

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030326.D
 Acq On : 29 Mar 2023 14:52
 Operator : SY/MD
 Sample : 02099-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5

Quant Time: Mar 30 02:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	139246	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40158	4.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.536	69	43262	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.063	63	71706	3.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.838	46	104495	43.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.680%
24) Chloroform-d	4.259	84	111612	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.954	65	55859	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.970	84	194802	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.998	67	65024	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.252	98	162791	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.564	79	21314	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.037	63	103857	55.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.080%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	48463	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	64656	5.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4232	0.189	ug/L	95
6) Bromomethane	1.494	94	399	0.086	ug/L	93
15) Methyl Acetate	2.185	43	1508	0.370	ug/L #	47
17) Methyl tert-butyl Ether	2.712	73	1323559	53.713	ug/L	99
33) Benzene	5.021	78	20453	0.411	ug/L	100
35) Methylcyclohexane	5.995	83	16351	0.776	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	7751	0.607	ug/L #	88
42) Toluene	7.326	91	25030	0.472	ug/L	99
44) trans-1,3-Dichloropropene	7.561	75	1245	0.081	ug/L #	48
45) 1,1,2-Trichloroethane	7.912	97	2545	0.283	ug/L #	1
47) Tetrachloroethene	7.912	164	279422	23.591	ug/L	96
49) Dibromochloromethane	7.912	129	243682	22.759	ug/L #	12
52) Ethylbenzene	8.957	91	6265	0.108	ug/L	98
53) m,p-Xylene	9.082	106	2931	0.132	ug/L	92
54) o-Xylene	9.487	106	1885	0.089	ug/L	89
61) 1,2,3-Trichloropropane	11.194	75	7194	1.207	ug/L #	60

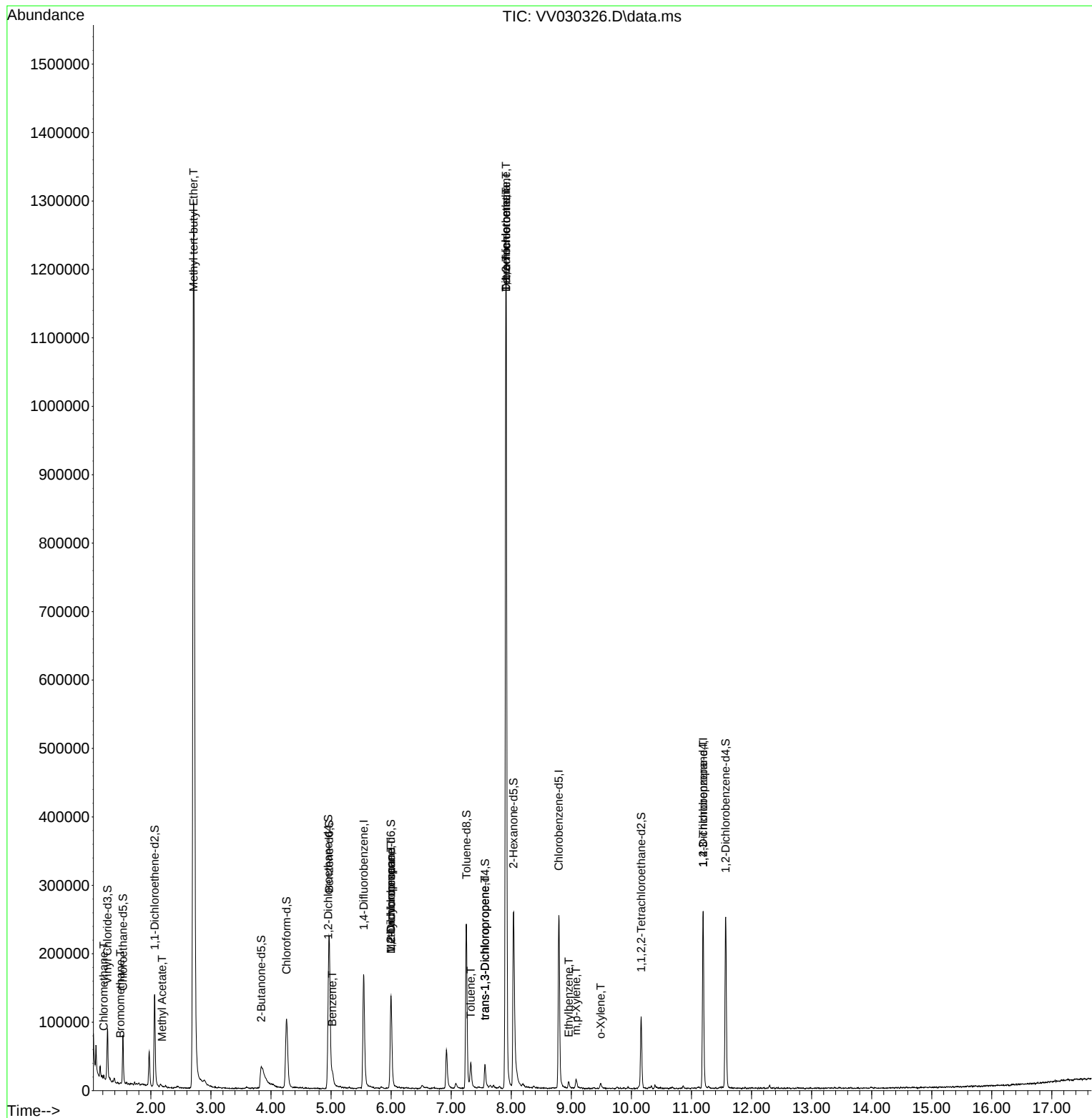
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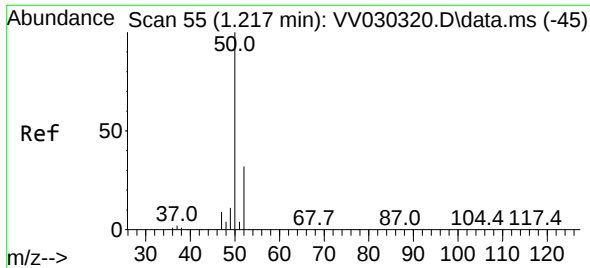
Instrument :
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ClientSampleId :
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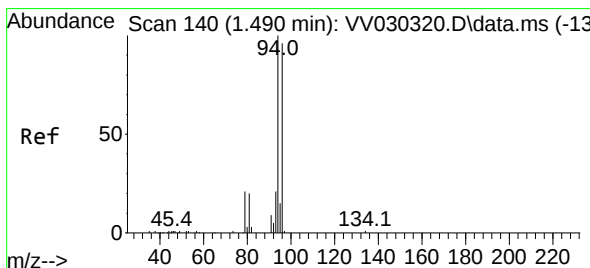
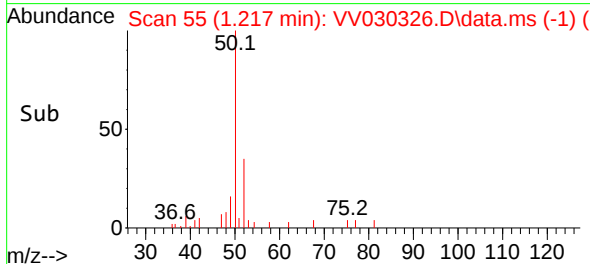
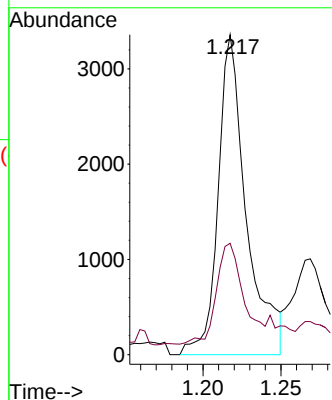
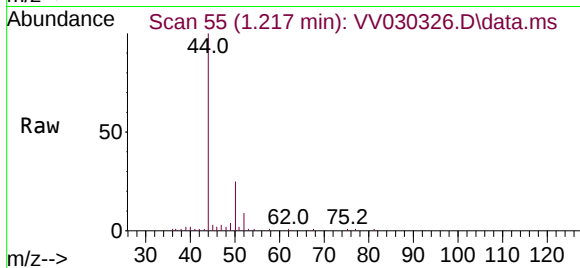




