

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024014.D
 Acq On : 16 Dec 2021 15:39
 Operator : SY/MD
 Sample : M5090-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E3

Quant Time: Dec 17 02:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

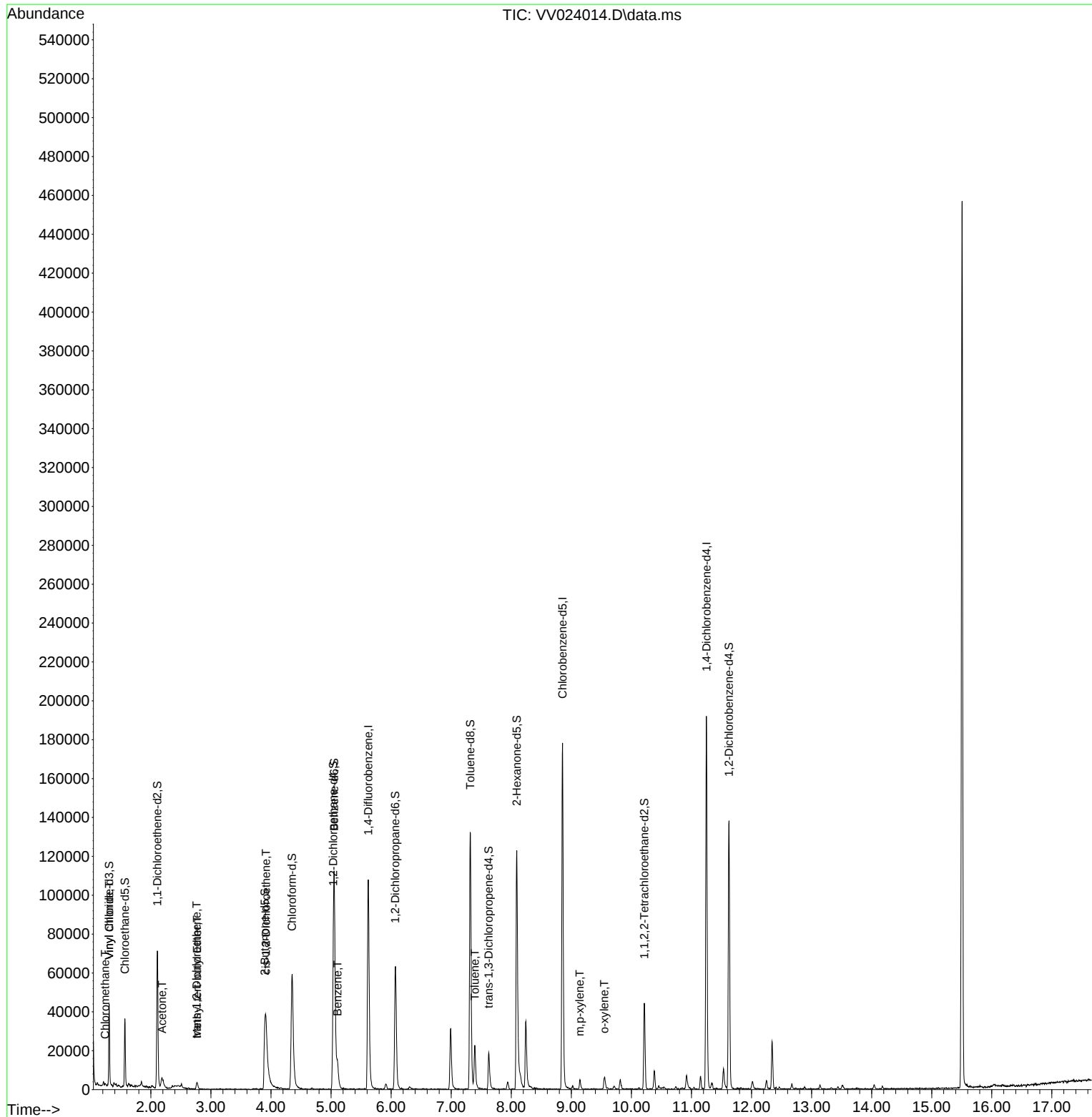
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24359	4.699	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.568	69	20898	4.832	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.108	63	36440	3.601	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.000%	
20) 2-Butanone-d5	3.899	46	55654	54.951	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.900%	
24) Chloroform-d	4.349	84	52468	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.037	65	26614	4.868	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.053	84	98652	4.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.069	67	29297	4.892	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.320	98	90192	5.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
43) trans-1,3-Dichloroprop...	7.625	79	11679	4.701	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.092	63	39767	35.759	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20698	4.167	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	37532	5.271	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	713	0.099	ug/L #	79
5) Vinyl chloride	1.307	62	487	0.063	ug/L #	1
13) Acetone	2.185	43	9909	12.229	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	1415	0.097	ug/L #	79
18) trans-1,2-Dichloroethene	2.764	96	987	0.138	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	6098	0.804	ug/L	92
33) Benzene	5.108	78	14362	0.507	ug/L	100
42) Toluene	7.394	91	16839	0.528	ug/L	99
53) m,p-xylene	9.140	106	1502	0.113	ug/L	88
54) o-xylene	9.548	106	1463	0.114	ug/L	89

