

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020325.D
 Acq On : 06 Oct 2021 20:11
 Operator : SY/VA
 Sample : M4001-09
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 EW922

Manual Integrations
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Quant Time: Oct 07 01:55:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	204140	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	125717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	27010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	78362	27.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.400%
7) Chloroethane-d5	2.885	69	45392	37.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.920%
11) 1,1-Dichloroethene-d2	4.013	63	103723	17.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	7.086	46	13566	18.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.960%
24) Chloroform-d	7.653	84	169427	28.905	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.600%
26) 1,2-Dichloroethane-d4	8.311	65	98221	30.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.480%
32) Benzene-d6	8.281	84	283260	37.214	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.840%#
36) 1,2-Dichloropropane-d6	9.275	67	98636	40.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.400%#
41) Toluene-d8	10.323	98	180084	26.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.480%
43) trans-1,3-Dichloroprop...	10.579	79	21435	21.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.280%
47) 2-Hexanone-d5	10.927	63	8398	25.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.340%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57664	34.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.880%#
66) 1,2-Dichlorobenzene-d4	13.853	152	26066	27.560	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.240%
Target Compounds						Qvalue
13) Acetone	4.141	43	2511m	3.417	ug/L	
14) Carbon disulfide	4.385	76	7592	0.813	ug/L	97
15) Methyl Acetate	4.684	43	1749	1.302	ug/L	# 68
16) Methylene chloride	4.922	84	8662	2.376	ug/L	95
19) 1,1-Dichloroethane	6.226	63	2690	0.455	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	4908	1.614	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	14835	4.920	ug/L	98
34) Trichloroethene	9.092	95	46971	21.840	ug/L	99
42) Toluene	10.390	91	8697	0.989	ug/L	98
46) Tetrachloroethene	10.860	164	2564	1.620	ug/L	91
53) m,p-Xylene	11.841	106	1197	0.338	ug/L	85
62) 1,3,5-Trimethylbenzene	12.939	105	1113	0.343	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1780	0.549	ug/L	97

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

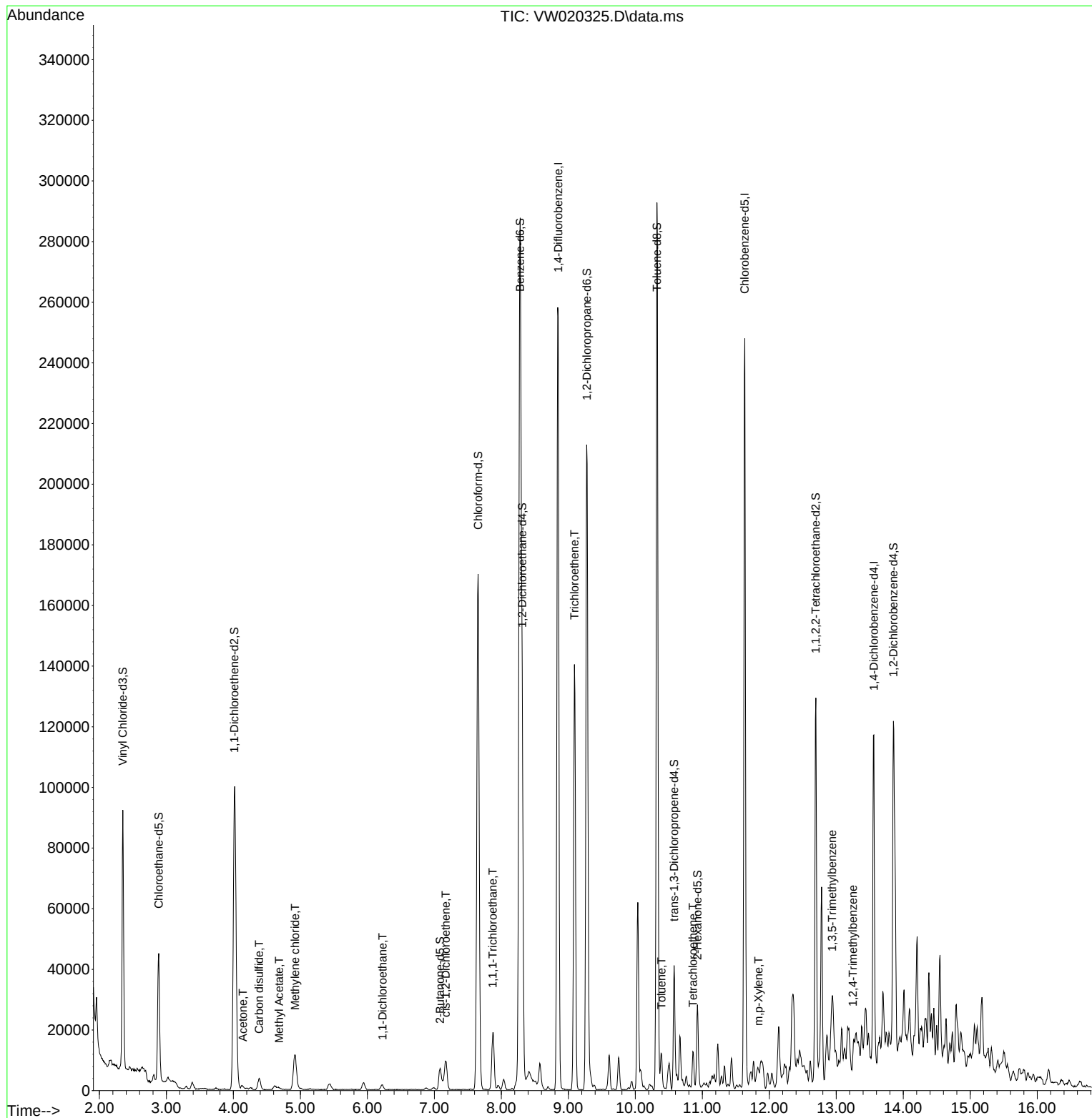
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Data File : VW020325.D
Acq On : 06 Oct 2021 20:11
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

