

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022894.D
 Acq On : 19 Oct 2021 02:41
 Operator : SY/MD
 Sample : M4137-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB0

Manual Integrations
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 10/19/2021 3:48:15 PM

Quant Time: Oct 19 04:09:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123981	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58326	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33526	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.568	69	29407	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.108	63	44289	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	3.886	46	117644	53.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.352	84	92399	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.037	65	43707	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.053	84	175662	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.072	67	57505	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.320	98	144577	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloroprop...	7.625	79	16512	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.088	63	93458	63.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42378	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	59840	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	5561	0.60	ug/L	85
13) Acetone	2.182	43	3046m	2.49	ug/L	
17) Methyl tert-butyl Ether	2.770	73	16901	0.95	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	4205	0.53	ug/L	95
19) 1,1-Dichloroethane	3.201	63	2210	0.15	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	229114	27.26	ug/L	99
34) Trichloroethene	5.915	95	76221	8.39	ug/L	99
42) Toluene	7.391	91	75318	2.22	ug/L	100
47) Tetrachloroethene	7.976	164	216940	29.54	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	3396	0.22	ug/L	92
65) 1,4-Dichlorobenzene	11.271	146	3919	0.25	ug/L	94
67) 1,2-Dichlorobenzene	11.648	146	3941	0.27	ug/L	95

