

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022823.D
 Acq On : 15 Oct 2021 03:51
 Operator : SY/MD
 Sample : M4223-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC4

Manual Integrations
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Quant Time: Oct 16 03:57:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126293	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60998	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36937	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.568	69	33398	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.108	63	44077	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.892	46	82053	36.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.22%
24) Chloroform-d	4.352	84	74451	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.037	65	37572	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.053	84	144718	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.072	67	55643	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.320	98	147554	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	7.629	79	15810	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.088	63	89678	60.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.50%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39229	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	59438	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	8660	0.92	ug/L	90
13) Acetone	2.179	43	5443m	4.35	ug/L	
17) Methyl tert-butyl Ether	2.770	73	14126	0.78	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	1540	0.19	ug/L	96
19) 1,1-Dichloroethane	3.195	63	4157	0.28	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	187233	21.85	ug/L	96
34) Trichloroethene	5.915	95	52108	5.63	ug/L	97
42) Toluene	7.400	91	7748	0.22	ug/L	95
47) Tetrachloroethene	7.976	164	299887	40.09	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	4507	0.28	ug/L	87
65) 1,4-Dichlorobenzene	11.278	146	4126	0.25	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	4680	0.31	ug/L	93

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

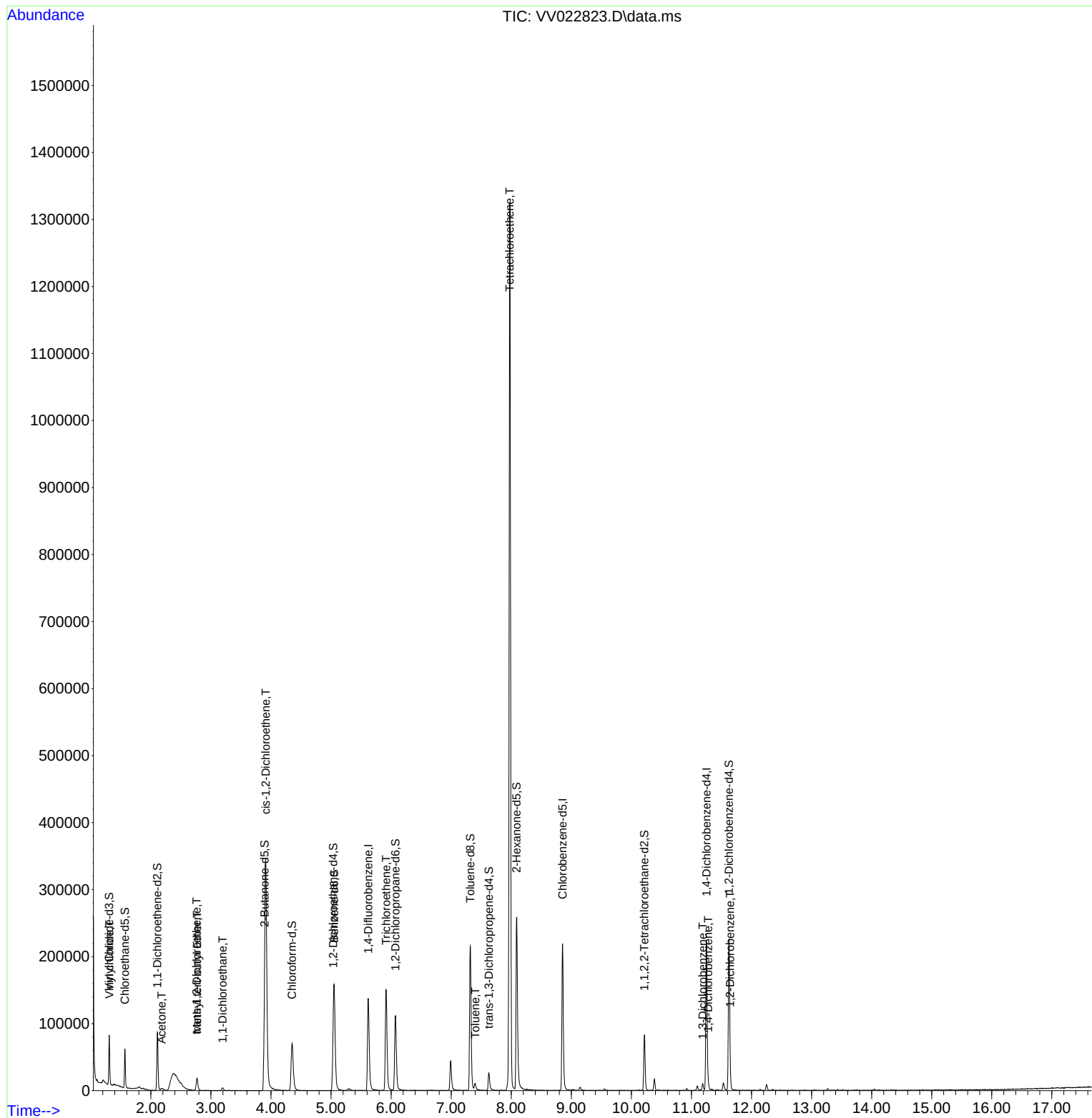
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Data File : VV022823.D
Acq On : 15 Oct 2021 03:51
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

