

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051614.D
 Acq On : 31 Oct 2022 16:19
 Operator : JC/MD
 Sample : N5353-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX9

Quant Time: Nov 01 01:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

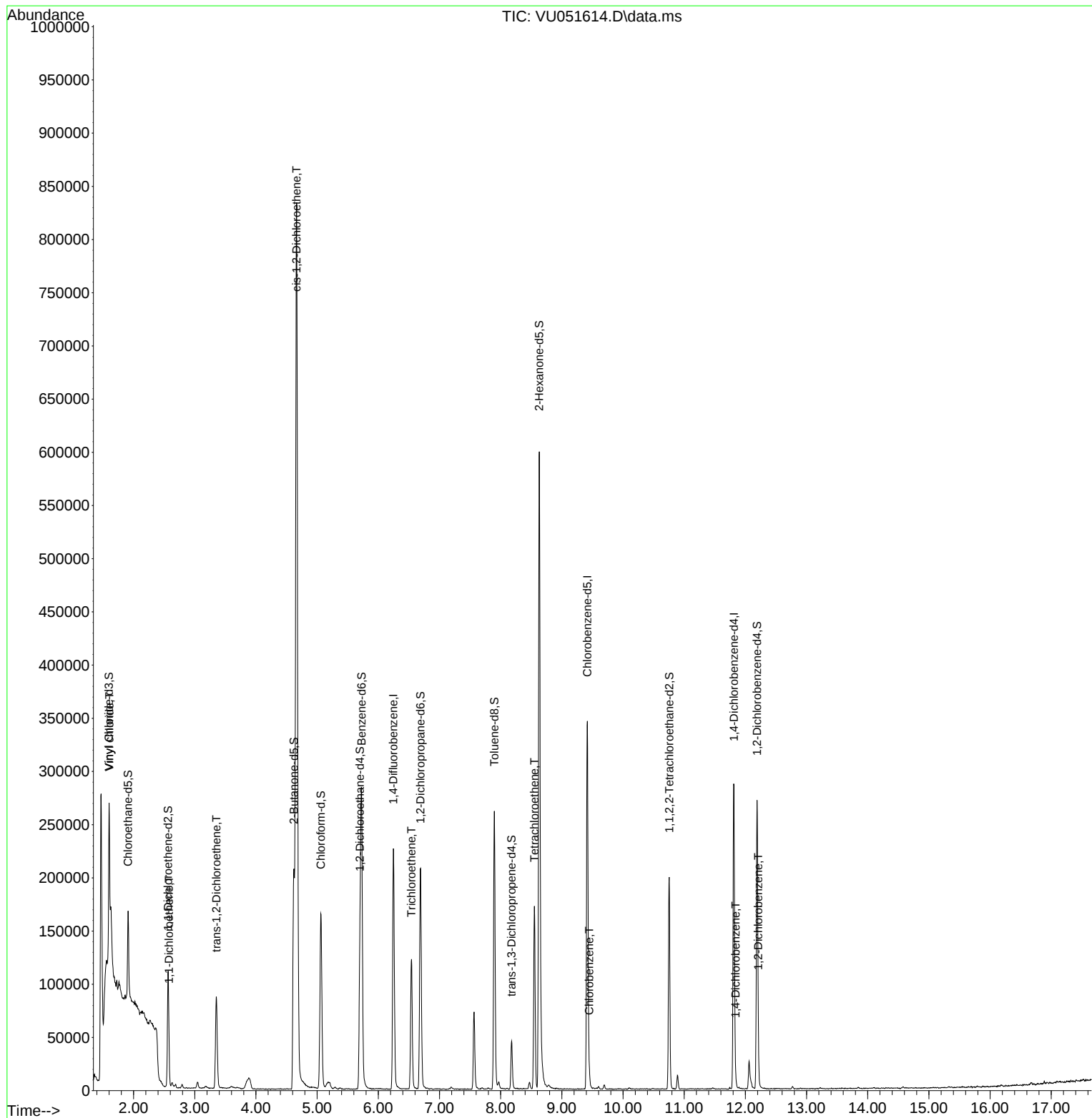
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187645	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	200687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54322	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.909	69	64326	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.562	65	20511	3.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.620	46	284943	55.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.060	84	157830	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	88944	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	274750	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.690	67	103895	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.896	98	181471	3.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.179	79	26289	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.629	63	206083	50.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	101780	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	73597	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
5) Vinyl chloride	1.604	62	53086	2.142	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	2931	0.180	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	37278	2.129	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	451211	23.292	ug/L	99
34) Trichloroethene	6.539	95	43260	2.263	ug/L	99
47) Tetrachloroethene	8.552	164	39019	2.666	ug/L	97
51) Chlorobenzene	9.446	112	6026	0.118	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	2733	0.092	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	5104	0.176	ug/L	95

