

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023793.D
 Acq On : 06 Dec 2021 13:21
 Operator : SY/MD
 Sample : M4879-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G20

Quant Time: Dec 07 08:20:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	4993	0.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	7.800%#
7) Chloroethane-d5	1.568	69	7640	0.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	15.400%#
11) 1,1-Dichloroethene-d2	2.108	63	4134	0.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.600%#
20) 2-Butanone-d5	3.889	46	81149	53.184	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.360%
24) Chloroform-d	4.346	84	29349	1.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	26.600%#
26) 1,2-Dichloroethane-d4	5.034	65	17132	1.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	33.200%#
32) Benzene-d6	5.050	84	25334	0.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	12.600%#
36) 1,2-Dichloropropane-d6	6.072	67	14544	1.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	26.000%#
41) Toluene-d8	7.320	98	11970	0.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	6.400%#
43) trans-1,3-Dichloroprop...	7.625	79	4922	1.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	21.800%#
46) 2-Hexanone-d5	8.085	63	67234	44.817	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23404	2.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	19740	1.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	27.400%#
Target Compounds						
5) Vinyl chloride	1.310	62	3922	0.293	ug/L	94
13) Acetone	2.185	43	21207	15.446	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	14954	0.704	ug/L	# 1
18) trans-1,2-Dichloroethene	2.760	96	3822	0.324	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	154375	13.643	ug/L	100
30) Cyclohexane	4.670	56	46829	2.928	ug/L	95
33) Benzene	5.095	78	214772	5.136	ug/L	100
34) Trichloroethene	5.908	95	112615	10.053	ug/L	97
35) Methylcyclohexane	6.127	83	38694	2.216	ug/L	95
42) Toluene	7.387	91	43200	0.953	ug/L	99
47) Tetrachloroethene	7.972	164	373818	36.663	ug/L	99
52) Ethylbenzene	9.011	91	121005	2.553	ug/L	99
53) m,p-xylene	9.136	106	96185	5.098	ug/L	99
54) o-xylene	9.542	106	12152	0.677	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	151842	3.757	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	673829	16.859	ug/L	100

