

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051622.D
 Acq On : 31 Oct 2022 19:41
 Operator : JC/MD
 Sample : N5353-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV1

Quant Time: Nov 01 01:29:46 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

11/01/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89738	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	52279	3.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.909	69	63981	3.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	19735	3.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.633	46	323833	57.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.520%
24) Chloroform-d	5.060	84	156157	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	87746	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.726	84	274739	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.690	67	106463	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	187967	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.179	79	29761	4.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.629	63	211101	48.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101973	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	74335	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%

Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	101223	3.697	ug/L	# 10
12) 1,1-Dichloroethene	2.578	96	98433	5.461	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	1843229	95.278	ug/L	99
22) cis-1,2-Dichloroethene	4.652	96	25273893m	1180.679	ug/L	
33) Benzene	5.774	78	207412	2.448	ug/L	100
34) Trichloroethene	6.536	95	19328526m	945.156	ug/L	
42) Toluene	7.967	91	23221	0.267	ug/L	93
47) Tetrachloroethene	8.552	164	35666	2.277	ug/L	94
51) Chlorobenzene	9.446	112	13108	0.239	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	5739	0.176	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	20778	0.654	ug/L	95

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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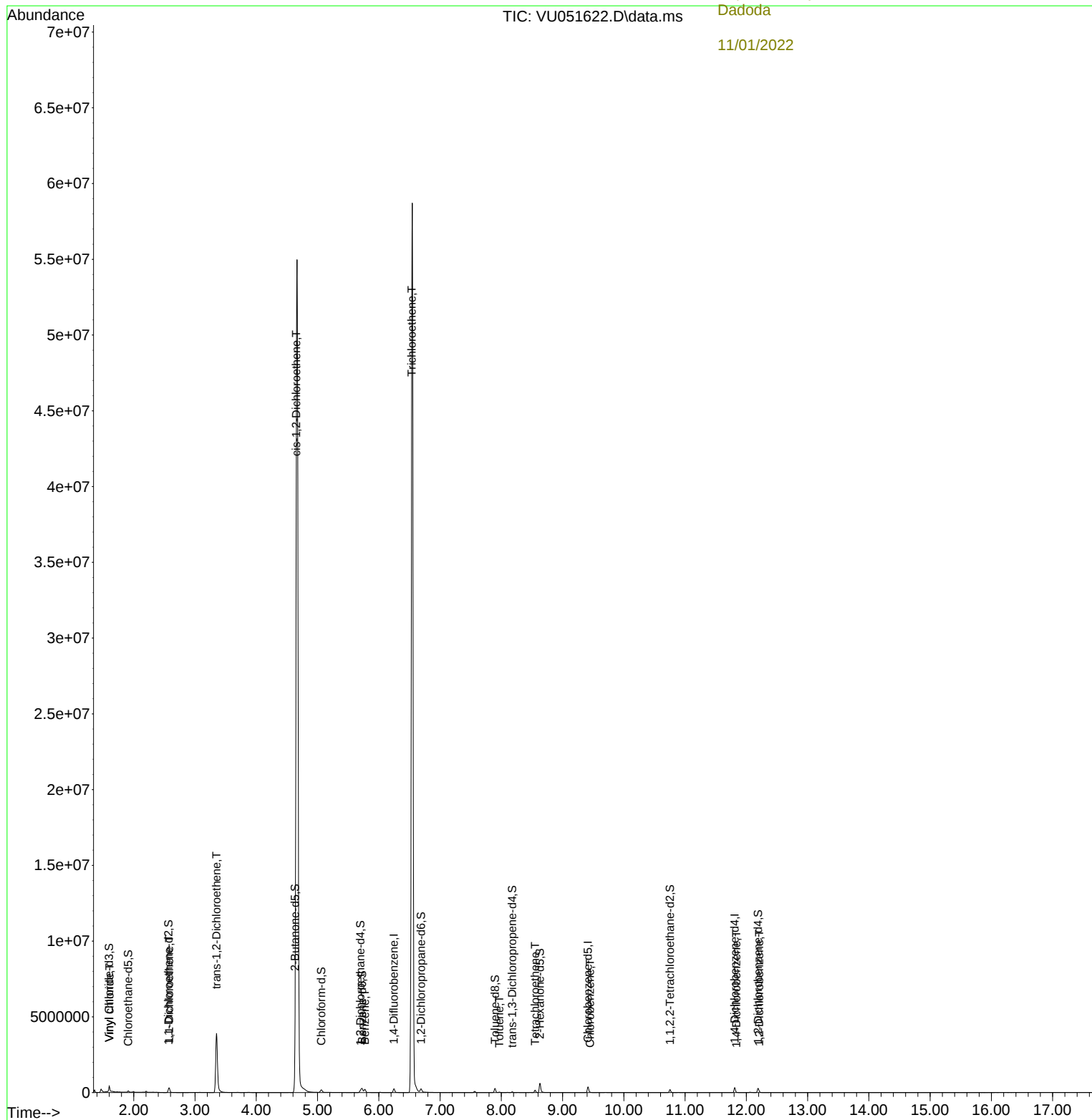
Quant Time: Nov 01 01:29:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
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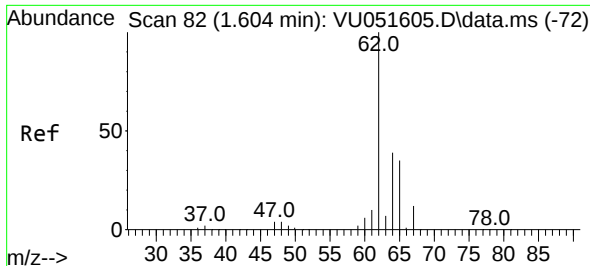
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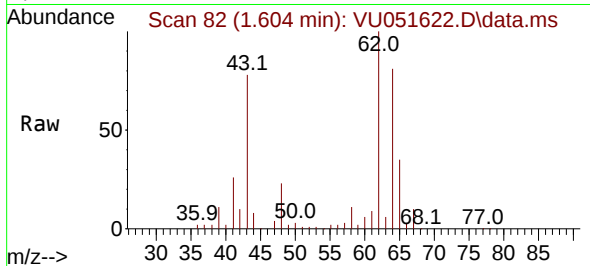
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#5
 Vinyl chloride
 Concen: 3.697 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051622.D
 Acq: 31 Oct 2022 19:41

