

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051628.D
 Acq On : 31 Oct 2022 22:37
 Operator : JC/MD
 Sample : N5353-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV2

Quant Time: Nov 01 05:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

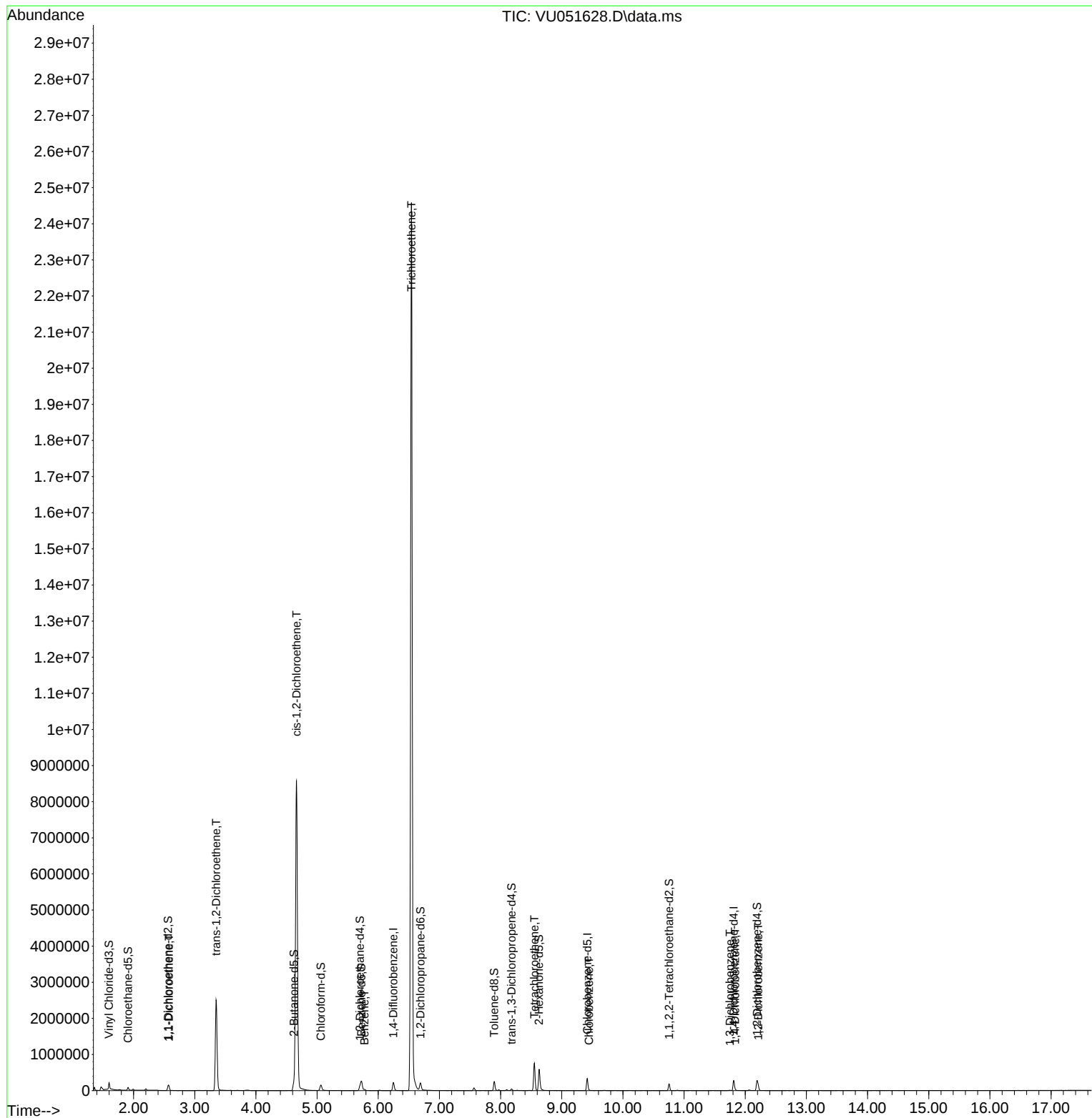
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48430	3.411	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.200%	
7) Chloroethane-d5	1.909	69	57198	3.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.565	65	20194	3.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.620	46	284553	55.337	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.680%	
24) Chloroform-d	5.063	84	143020	4.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.700	65	84508	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.726	84	256075	4.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.690	67	98828	4.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.896	98	177231	3.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.179	79	26582	4.033	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.629	63	203161	51.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.420%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	96867	4.904	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	69196	4.771	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	31567	1.926	ug/L	# 79
18) trans-1,2-Dichloroethene	3.350	96	1094754	62.240	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	4644148	238.618	ug/L	99
33) Benzene	5.774	78	31348	0.407	ug/L	100
34) Trichloroethene	6.542	95	8737719	469.704	ug/L	97
47) Tetrachloroethene	8.552	164	172628	12.117	ug/L	94
51) Chlorobenzene	9.446	112	4746	0.095	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	5019	0.175	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	11508	0.400	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	55103	1.970	ug/L	99