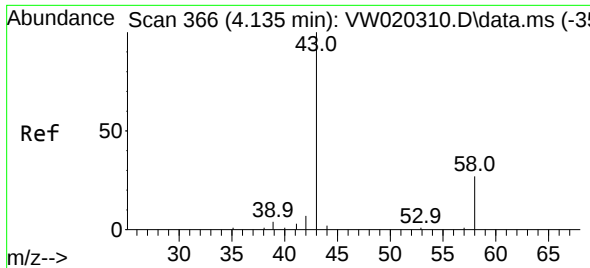
Instrument :
MSVOA_W
ClientSampleId :
EW922

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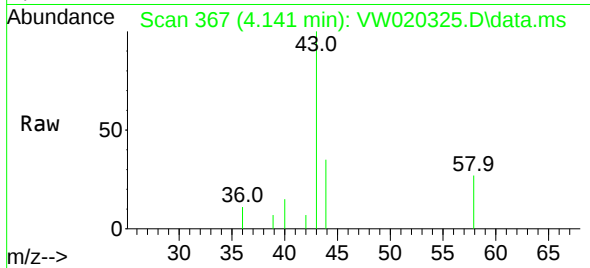
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Quant Time: Oct 07 01:55:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration

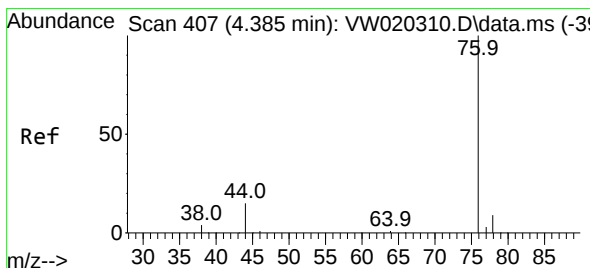
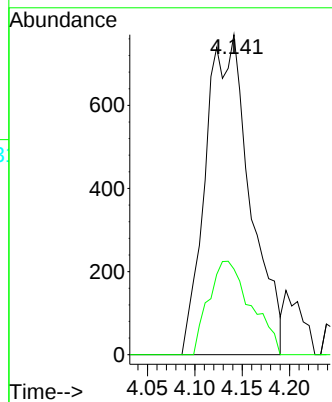
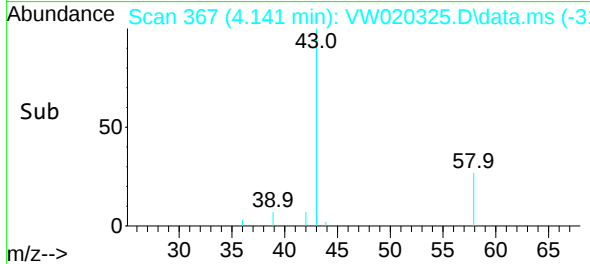