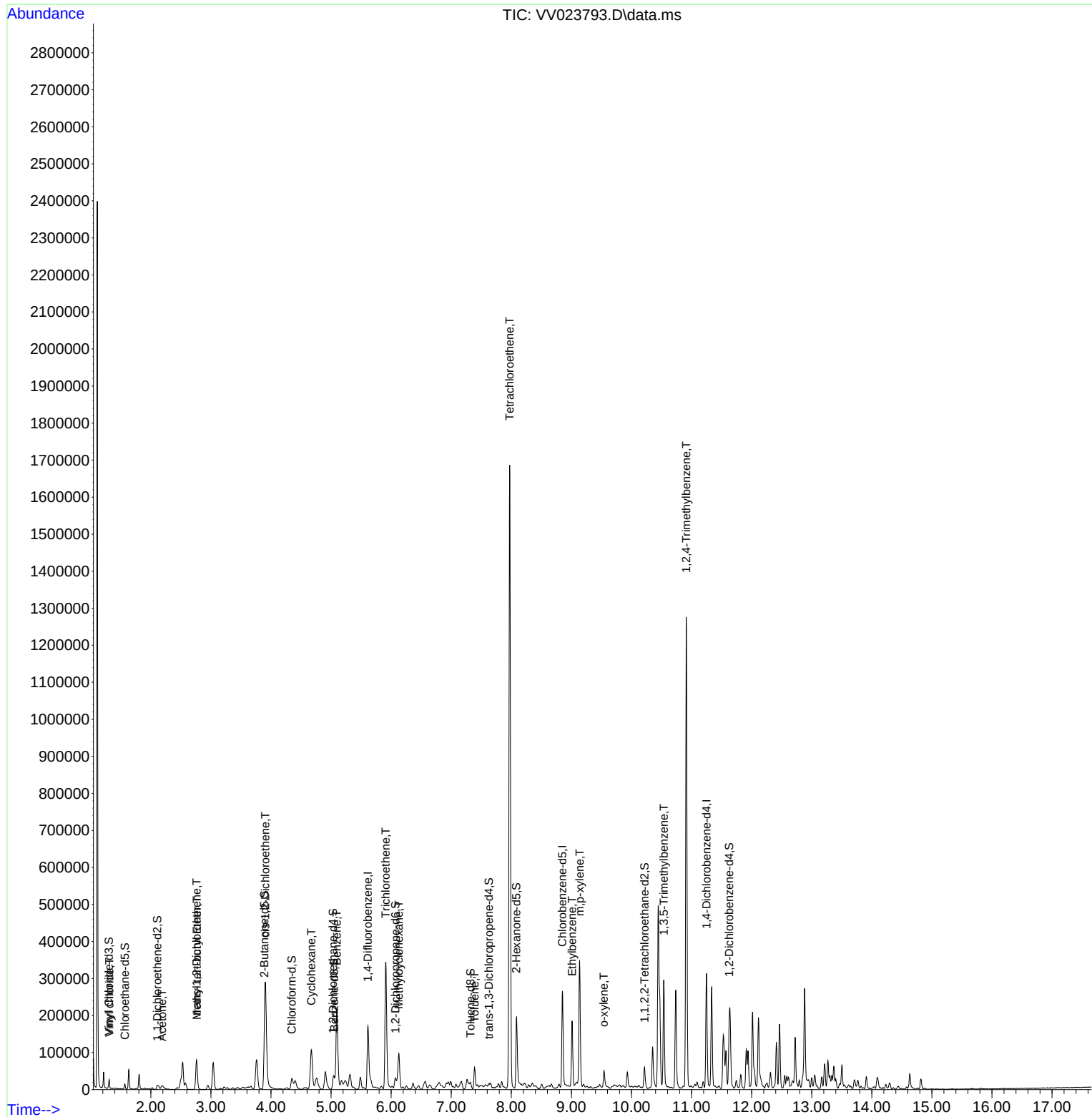
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :
C0G20

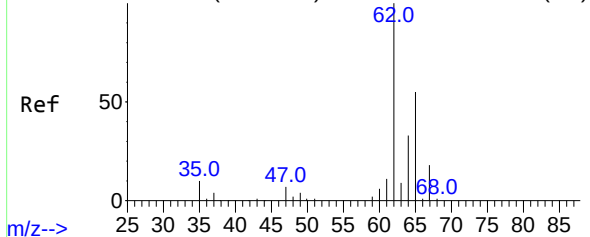
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023793.D
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Quant Time: Dec 07 08:20:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023791.D\data.ms (-75)



#5

Vinyl chloride

Concen: 0.293 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023793.D

Acq: 06 Dec 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

C0G20

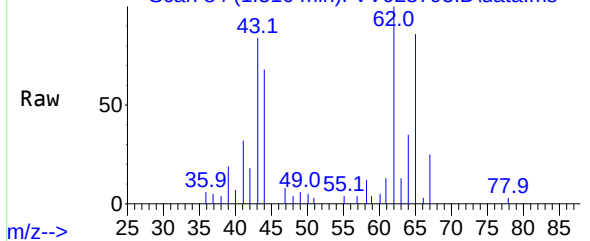
Tgt Ion: 62 Resp: 3922

Ion Ratio Lower Upper

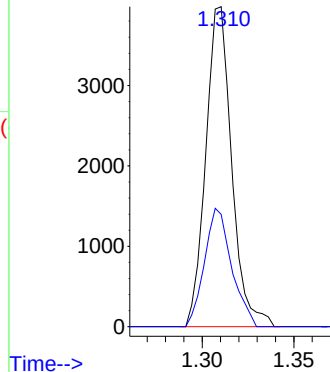
62 100

64 35.1 22.4 41.6

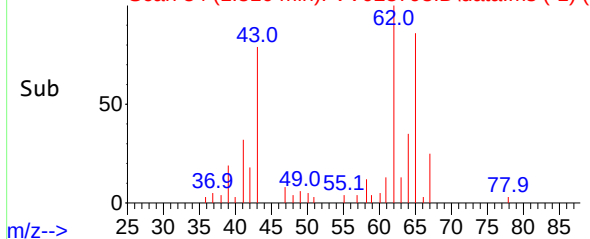
Abundance Scan 84 (1.310 min): VV023793.D\data.ms