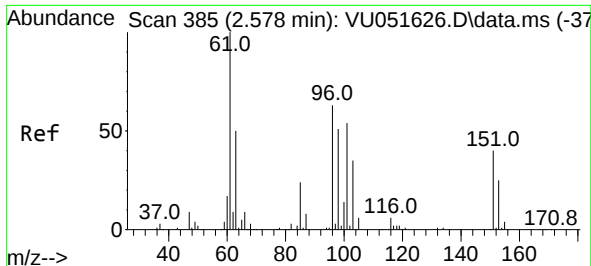
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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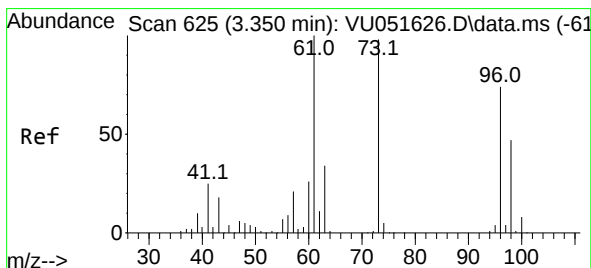
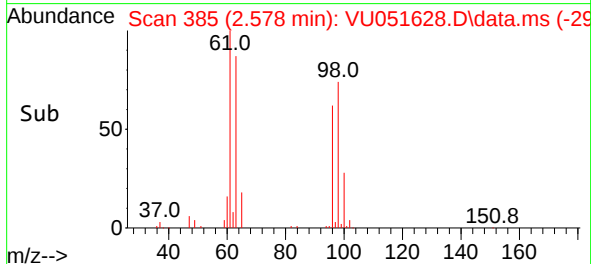
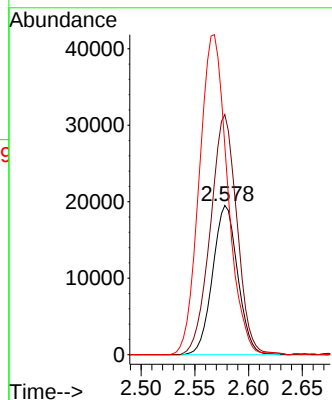
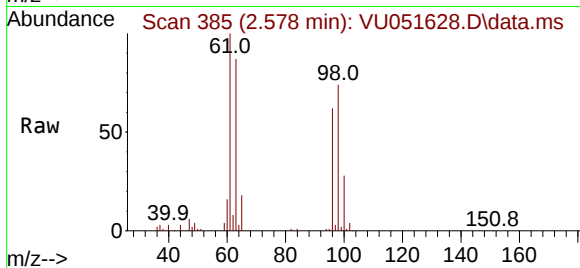