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

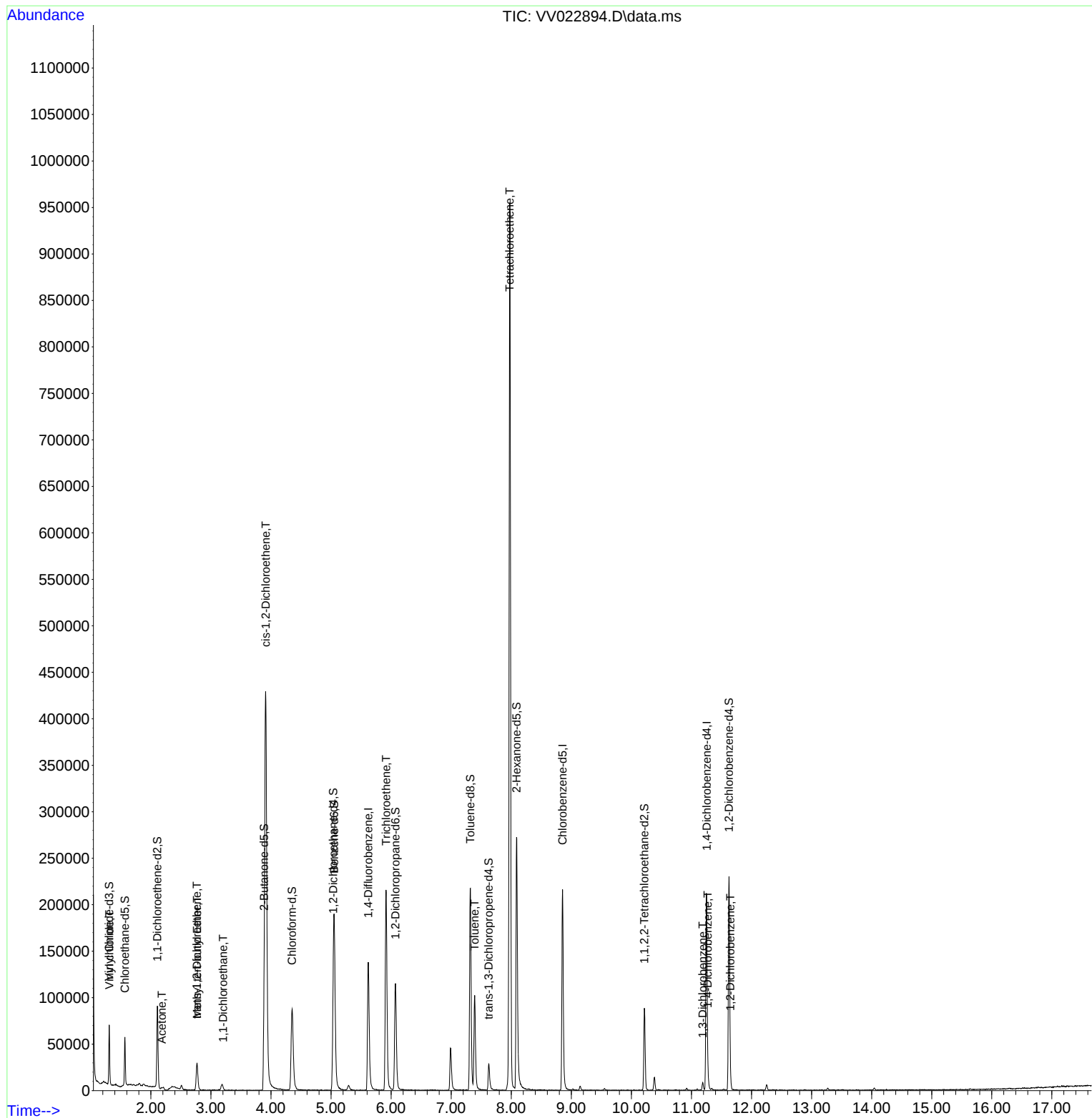
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Data File : VV022894.D
Acq On : 19 Oct 2021 02:41
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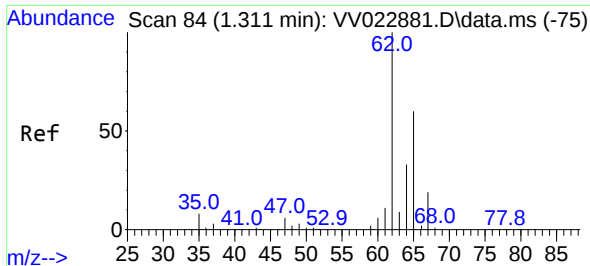
Instrument :
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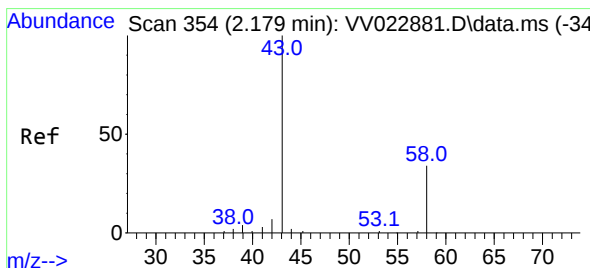
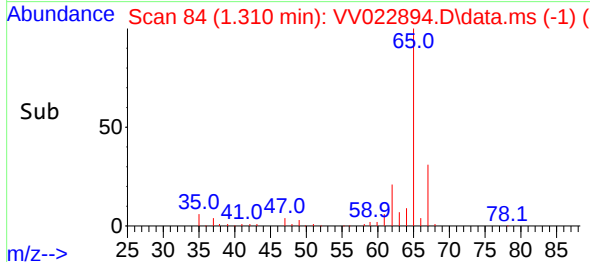
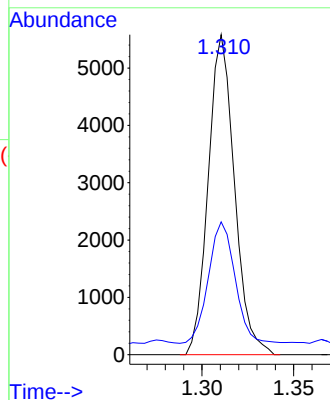
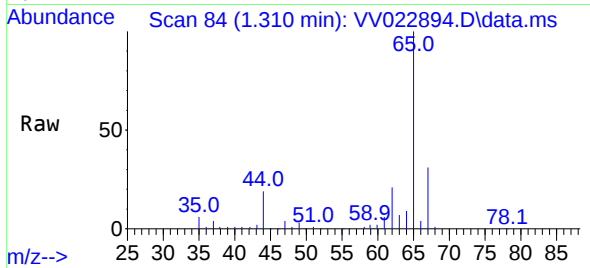
#5
 Vinyl chloride
 Concen: 0.60 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022894.D
 Acq: 19 Oct 2021 02:41