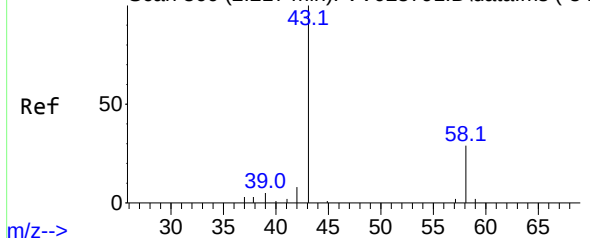
Abundance



Abundance Scan 84 (1.310 min): VV023793.D\data.ms (-1)



Abundance Scan 366 (2.217 min): VV023791.D\data.ms (-34)



#13

Acetone

Concen: 15.446 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.039 min

Lab File: VV023793.D

Acq: 06 Dec 2021 13:21

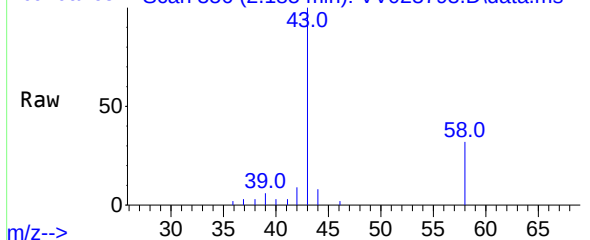
Tgt Ion: 43 Resp: 21207

Ion Ratio Lower Upper

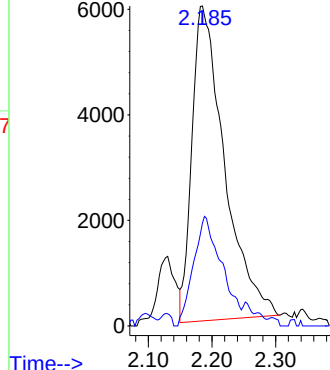
43 100

58 30.1 0.0 41.4

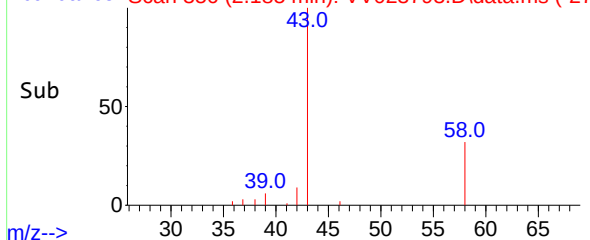
Abundance Scan 356 (2.185 min): VV023793.D\data.ms

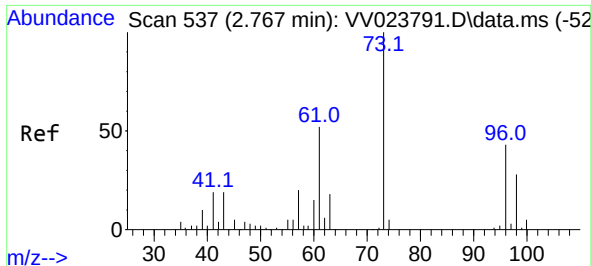


Abundance



Abundance Scan 356 (2.185 min): VV023793.D\data.ms (-27)