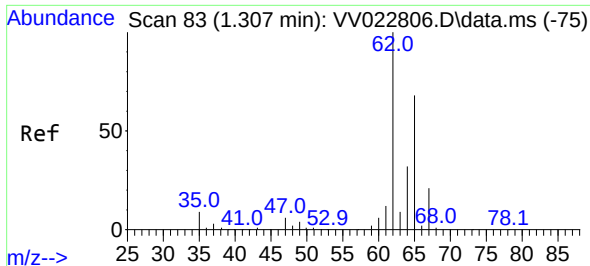
Instrument :
MSVOA_V
ClientSampleId :
BFGC4

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Quant Time: Oct 16 03:57:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 16 03:54:29 2021
Response via : Initial Calibration





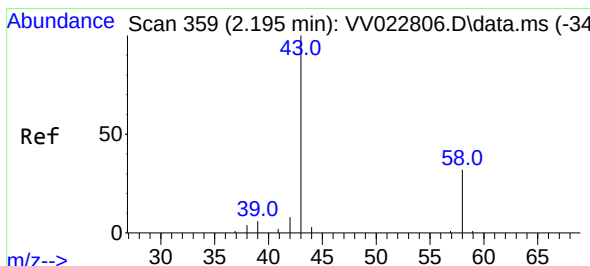
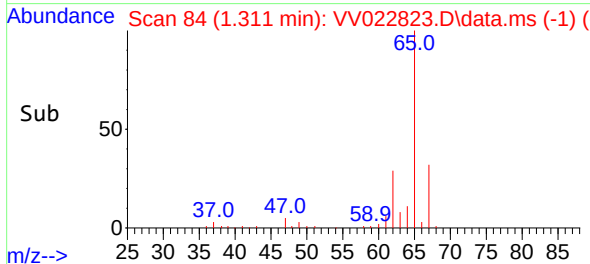
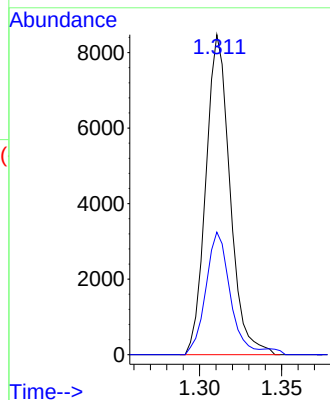
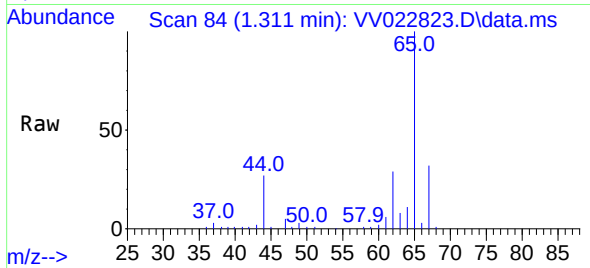
#5
 Vinyl chloride
 Concen: 0.92 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022823.D
 Acq: 15 Oct 2021 03:51

Instrument :
 MSVOA_V
 ClientSampled :
 BFGC4

Tgt Ion: 62 Resp: 8660
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.0 42.8