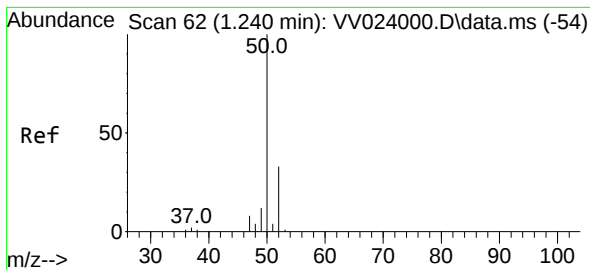
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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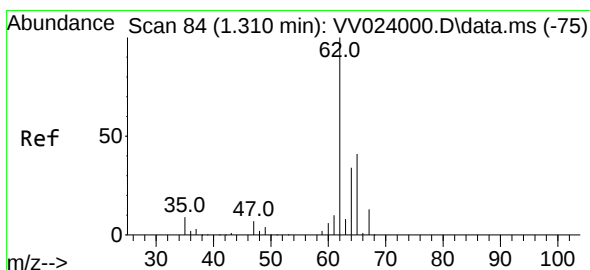
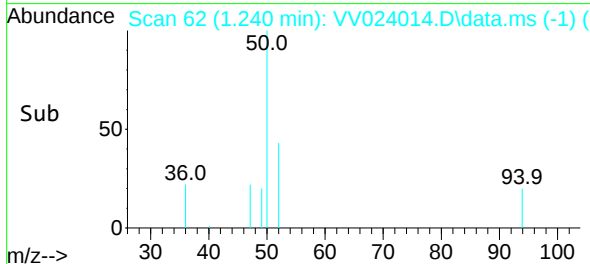
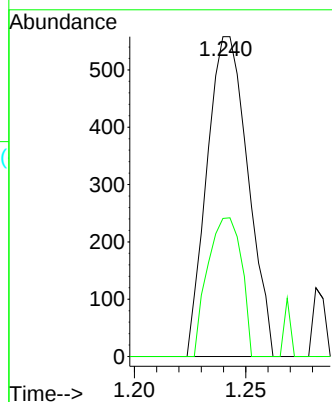
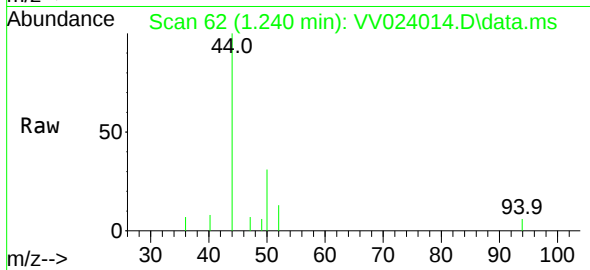




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

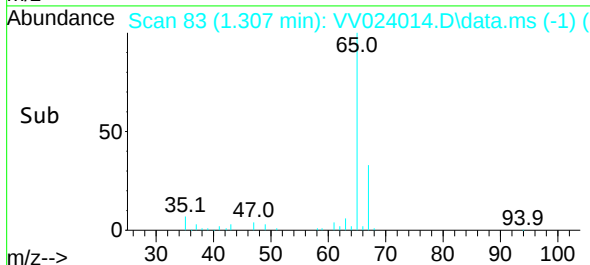
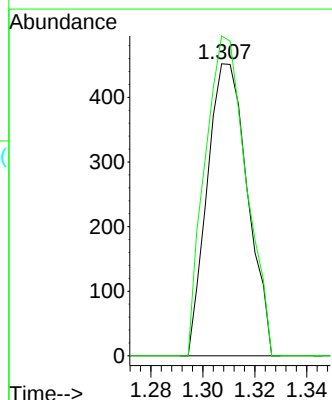
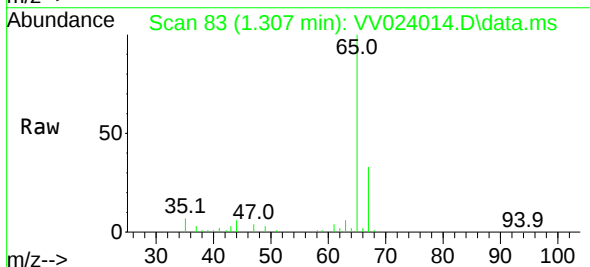
Instrument :
MSVOA_V
ClientSampleId :
BG3E3

