

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026770.D
 Acq On : 14 Jul 2022 12:03
 Operator : SY/MD
 Sample : N3658-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Quant Time: Jul 15 06:41:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	284250	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	223868	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.252	152	87611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80798	3.116	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.565	69	77901	3.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.101	63	114730	2.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.976	46	257865	63.714	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.420%
24) Chloroform-d	4.365	84	185278	4.086	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.040	65	94444	4.768	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.043	84	334419	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.072	67	104134	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.342	98	216965	3.593	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.648	79	27762	4.160	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.121	63	135621	46.942	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.880%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	77893	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	74933	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1891	0.055	ug/L #	81
6) Bromomethane	1.523	94	1609	0.076	ug/L	94
8) Chloroethane	1.307	64	3268	0.157	ug/L	88
14) Carbon disulfide	2.282	76	23870	0.325	ug/L	100
15) Methyl Acetate	2.230	43	10141	1.472	ug/L #	50
16) Methylene chloride	2.500	84	12441	0.419	ug/L	93
17) Methyl tert-butyl Ether	2.780	73	3204	0.075	ug/L #	79
25) Chloroform	4.391	83	130237	2.973	ug/L	100
27) 1,2-Dichloroethane	5.047	62	1972	0.084	ug/L	97
33) Benzene	5.092	78	5678	0.076	ug/L	100
35) Methylcyclohexane	6.072	83	25508	0.909	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	11146	0.623	ug/L #	84
39) cis-1,3-Dichloropropene	7.014	75	1954	0.088	ug/L #	54
40) 4-Methyl-2-pentanone	7.188	43	12170	1.472	ug/L #	44
53) m,p-Xylene	9.159	106	1214	0.042	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	10030	1.241	ug/L #	65

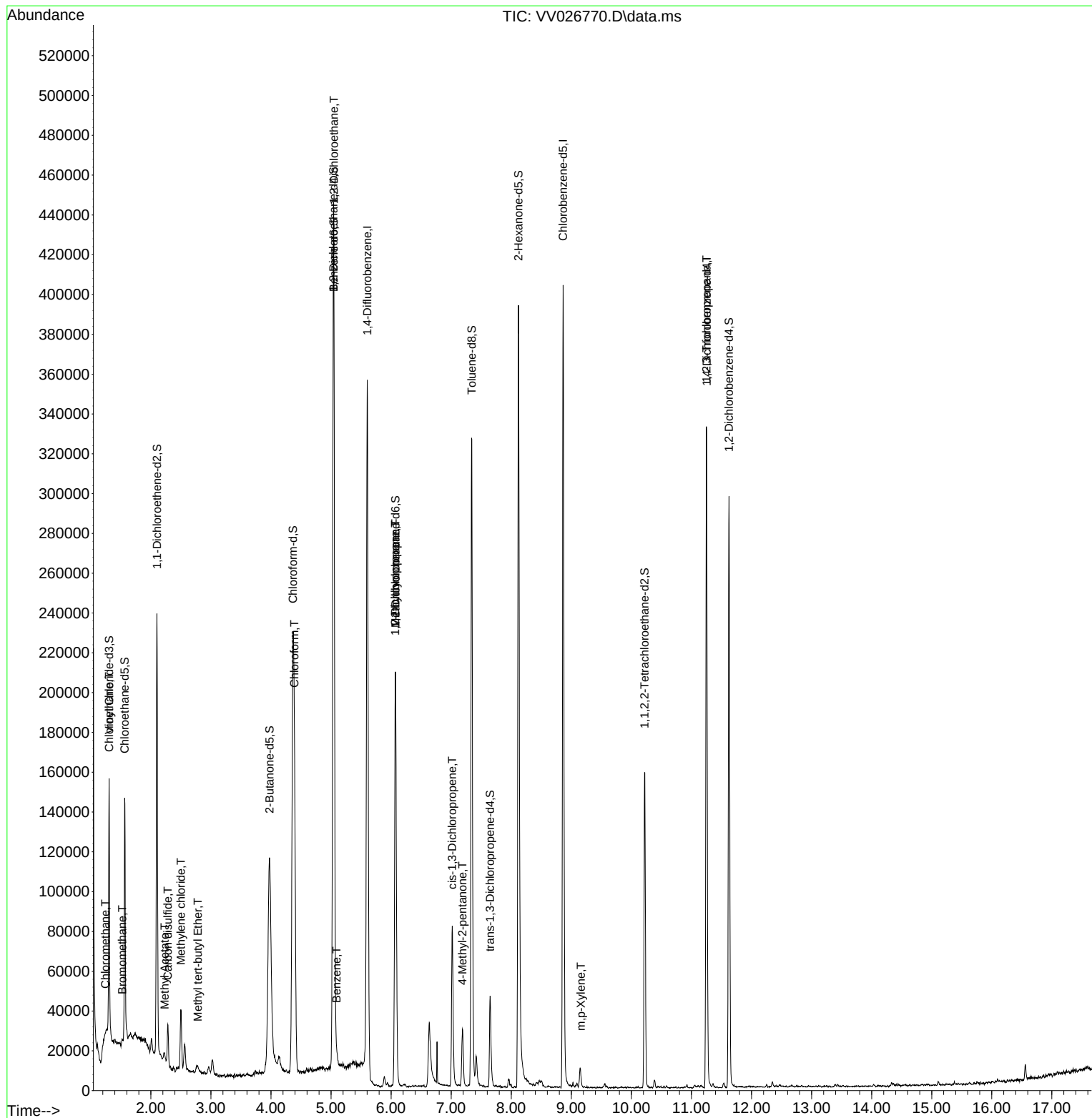
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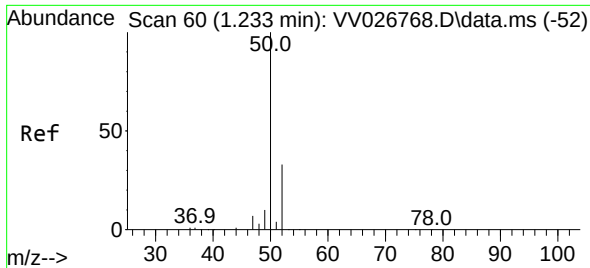
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
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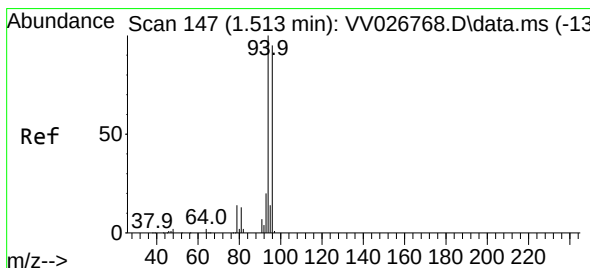
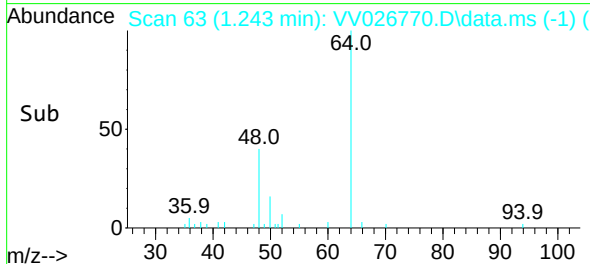
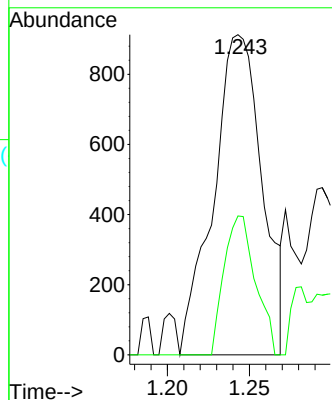
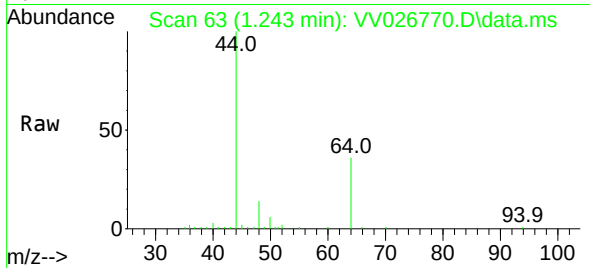