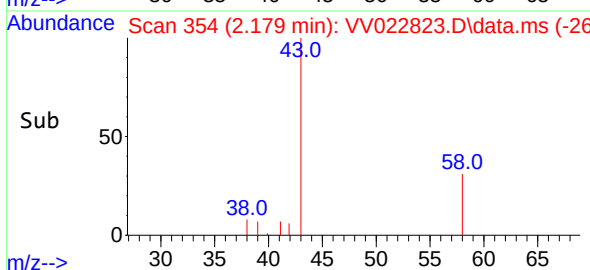
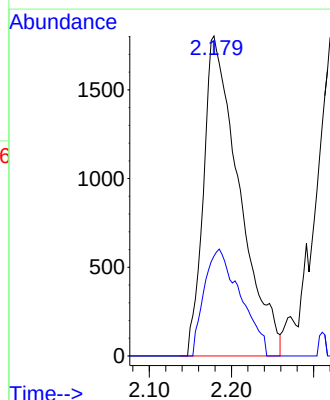
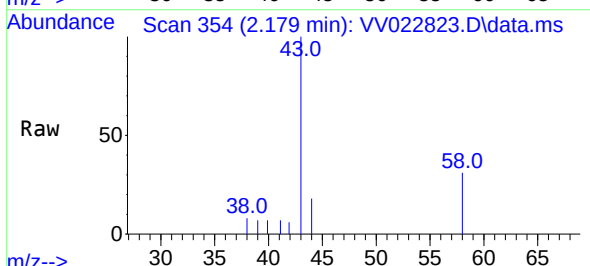
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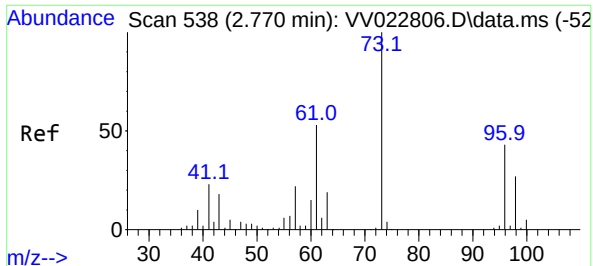
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#13
 Acetone
 Concen: 4.35 ug/L m
 RT: 2.179 min Scan# 354
 Delta R.T. -0.016 min
 Lab File: VV022823.D
 Acq: 15 Oct 2021 03:51

Tgt Ion: 43 Resp: 5443
 Ion Ratio Lower Upper
 43 100
 58 10.3 0.0 24.2





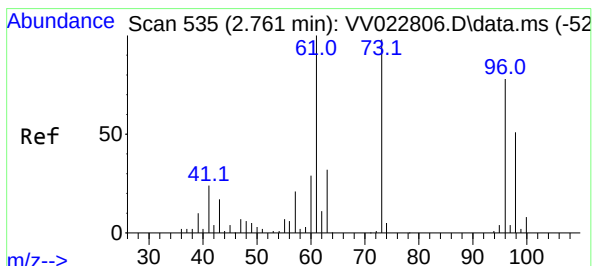
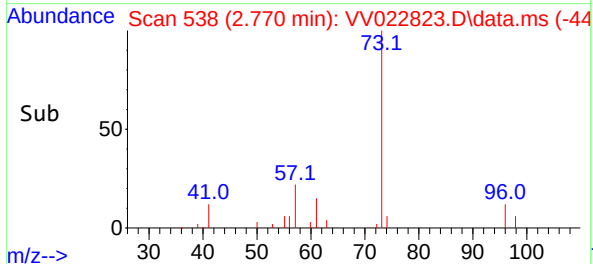
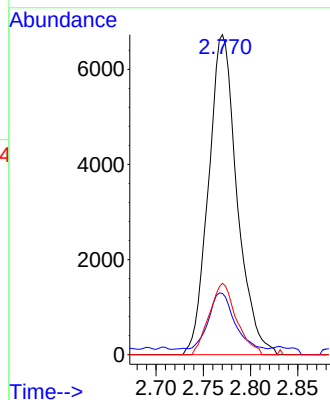
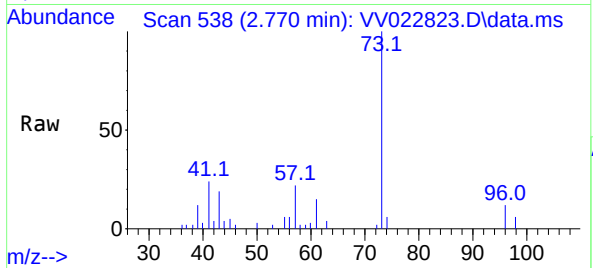
#17
Methyl tert-butyl Ether
Concen: 0.78 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	73	Resp:	14126
Ion	Ratio	Lower	Upper
73	100		
43	17.4	17.1	25.7
57	21.2	17.2	25.8