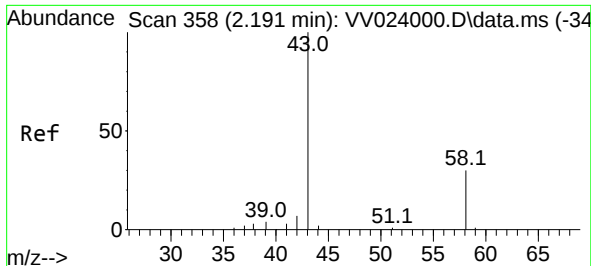
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 43.2 22.0 41.0#



#5
Vinyl chloride
Concen: 0.063 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 62 Resp: 487
Ion Ratio Lower Upper
62 100
64 109.5 22.4 41.6#





#13

Acetone

Concen: 12.229 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV024014.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_V

ClientSampleId :

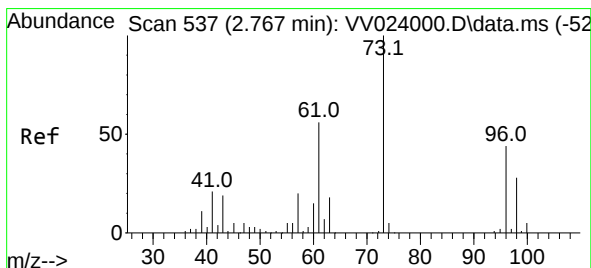
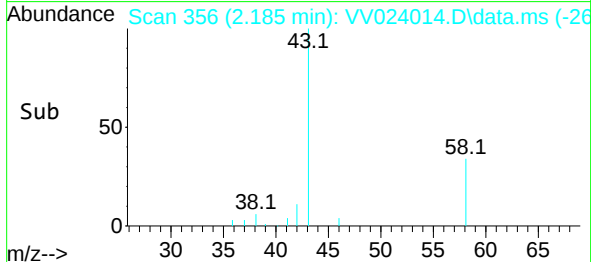
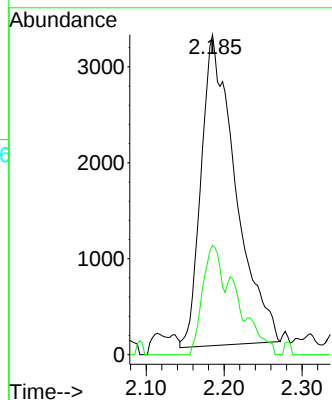
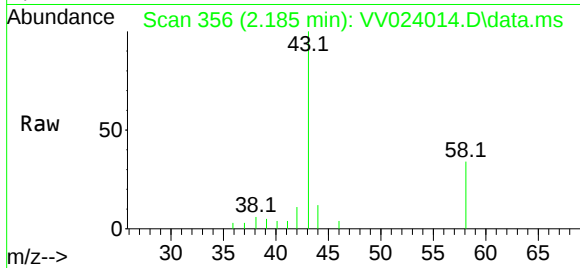
BG3E3