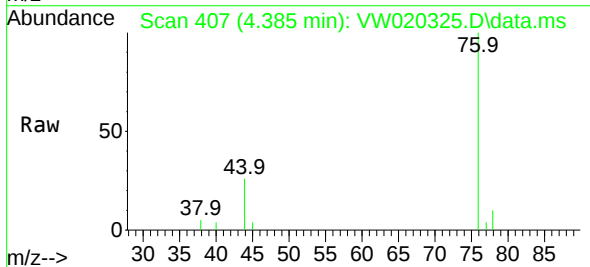
#13
Acetone
Concen: 3.417 ug/L m
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11



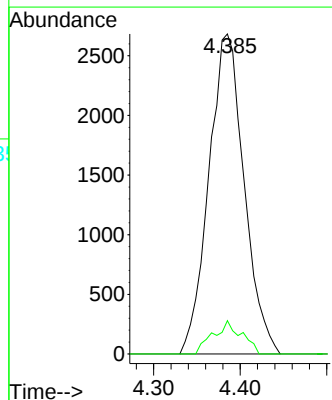
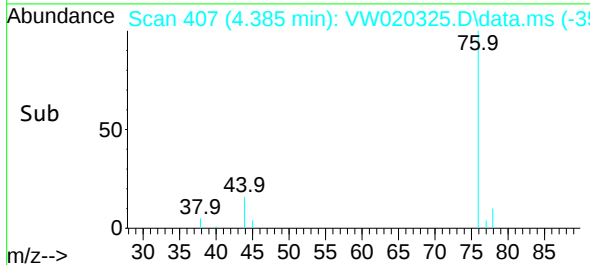
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 27.8 0.0 58.4



#14
Carbon disulfide
Concen: 0.813 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11



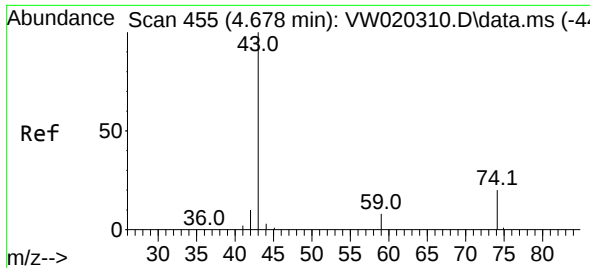
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Ion Ratio Lower Upper
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78 10.4 7.4 11.2



Instrument :
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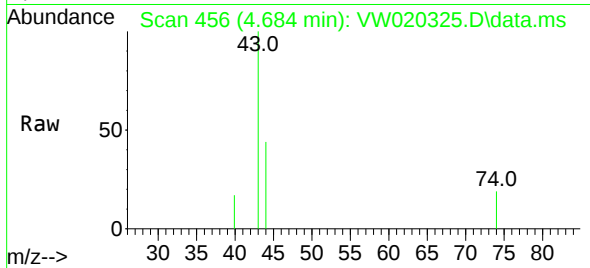
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#15
Methyl Acetate
Concen: 1.302 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11

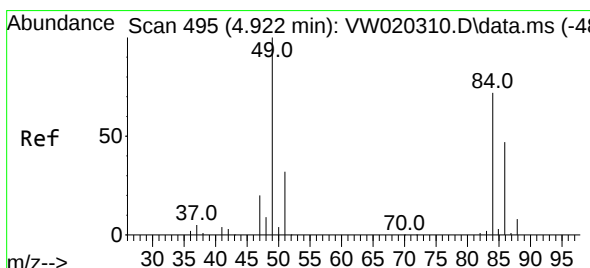
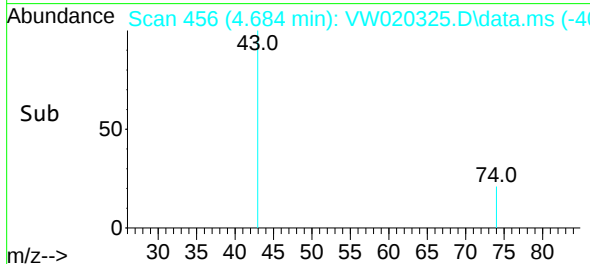
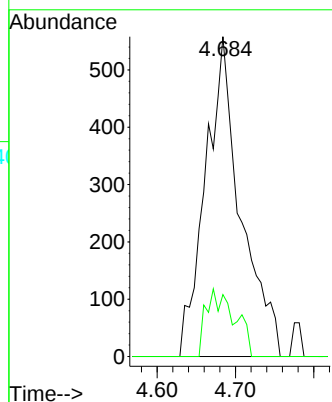
Instrument :
MSVOA_W
ClientSampled :
EW922



