

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029798.D
 Acq On : 13 Jan 2023 11:07
 Operator : SY/MD
 Sample : 01136-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB7

Quant Time: Jan 13 22:50:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	235423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	228785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	120391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70767	3.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.565	69	61889	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.111	63	252988	7.772	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	155.400%#
20) 2-Butanone-d5	3.876	46	136207	43.036	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.080%
24) Chloroform-d	4.336	84	134687	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.024	65	62750	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.044	84	281193	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.060	67	88036	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.307	98	252104	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.616	79	29119	4.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.085	63	122922	41.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.240%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65132	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	99737	4.557	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	7203	0.319	ug/L	85
8) Chloroethane	1.581	64	2395	0.175	ug/L	91
12) 1,1-Dichloroethene	2.114	96	332159	16.523	ug/L #	80
13) Acetone	2.166	43	31690	14.029	ug/L	91
14) Carbon disulfide	2.291	76	14337	0.248	ug/L	99
15) Methyl Acetate	2.433	43	3563	0.606	ug/L #	81
17) Methyl tert-butyl Ether	2.767	73	4995	0.144	ug/L	97
19) 1,1-Dichloroethane	3.182	63	825355	26.402	ug/L	99
21) 2-Butanone	3.976	43	21434	6.623	ug/L	92
22) cis-1,2-Dichloroethene	3.909	96	15464	0.777	ug/L	95
27) 1,2-Dichloroethane	5.127	62	10304	0.624	ug/L	95
33) Benzene	5.095	78	39560	0.523	ug/L	100
34) Trichloroethene	5.908	95	11429	0.596	ug/L	98
52) Ethylbenzene	9.008	91	8060	0.094	ug/L	98
53) m,p-Xylene	9.133	106	4533	0.134	ug/L	91
54) o-Xylene	9.539	106	3122	0.097	ug/L	84

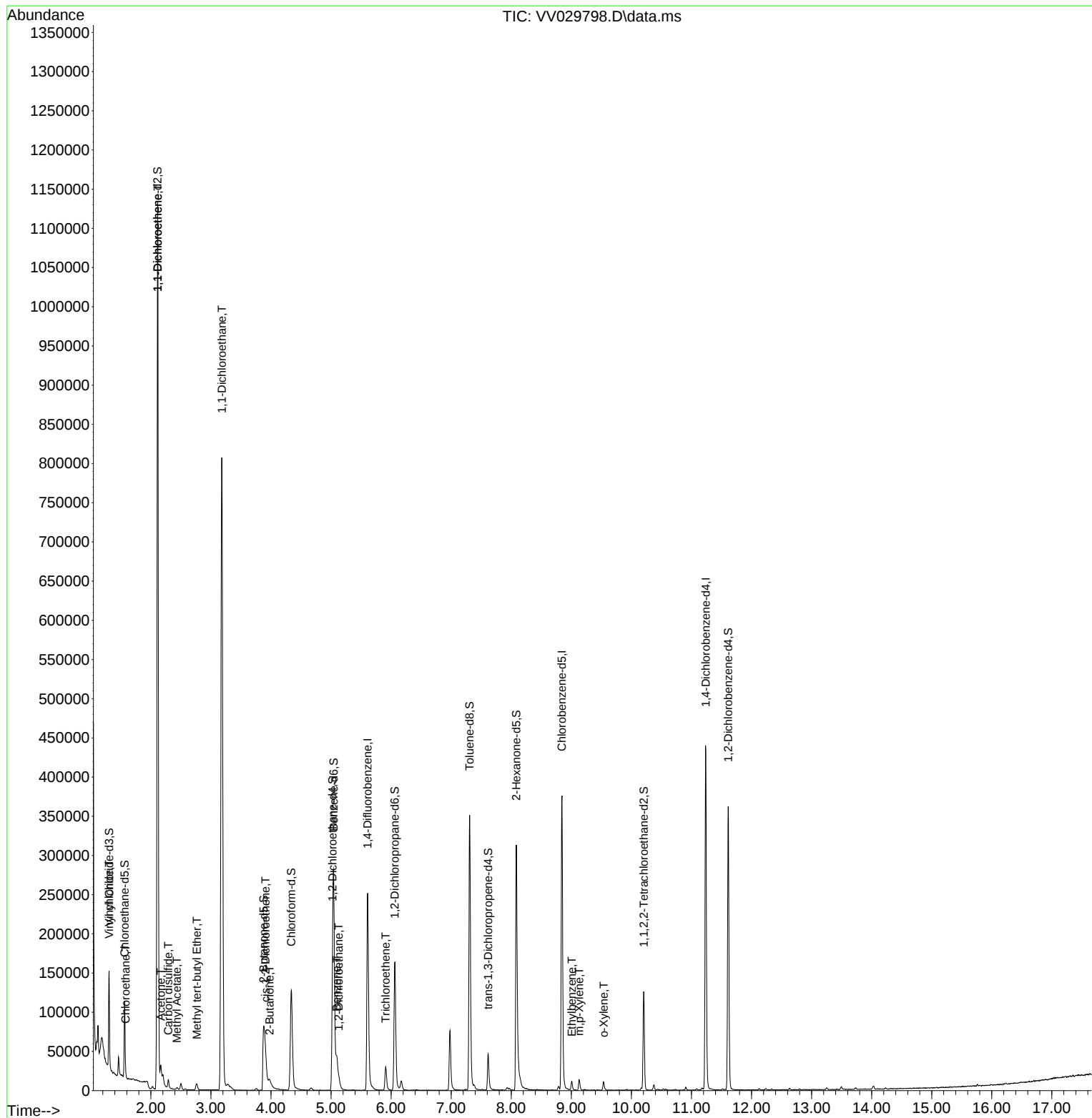
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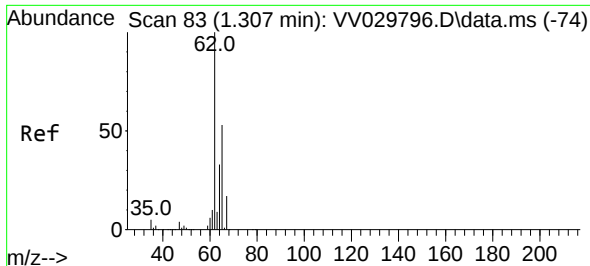
Instrument :
MSVOA_V
ClientSampleId :
BGJB7