#12
1,1-Dichloroethene
Concen: 1.926 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

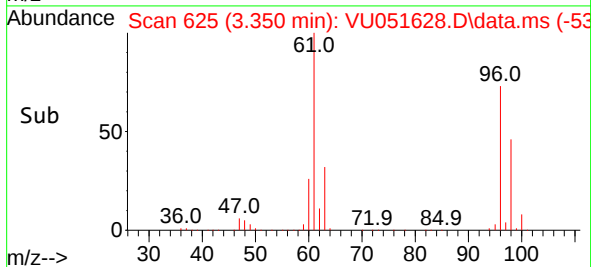
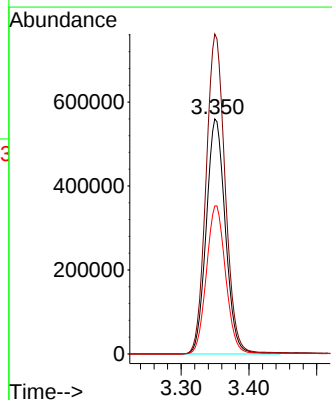
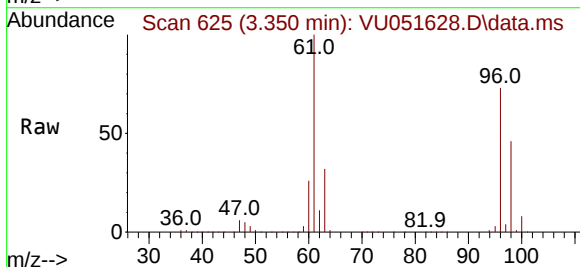
Instrument :
MSVOA_U
ClientSampleId :
DBWV2

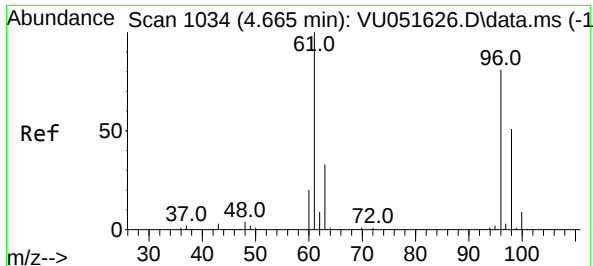
Tgt Ion: 96 Resp: 31567
Ion Ratio Lower Upper
96 100
61 161.0 108.8 202.0
63 140.0 64.9 120.5#



#18
trans-1,2-Dichloroethene
Concen: 62.240 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 96 Resp: 1094754
Ion Ratio Lower Upper
96 100
61 136.1 94.7 175.9
98 63.0 44.2 82.0



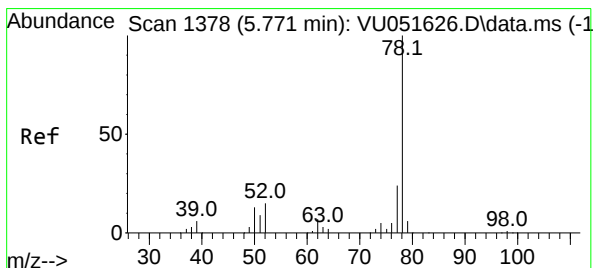
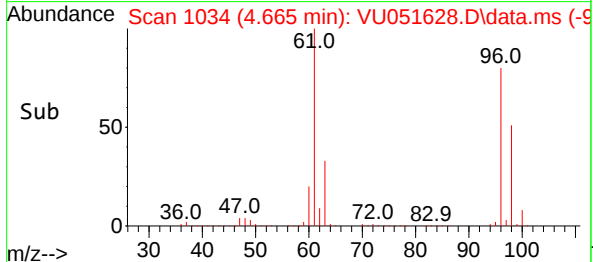
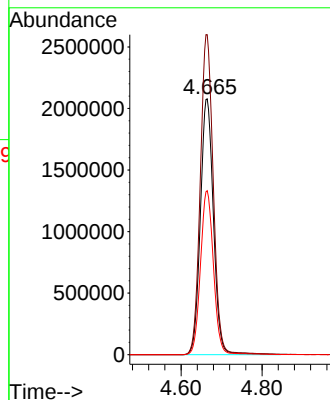
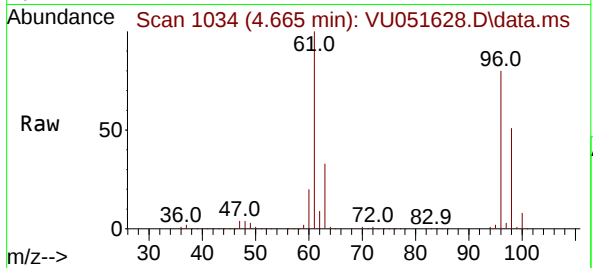