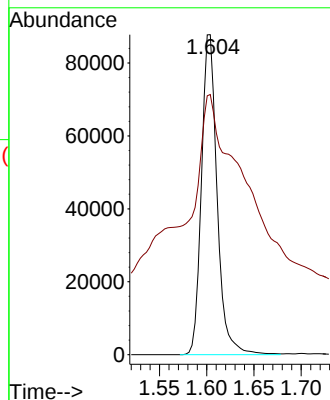
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV1



Tgt Ion: 62 Resp: 101223
 Ion Ratio Lower Upper
 62 100
 64 81.3 22.1 41.1

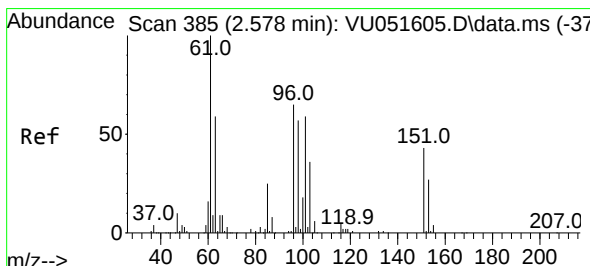
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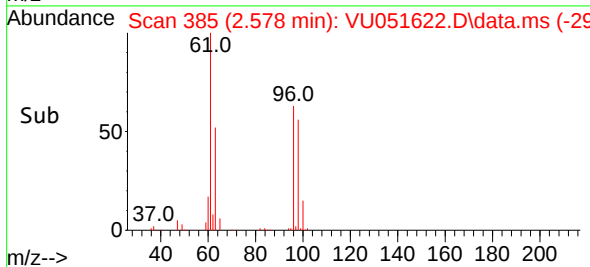
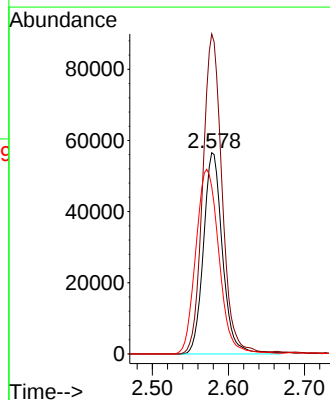
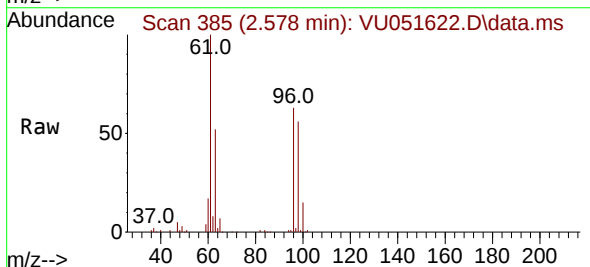
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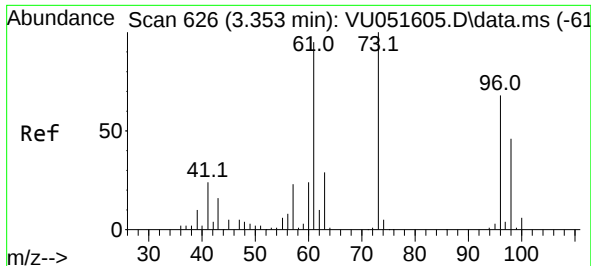
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#12
 1,1-Dichloroethene
 Concen: 5.461 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051622.D
 Acq: 31 Oct 2022 19:41

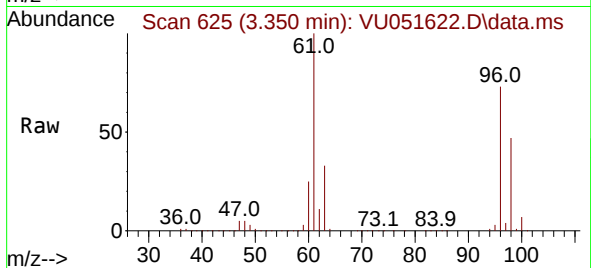
Tgt Ion: 96 Resp: 98433
 Ion Ratio Lower Upper
 96 100
 61 158.9 108.8 202.0
 63 83.1 64.9 120.5





#18
trans-1,2-Dichloroethene
Concen: 95.278 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBWV1



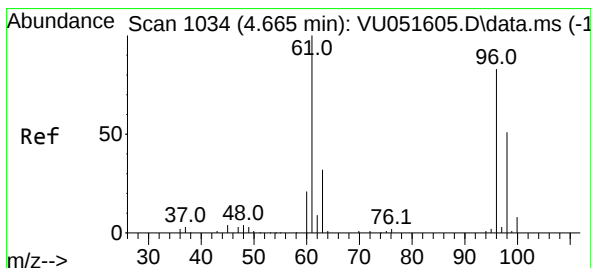
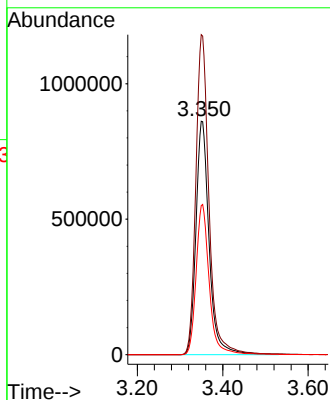
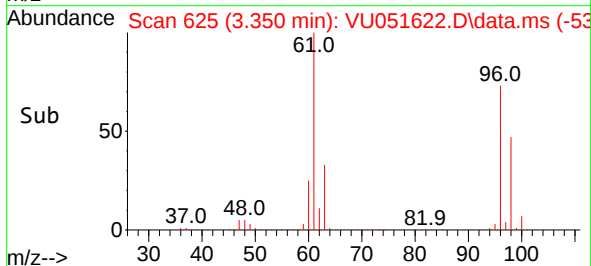
Tgt Ion: 96 Resp: 1843229
Ion Ratio Lower Upper
96 100
61 137.0 94.7 175.9
98 63.9 44.2 82.0