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Data File : VV029798.D
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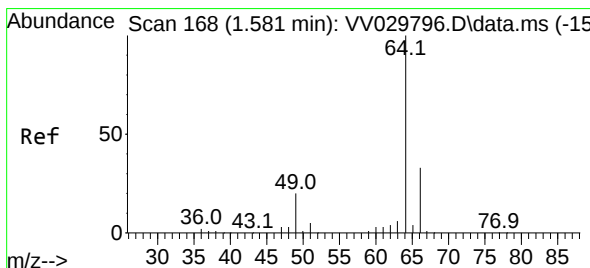
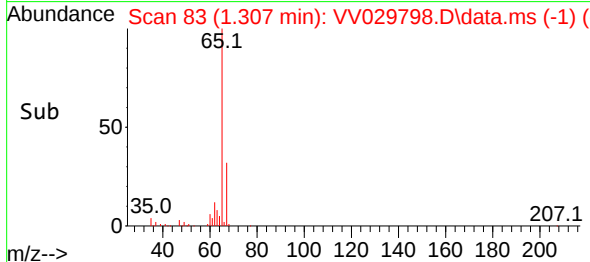
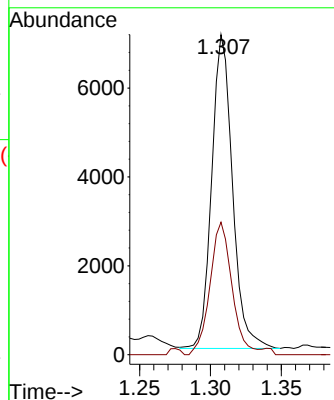
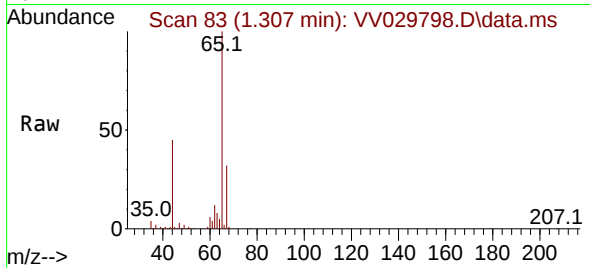




#5
 Vinyl chloride
 Concen: 0.319 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029798.D
 Acq: 13 Jan 2023 11:07

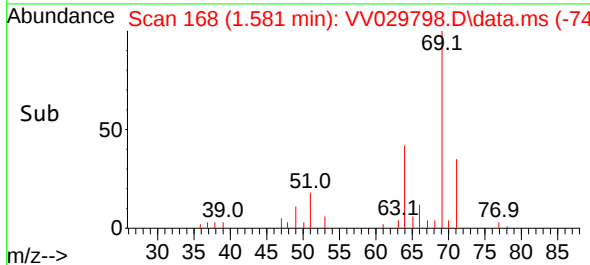
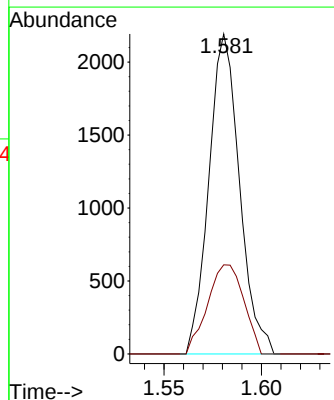
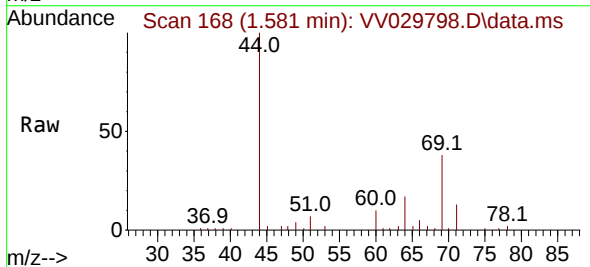
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB7

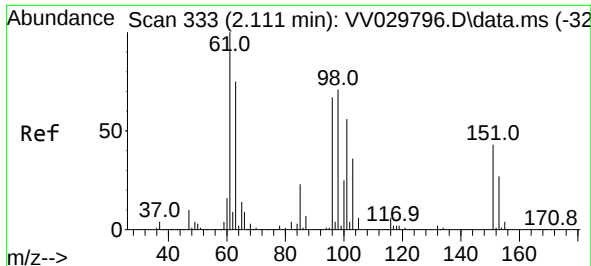
Tgt Ion: 62 Resp: 7203
 Ion Ratio Lower Upper
 62 100
 64 41.4 23.2 43.2