#22
 cis-1,2-Dichloroethene
 Concen: 238.618 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051628.D
 Acq: 31 Oct 2022 22:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVV2

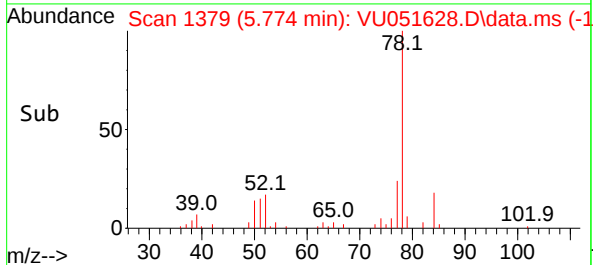
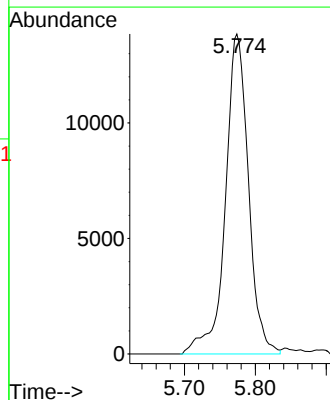
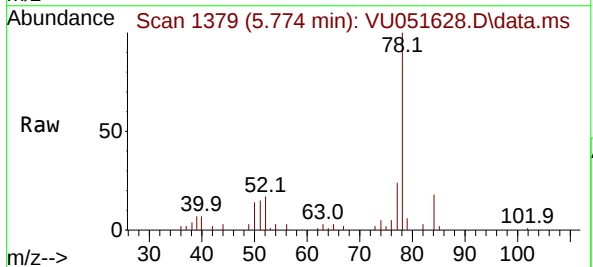
Tgt Ion: 96 Resp: 4644148

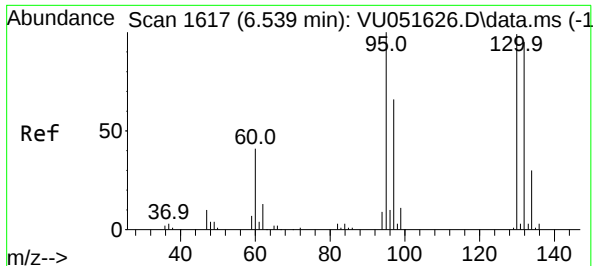
Ion	Ratio	Lower	Upper
96	100		
61	125.0	86.4	160.4
98	64.1	44.2	82.2



#33
 Benzene
 Concen: 0.407 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.003 min
 Lab File: VU051628.D
 Acq: 31 Oct 2022 22:37

