

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026378.D
 Acq On : 17 Jun 2022 13:51
 Operator : SY/MD
 Sample : N3318-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ63

Quant Time: Jun 18 00:03:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

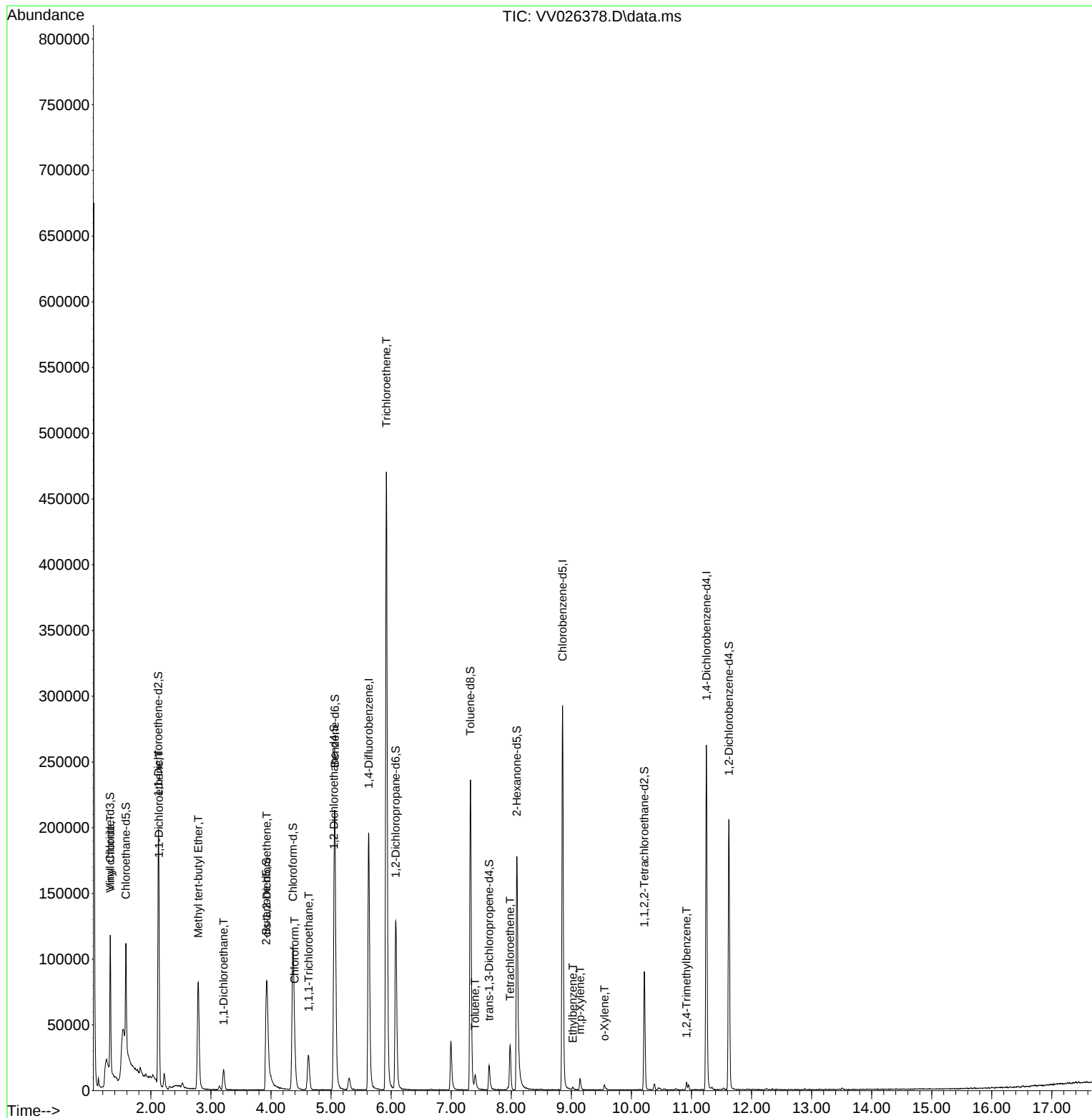
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	173225	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53877	3.581	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.584	69	50439	4.264	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.124	63	91340	3.535	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.921	46	90802	61.849	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.700%	
24) Chloroform-d	4.365	84	111728	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.047	65	46168	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.063	84	203388	4.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.076	67	66742	5.003	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.320	98	161991	3.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.632	79	12171	2.814	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.200%	
46) 2-Hexanone-d5	8.092	63	62295	47.674	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44120	5.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54477	4.960	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.327	62	19019	1.272	ug/L #	19
12) 1,1-Dichloroethene	2.137	96	22691	2.073	ug/L #	74
17) Methyl tert-butyl Ether	2.789	73	82599	4.390	ug/L	98
19) 1,1-Dichloroethane	3.211	63	16613	0.821	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	29552	2.752	ug/L	91
25) Chloroform	4.394	83	21960	1.000	ug/L	100
29) 1,1,1-Trichloroethane	4.625	97	21641	1.146	ug/L	98
34) Trichloroethene	5.921	95	167849	14.027	ug/L	100
42) Toluene	7.400	91	9375	0.203	ug/L	98
47) Tetrachloroethene	7.982	164	8152	0.920	ug/L	97
52) Ethylbenzene	9.024	91	1840	0.040	ug/L	99
53) m,p-Xylene	9.146	106	2816	0.156	ug/L	78
54) o-Xylene	9.555	106	1223	0.070	ug/L	78
63) 1,2,4-Trimethylbenzene	10.918	105	3255	0.109	ug/L	88