Tgt Ion: 43 Resp: 9909

Ion Ratio Lower Upper

43 100

58 19.9 0.0 41.4



#17

Methyl tert-butyl Ether

Concen: 0.097 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV024014.D

Acq: 16 Dec 2021 15:39

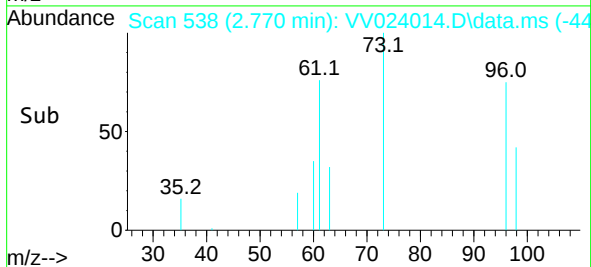
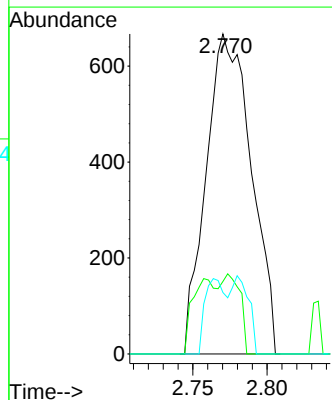
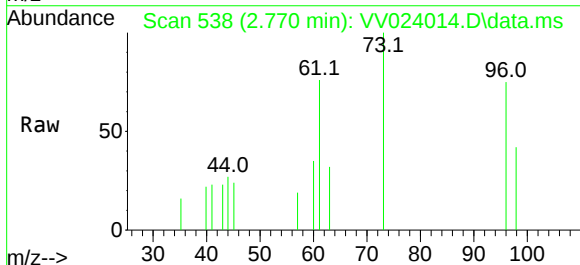
Tgt Ion: 73 Resp: 1415

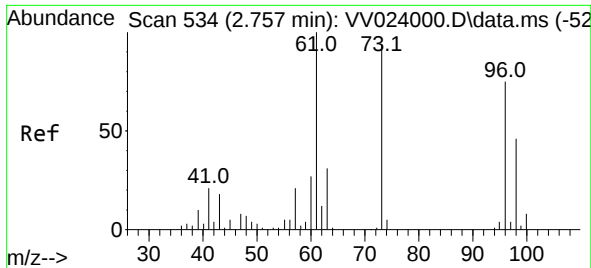
Ion Ratio Lower Upper

73 100

43 10.1 15.5 23.3#

57 10.9 17.1 25.7#

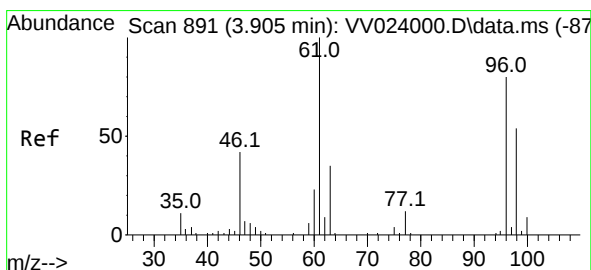
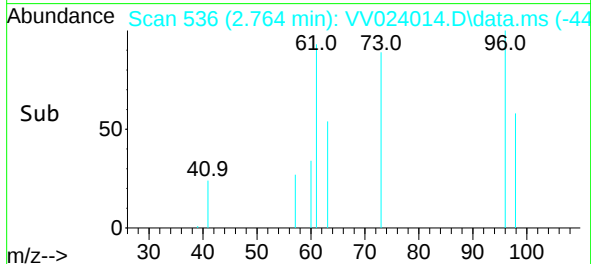
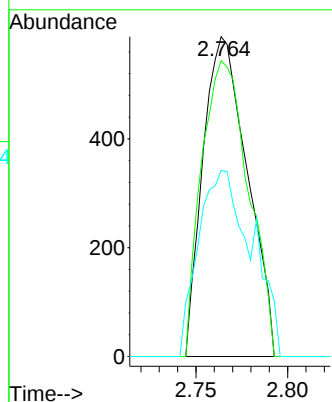
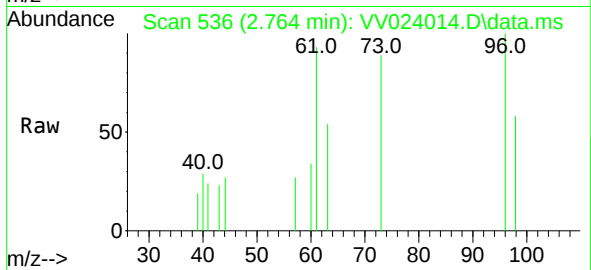