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MSVOA_V
ClientSampled :
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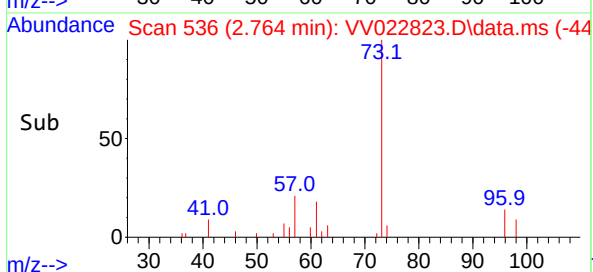
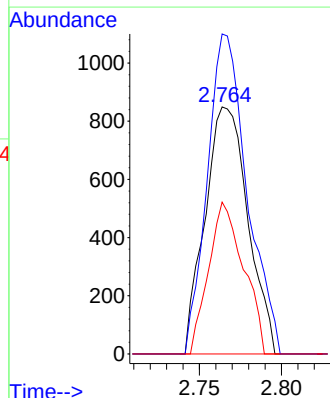
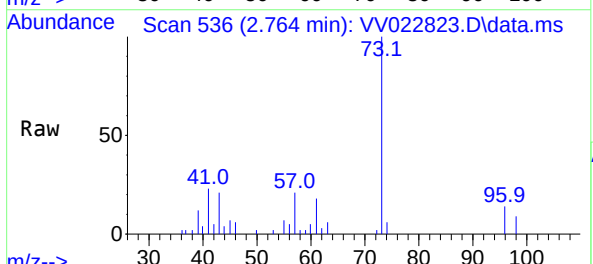
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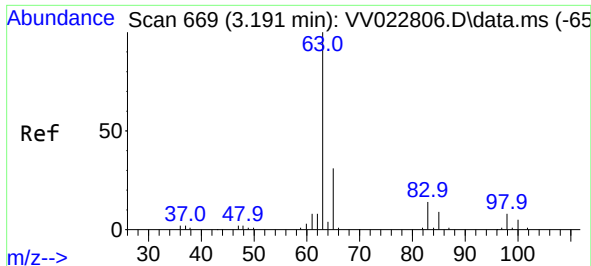
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#18
trans-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	96	Resp:	1540
Ion	Ratio	Lower	Upper
96	100		
61	129.6	94.5	175.5
98	61.5	44.2	82.0