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

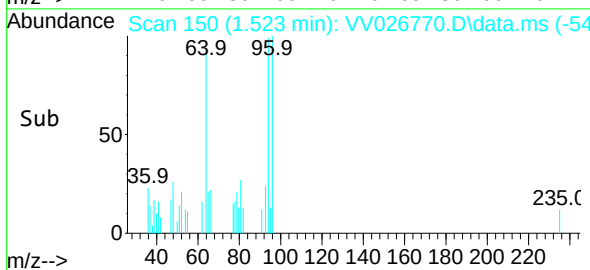
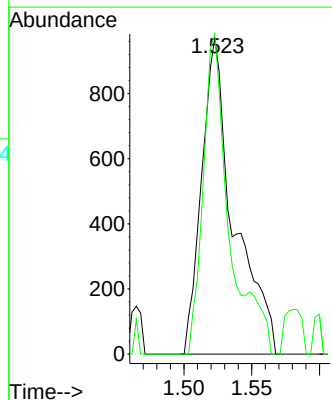
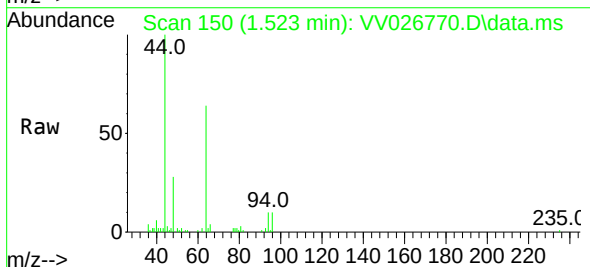
Instrument :
MSVOA_V
ClientSampleId :
C0AP4

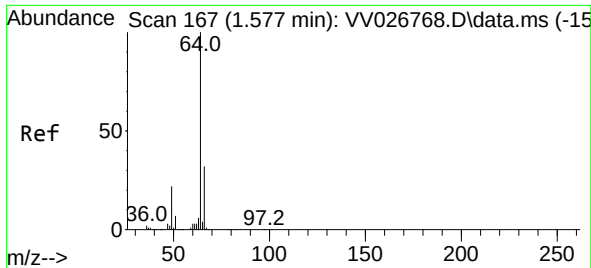
Tgt Ion: 50 Resp: 1891
Ion Ratio Lower Upper
50 100
52 43.4 22.8 42.4#