Tgt Ion: 62 Resp: 5561
 Ion Ratio Lower Upper
 62 100
 64 41.5 23.0 42.8

Instrument :
 MSVOA_V
 ClientSampled :
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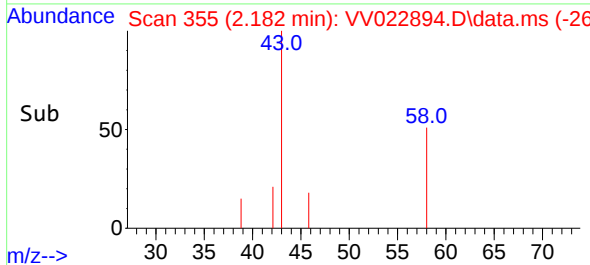
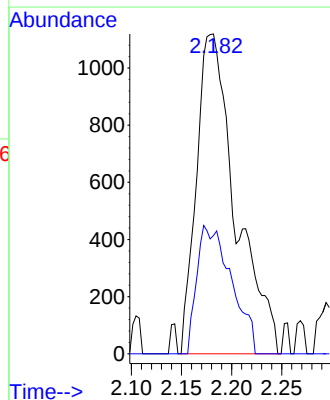
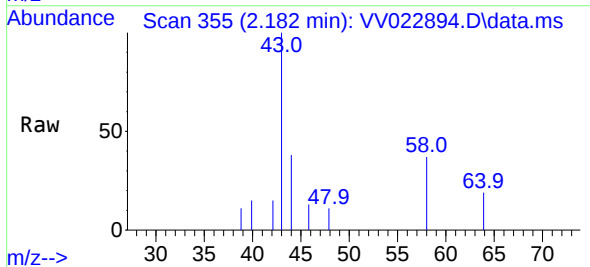
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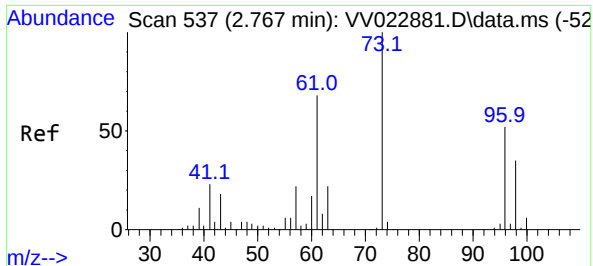
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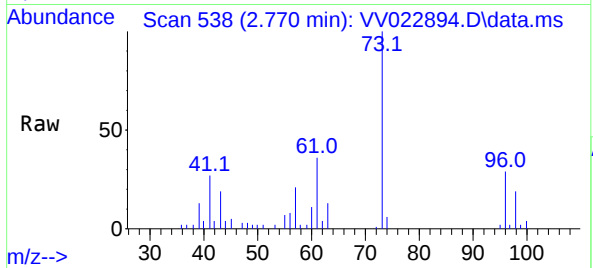
#13
 Acetone
 Concen: 2.49 ug/L m
 RT: 2.182 min Scan# 355
 Delta R.T. 0.003 min
 Lab File: VV022894.D
 Acq: 19 Oct 2021 02:41