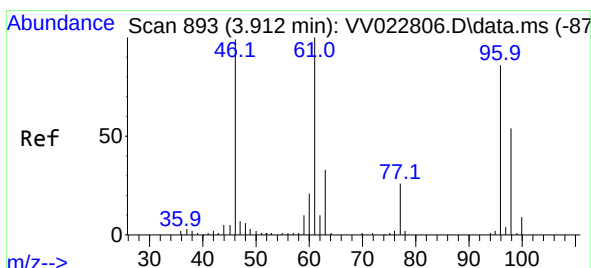
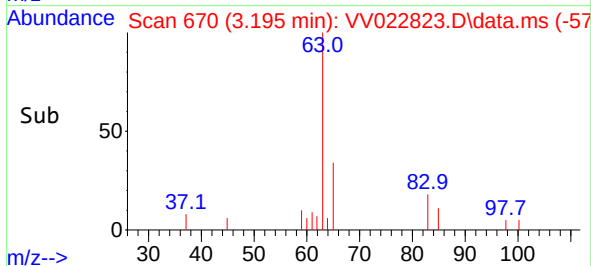
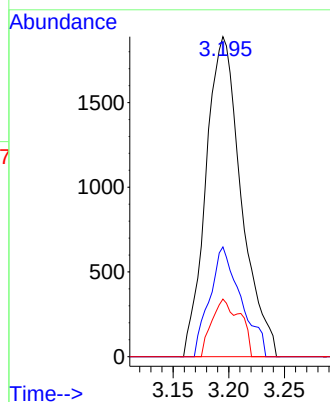
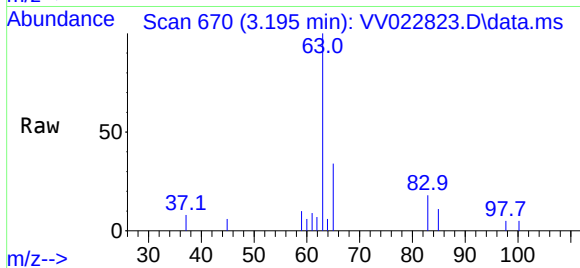
#19
1,1-Dichloroethane
Concen: 0.28 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	63	Resp:	4157
Ion Ratio	Lower	Upper	
63	100		
65	34.3	23.5	43.7
83	18.0	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :
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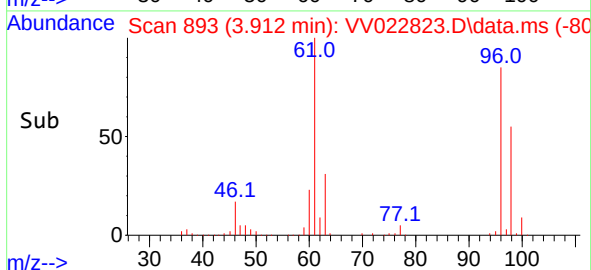
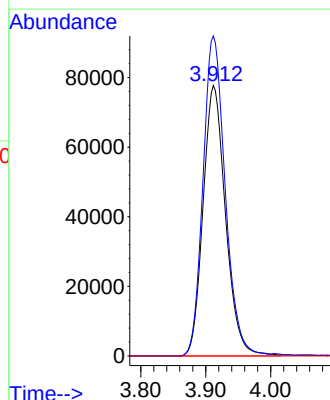
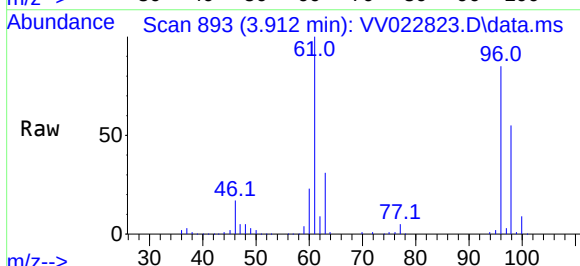
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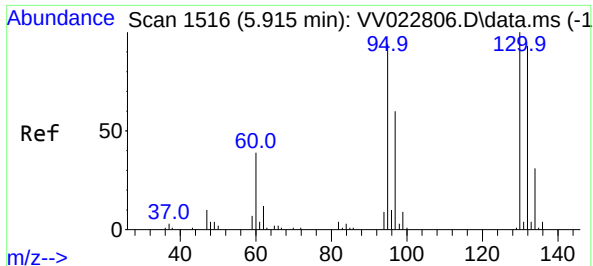
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#22
cis-1,2-Dichloroethene
Concen: 21.85 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	96	Resp:	187233
Ion Ratio	Lower	Upper	
96	100		
61	118.3	86.0	159.6
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 5.63 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022823.D