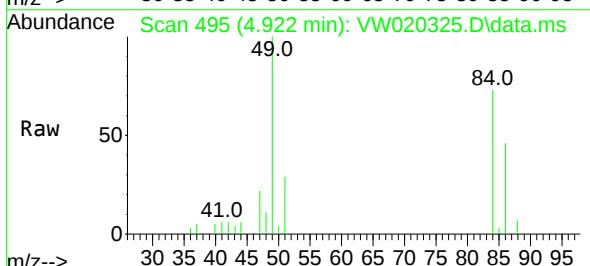
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
74 5.4 16.1 24.1#

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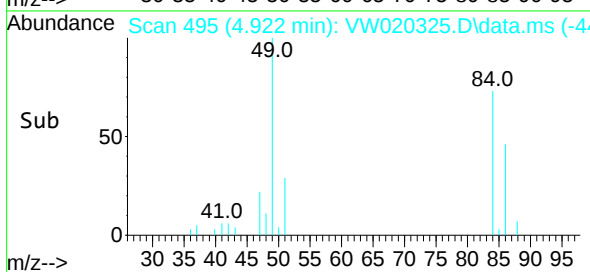
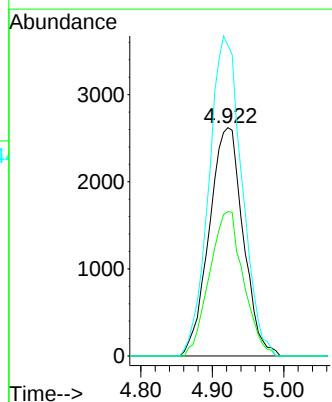
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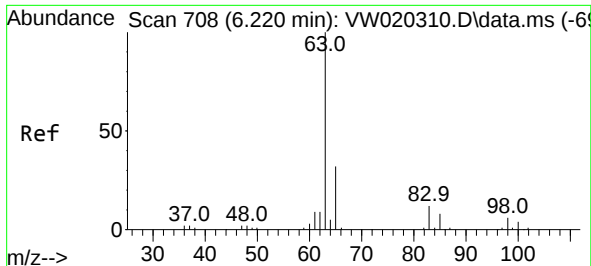


#16
Methylene chloride
Concen: 2.376 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11



Tgt Ion: 84 Resp: 8662
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 136.1 101.7 188.9





#19

1,1-Dichloroethane

Concen: 0.455 ug/L

RT: 6.226 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW020325.D

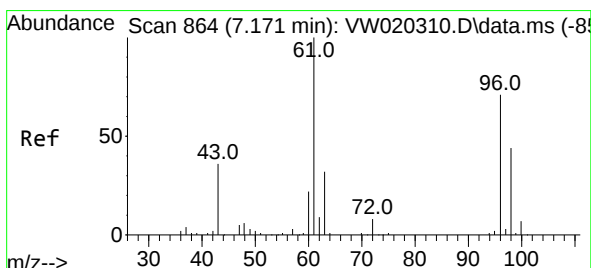
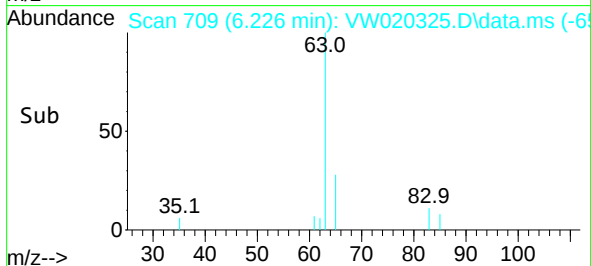
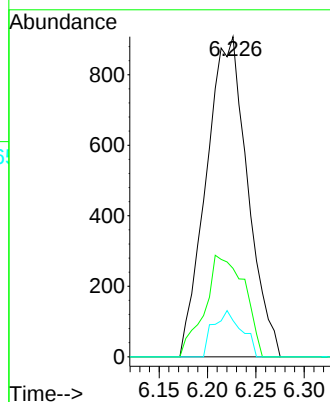
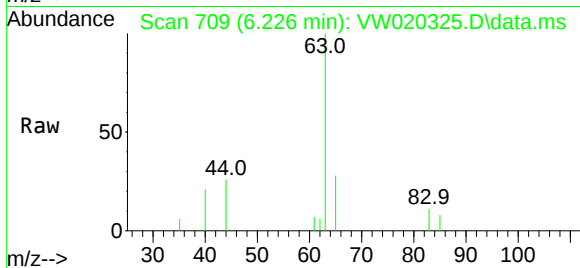
Acq: 06 Oct 2021 20:11