#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

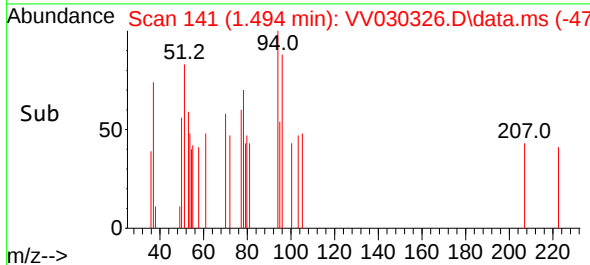
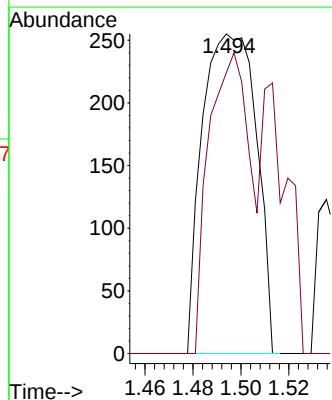
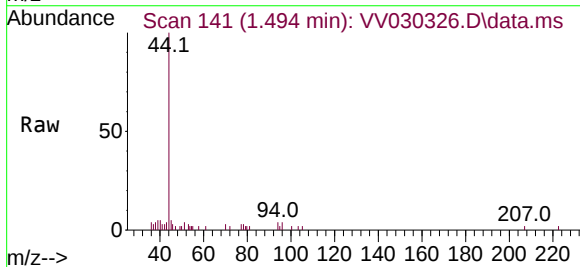
Instrument :
MSVOA_V
ClientSampleId :
H0AA5