Acq: 15 Oct 2021 03:51

Tgt Ion: 95 Resp: 52108

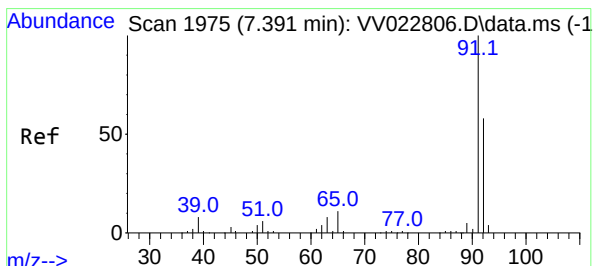
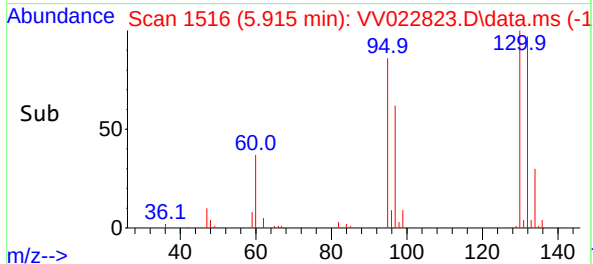
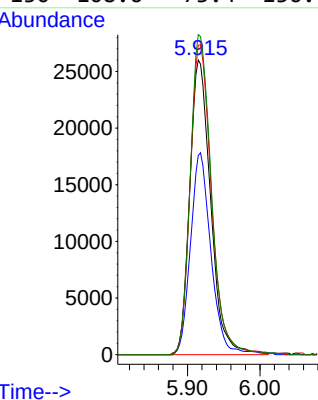
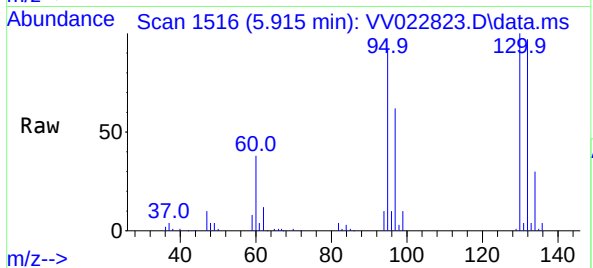
Ion Ratio Lower Upper

95 100

97 67.6 45.8 85.2

132 105.0 72.2 134.0

130 108.6 73.4 136.4



#42

Toluene

Concen: 0.22 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV022823.D

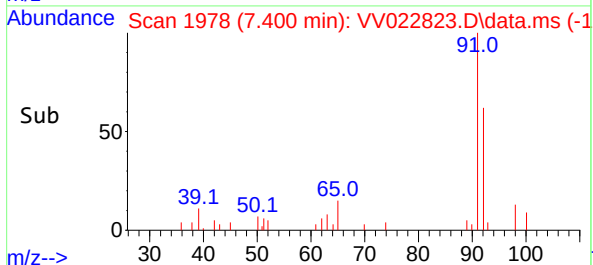
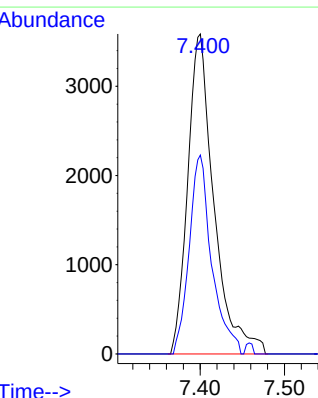
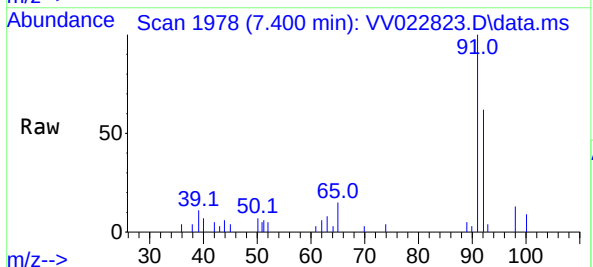
Acq: 15 Oct 2021 03:51

Tgt Ion: 91 Resp: 7748

Ion Ratio Lower Upper

91 100

92 62.2 40.7 75.7



Instrument :

MSVOA_V

ClientSampled :