#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 94 Resp: 1609
Ion Ratio Lower Upper
94 100
96 101.3 67.1 124.7

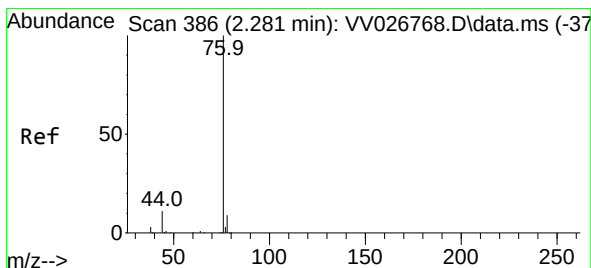
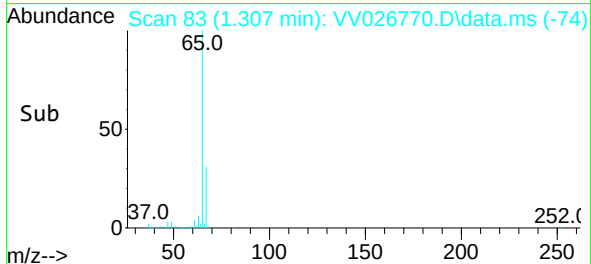
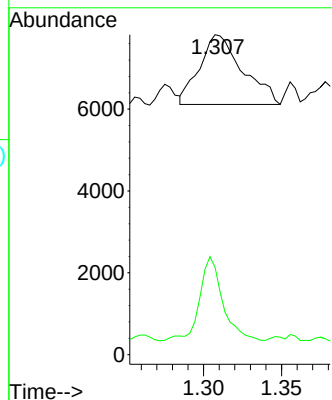
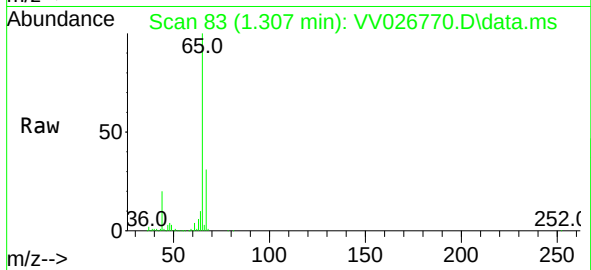




#8
Chloroethane
Concen: 0.157 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

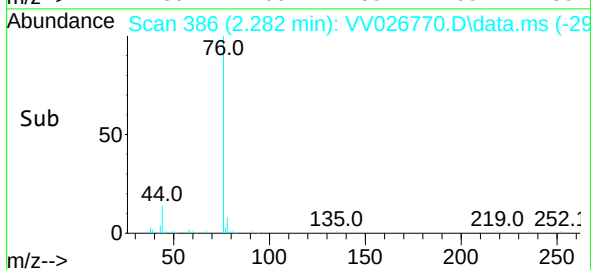
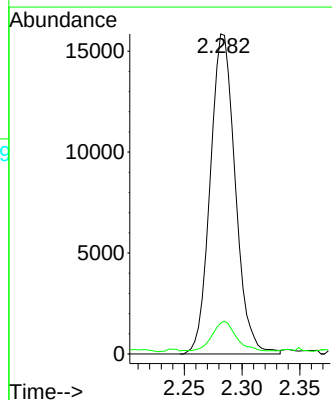
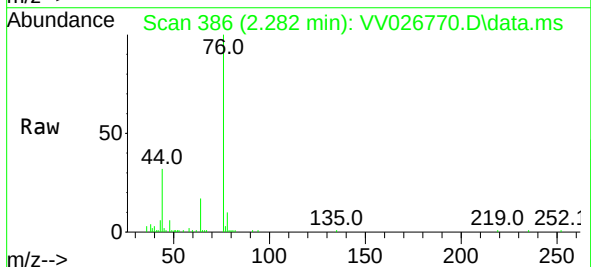
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ClientSampleId :
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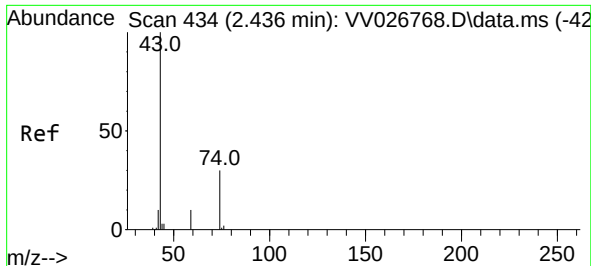
Tgt Ion: 64 Resp: 3268
Ion Ratio Lower Upper
64 100
66 27.3 23.9 44.5



#14
Carbon disulfide
Concen: 0.325 ug/L
RT: 2.282 min Scan# 386
Delta R.T. 0.000 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 76 Resp: 23870
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