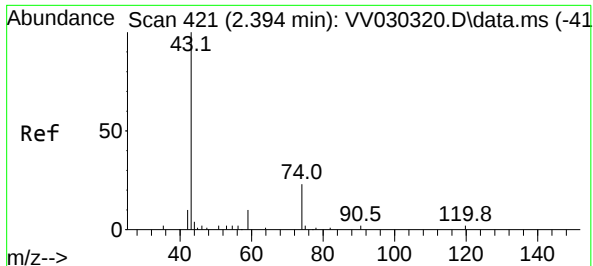
Tgt Ion: 50 Resp: 4232
Ion Ratio Lower Upper
50 100
52 34.8 22.3 41.5



#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 87.8 66.1 122.7

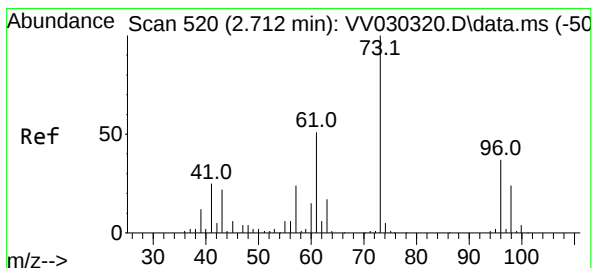
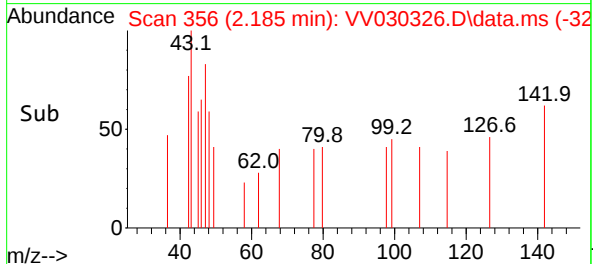
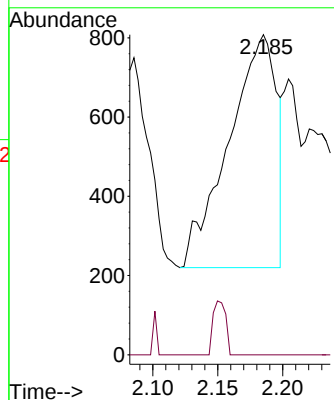
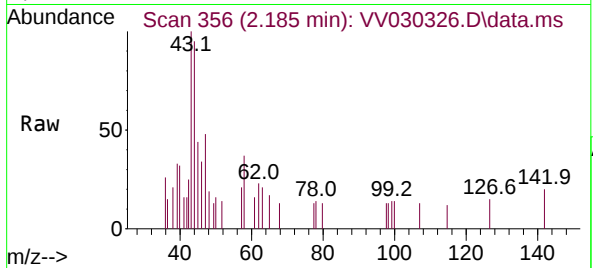




#15
Methyl Acetate
Concen: 0.370 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.209 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

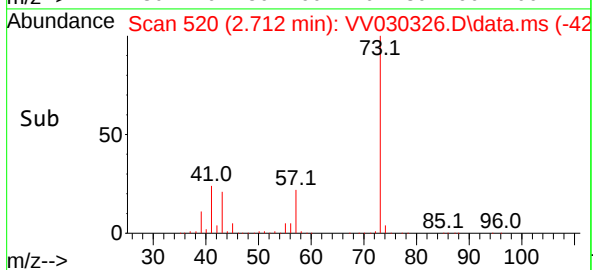
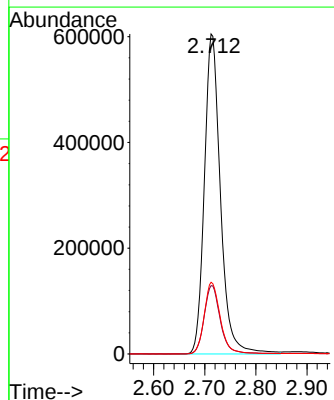
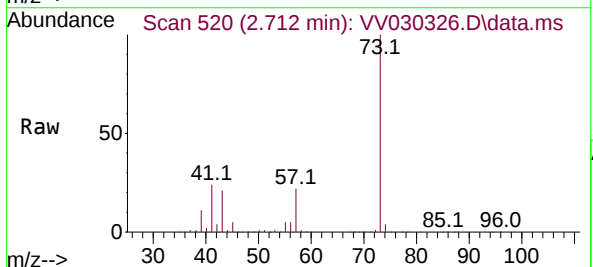
Instrument :
MSVOA_V
ClientSampleId :
H0AA5

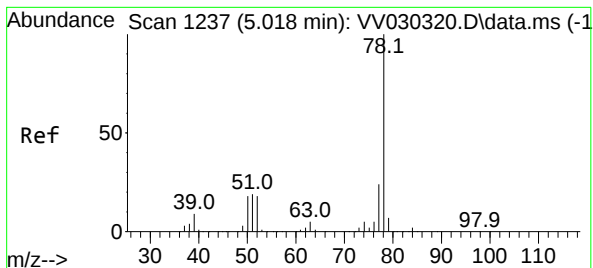
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#17
Methyl tert-butyl Ether
Concen: 53.713 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion: 73 Resp: 1323559
Ion Ratio Lower Upper
73 100
43 21.4 17.4 26.2
57 22.5 18.3 27.5