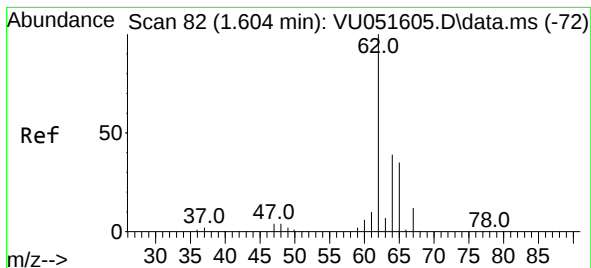
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.142 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051614.D

Acq: 31 Oct 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

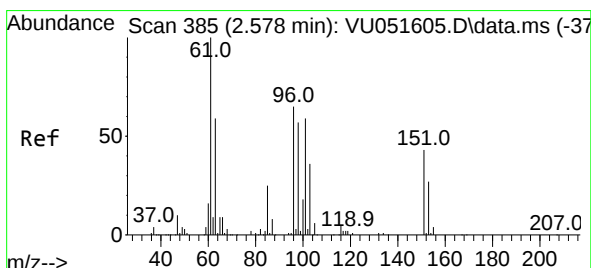
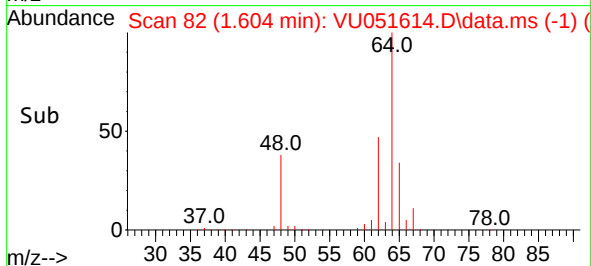
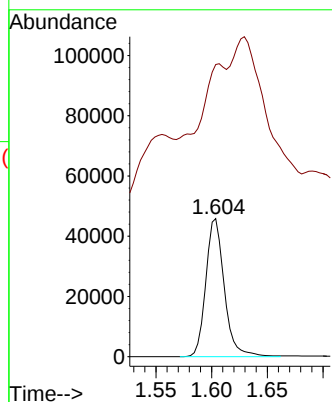
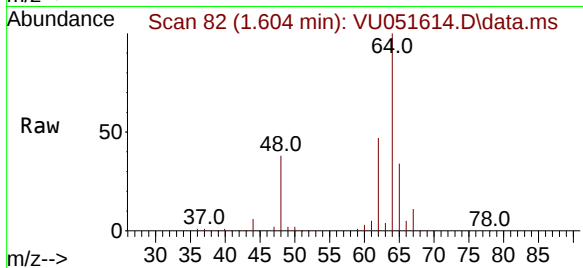
DBWX9