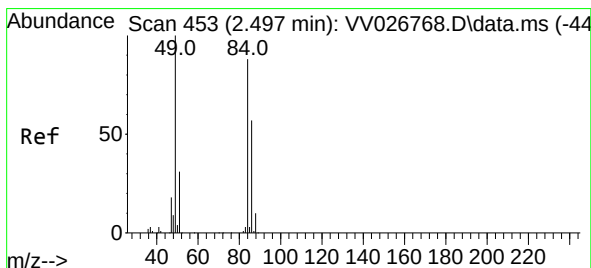
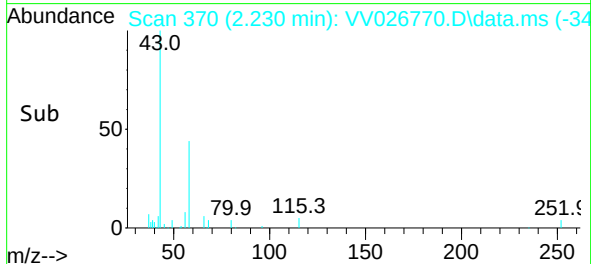
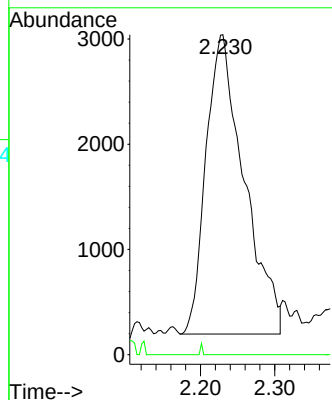
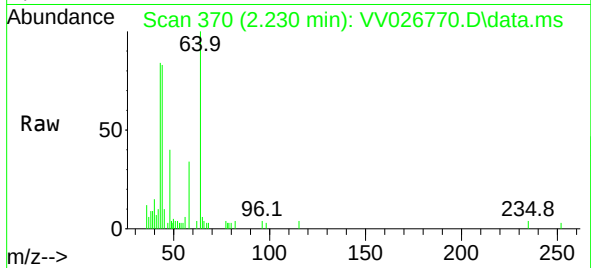




#15
Methyl Acetate
Concen: 1.472 ug/L
RT: 2.230 min Scan# 31
Delta R.T. -0.206 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

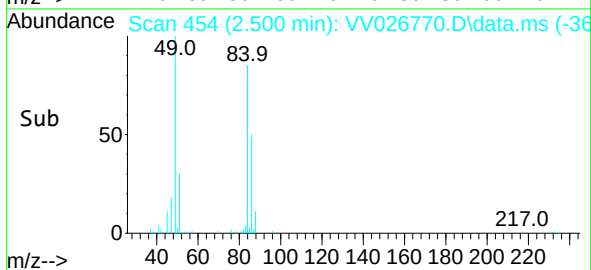
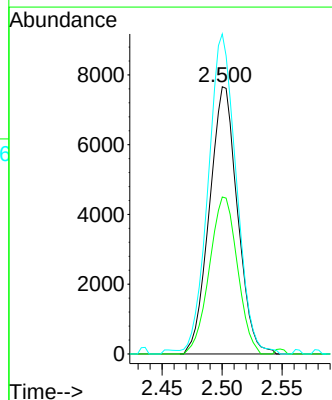
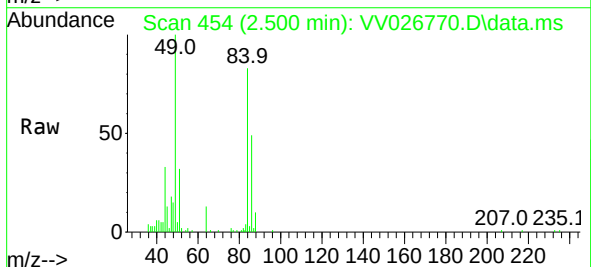
Instrument :
MSVOA_V
ClientSampleId :
C0AP4

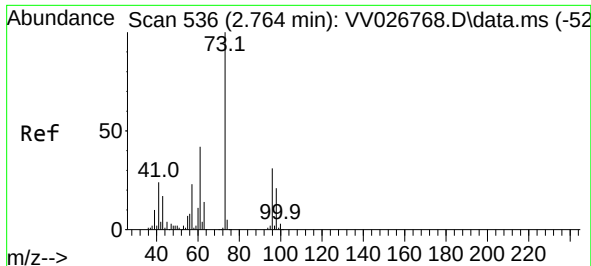
Tgt Ion: 43 Resp: 10141
Ion Ratio Lower Upper
43 100
74 0.2 20.1 30.1#



#16
Methylene chloride
Concen: 0.419 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 84 Resp: 12441
Ion Ratio Lower Upper
84 100
86 58.8 44.8 83.2
49 119.8 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 0.075 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.016 min

Lab File: VV026770.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_V

ClientSampleId :