Tgt Ion: 43 Resp: 3046
 Ion Ratio Lower Upper
 43 100
 58 1.3 0.0 24.2

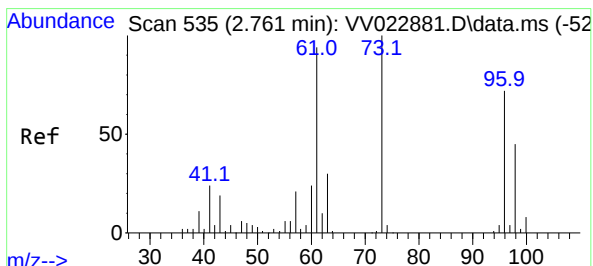
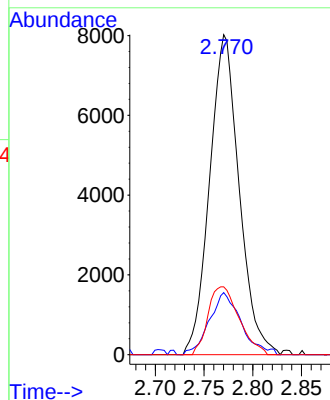
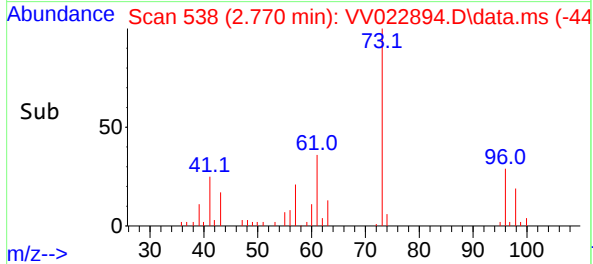




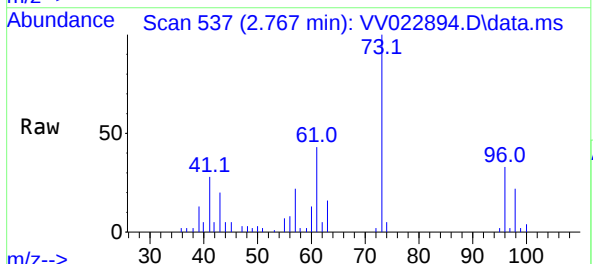
#17
Methyl tert-butyl Ether
Concen: 0.95 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41



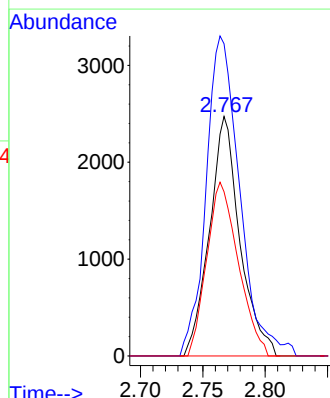
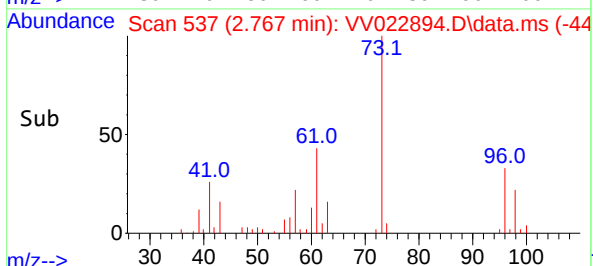
Tgt Ion: 73 Resp: 16901
Ion Ratio Lower Upper
73 100
43 20.9 17.1 25.7
57 22.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 0.53 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41



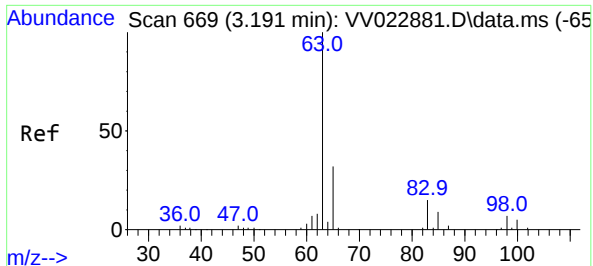
Tgt Ion: 96 Resp: 4205
Ion Ratio Lower Upper
96 100
61 130.3 94.5 175.5
98 68.5 44.2 82.0