Tgt Ion:	63	Resp:	2690
Ion	Ratio	Lower	Upper
63	100		
65	27.6	21.9	40.7
83	11.3	9.0	16.6

Instrument :
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ClientSampled :
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#20

cis-1,2-Dichloroethene

Concen: 1.614 ug/L

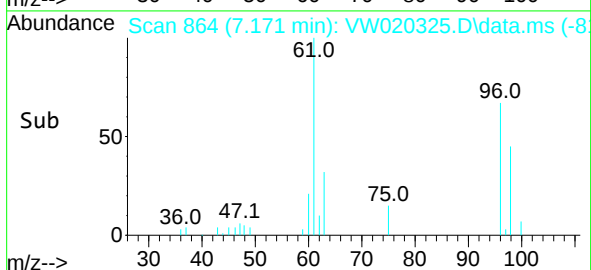
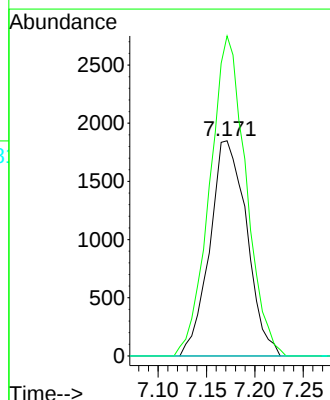
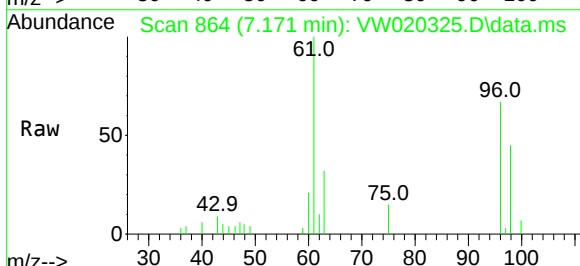
RT: 7.171 min Scan# 864

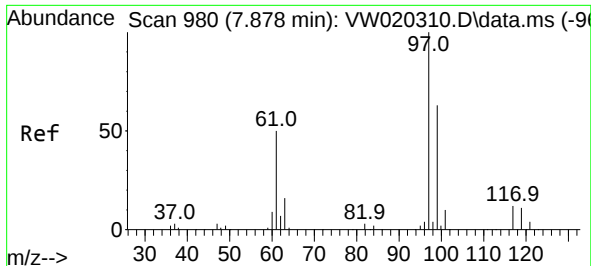
Delta R.T. 0.000 min

Lab File: VW020325.D

Acq: 06 Oct 2021 20:11

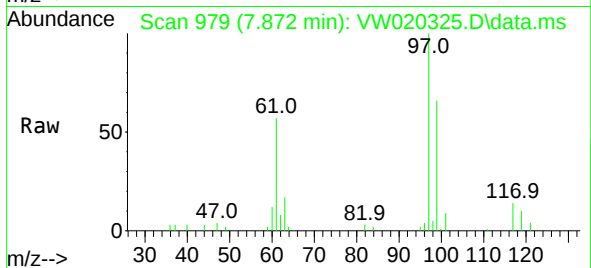
Tgt Ion:	96	Resp:	4908
Ion	Ratio	Lower	Upper
96	100		
61	148.7	100.3	186.3
68	0.0	0.0	0.0





#30
1,1,1-Trichloroethane
Concen: 4.920 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11