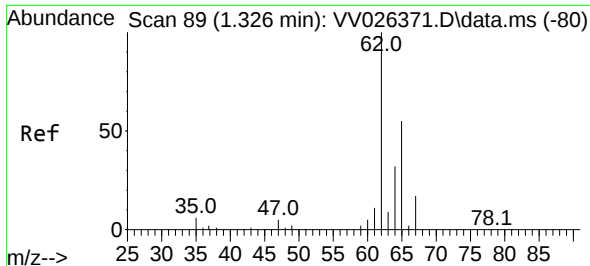
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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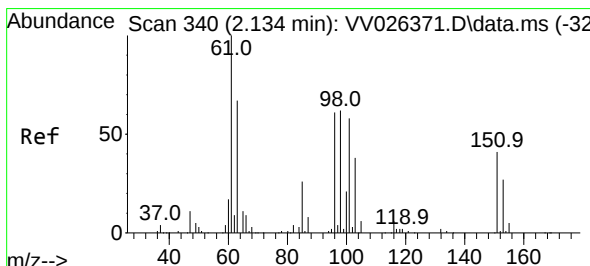
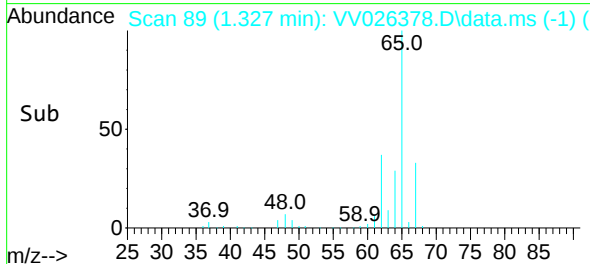
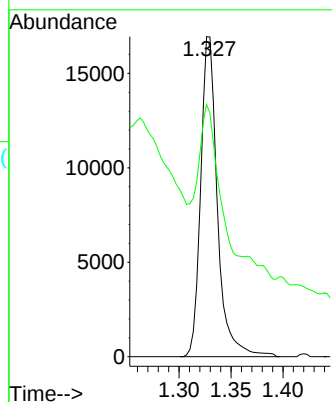
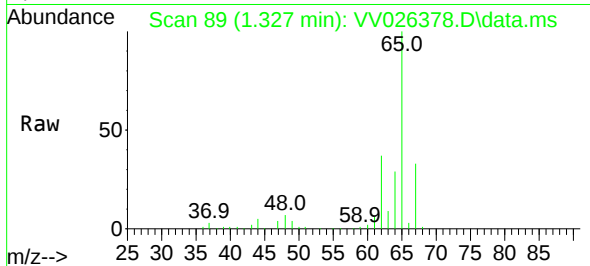




#5
 Vinyl chloride
 Concen: 1.272 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026378.D
 Acq: 17 Jun 2022 13:51