#18
trans-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

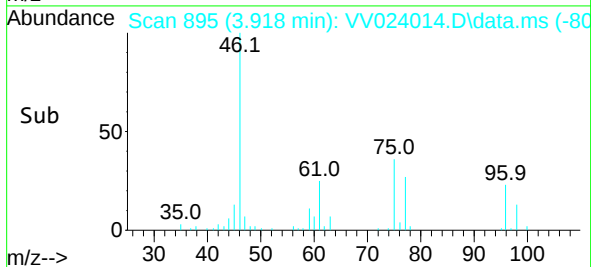
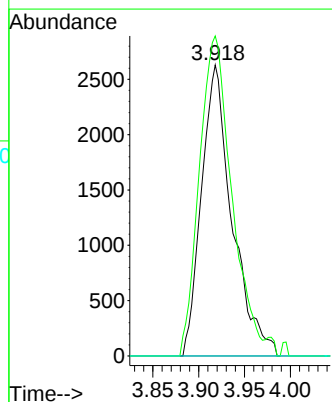
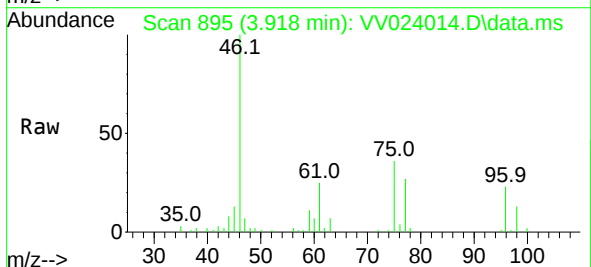
Instrument :
MSVOA_V
ClientSampleId :
BG3E3

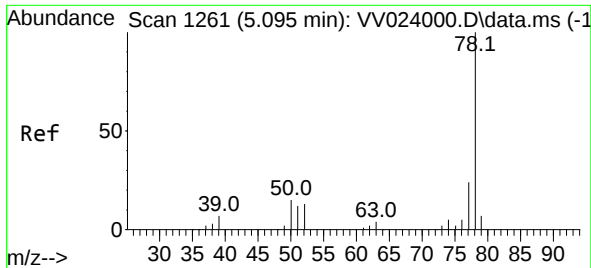
Tgt Ion: 96 Resp: 987
Ion Ratio Lower Upper
96 100
61 92.5 88.2 163.8
98 58.2 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 0.804 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 96 Resp: 6098
Ion Ratio Lower Upper
96 100
61 110.0 83.4 154.8
68 0.0 0.0 0.0

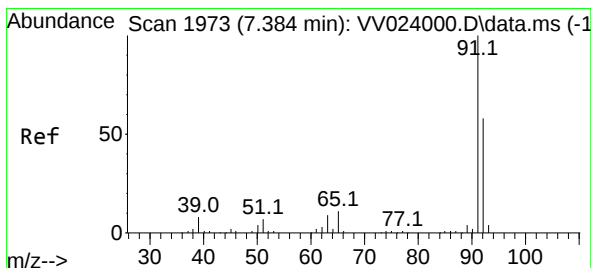
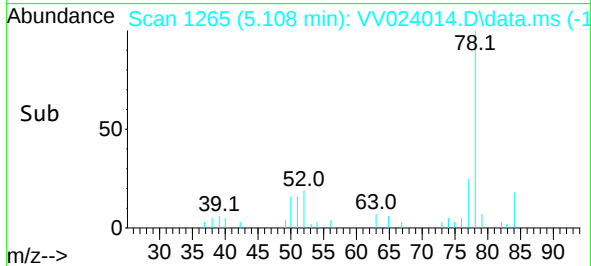
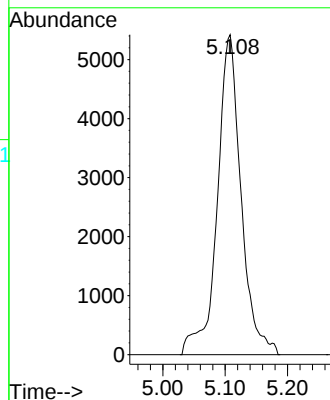
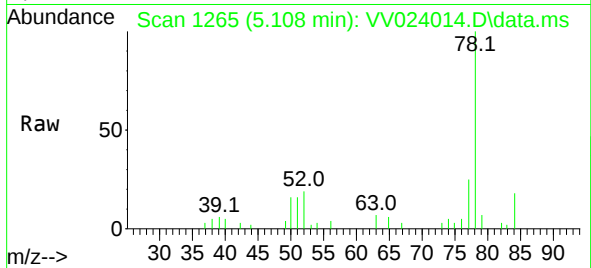