#8
 Chloroethane
 Concen: 0.175 ug/L
 RT: 1.581 min Scan# 168
 Delta R.T. 0.003 min
 Lab File: VV029798.D
 Acq: 13 Jan 2023 11:07

Tgt Ion: 64 Resp: 2395
 Ion Ratio Lower Upper
 64 100
 66 27.9 22.9 42.5





#12

1,1-Dichloroethene

Concen: 16.523 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029798.D

Acq: 13 Jan 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

BGJB7

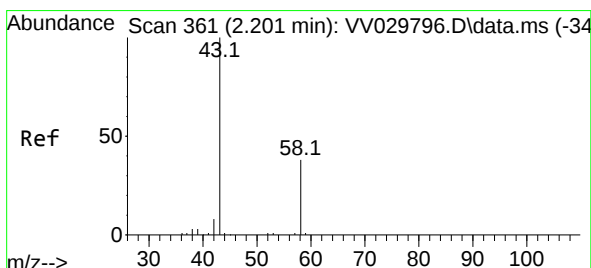
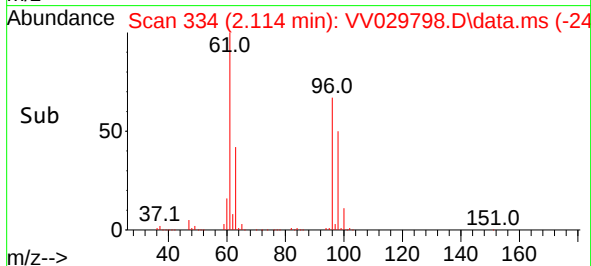
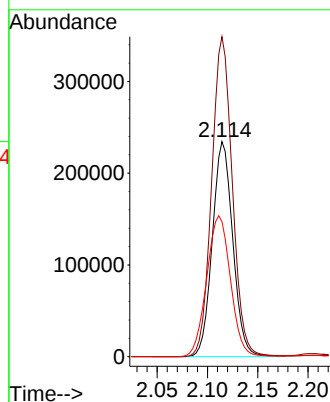
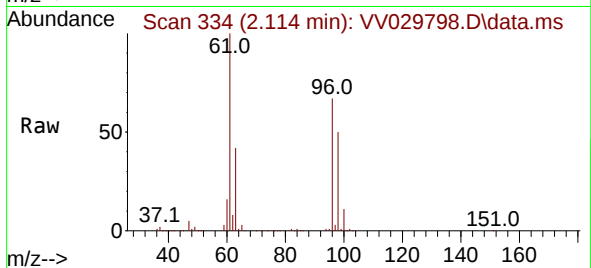
Tgt Ion: 96 Resp: 332159

Ion Ratio Lower Upper

96 100

61 148.8 106.1 197.1

63 62.8 76.4 141.8#



#13

Acetone

Concen: 14.029 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.032 min

Lab File: VV029798.D

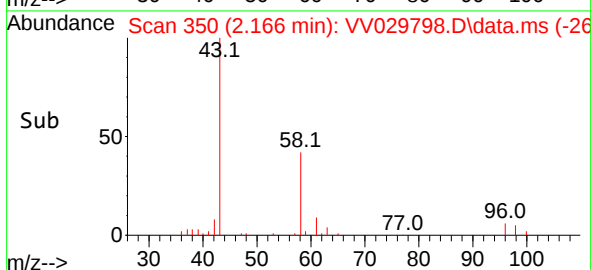
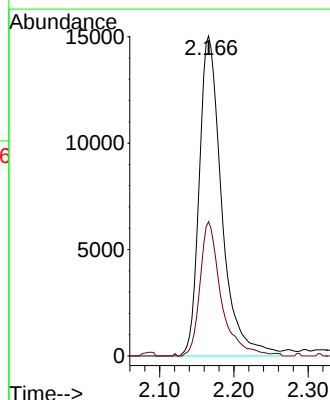
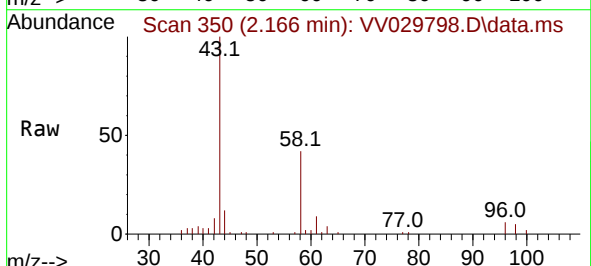
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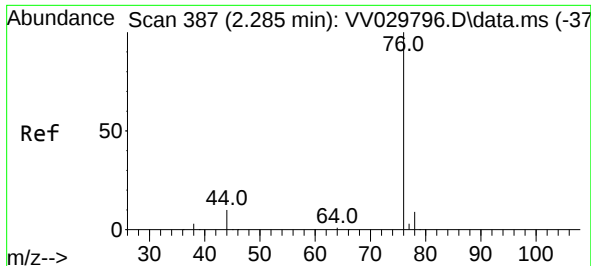
Tgt Ion: 43 Resp: 31690