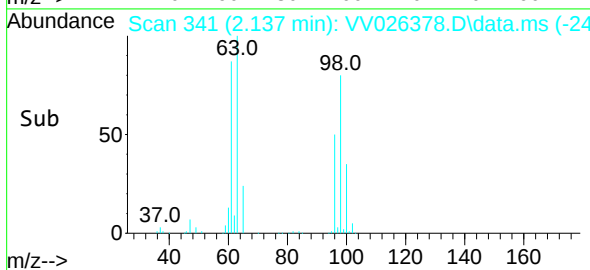
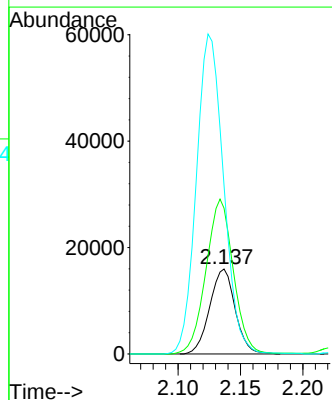
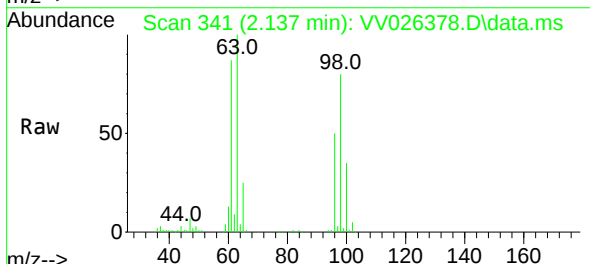
Instrument :
 MSVOA_V
 Client Sample Id :
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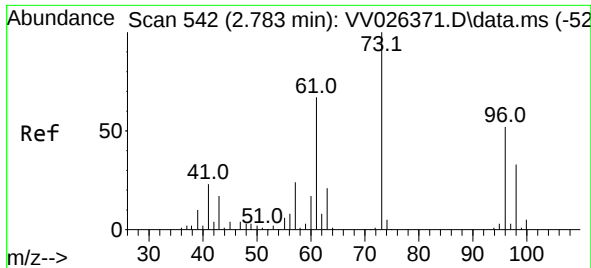
Tgt Ion: 62 Resp: 19019
 Ion Ratio Lower Upper
 62 100
 64 78.8 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 2.073 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.003 min
 Lab File: VV026378.D
 Acq: 17 Jun 2022 13:51

Tgt Ion: 96 Resp: 22691
 Ion Ratio Lower Upper
 96 100
 61 171.6 117.1 217.5
 63 198.2 92.8 172.4#

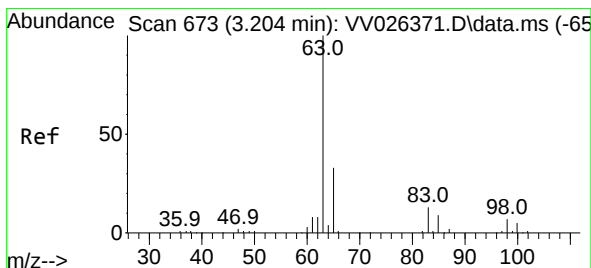
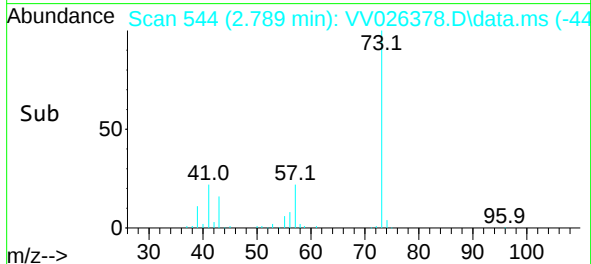
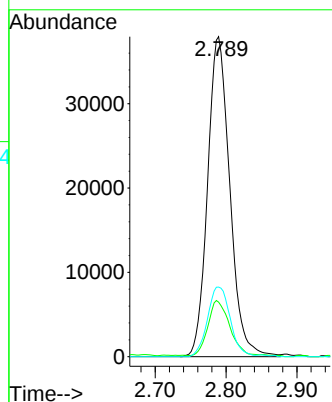
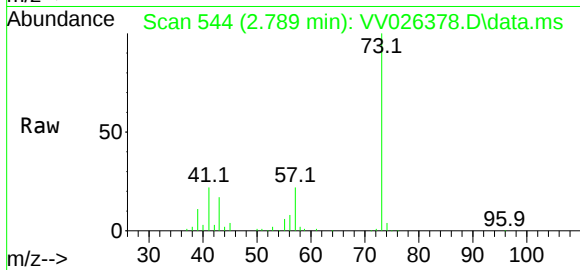




#17
Methyl tert-butyl Ether
Concen: 4.390 ug/L
RT: 2.789 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