#33

Benzene

Concen: 0.411 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

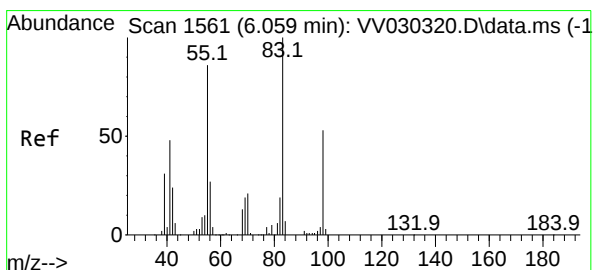
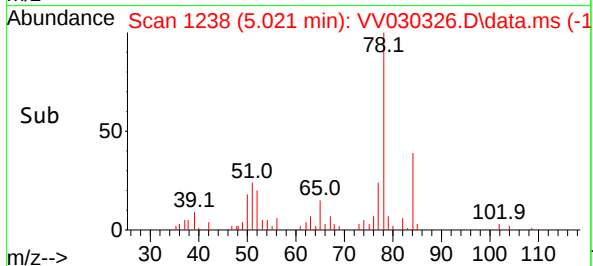
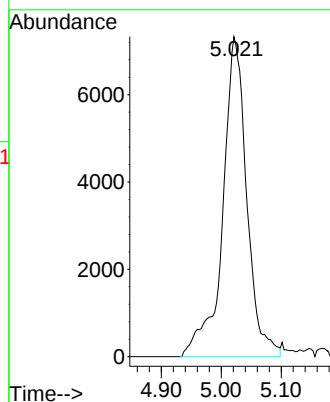
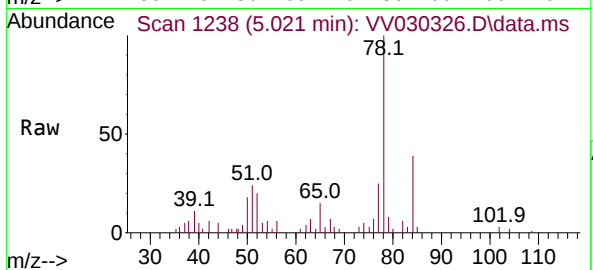
Instrument :

MSVOA_V

ClientSampleId :

H0AA5

Tgt Ion: 78 Resp: 20453



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.064 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

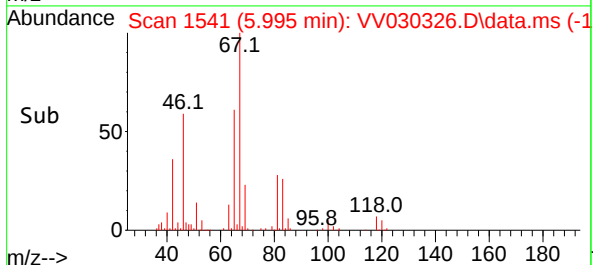
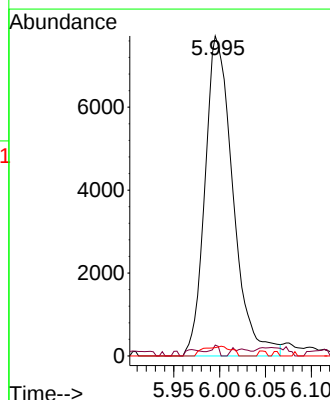
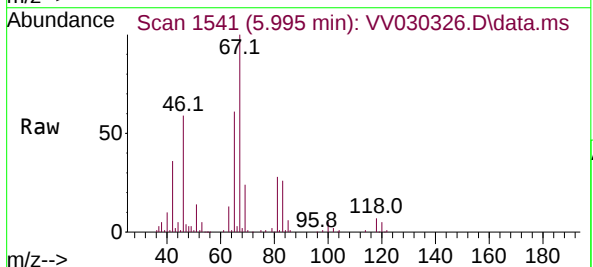
Tgt Ion: 83 Resp: 16351

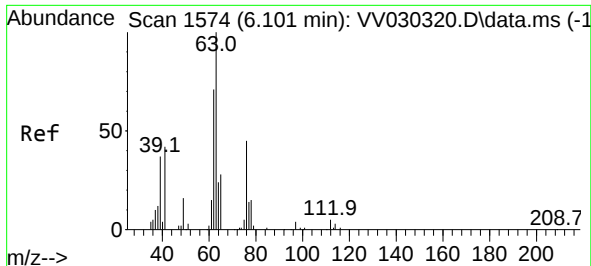
Ion Ratio Lower Upper

83 100

55 1.0 66.6 100.0#

98 2.9 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

Instrument :

MSVOA_V

ClientSampleId :