Tgt Ion: 62 Resp: 53086

Ion Ratio Lower Upper

62 100

64 211.6 22.1 41.1#



#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051614.D

Acq: 31 Oct 2022 16:19

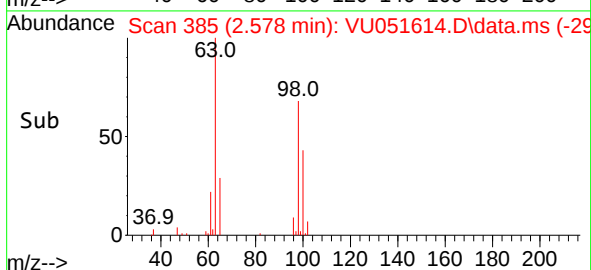
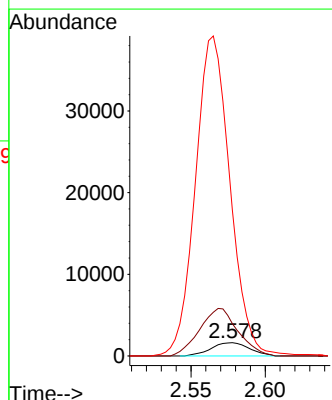
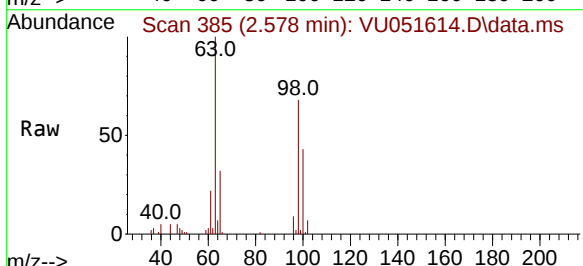
Tgt Ion: 96 Resp: 2931

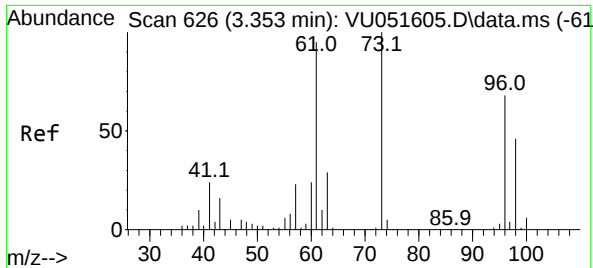
Ion Ratio Lower Upper

96 100

61 244.1 108.8 202.0#

63 1100.5 64.9 120.5#

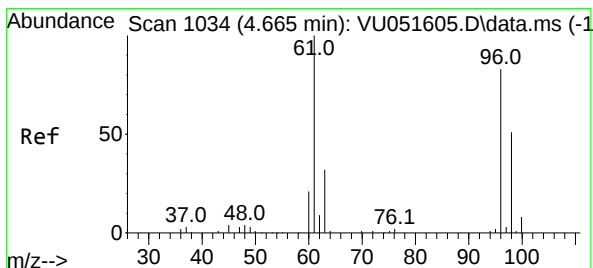
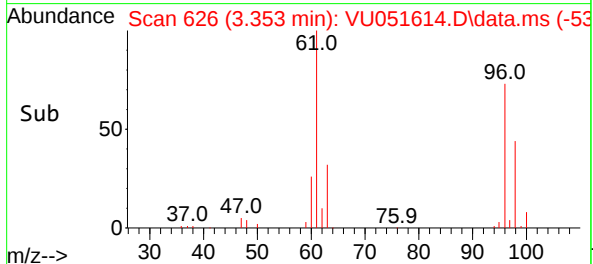
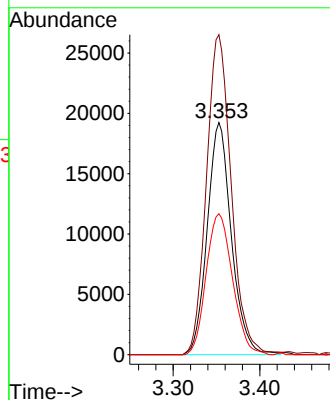
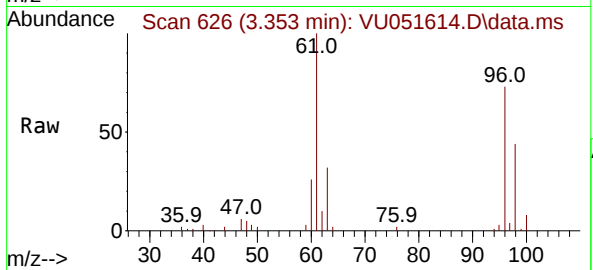




#18
trans-1,2-Dichloroethene
Concen: 2.129 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