Ion Ratio Lower Upper

43 100

58 39.4 0.0 68.8





#14

Carbon disulfide

Concen: 0.248 ug/L

RT: 2.291 min Scan# 387

Delta R.T. 0.006 min

Lab File: VV029798.D

Acq: 13 Jan 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

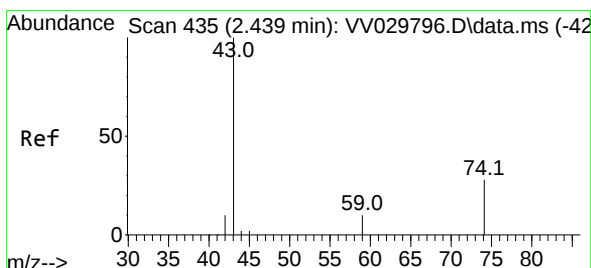
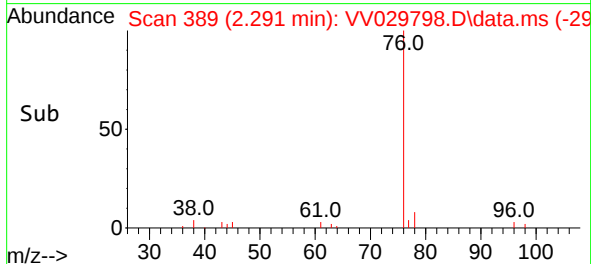
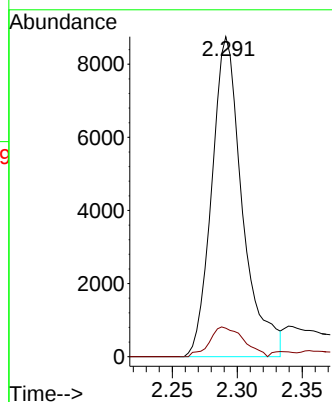
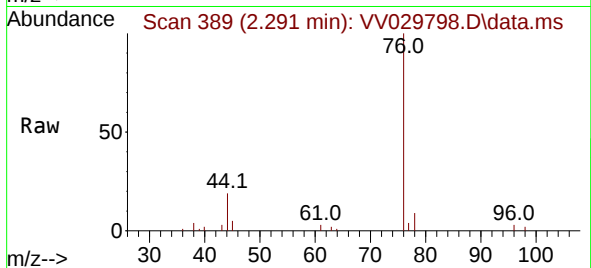
BGJB7

Tgt Ion: 76 Resp: 14337

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#15

Methyl Acetate

Concen: 0.606 ug/L

RT: 2.433 min Scan# 433

Delta R.T. -0.003 min

Lab File: VV029798.D

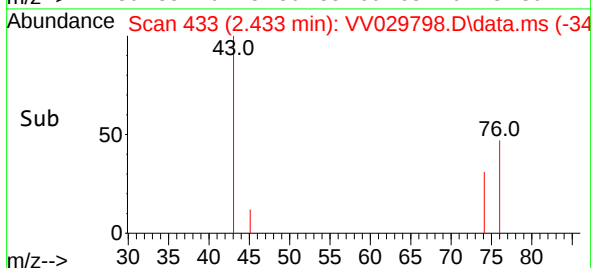
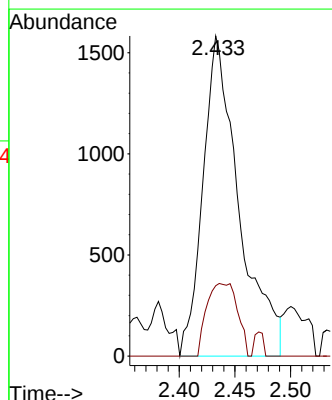
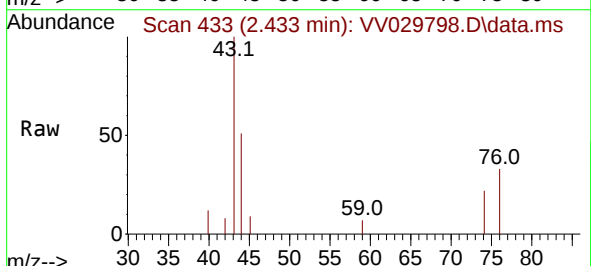
Acq: 13 Jan 2023 11:07