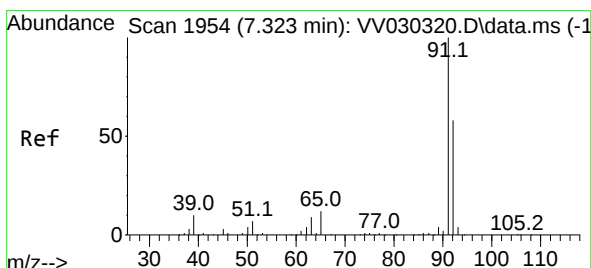
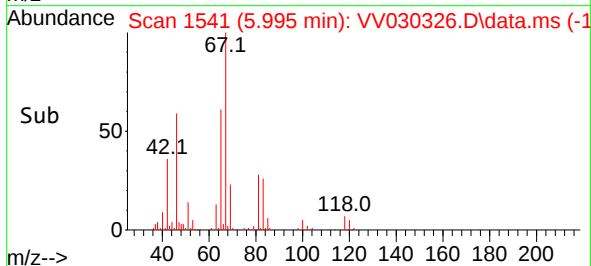
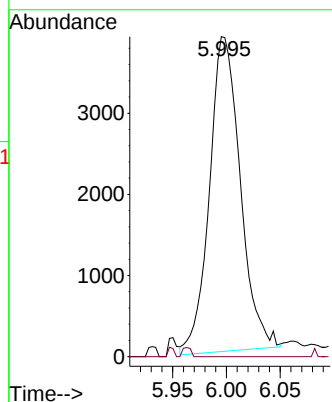
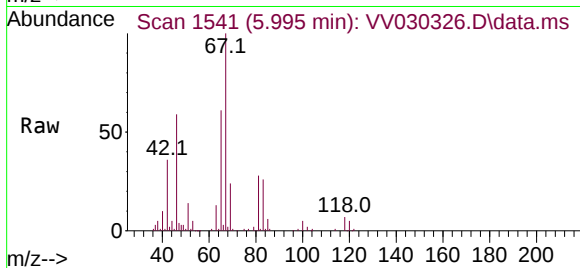
H0AA5

Tgt Ion: 63 Resp: 7751

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



#42

Toluene

Concen: 0.472 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030326.D

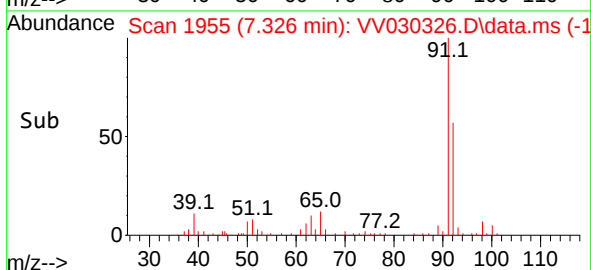
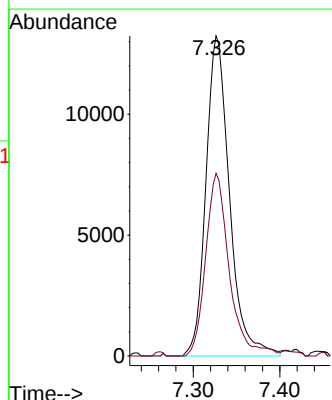
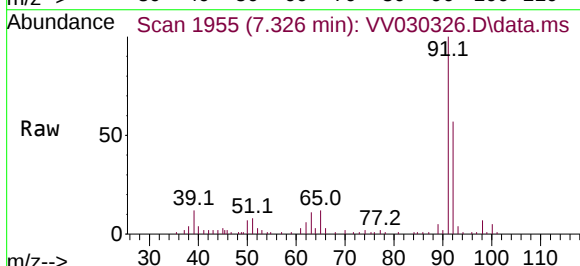
Acq: 29 Mar 2023 14:52

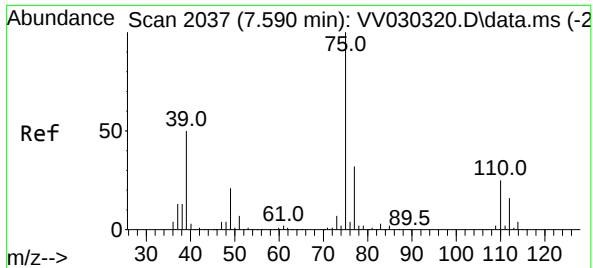
Tgt Ion: 91 Resp: 25030

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0

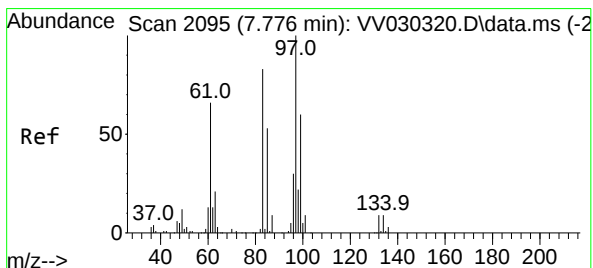
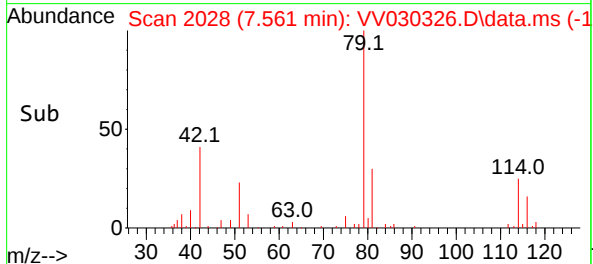
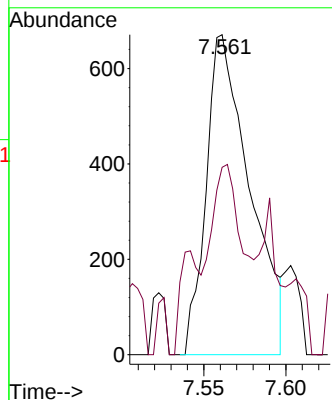
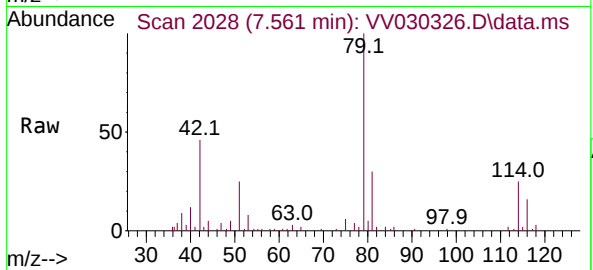