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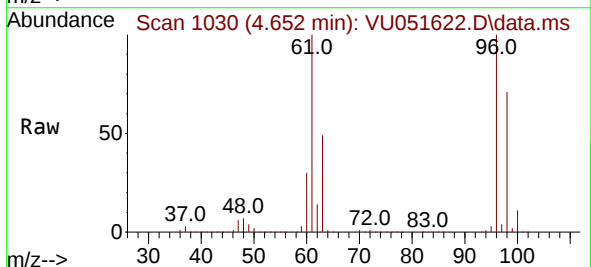
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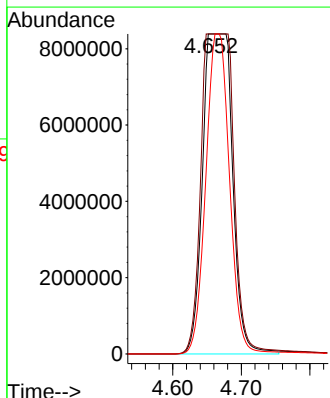
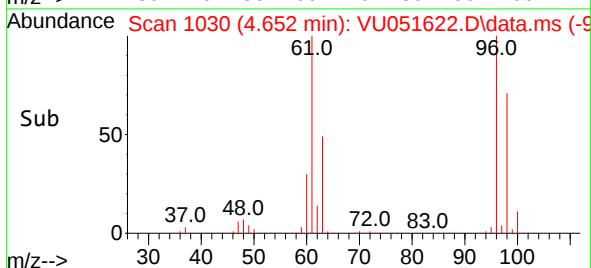
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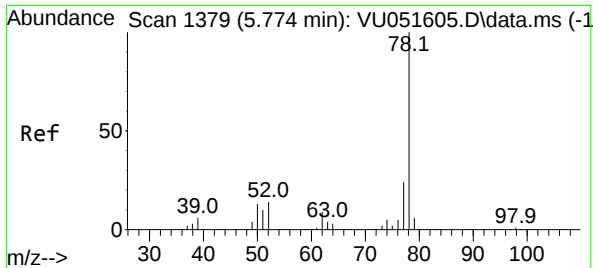


#22
cis-1,2-Dichloroethene
Concen: 1180.679 ug/L m
RT: 4.652 min Scan# 1030
Delta R.T. -0.013 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41



Tgt Ion: 96 Resp:25273893
Ion Ratio Lower Upper
96 100
61 100.0 86.4 160.4
98 71.3 44.2 82.2





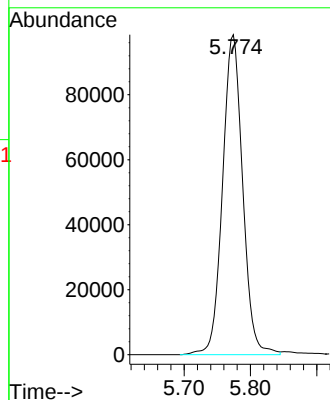
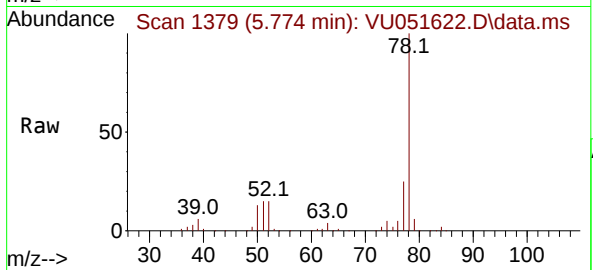
#33
Benzene
Concen: 2.448 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBWV1