C0AP4

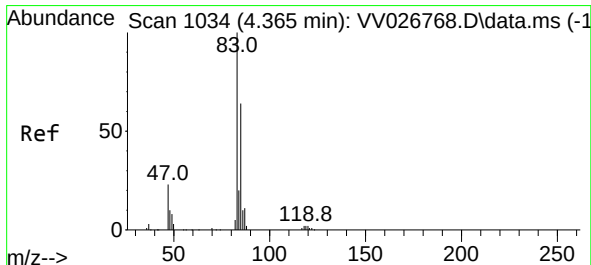
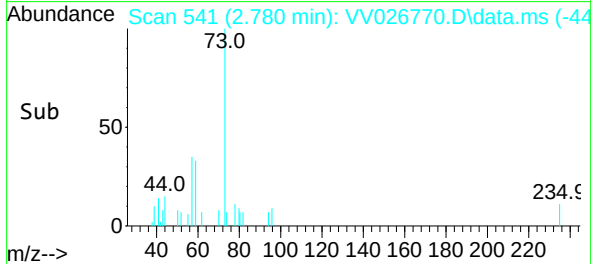
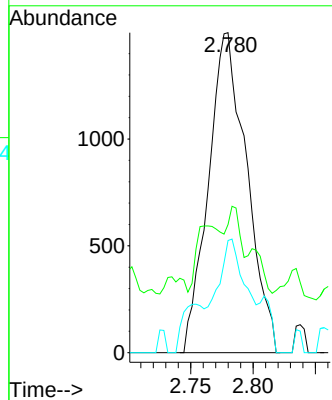
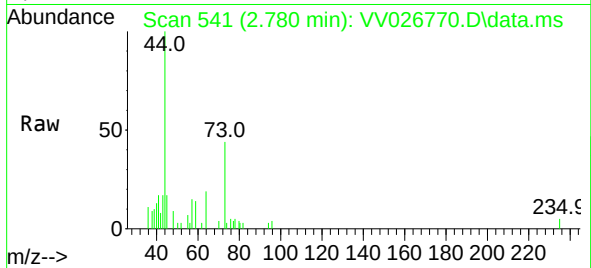
Tgt Ion: 73 Resp: 3204

Ion Ratio Lower Upper

73 100

43 4.1 14.0 21.0#

57 15.9 17.6 26.4#



#25

Chloroform

Concen: 2.973 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.026 min

Lab File: VV026770.D

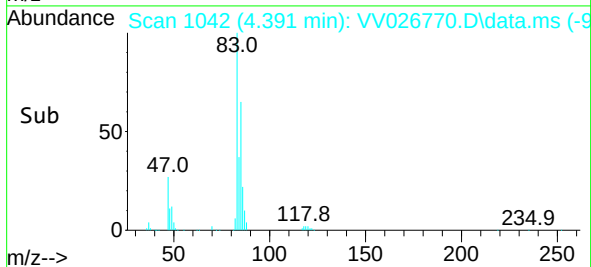
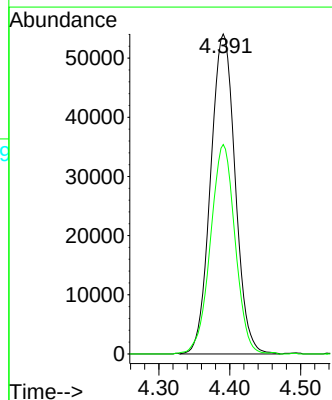
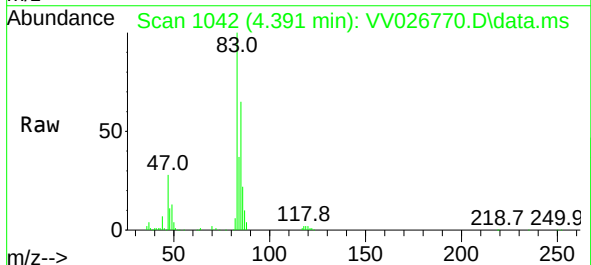
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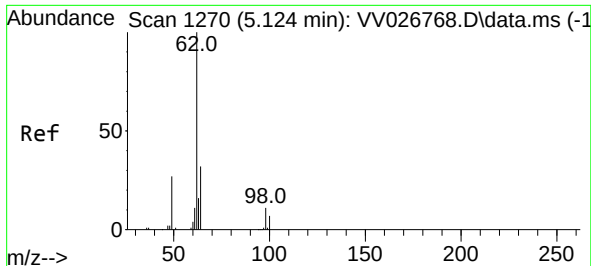
Tgt Ion: 83 Resp: 130237

Ion Ratio Lower Upper

83 100

85 65.5 45.7 84.9





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV026770.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_V

ClientSampleId :