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.561 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

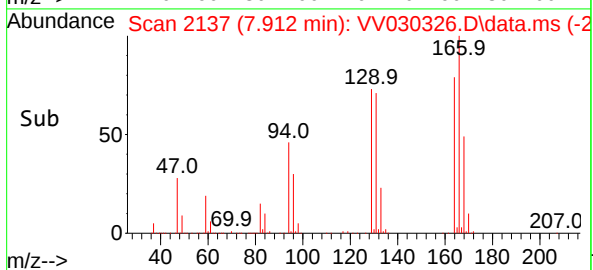
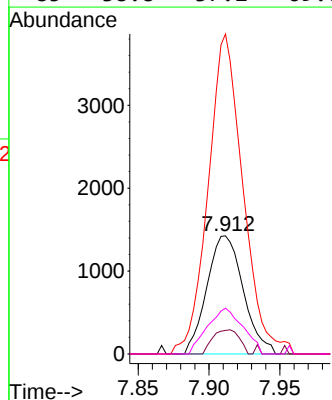
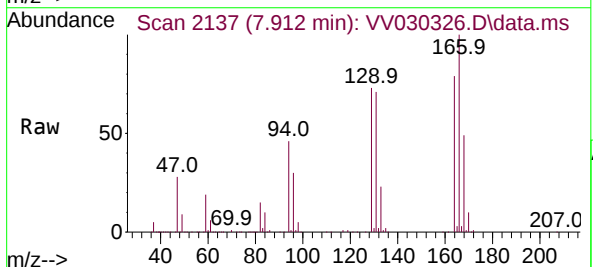
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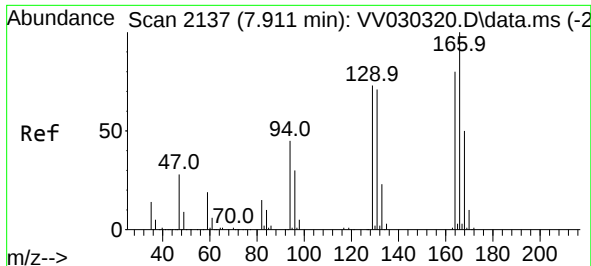
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
77 58.6 21.2 39.4#



#45
1,1,2-Trichloroethane
Concen: 0.283 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.135 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

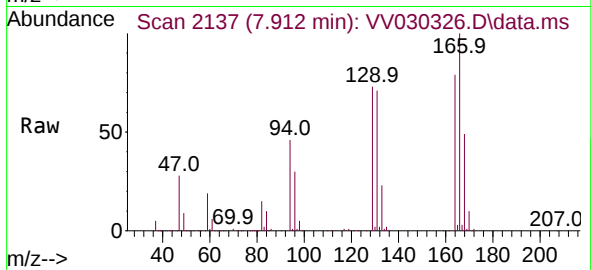
Tgt Ion: 97 Resp: 2545
Ion Ratio Lower Upper
97 100
99 19.9 44.0 81.8#
83 271.1 58.8 109.2#
85 38.8 37.2 69.0



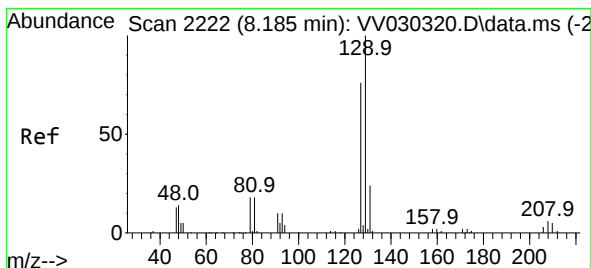
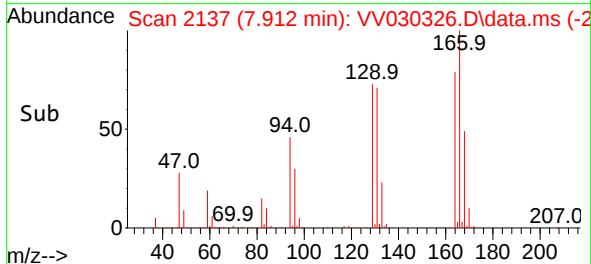
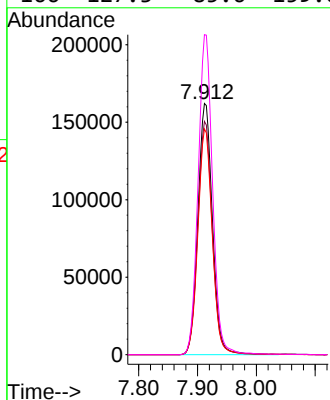