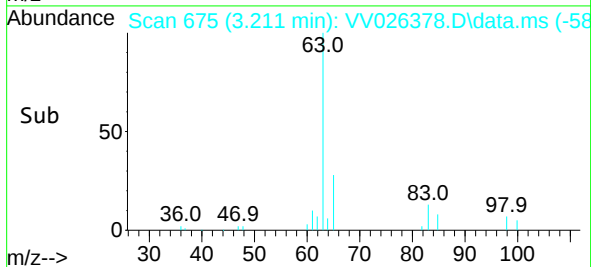
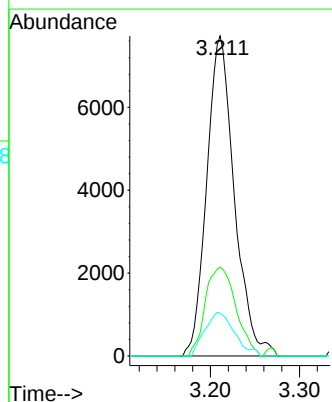
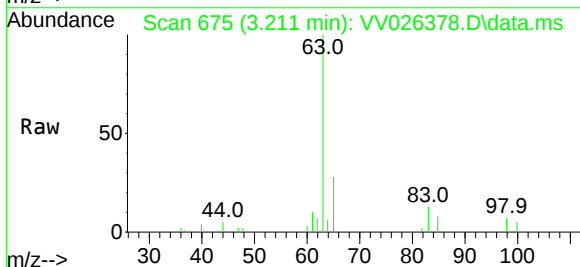
Instrument :
MSVOA_V
ClientSampleId :
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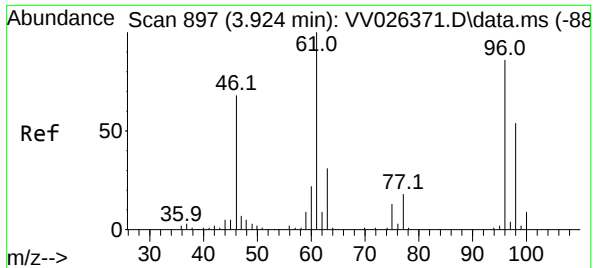
Tgt Ion: 73 Resp: 82599
Ion Ratio Lower Upper
73 100
43 18.1 13.0 19.6
57 22.2 17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.821 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 63 Resp: 16613
Ion Ratio Lower Upper
63 100
65 27.8 22.3 41.3
83 13.4 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 2.752 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.006 min

Lab File: VV026378.D

Acq: 17 Jun 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

BGJ63

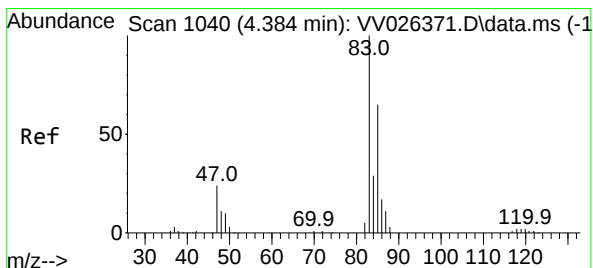
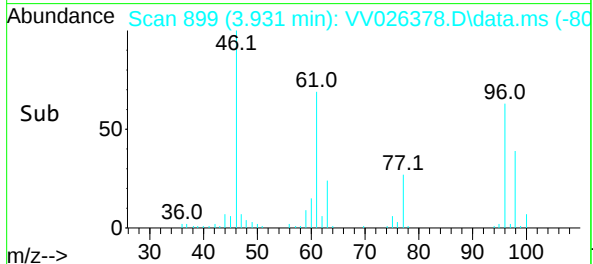
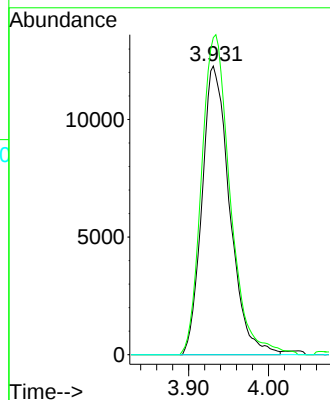
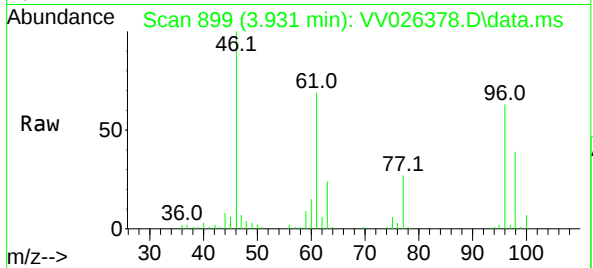
Tgt Ion: 96 Resp: 29552

Ion Ratio Lower Upper

96 100

61 109.8 83.6 155.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.000 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.010 min