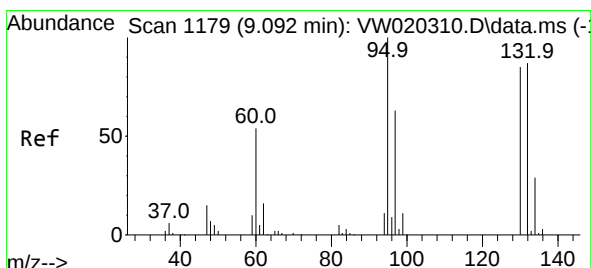
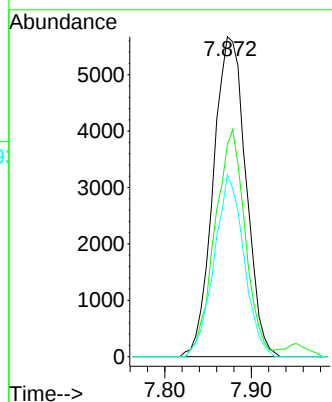
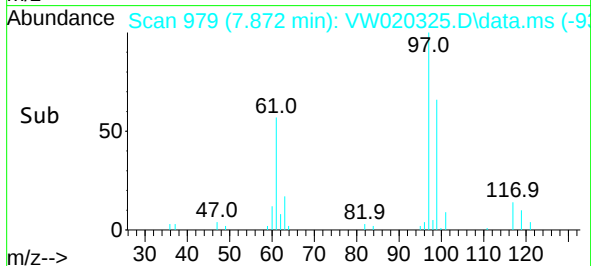
Instrument :
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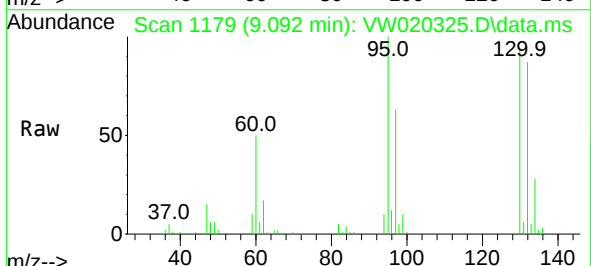
Tgt Ion: 97 Resp: 14835
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.0
61 52.0 41.0 61.6

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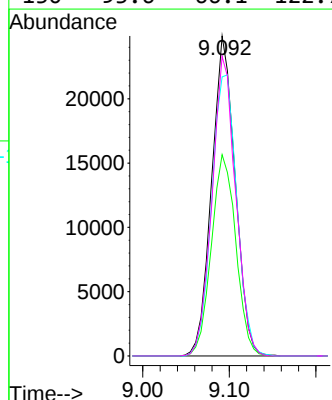
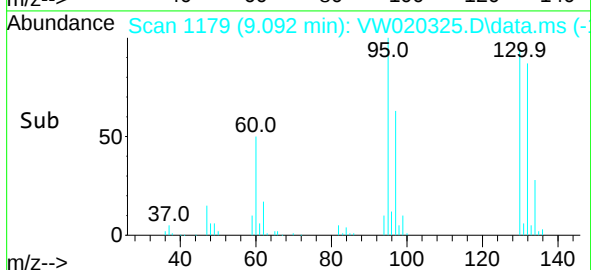
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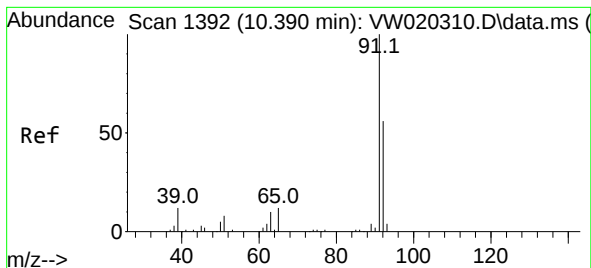


#34
Trichloroethene
Concen: 21.840 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11



Tgt Ion: 95 Resp: 46971
Ion Ratio Lower Upper
95 100
97 62.9 43.2 80.2
132 87.2 62.3 115.7
130 93.6 66.1 122.7





#42

Toluene

Concen: 0.989 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020325.D

Acq: 06 Oct 2021 20:11

Tgt Ion: 91 Resp: 8697

Ion Ratio Lower Upper

91 100

92 57.5 41.5 77.1

Instrument :

MSVOA_W

ClientSampled :