Instrument :
MSVOA_V
ClientSampled :
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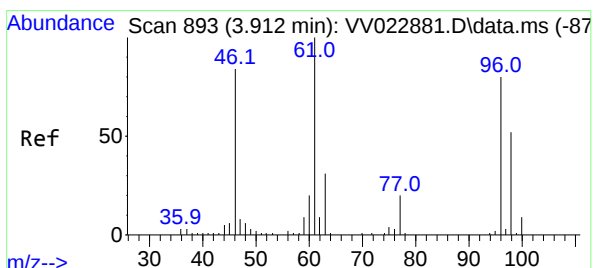
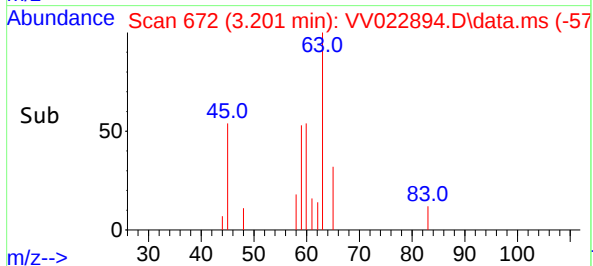
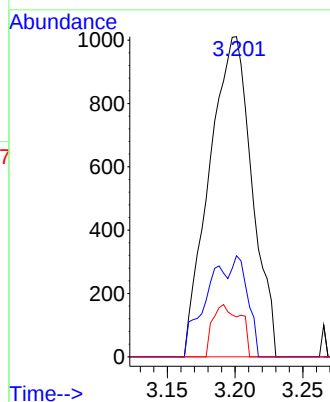
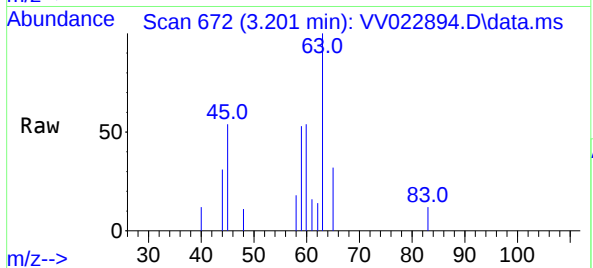
#19
1,1-Dichloroethane
Concen: 0.15 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.010 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:	63	Resp:	2210
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.5	43.7
83	12.5	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :
BFGBO

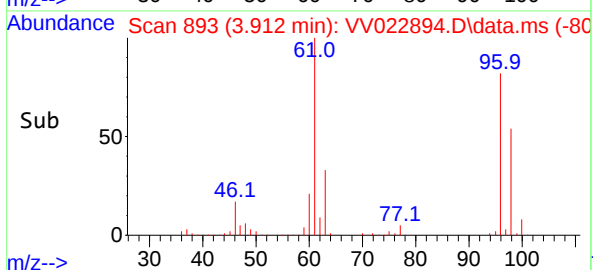
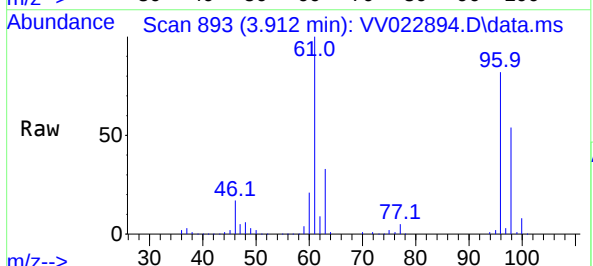
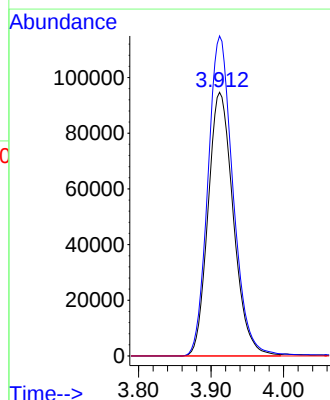
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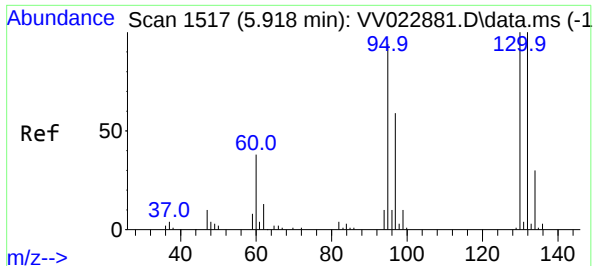
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#22
cis-1,2-Dichloroethene
Concen: 27.26 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:	96	Resp:	229114
Ion	Ratio	Lower	Upper
96	100		
61	121.4	86.0	159.6
68	0.0	0.0	0.0