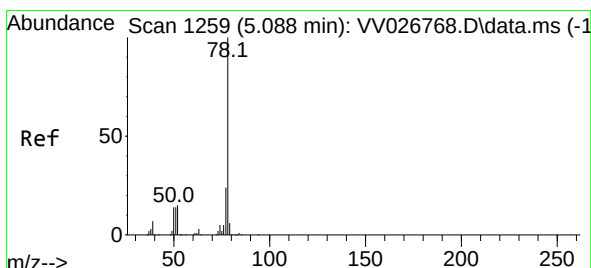
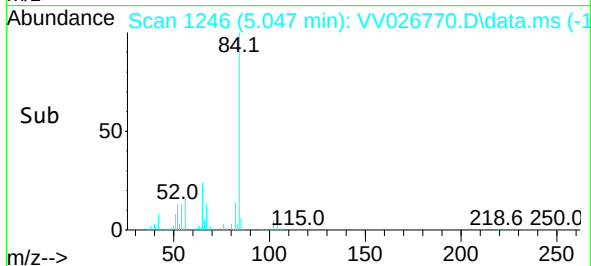
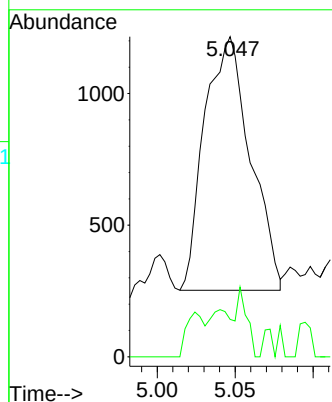
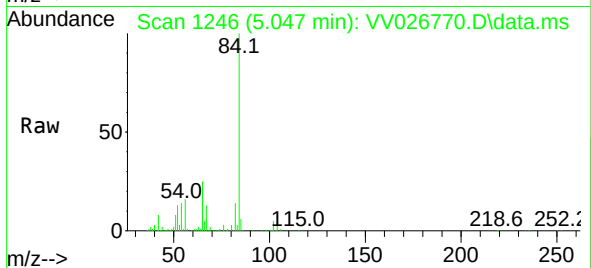
C0AP4

Tgt Ion: 62 Resp: 1972

Ion Ratio Lower Upper

62 100

98 11.7 8.3 12.5



#33

Benzene

Concen: 0.076 ug/L

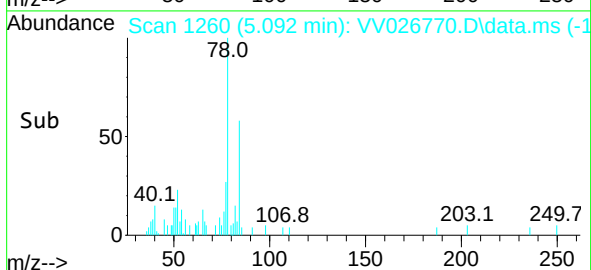
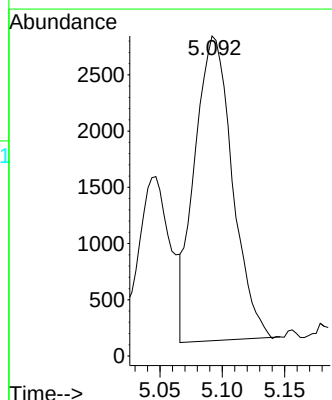
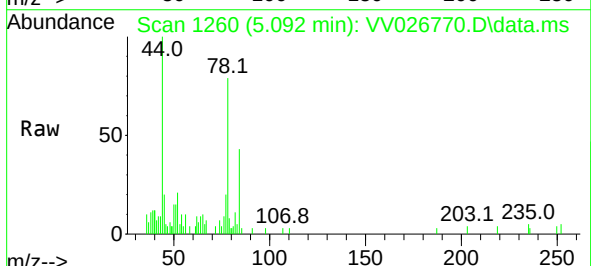
RT: 5.092 min Scan# 1260

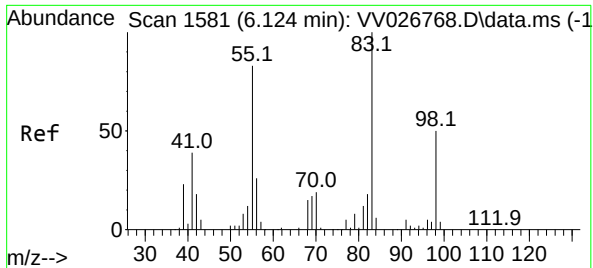
Delta R.T. 0.003 min

Lab File: VV026770.D

Acq: 14 Jul 2022 12:03

Tgt Ion: 78 Resp: 5678

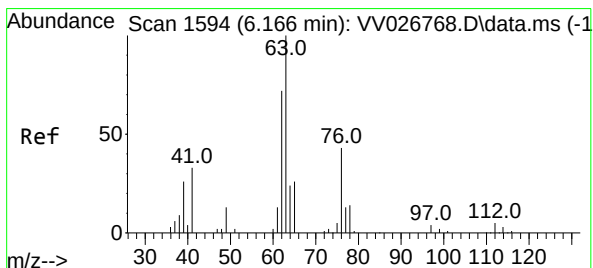
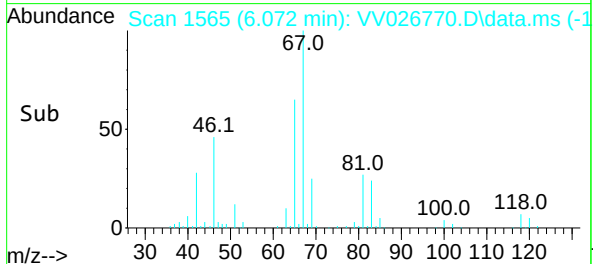
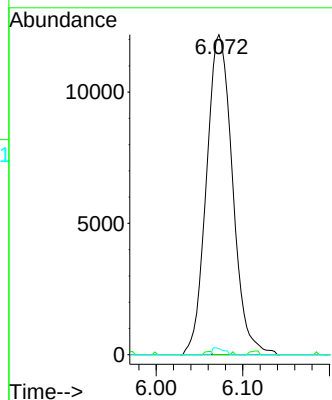
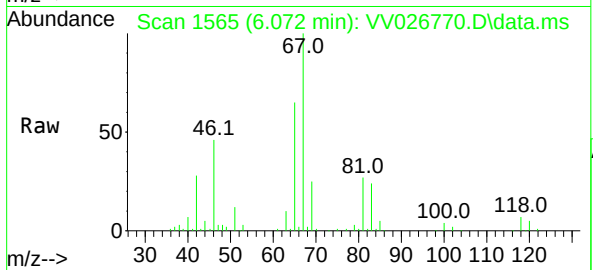