Tgt Ion: 78 Resp: 31348



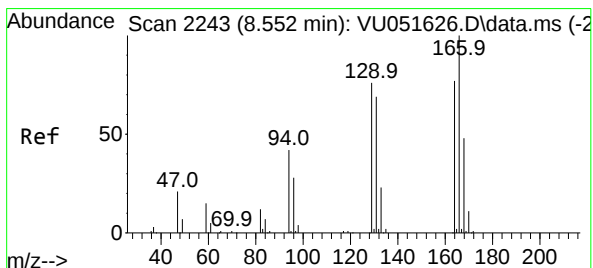
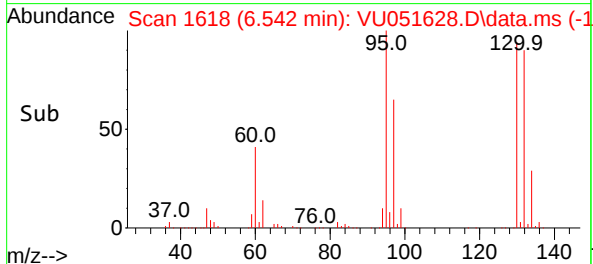
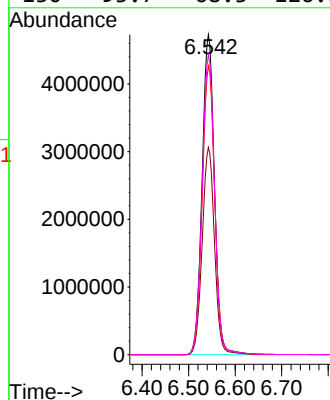
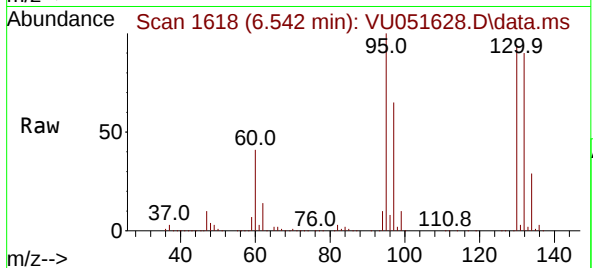


#34
Trichloroethene
Concen: 469.704 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Instrument :
MSVOA_U
ClientSampleId :
DBWV2

Tgt Ion: 95 Resp: 8737719

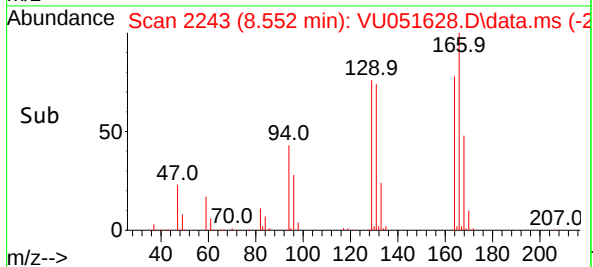
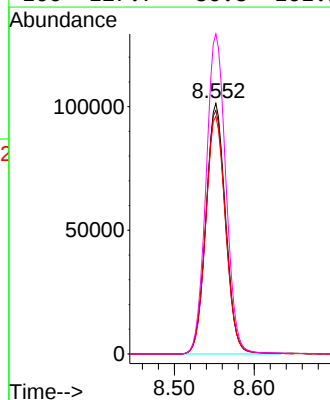
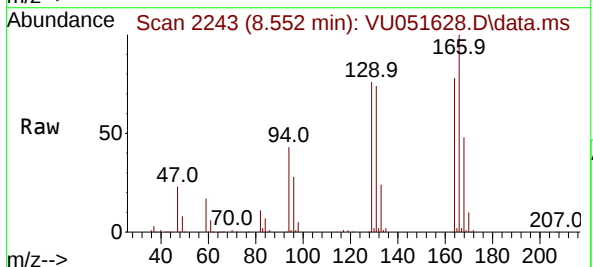
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.2	84.0
132	90.2	66.5	123.5
130	93.7	68.3	126.8