Lab File: VV026378.D

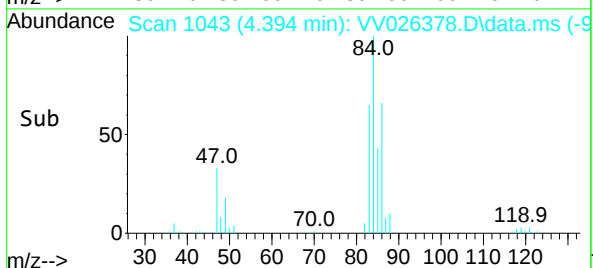
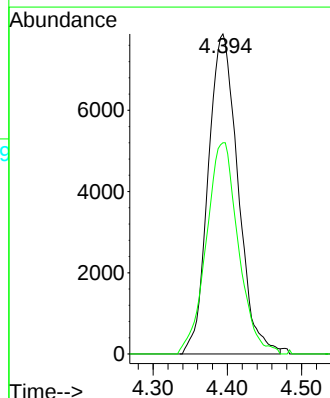
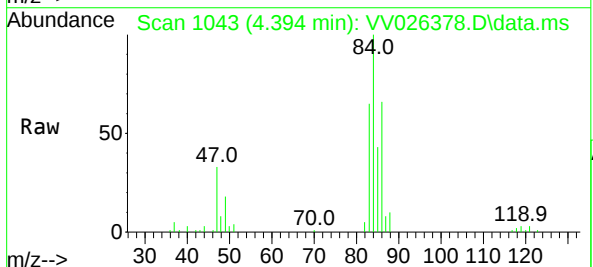
Acq: 17 Jun 2022 13:51

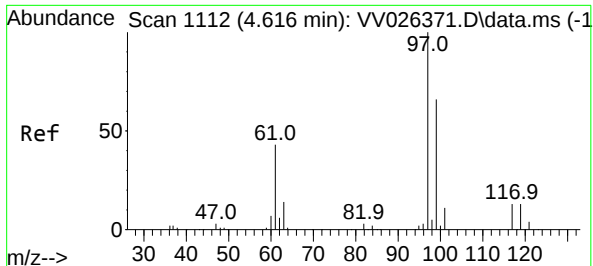
Tgt Ion: 83 Resp: 21960

Ion Ratio Lower Upper

83 100

85 66.0 46.5 86.3





#29

1,1,1-Trichloroethane

Concen: 1.146 ug/L

RT: 4.625 min Scan# 1115

Delta R.T. 0.010 min

Lab File: VV026378.D

Acq: 17 Jun 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

BGJ63

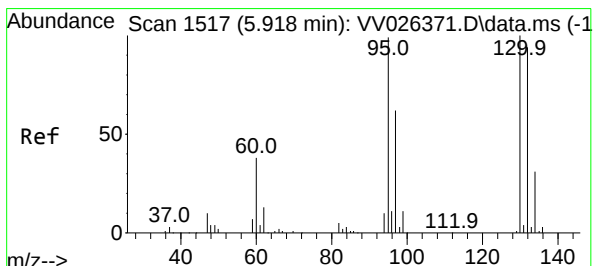
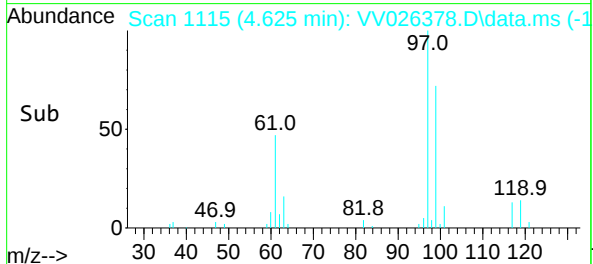
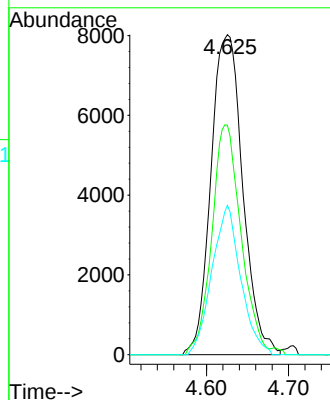
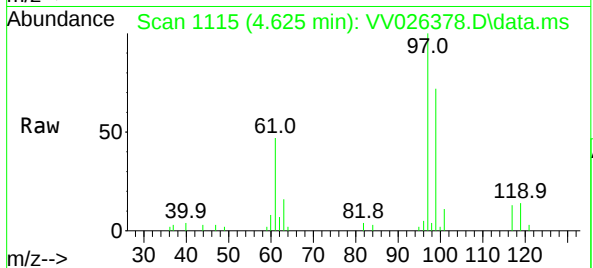
Tgt Ion: 97 Resp: 21641