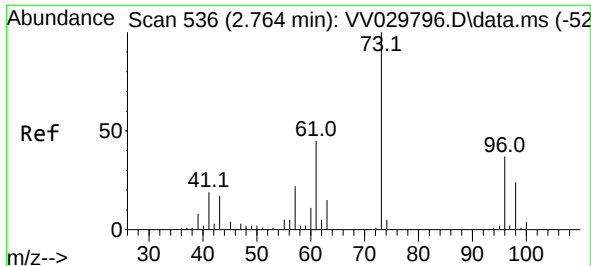
Tgt Ion: 43 Resp: 3563

Ion Ratio Lower Upper

43 100

74 19.2 23.4 35.0#

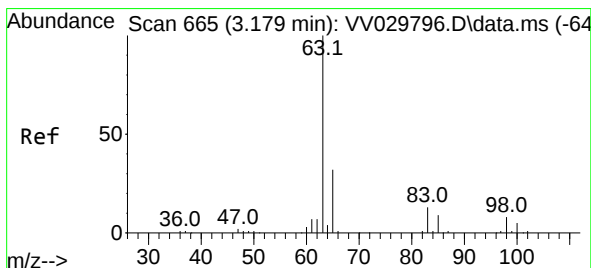
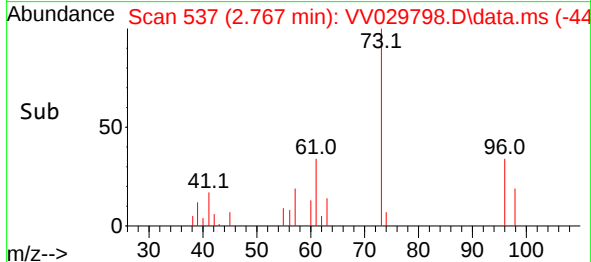
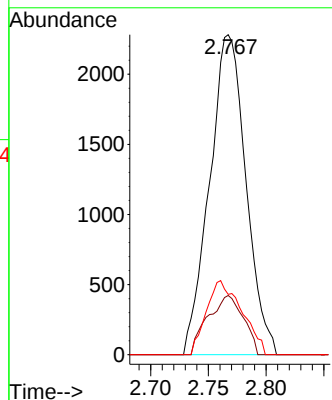
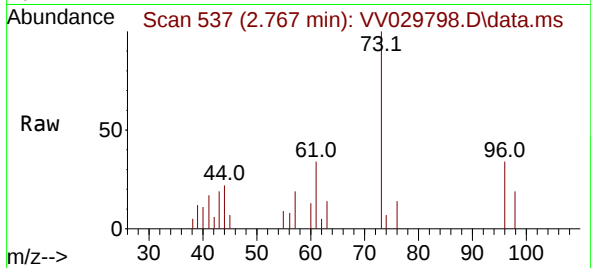




#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

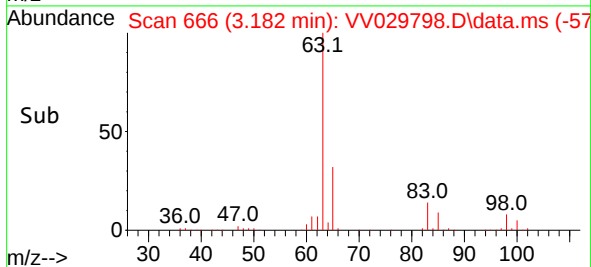
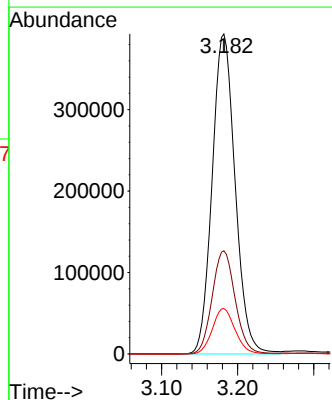
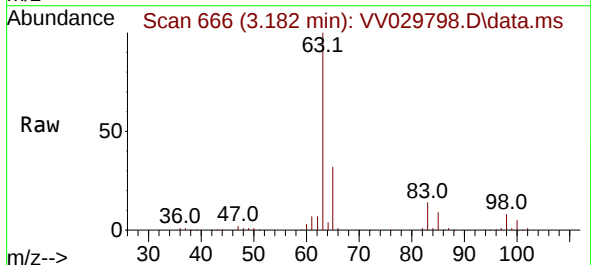
Instrument :
MSVOA_V
ClientSampleId :
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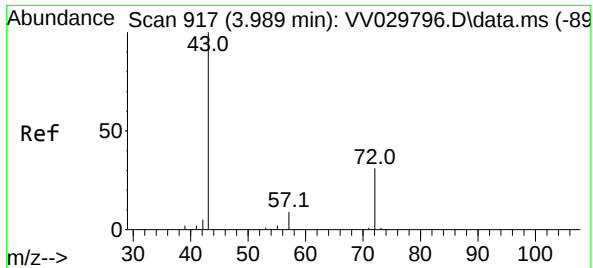
Tgt Ion: 73	Resp:	4995
Ion	Ratio	Lower Upper
73	100	
43	18.1	13.0 19.4
57	22.6	17.1 25.7



#19
1,1-Dichloroethane
Concen: 26.402 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

Tgt Ion: 63	Resp:	825355
Ion	Ratio	Lower Upper
63	100	
65	32.3	22.4 41.6
83	14.2	10.2 19.0