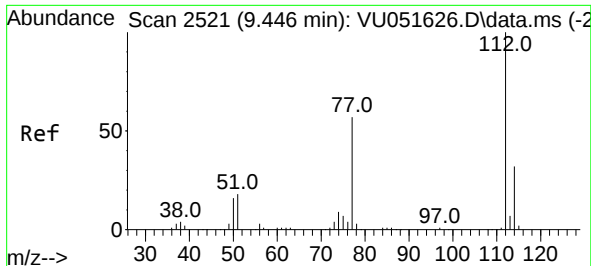


#47
Tetrachloroethene
Concen: 12.117 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 164 Resp: 172628

Ion	Ratio	Lower	Upper
164	100		
129	97.2	64.0	118.8
131	94.8	60.7	112.7
166	127.7	86.8	161.2

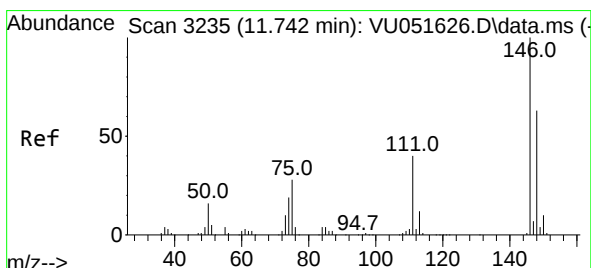
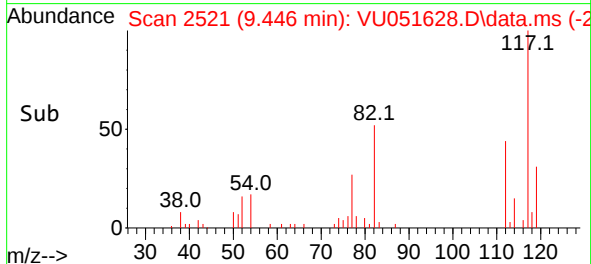
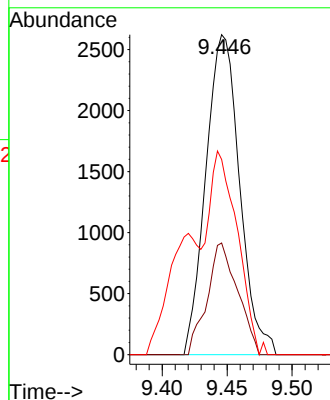
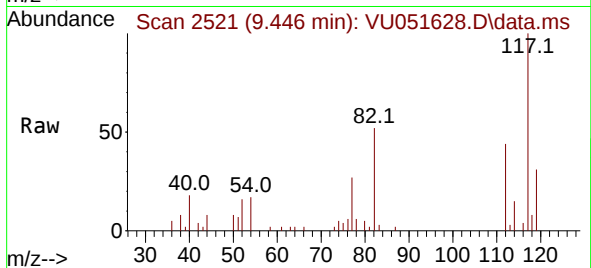




#51
Chlorobenzene
Concen: 0.095 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

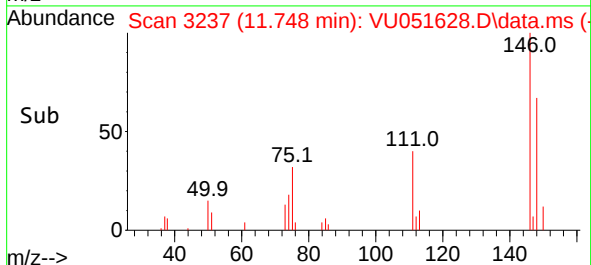
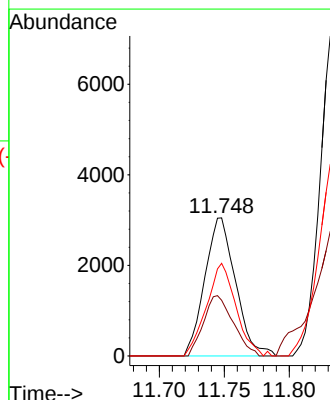
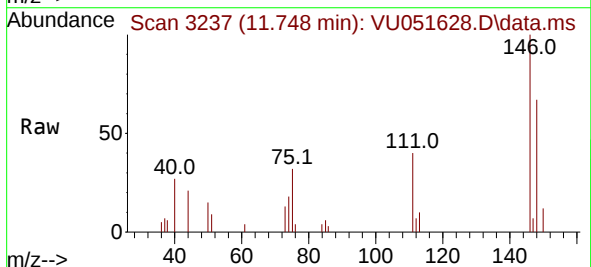
Instrument :
MSVOA_U
ClientSampleId :
DBVV2