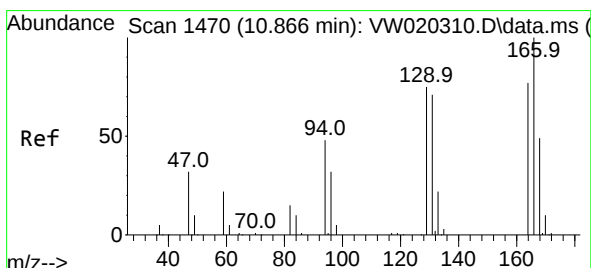
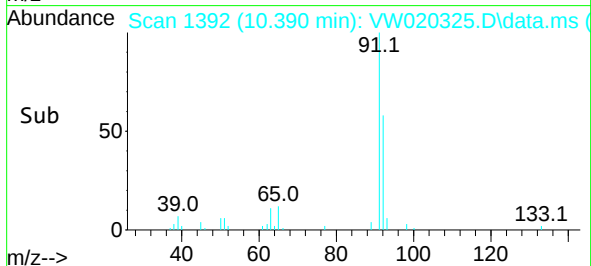
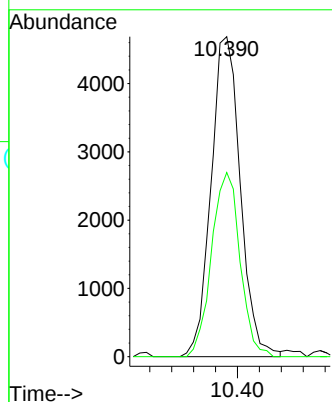
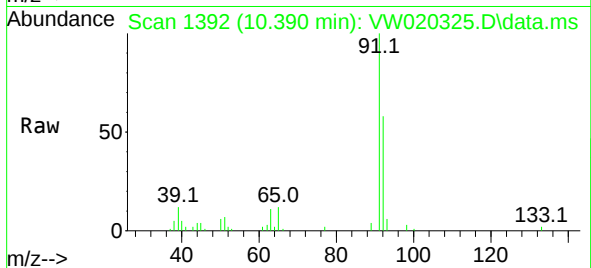
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#46

Tetrachloroethene

Concen: 1.620 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020325.D

Acq: 06 Oct 2021 20:11

Tgt Ion:164 Resp: 2564

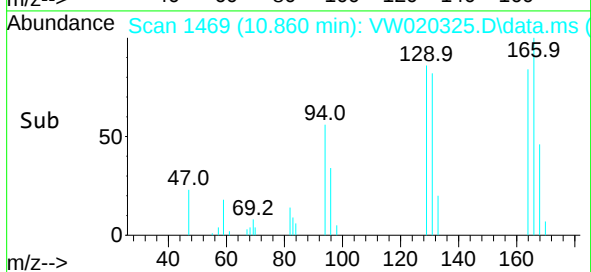
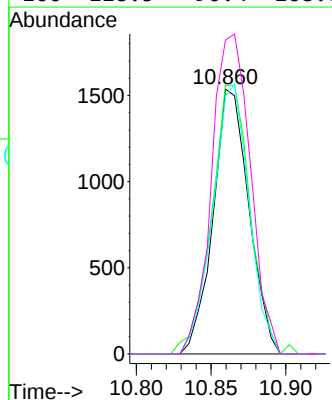
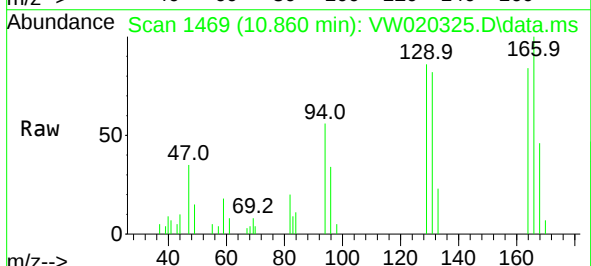
Ion Ratio Lower Upper