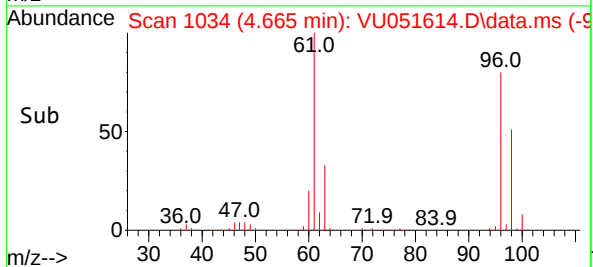
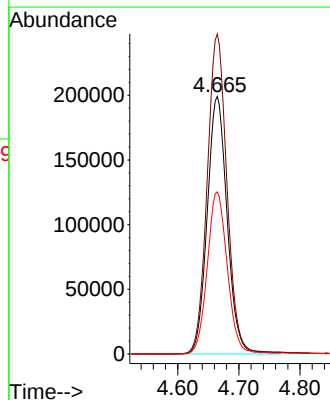
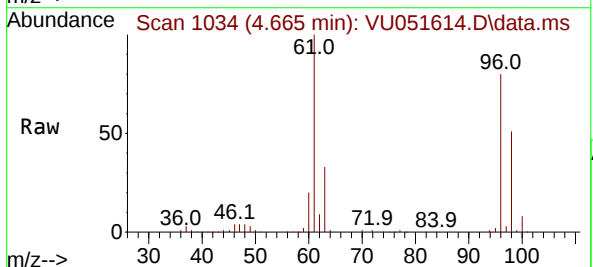
Instrument :
MSVOA_U
ClientSampleId :
DBWX9

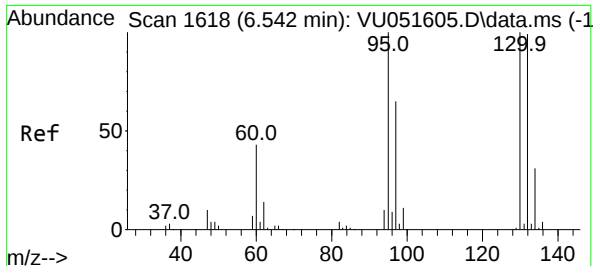
Tgt Ion: 96 Resp: 37278
Ion Ratio Lower Upper
96 100
61 137.8 94.7 175.9
98 60.7 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 23.292 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

Tgt Ion: 96 Resp: 451211
Ion Ratio Lower Upper
96 100
61 124.2 86.4 160.4
98 62.9 44.2 82.2



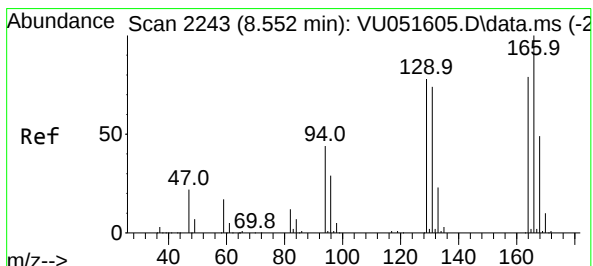
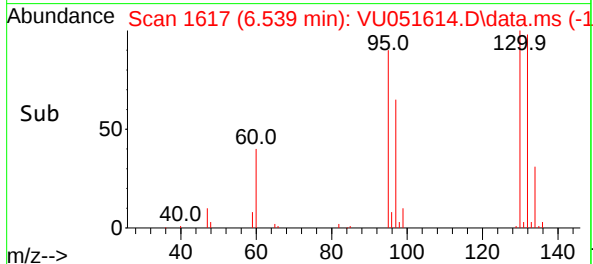
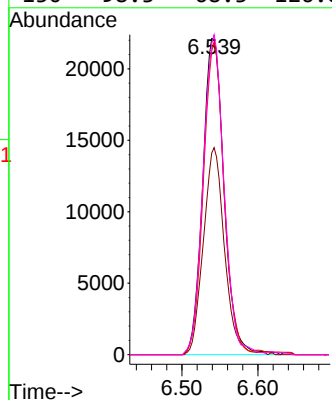
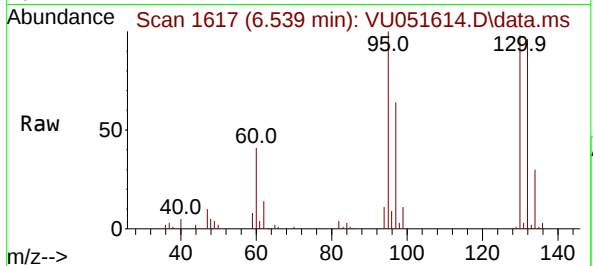