#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

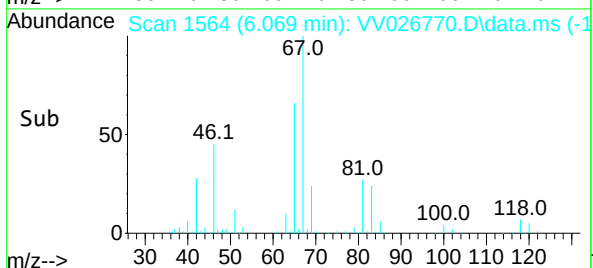
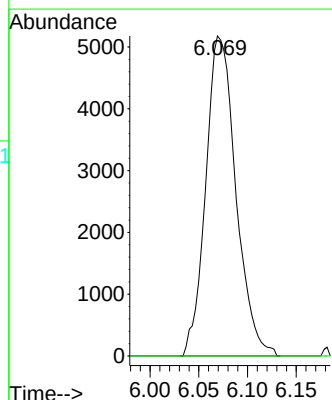
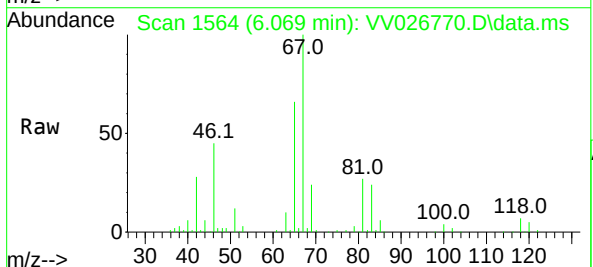
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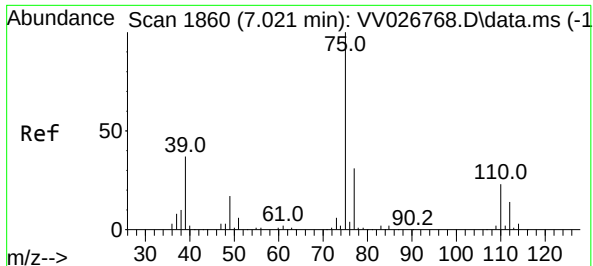
Tgt Ion: 83 Resp: 25508
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 0.9 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.096 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 63 Resp: 11146
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.014 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV026770.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_V

ClientSampleId :

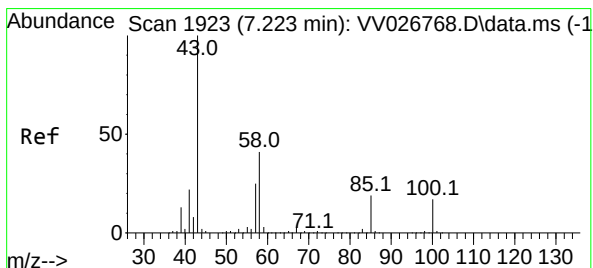
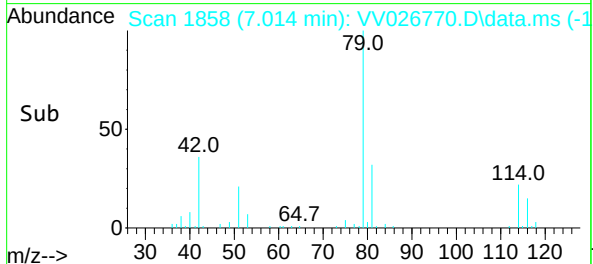
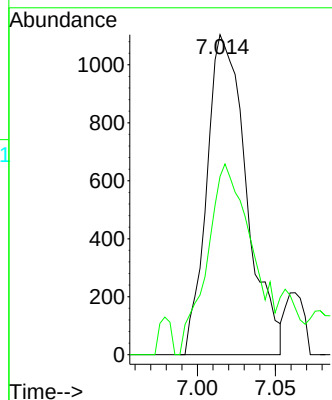
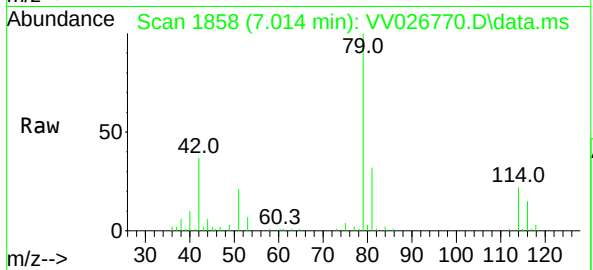
C0AP4