Ion Ratio Lower Upper

97 100

99 65.7 50.3 75.5

61 42.1 33.4 50.0



#34

Trichloroethene

Concen: 14.027 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026378.D

Acq: 17 Jun 2022 13:51

Tgt Ion: 95 Resp: 167849

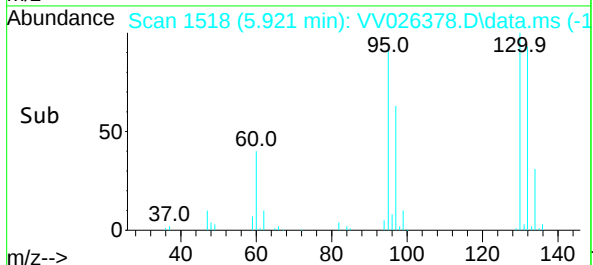
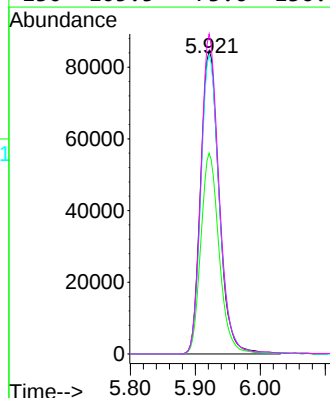
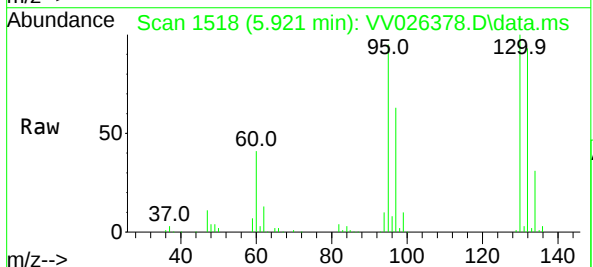
Ion Ratio Lower Upper

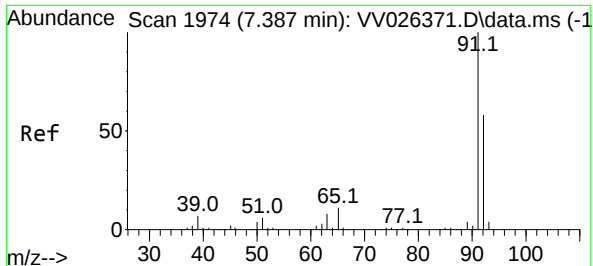
95 100

97 66.1 46.5 86.3

132 98.6 68.8 127.8

130 105.5 73.6 136.6

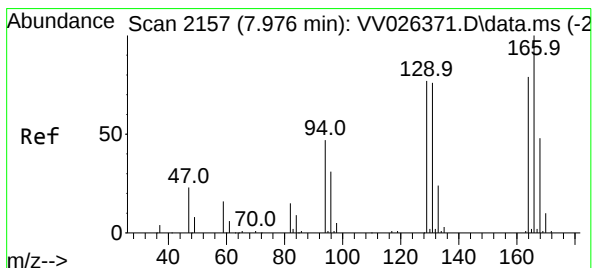
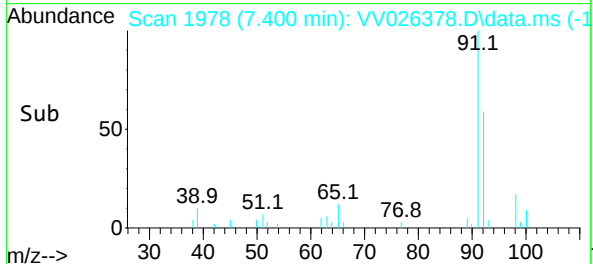
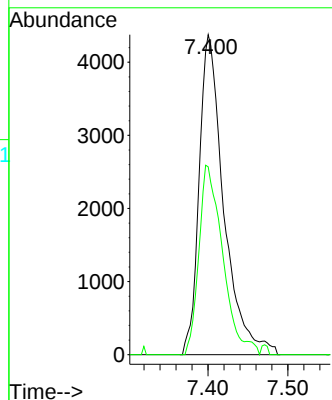
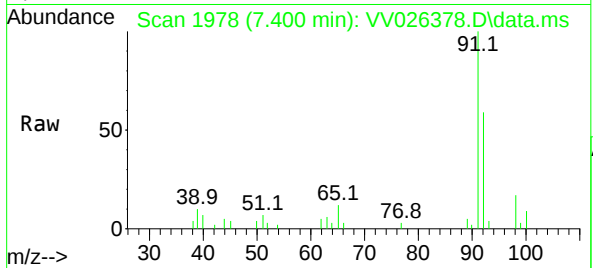