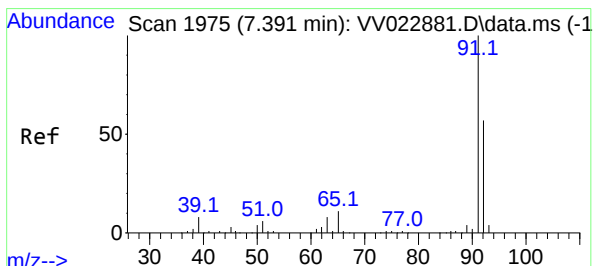
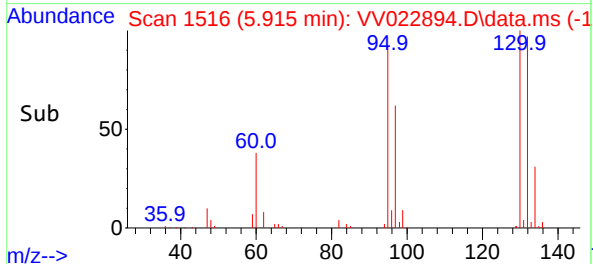
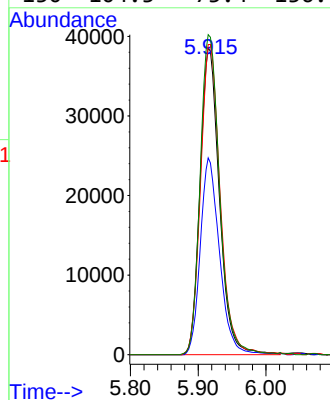
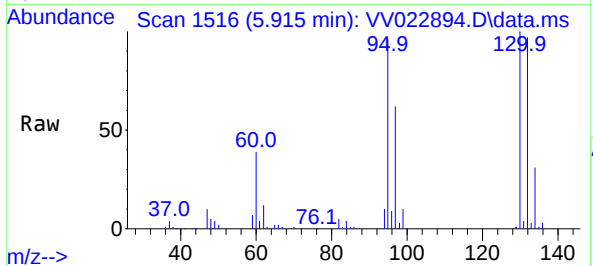
#34
Trichloroethene
Concen: 8.39 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion: 95 Resp: 76221
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.2
132 101.0 72.2 134.0
130 104.3 73.4 136.4

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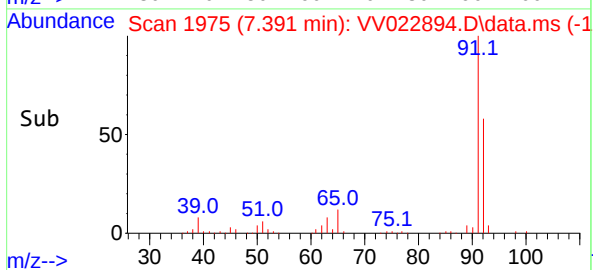
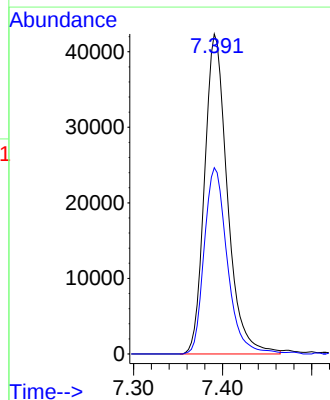
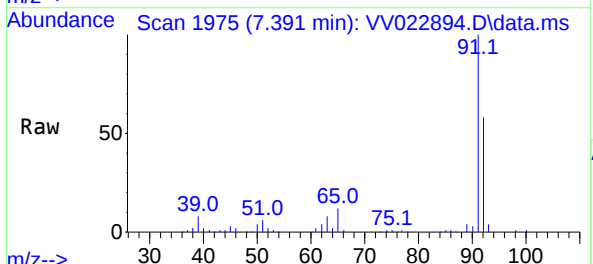
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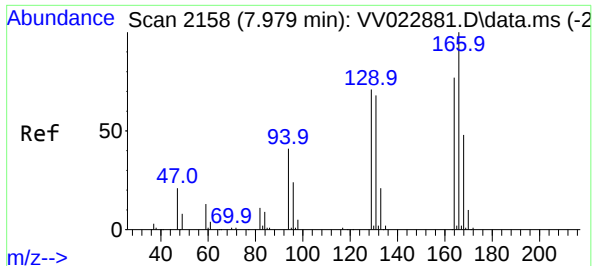
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#42
Toluene
Concen: 2.22 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion: 91 Resp: 75318
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7