Tgt Ion: 75 Resp: 1954

Ion Ratio Lower Upper

75 100

77 55.7 21.4 39.8#



#40

4-Methyl-2-pentanone

Concen: 1.472 ug/L

RT: 7.188 min Scan# 1912

Delta R.T. -0.035 min

Lab File: VV026770.D

Acq: 14 Jul 2022 12:03

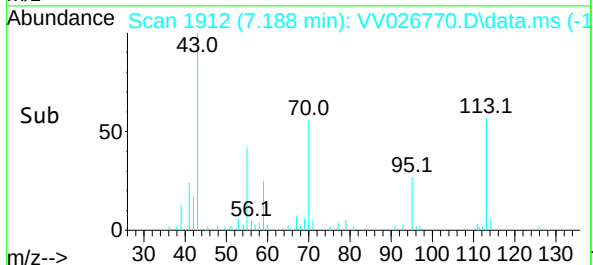
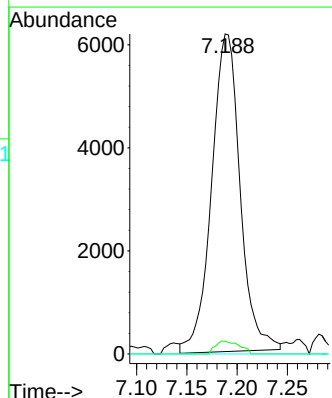
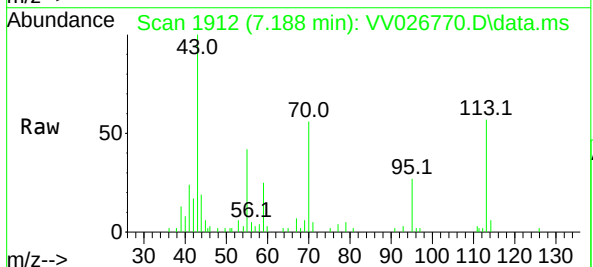
Tgt Ion: 43 Resp: 12170

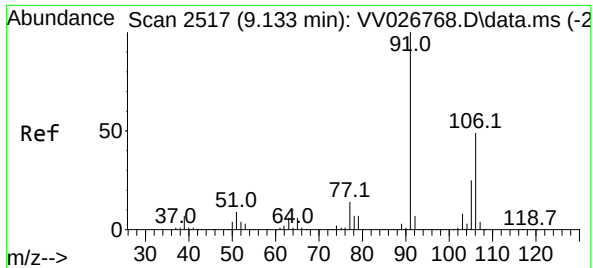
Ion Ratio Lower Upper

43 100

58 3.4 34.6 51.8#

100 0.0 13.6 20.4#

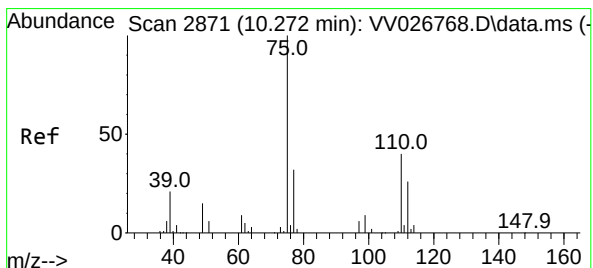
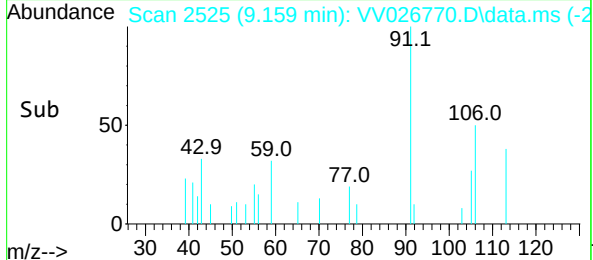
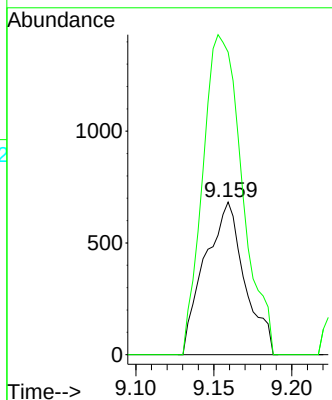
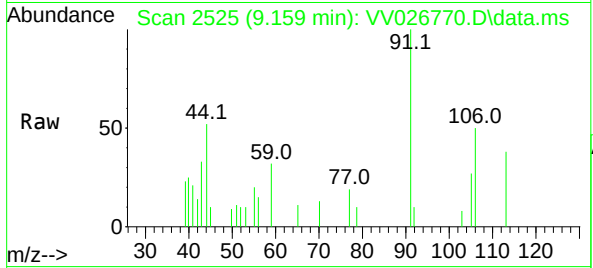




#53
m,p-Xylene
Concen: 0.042 ug/L
RT: 9.159 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Instrument :
MSVOA_V
ClientSampleId :
C0AP4

Tgt Ion:106 Resp: 1214
Ion Ratio Lower Upper
106 100
91 198.2 139.3 258.7



#61
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026770.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 75 Resp: 10030
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 2.5 31.8 47.6#