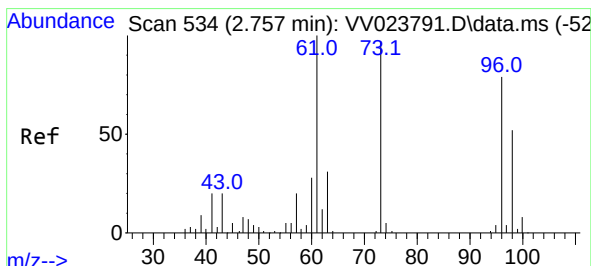
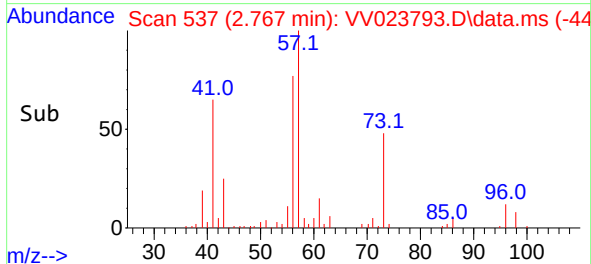
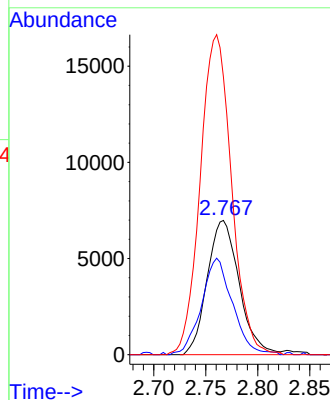
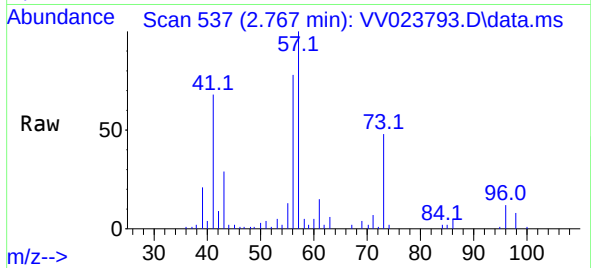




#17
Methyl tert-butyl Ether
Concen: 0.704 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

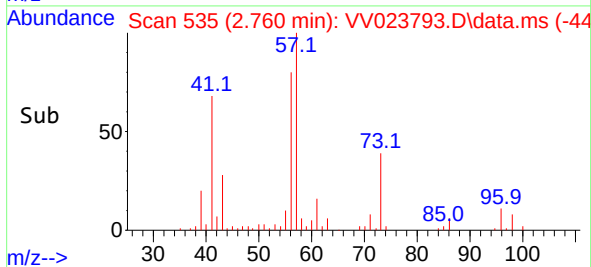
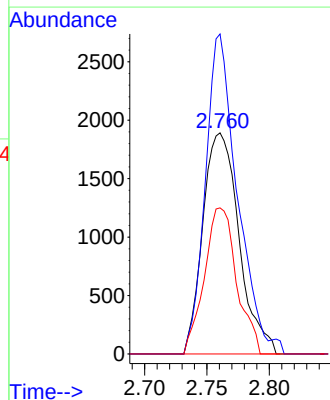
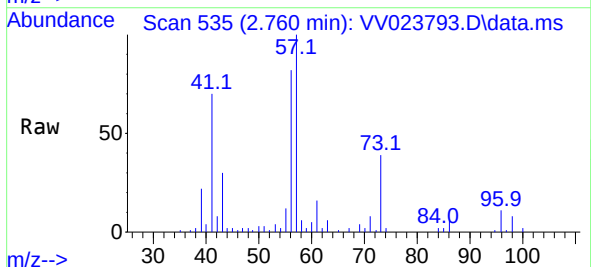
Instrument :
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ClientSampleId :
C0G20

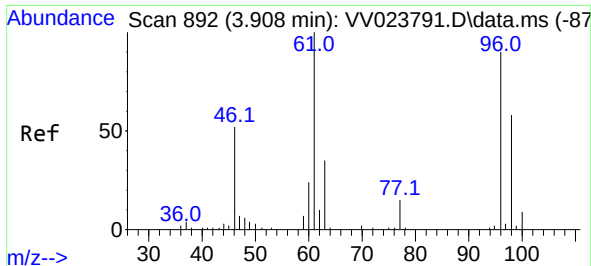
Tgt Ion: 73 Resp: 14954
Ion Ratio Lower Upper
73 100
43 69.6 15.5 23.3#
57 233.3 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.324 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion: 96 Resp: 3822
Ion Ratio Lower Upper
96 100
61 144.7 88.2 163.8
98 66.1 44.9 83.5