#33
Benzene
Concen: 0.507 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

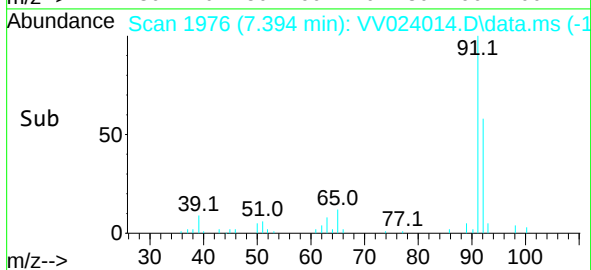
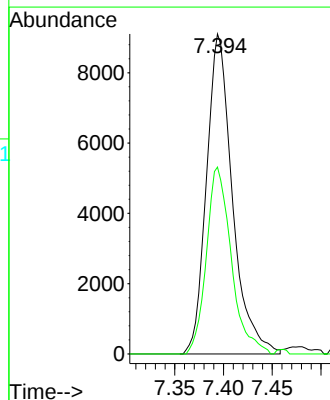
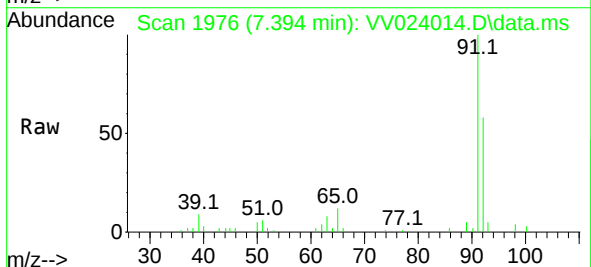
Instrument :
MSVOA_V
ClientSampleId :
BG3E3

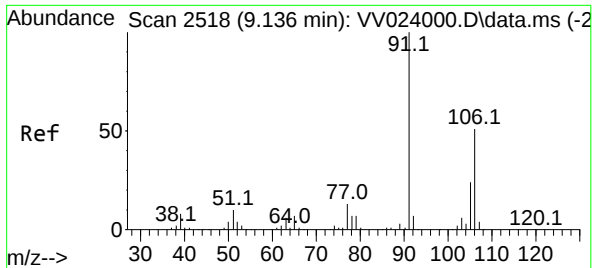
Tgt Ion: 78 Resp: 14362



#42
Toluene
Concen: 0.528 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 91 Resp: 16839
Ion Ratio Lower Upper
91 100
92 58.4 41.5 77.1

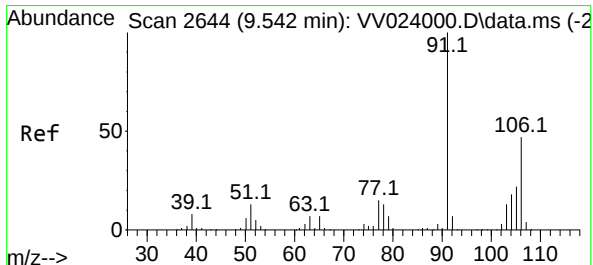
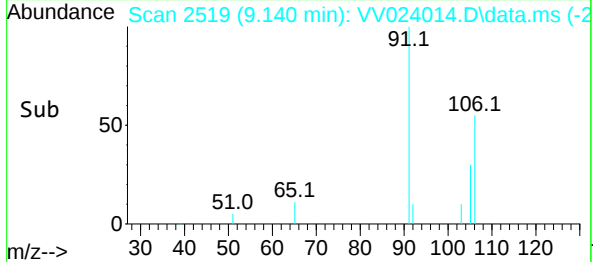
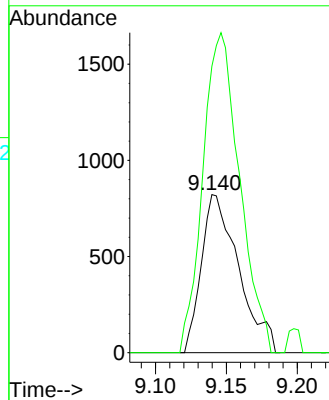
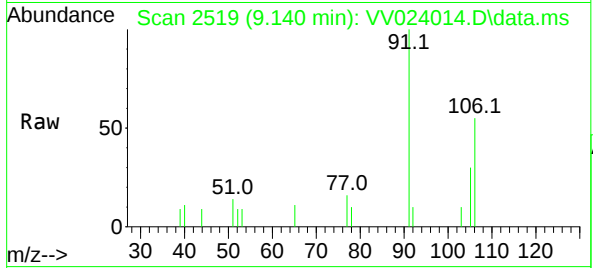




#53
m,p-xylene
Concen: 0.113 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Instrument :
MSVOA_V
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Tgt Ion:106 Resp: 1502
Ion Ratio Lower Upper
106 100
91 181.1 139.5 259.1



#54
o-xylene
Concen: 0.114 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion:106 Resp: 1463
Ion Ratio Lower Upper
106 100
91 193.9 147.9 274.7