#34
Trichloroethene
Concen: 2.263 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

Instrument :
MSVOA_U
ClientSampleId :
DBWX9

Tgt Ion: 95 Resp: 43260

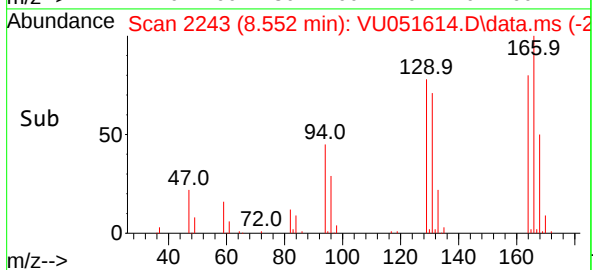
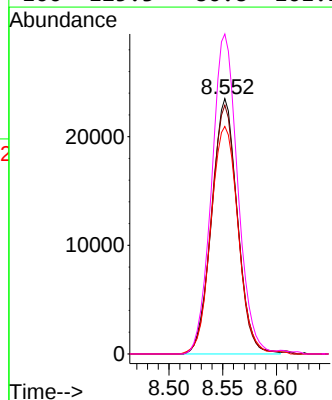
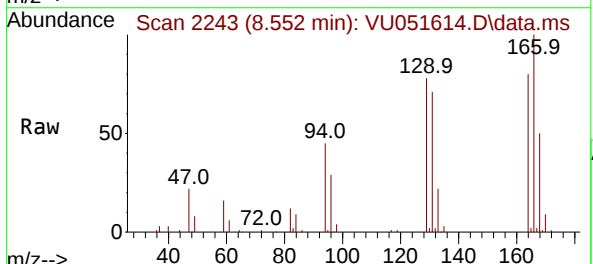
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.2	84.0
132	96.0	66.5	123.5
130	98.3	68.3	126.8

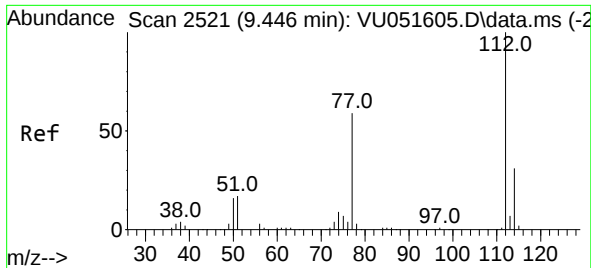


#47
Tetrachloroethene
Concen: 2.666 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

Tgt Ion: 164 Resp: 39019

Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.0	118.8
131	89.1	60.7	112.7
166	125.3	86.8	161.2