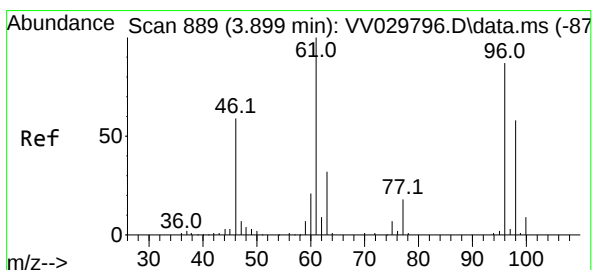
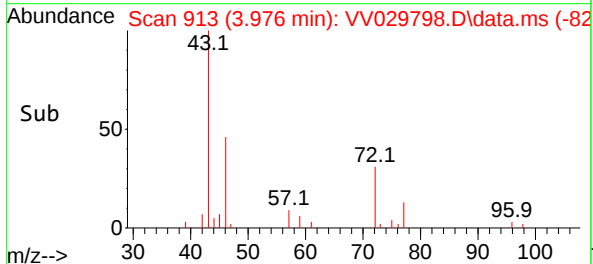
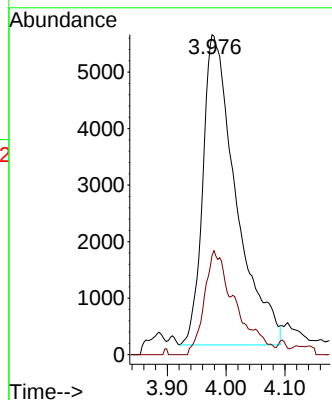
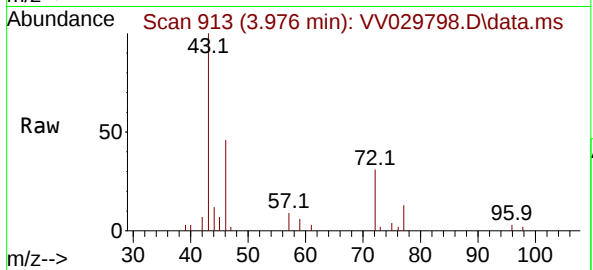




#21
2-Butanone
Concen: 6.623 ug/L
RT: 3.976 min Scan# 917
Delta R.T. -0.006 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

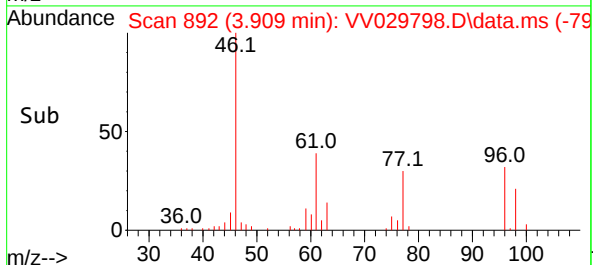
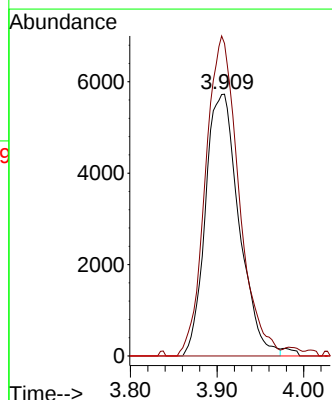
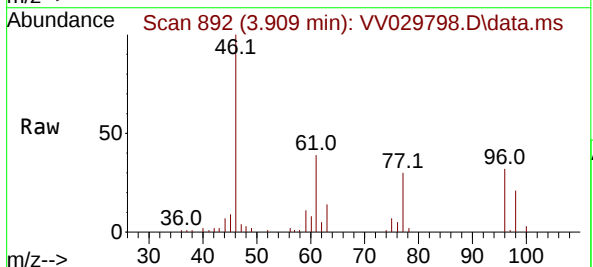
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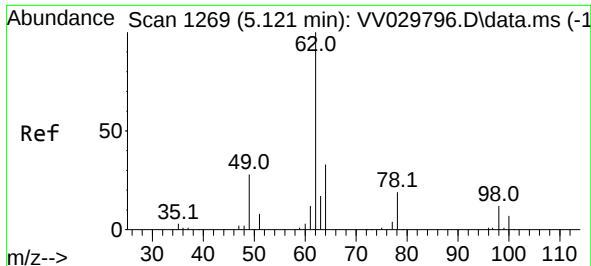
Tgt Ion: 43 Resp: 21434
Ion Ratio Lower Upper
43 100
72 31.9 13.9 41.6



#22
cis-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

Tgt Ion: 96 Resp: 15464
Ion Ratio Lower Upper
96 100
61 119.4 80.0 148.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.624 ug/L

RT: 5.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029798.D

Acq: 13 Jan 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

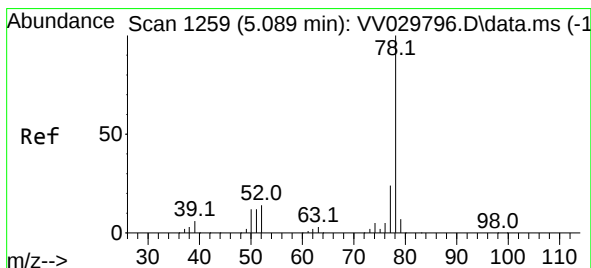
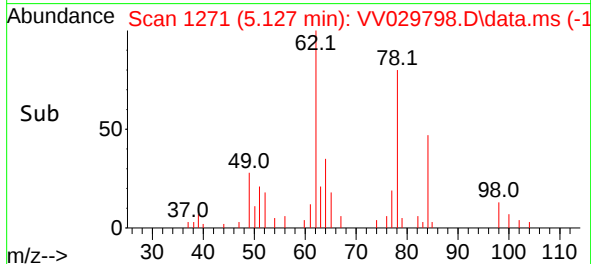
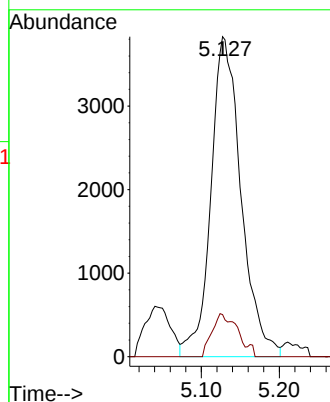
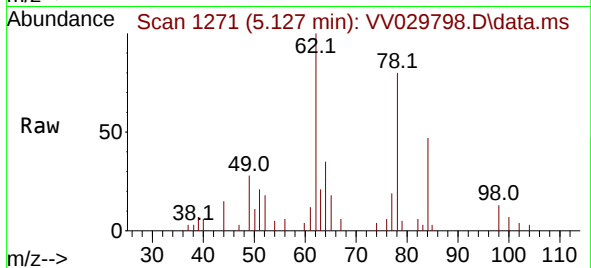
BGJB7