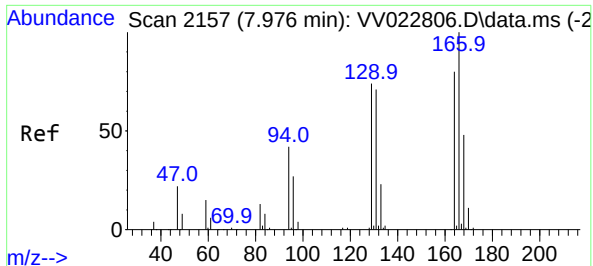
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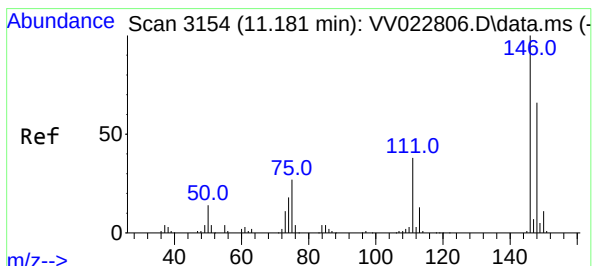
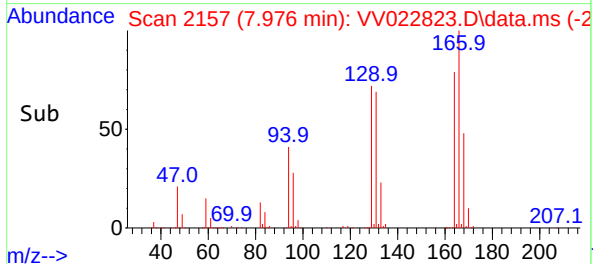
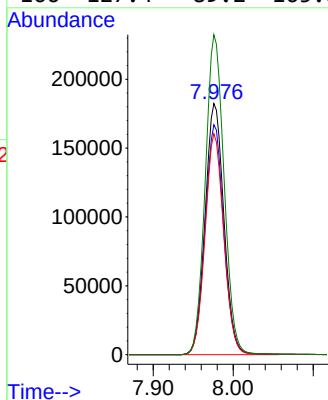
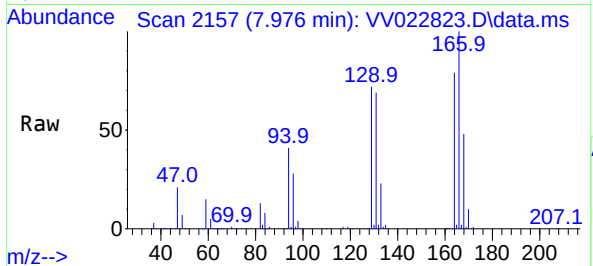
#47
Tetrachloroethene
Concen: 40.09 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	164	Resp:	299887
Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.0	120.6
131	87.9	62.2	115.4
166	127.4	89.2	165.8

Instrument :
MSVOA_V
ClientSampled :
BFGC4

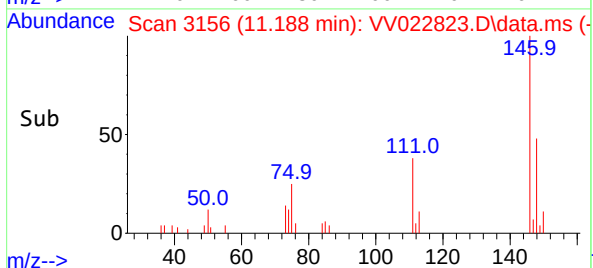
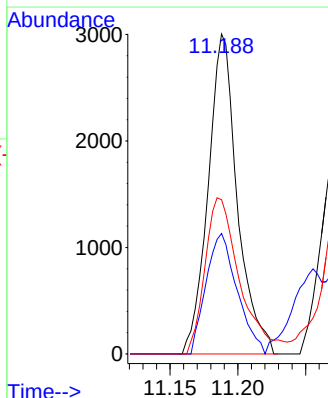
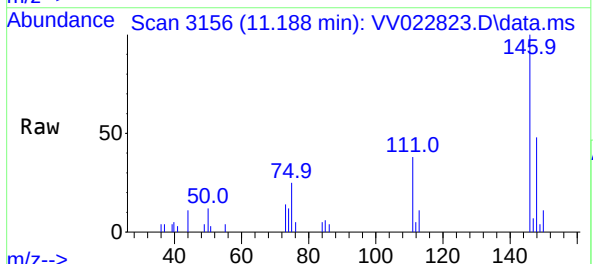
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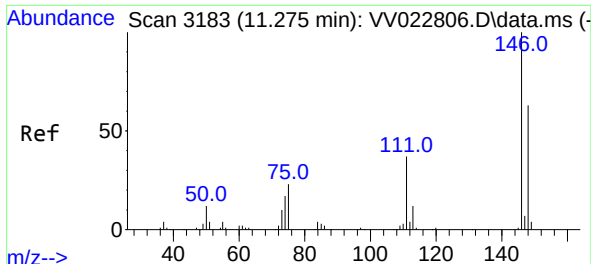
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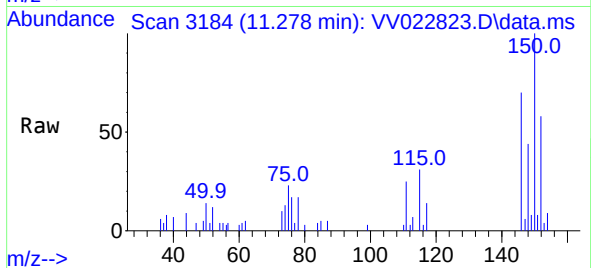
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1,3-Dichlorobenzene
Concen: 0.28 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51