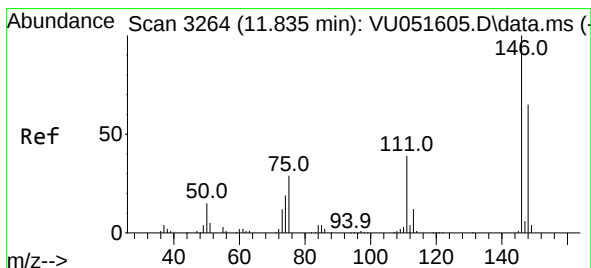
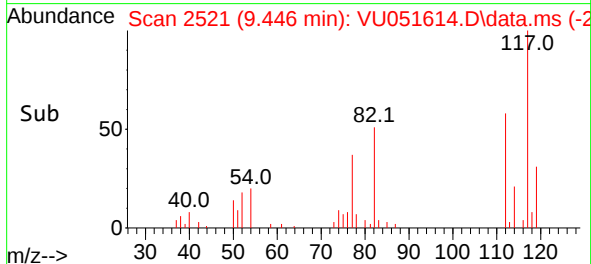
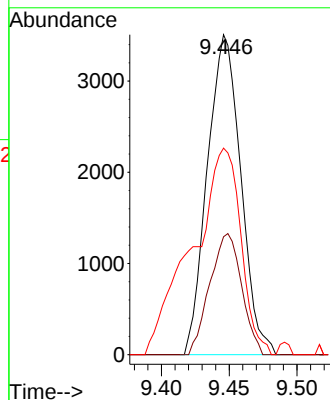
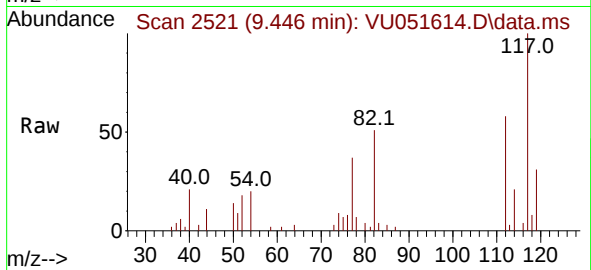




#51
Chlorobenzene
Concen: 0.118 ug/L
RT: 9.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

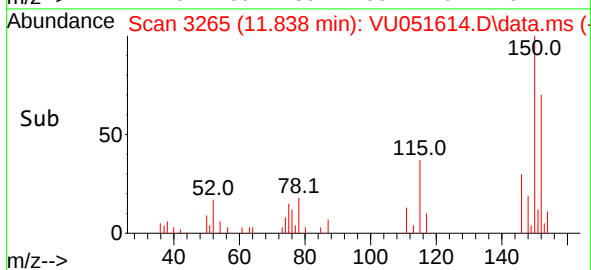
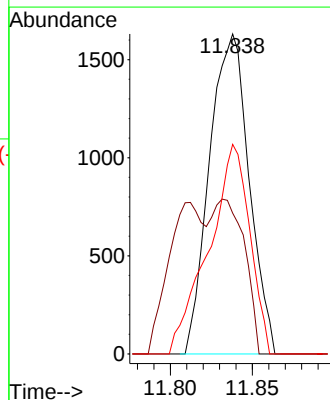
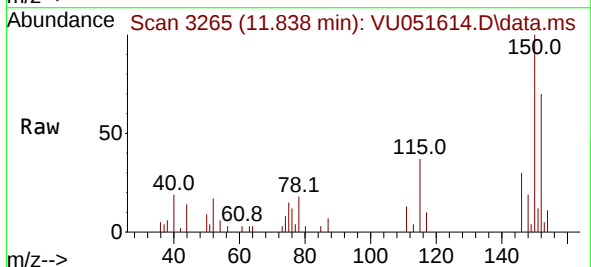
Instrument :
MSVOA_U
ClientSampleId :
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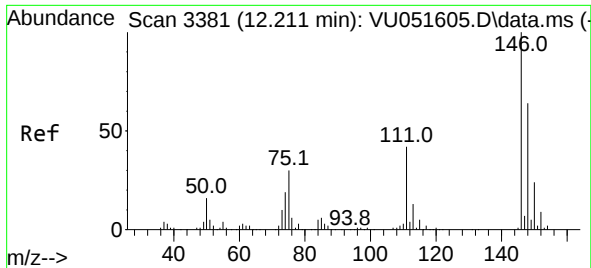
Tgt Ion:112 Resp: 6026
Ion Ratio Lower Upper
112 100
114 36.9 22.0 40.8
77 64.6 46.7 70.1



#65
1,4-Dichlorobenzene
Concen: 0.092 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051614.D
Acq: 31 Oct 2022 16:19

Tgt Ion:146 Resp: 2733
Ion Ratio Lower Upper
146 100
111 44.0 26.7 49.5
148 65.5 43.5 80.9





#67
 1,2-Dichlorobenzene
 Concen: 0.176 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051614.D
 Acq: 31 Oct 2022 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX9

Tgt Ion:146 Resp: 5104
 Ion Ratio Lower Upper
 146 100
 111 44.3 34.2 51.2
 148 67.5 50.1 75.1