#42
Toluene
Concen: 0.203 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

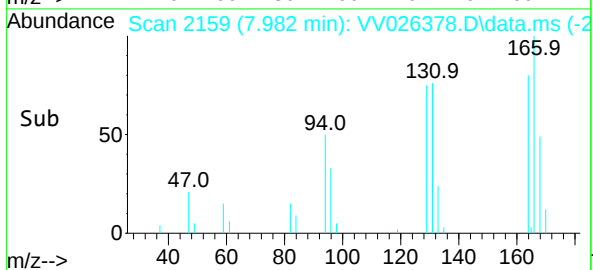
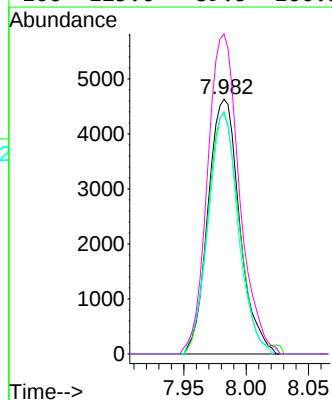
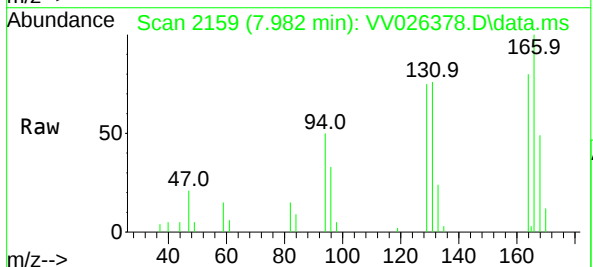
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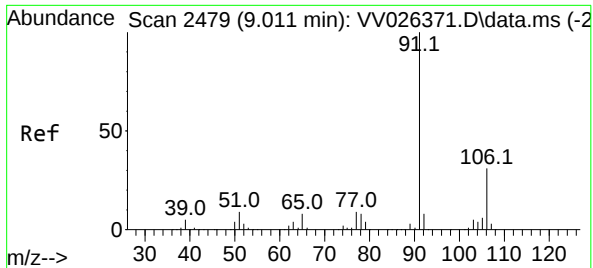
Tgt Ion: 91 Resp: 9375
Ion Ratio Lower Upper
91 100
92 58.7 40.1 74.5



#47
Tetrachloroethene
Concen: 0.920 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 164 Resp: 8152
Ion Ratio Lower Upper
164 100
129 94.5 67.5 125.3
131 95.2 63.8 118.4
166 125.6 89.5 166.3

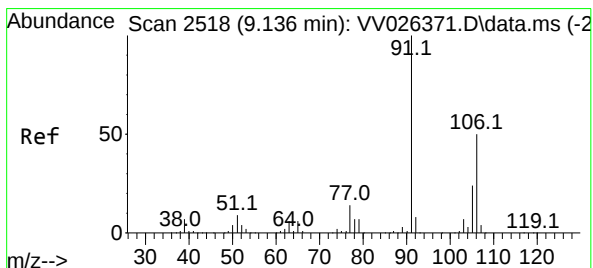
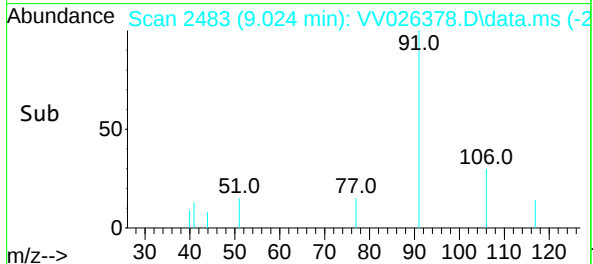
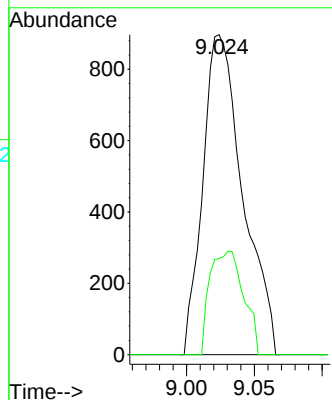
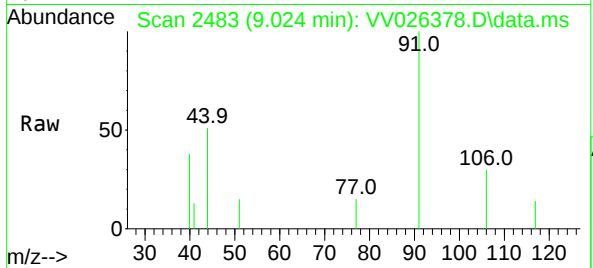




#52
Ethylbenzene
Concen: 0.040 ug/L
RT: 9.024 min Scan# 2479
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