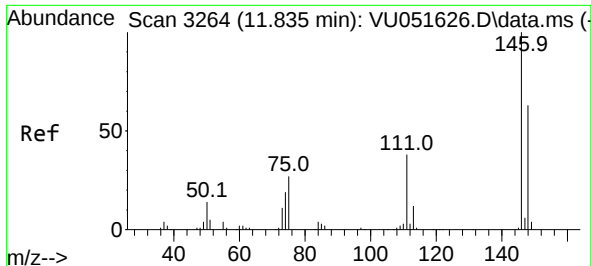
Tgt Ion:112 Resp: 4746
Ion Ratio Lower Upper
112 100
114 34.9 22.0 40.8
77 61.0 46.7 70.1



#64
1,3-Dichlorobenzene
Concen: 0.175 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion:146 Resp: 5019
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 67.1 44.7 82.9

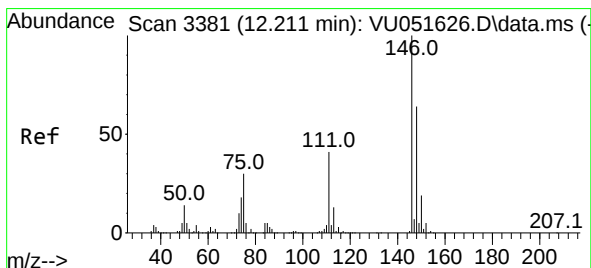
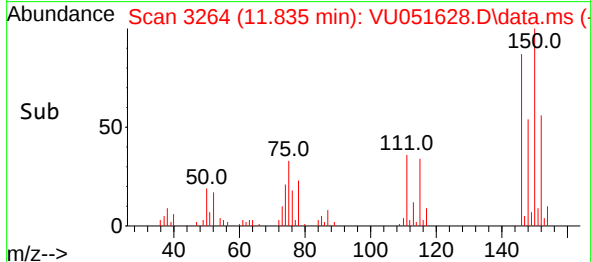
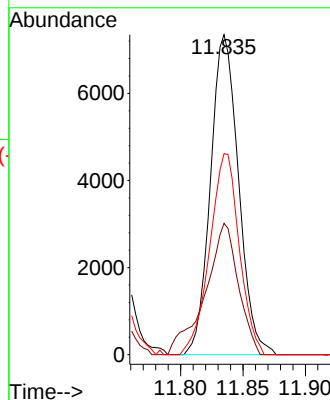
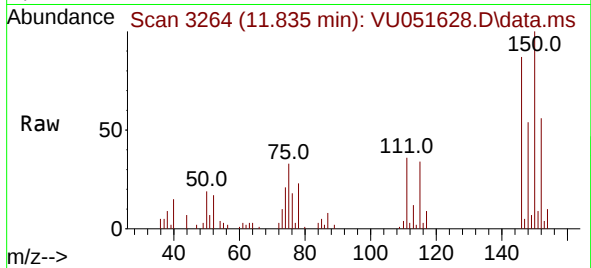




#65
1,4-Dichlorobenzene
Concen: 0.400 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Instrument :
MSVOA_U
ClientSampleId :
DBWV2

Tgt Ion:146 Resp: 11508
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.5
148 62.8 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 1.970 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion:146 Resp: 55103
Ion Ratio Lower Upper
146 100
111 42.5 34.2 51.2
148 60.8 50.1 75.1