Tgt Ion: 62 Resp: 10304

Ion Ratio Lower Upper

62 100

98 13.2 8.9 13.3



#33

Benzene

Concen: 0.523 ug/L

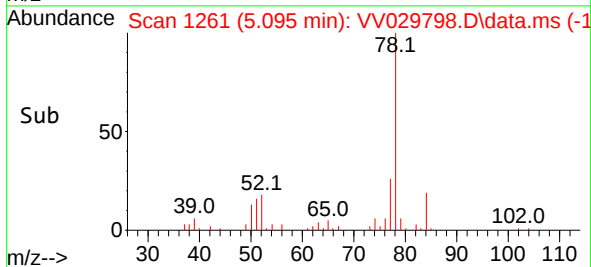
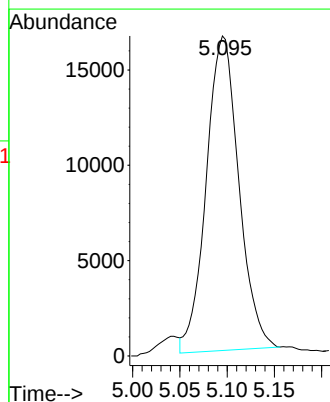
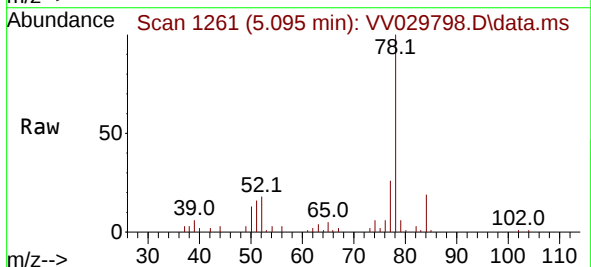
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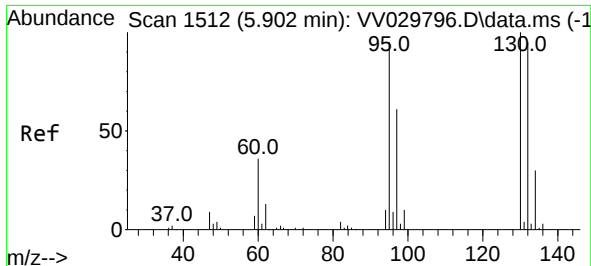
Delta R.T. 0.006 min

Lab File: VV029798.D

Acq: 13 Jan 2023 11:07

Tgt Ion: 78 Resp: 39560





#34

Trichloroethene

Concen: 0.596 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029798.D

Acq: 13 Jan 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

BGJB7

Tgt Ion: 95 Resp: 11429

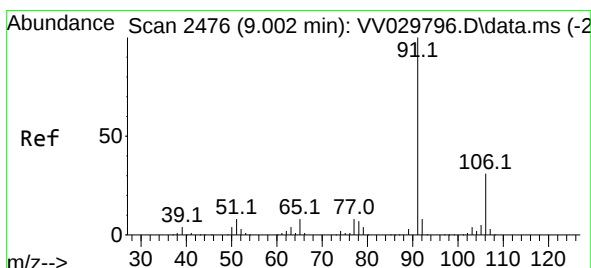
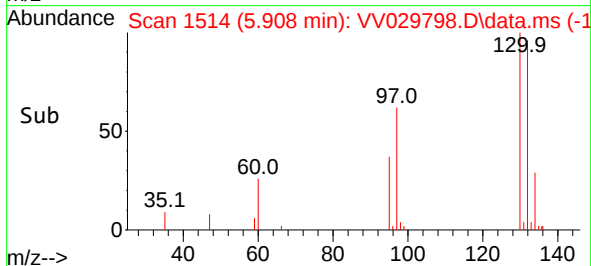
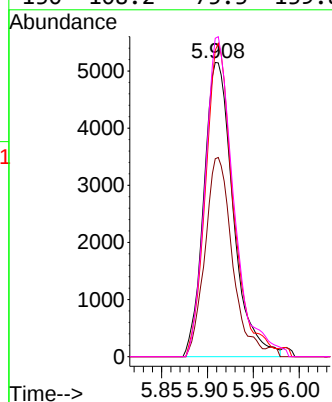
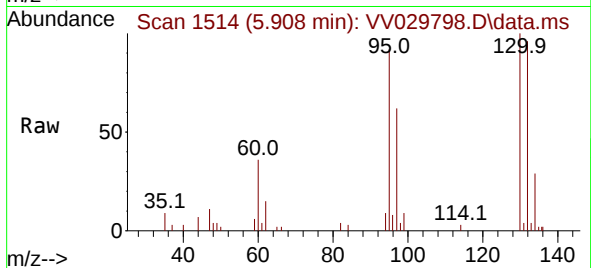
Ion Ratio Lower Upper