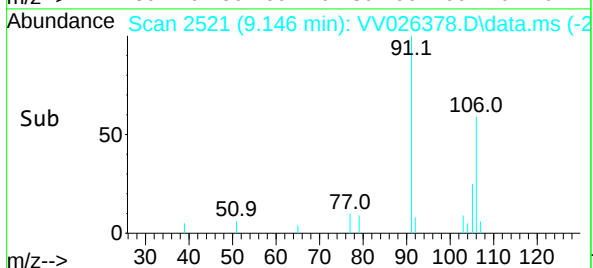
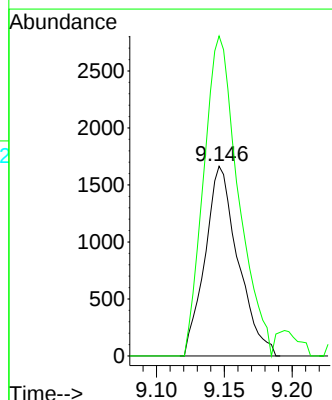
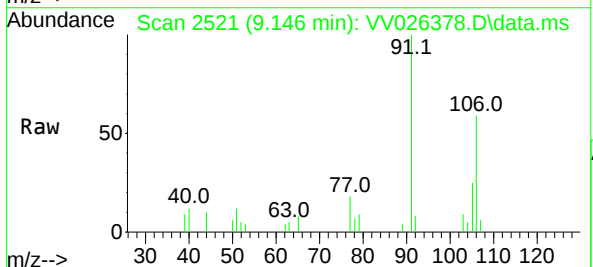
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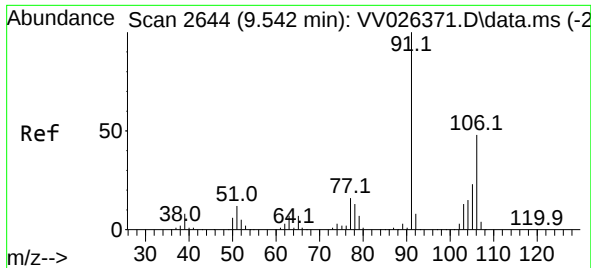
Tgt Ion: 91 Resp: 1840
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 0.156 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 106 Resp: 2816
Ion Ratio Lower Upper
106 100
91 168.6 141.3 262.3

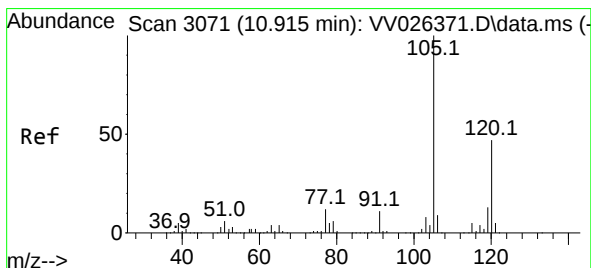
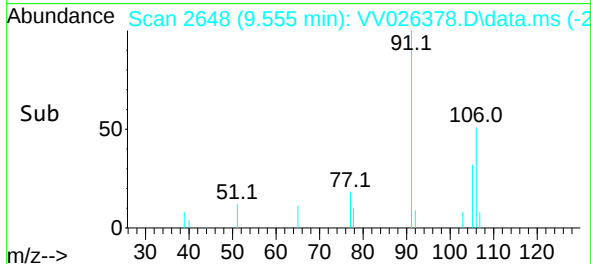
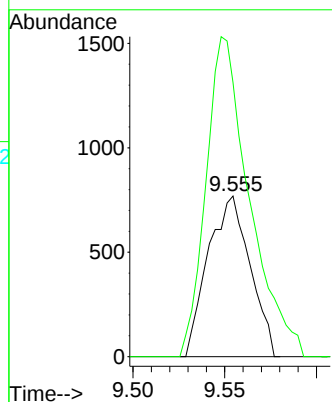
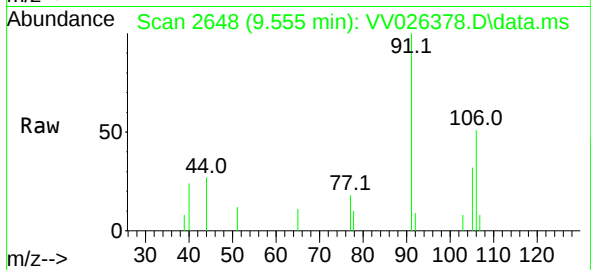




#54
o-Xylene
Concen: 0.070 ug/L
RT: 9.555 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

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MSVOA_V
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Tgt Ion:106 Resp: 1223
Ion Ratio Lower Upper
106 100
91 170.7 143.3 266.1



#63
1,2,4-Trimethylbenzene
Concen: 0.109 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion:105 Resp: 3255
Ion Ratio Lower Upper
105 100
120 53.8 36.9 55.3