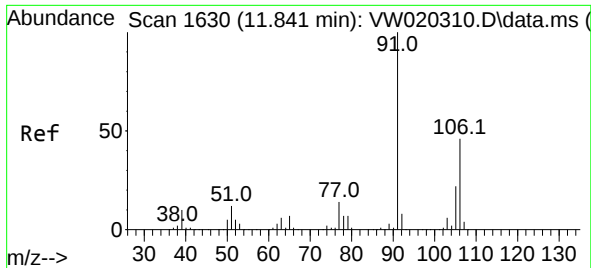
164 100

129 101.4 69.1 128.3

131 97.2 58.3 108.3

166 118.5 90.4 168.0





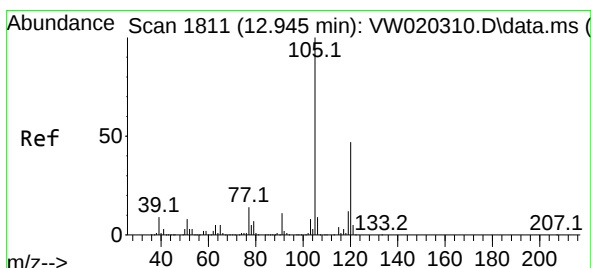
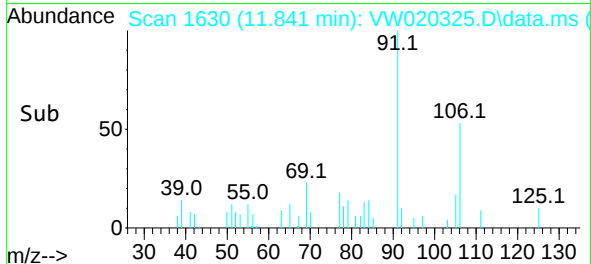
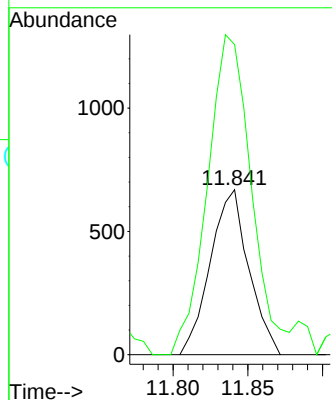
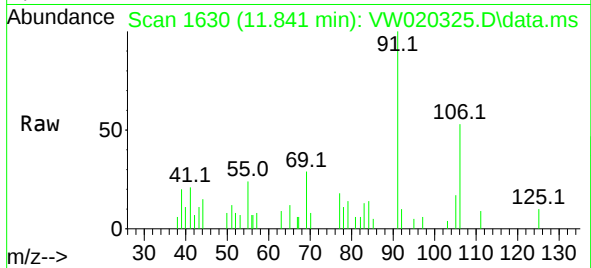
#53
m,p-Xylene
Concen: 0.338 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11

Instrument :
MSVOA_W
ClientSampled :
EW922

Tgt Ion:106 Resp: 1197
Ion Ratio Lower Upper
106 100
91 188.0 148.2 275.2

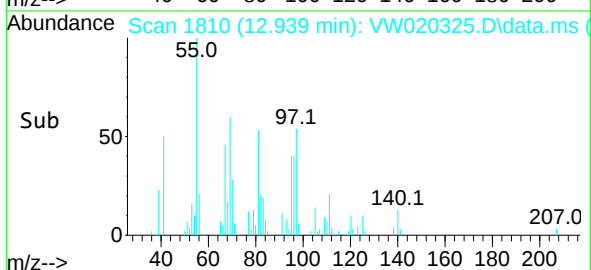
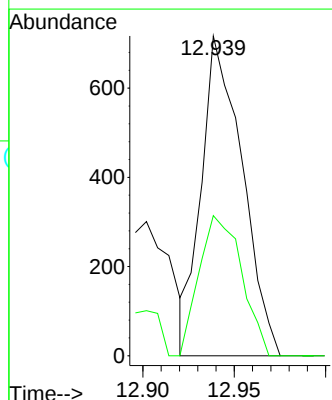
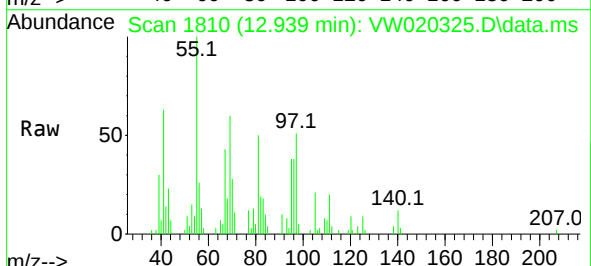
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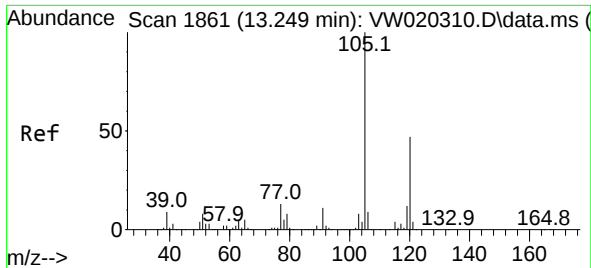
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#62
1,3,5-Trimethylbenzene
Concen: 0.343 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020325.D
Acq: 06 Oct 2021 20:11

Tgt Ion:105 Resp: 1113
Ion Ratio Lower Upper
105 100
120 45.7 37.9 56.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.549 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020325.D
 Acq: 06 Oct 2021 20:11

Tgt Ion:105 Resp: 1780
 Ion Ratio Lower Upper
 105 100
 120 42.4 35.4 53.2

Instrument :
 MSVOA_W
 ClientSampled :
 EW922

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