Tgt Ion:	146	Resp:	4507
Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.7	49.5
148	48.2	45.1	83.9

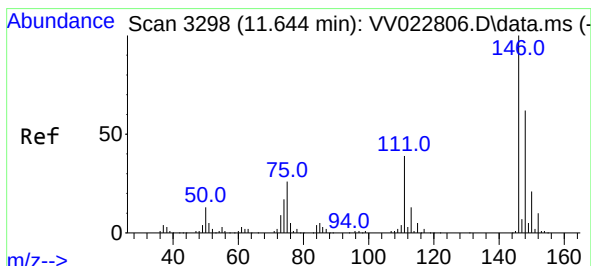
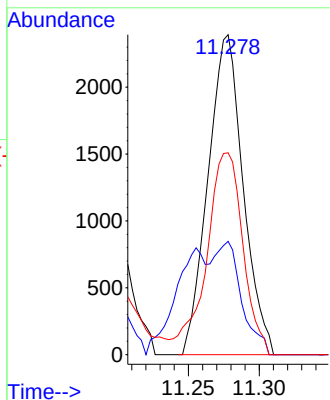
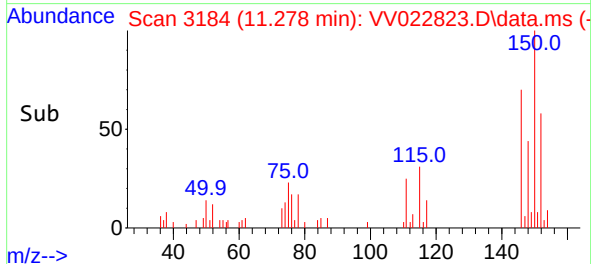




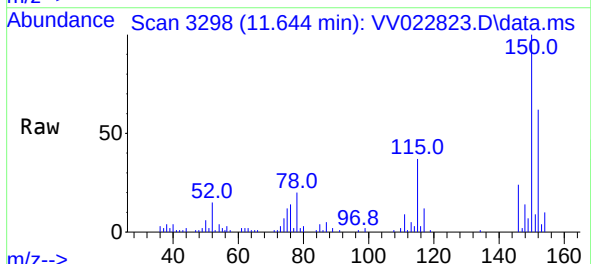
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1,4-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51



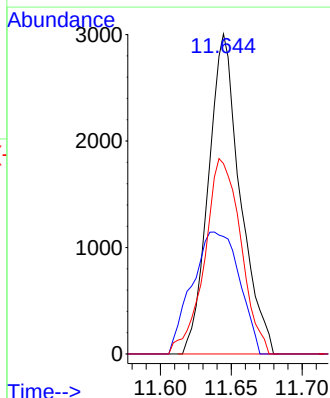
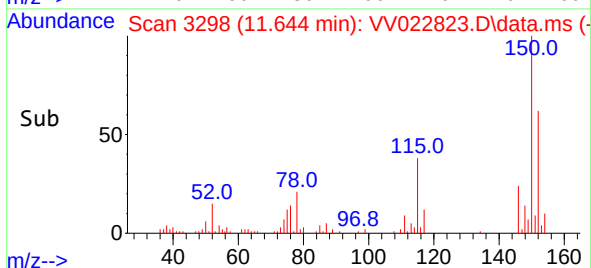
Tgt Ion:146 Resp: 4126
Ion Ratio Lower Upper
146 100
111 35.4 25.6 47.4
148 63.1 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 0.31 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022823.D
Acq: 15 Oct 2021 03:51



Tgt Ion:146 Resp: 4680
Ion Ratio Lower Upper
146 100
111 36.7 32.3 48.5
148 59.5 52.1 78.1



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