Tgt Ion: 78 Resp: 20741

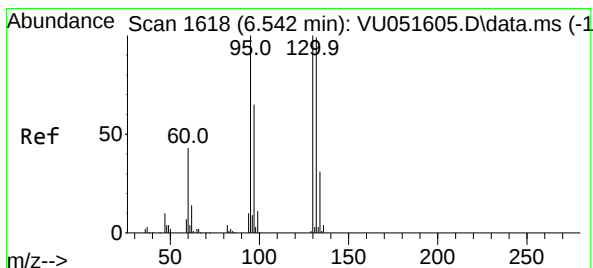
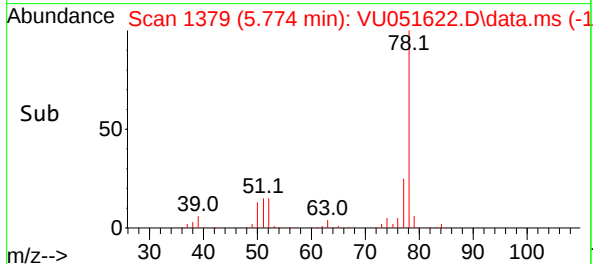
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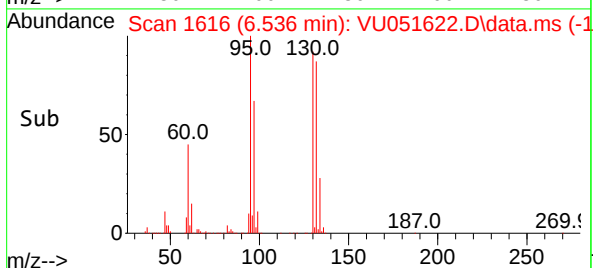
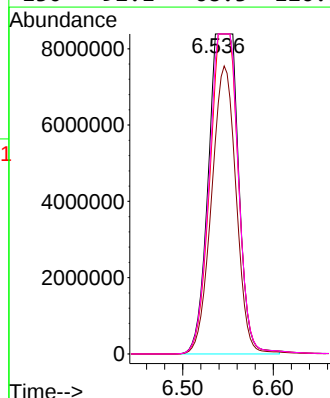
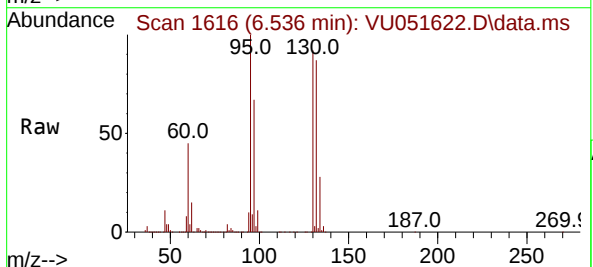
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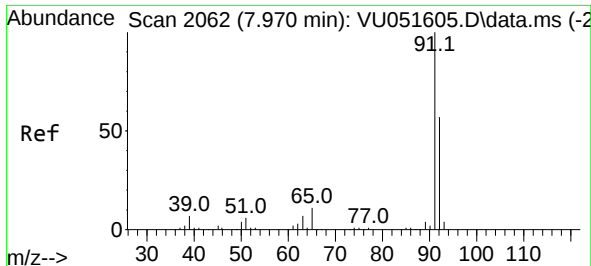