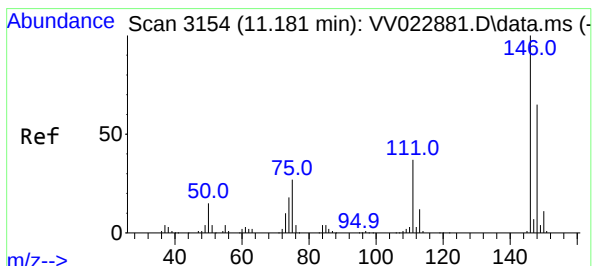
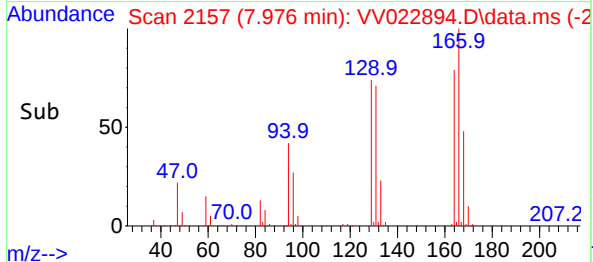
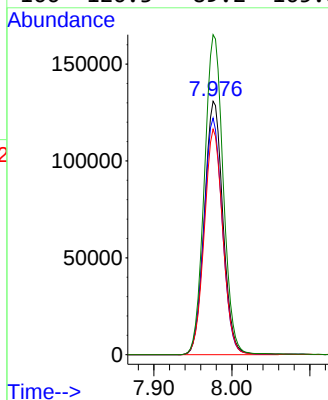
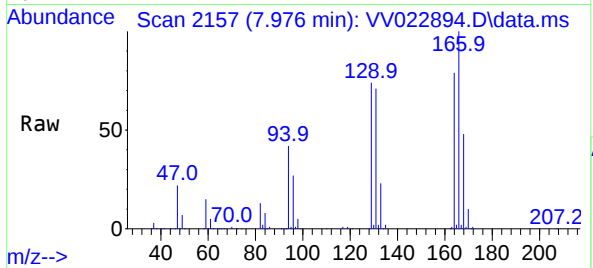
#47
Tetrachloroethene
Concen: 29.54 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:164 Resp: 216940
Ion Ratio Lower Upper
164 100
129 93.4 65.0 120.6
131 89.0 62.2 115.4
166 126.3 89.2 165.8

