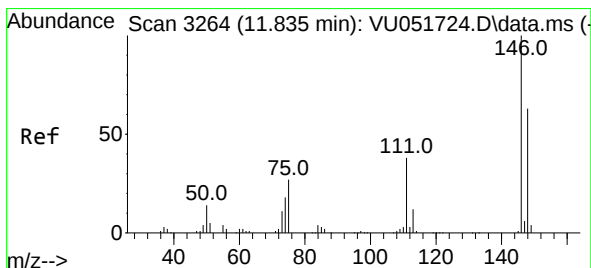
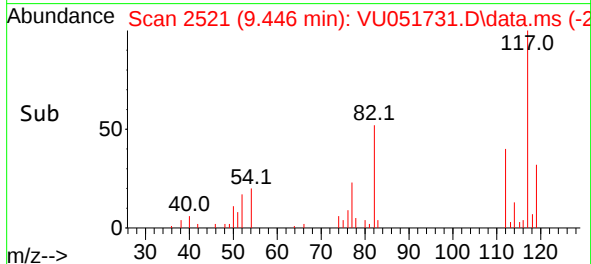
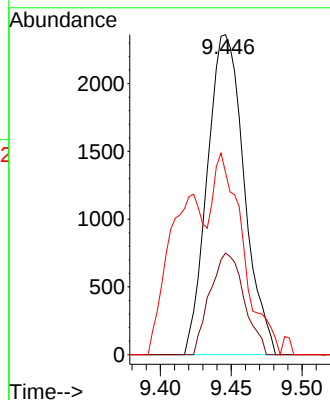
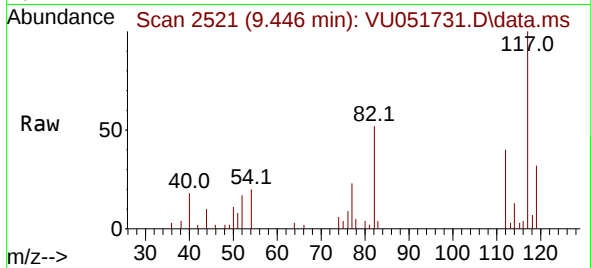




#51
Chlorobenzene
Concen: 0.081 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051731.D
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Tgt Ion:112	Resp:	4263
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.0 40.8
77	57.1	46.7 70.1



#65
1,4-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051731.D
Acq: 03 Nov 2022 14:10

Tgt Ion:146	Resp:	2917
Ion Ratio	Lower	Upper
146	100	
111	41.7	26.7 49.5
148	73.0	43.5 80.9