#34
Trichloroethene
Concen: 945.156 ug/L m
RT: 6.536 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Tgt Ion: 95 Resp:19328526

Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.2	84.0
132	86.6	66.5	123.5
130	92.1	68.3	126.8





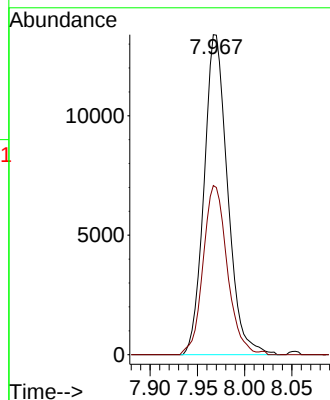
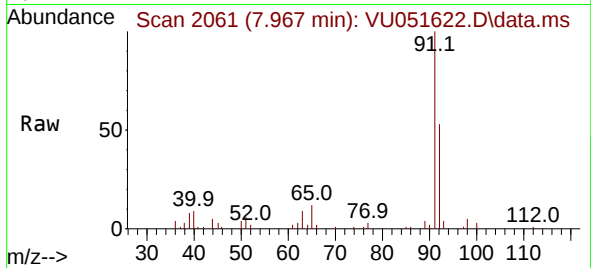
#42
Toluene
Concen: 0.267 ug/L
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBWV1

Tgt Ion: 91 Resp: 2322
Ion Ratio Lower Upper
91 100
92 52.9 40.5 75.3

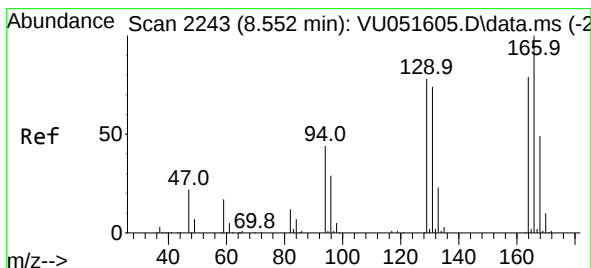
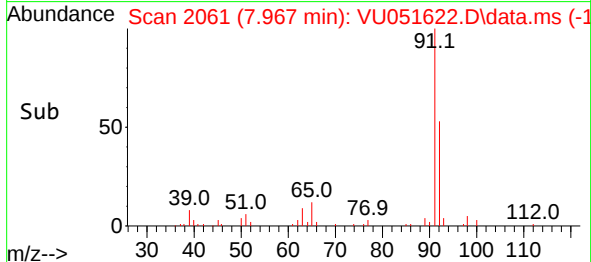
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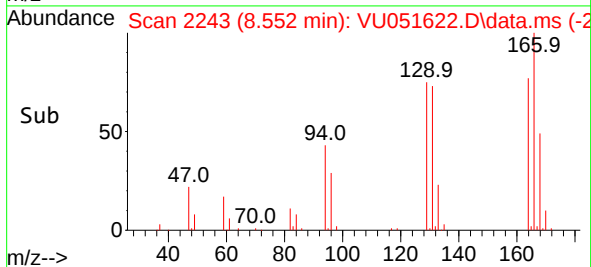
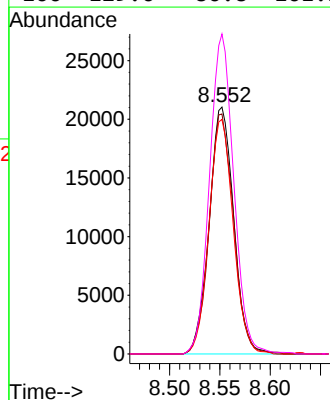
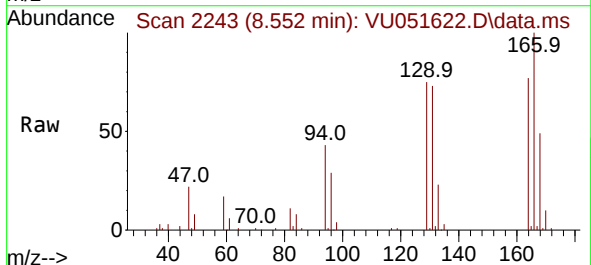
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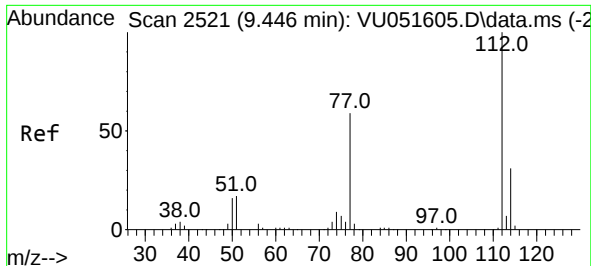
11/01/2022