Instrument :
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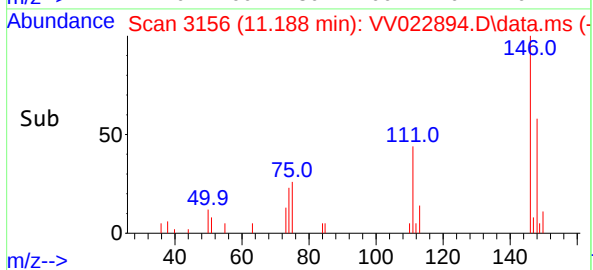
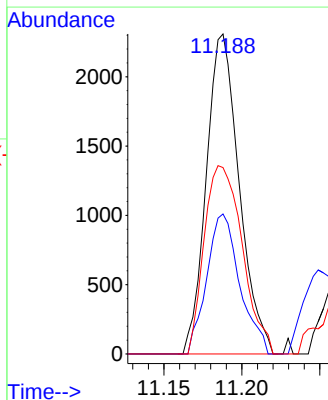
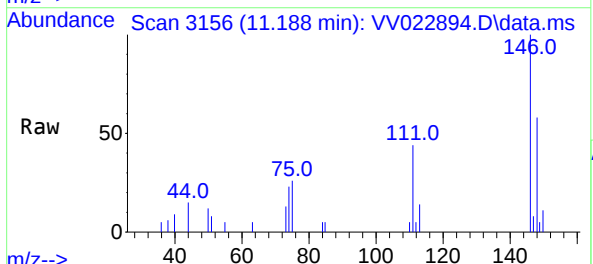
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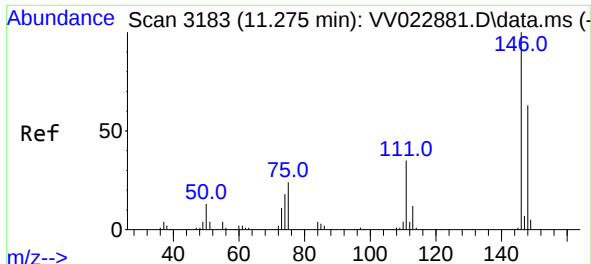
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#64
1,3-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:146 Resp: 3396
Ion Ratio Lower Upper
146 100
111 43.7 26.7 49.5
148 58.3 45.1 83.9





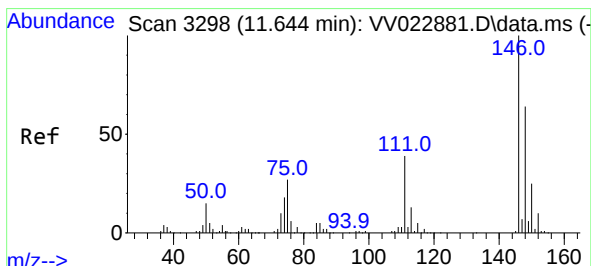
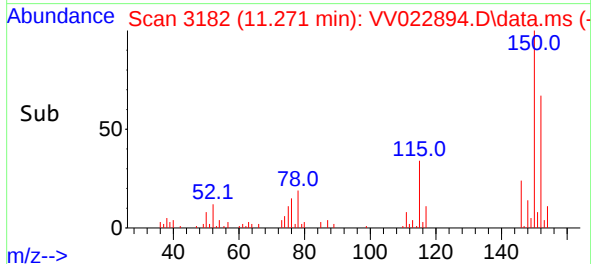
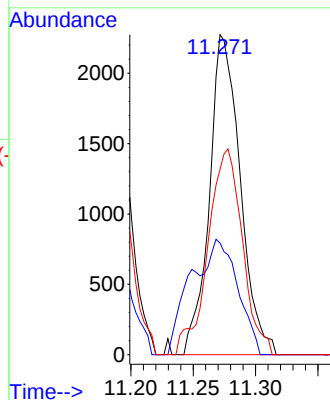
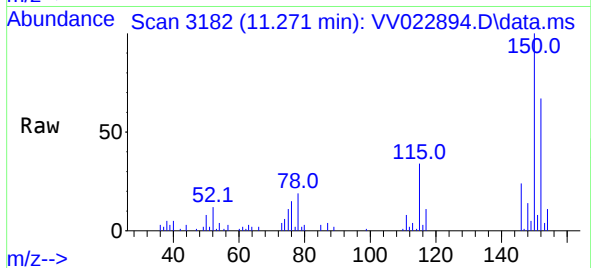
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1,4-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:	146	Resp:	3919
Ion	Ratio	Lower	Upper
146	100		
111	34.9	25.6	47.4
148	58.0	44.9	83.5

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#67
1,2-Dichlorobenzene
Concen: 0.27 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022894.D
Acq: 19 Oct 2021 02:41

Tgt Ion:	146	Resp:	3941
Ion	Ratio	Lower	Upper
146	100		
111	46.6	32.3	48.5
148	66.1	52.1	78.1