#47
Tetrachloroethene
Concen: 23.591 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Instrument :
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H0AA5

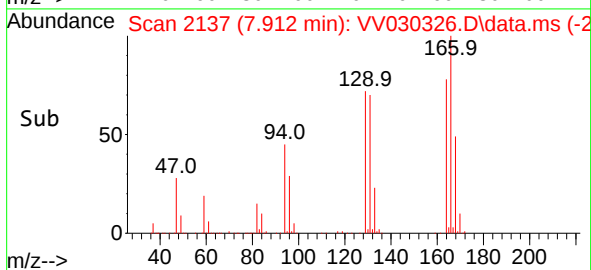
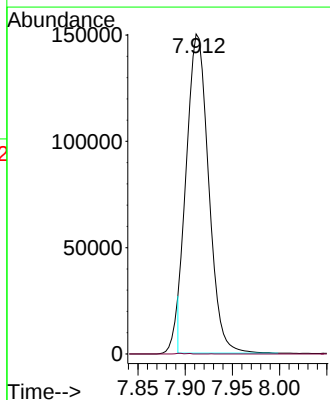
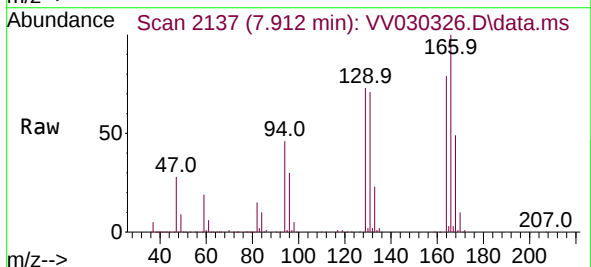


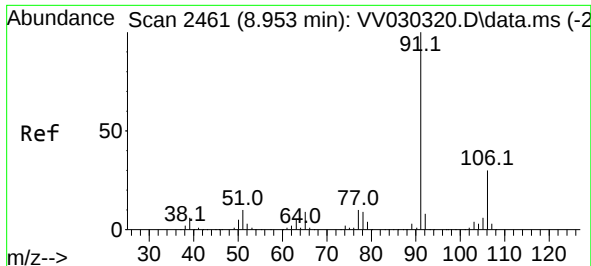
Tgt Ion:164 Resp: 279422
Ion Ratio Lower Upper
164 100
129 92.8 60.8 112.8
131 89.9 61.7 114.7
166 127.3 85.6 159.0



#49
Dibromochloromethane
Concen: 22.759 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion:129 Resp: 243682
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#

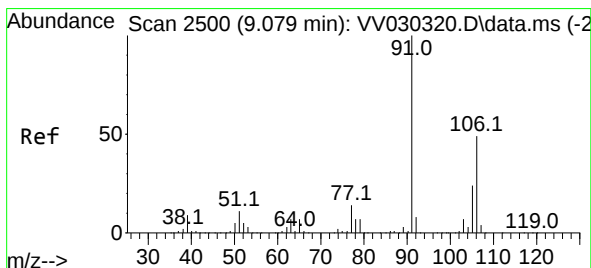
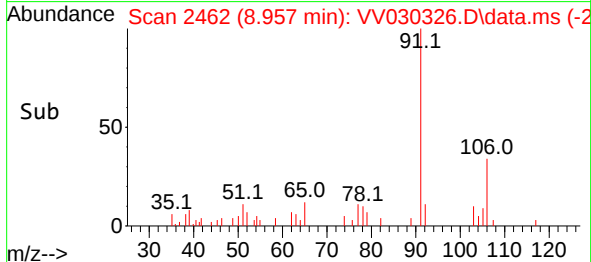
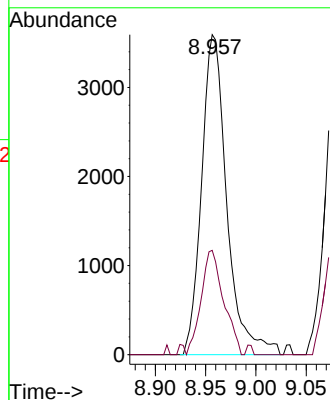
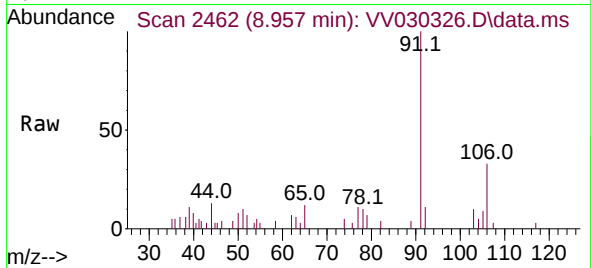




#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 8.957 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