#47
Tetrachloroethene
Concen: 2.277 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

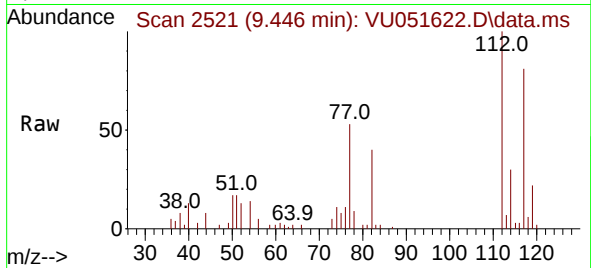
Tgt Ion:164 Resp: 35666
Ion Ratio Lower Upper
164 100
129 97.2 64.0 118.8
131 95.0 60.7 112.7
166 129.6 86.8 161.2





#51
Chlorobenzene
Concen: 0.239 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBWV1



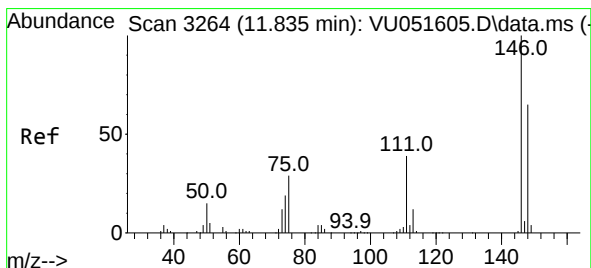
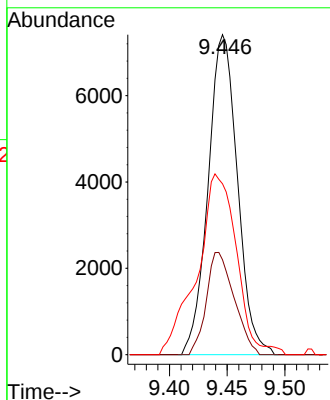
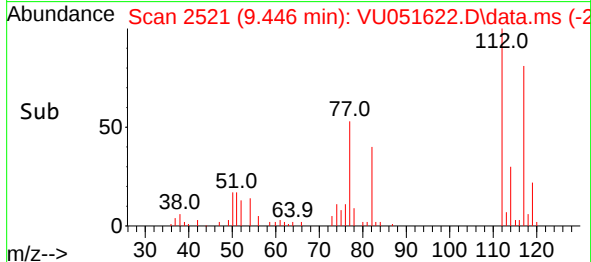
Tgt Ion:112 Resp: 13108
Ion Ratio Lower Upper
112 100
114 29.6 22.0 40.8
77 53.4 46.7 70.1