95 100

97 67.3 44.9 83.3

132 104.1 71.8 133.4

130 108.2 75.3 139.8



#52

Ethylbenzene

Concen: 0.094 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.006 min

Lab File: VV029798.D

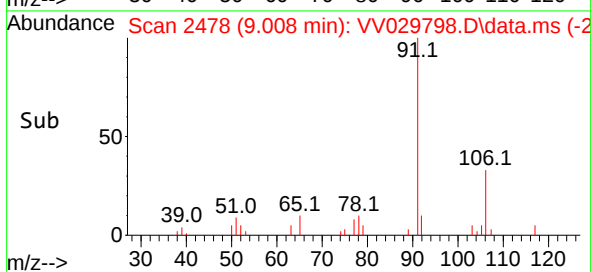
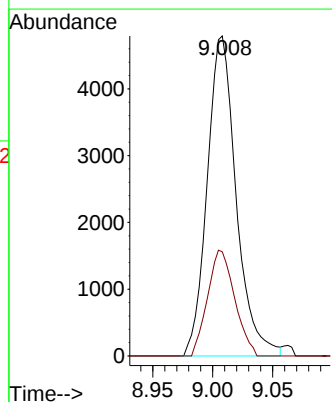
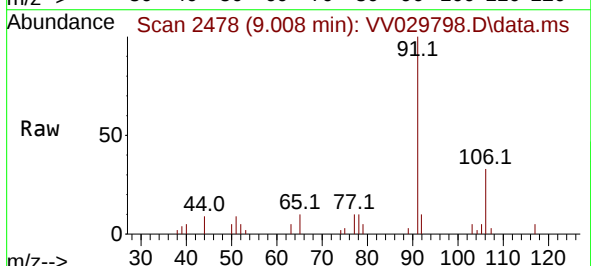
Acq: 13 Jan 2023 11:07

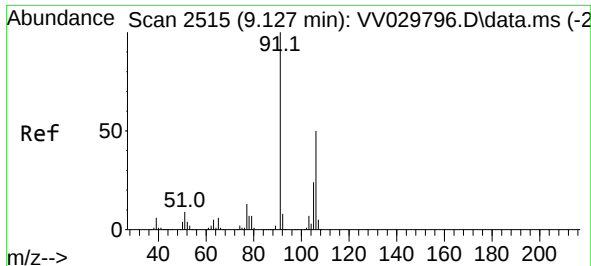
Tgt Ion: 91 Resp: 8060

Ion Ratio Lower Upper

91 100

106 32.6 21.9 40.7

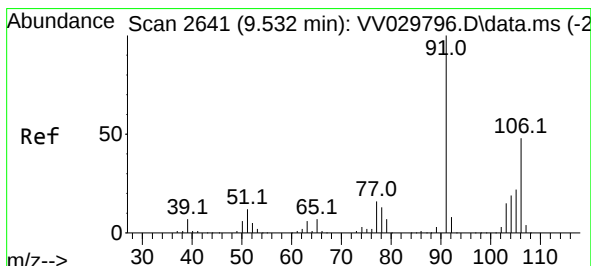
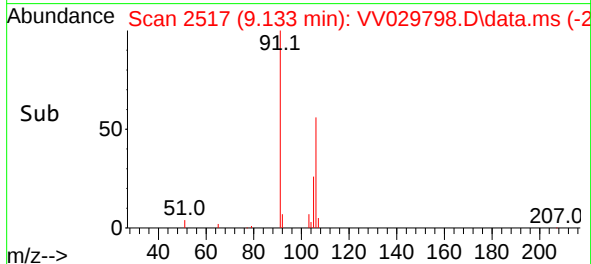
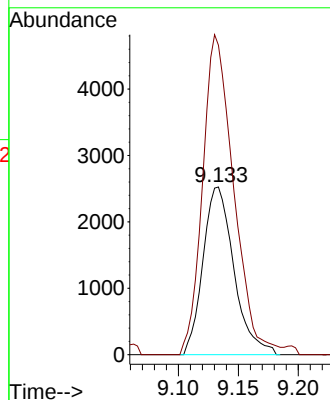
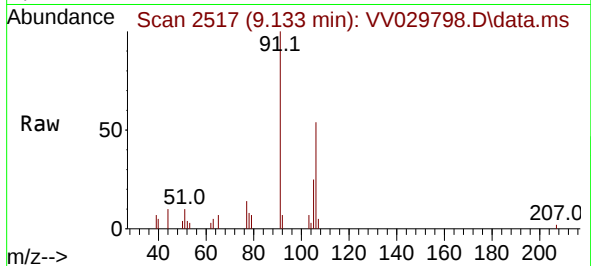




#53
m,p-Xylene
Concen: 0.134 ug/L
RT: 9.133 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

Instrument :
MSVOA_V
ClientSampleId :
BGJB7

Tgt Ion:106 Resp: 4533
Ion Ratio Lower Upper
106 100
91 184.5 138.7 257.7



#54
o-Xylene
Concen: 0.097 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.006 min
Lab File: VV029798.D
Acq: 13 Jan 2023 11:07

Tgt Ion:106 Resp: 3122
Ion Ratio Lower Upper
106 100
91 185.3 147.7 274.3