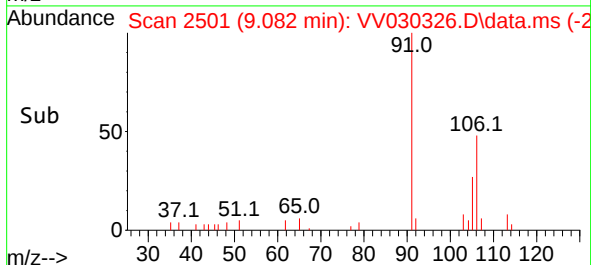
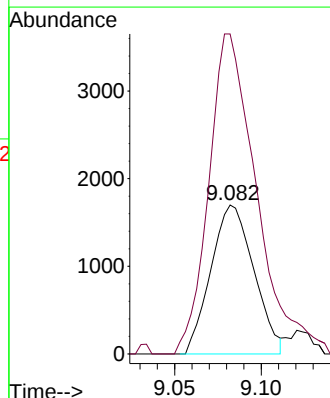
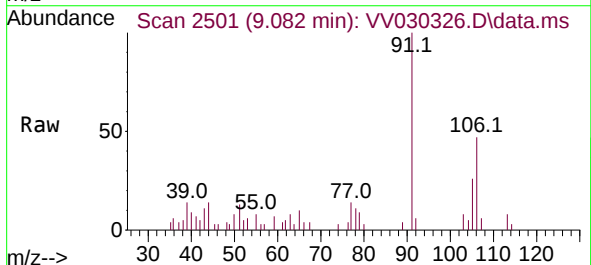
Instrument :
MSVOA_V
ClientSampleId :
H0AA5

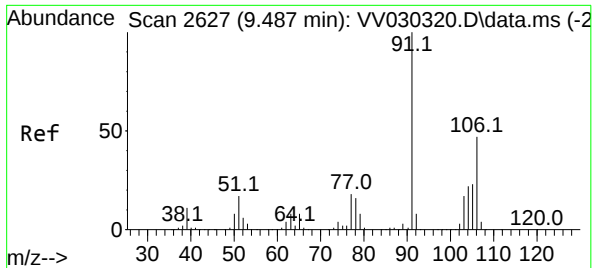
Tgt Ion: 91 Resp: 6265
Ion Ratio Lower Upper
91 100
106 32.6 22.2 41.2



#53
m,p-Xylene
Concen: 0.132 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion: 106 Resp: 2931
Ion Ratio Lower Upper
106 100
91 214.9 142.4 264.4

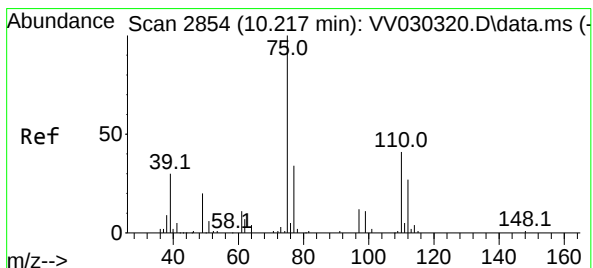
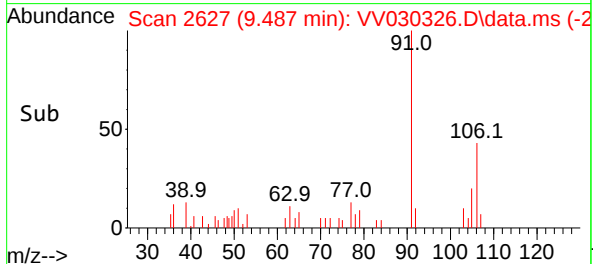
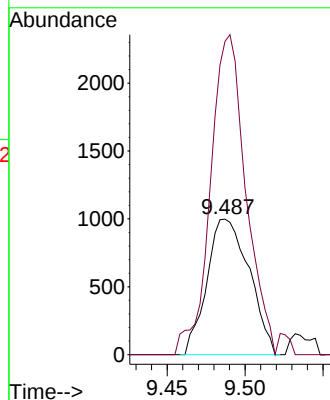
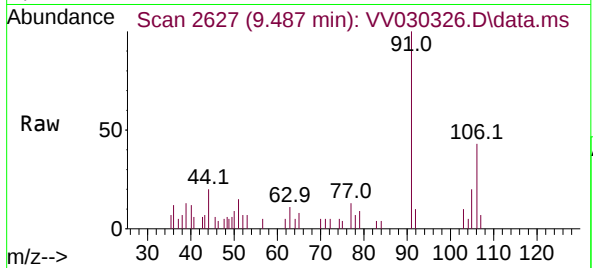




#54
o-Xylene
Concen: 0.089 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Instrument :
MSVOA_V
ClientSampleId :
H0AA5

Tgt Ion:106 Resp: 1885
Ion Ratio Lower Upper
106 100
91 231.3 149.8 278.2



#61
1,2,3-Trichloropropane
Concen: 1.207 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion: 75 Resp: 7194
Ion Ratio Lower Upper
75 100
77 42.3 26.0 39.0#
110 3.9 31.6 47.4#