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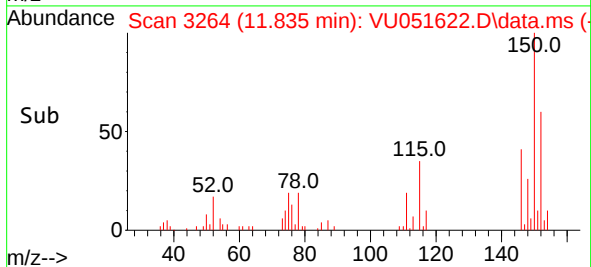
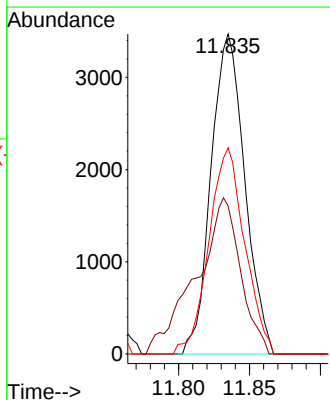
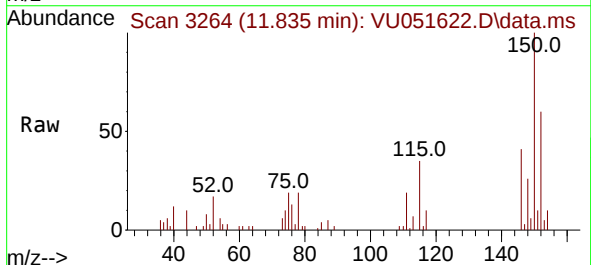
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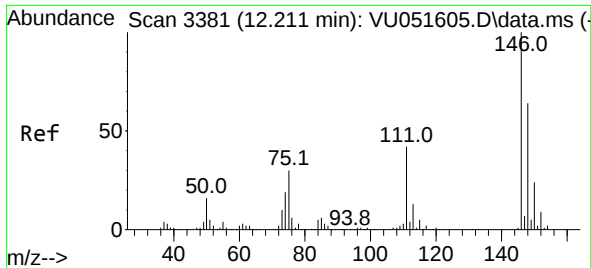
11/01/2022



#65
1,4-Dichlorobenzene
Concen: 0.176 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

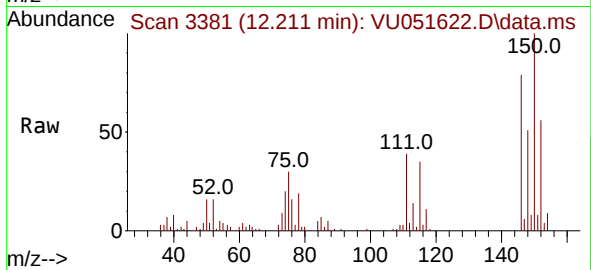
Tgt Ion:146 Resp: 5739
Ion Ratio Lower Upper
146 100
111 46.2 26.7 49.5
148 64.4 43.5 80.9





#67
 1,2-Dichlorobenzene
 Concen: 0.654 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU051622.D
 Acq: 31 Oct 2022 19:41

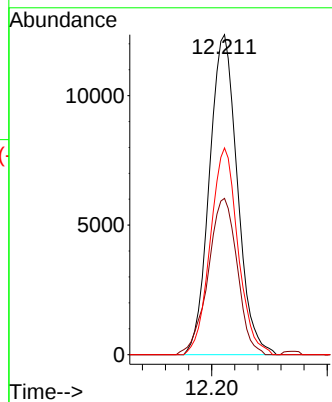
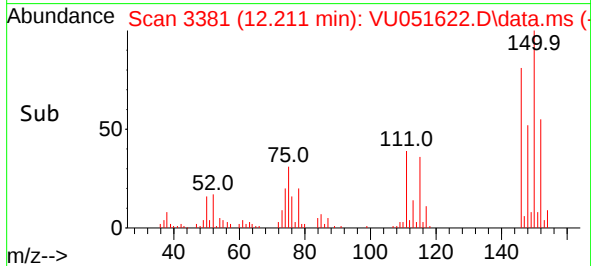
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVV1



Tgt Ion:146 Resp: 20778
 Ion Ratio Lower Upper
 146 100
 111 48.9 34.2 51.2
 148 64.6 50.1 75.1

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