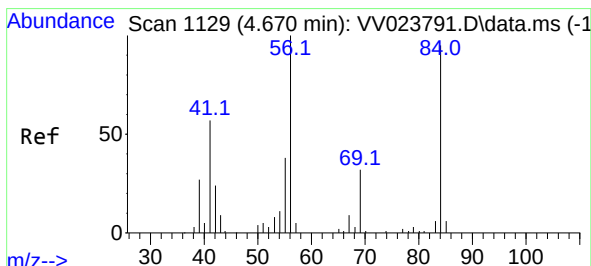
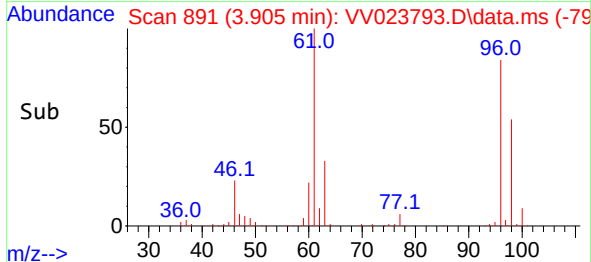
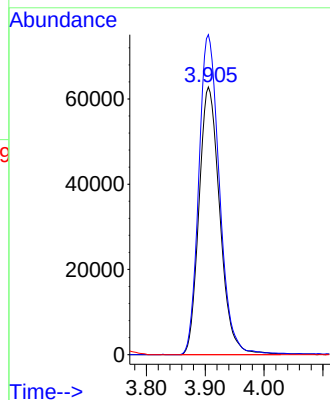
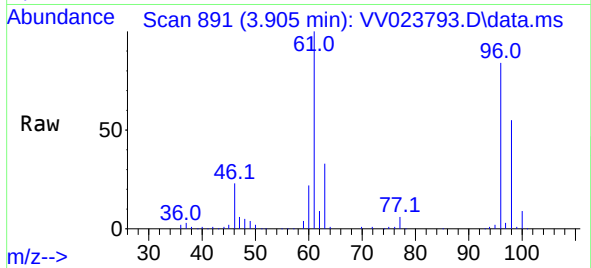




#22
 cis-1,2-Dichloroethene
 Concen: 13.643 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV023793.D
 Acq: 06 Dec 2021 13:21

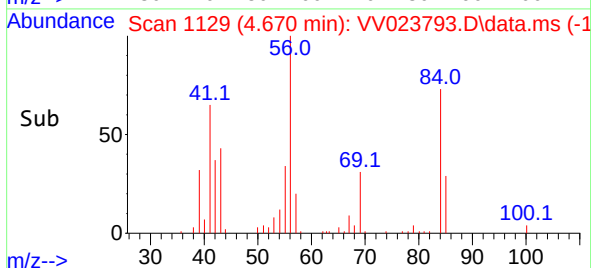
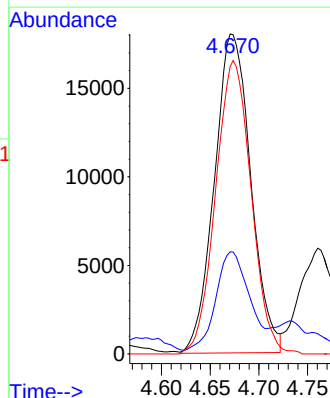
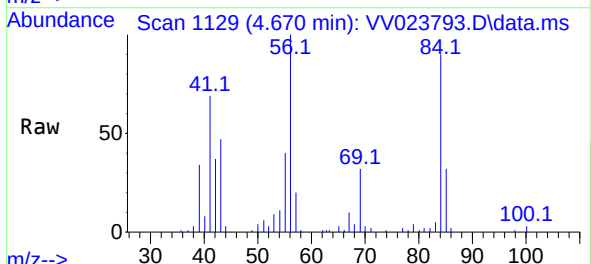
Instrument :
 MSVOA_V
 ClientSampleId :
 C0G20

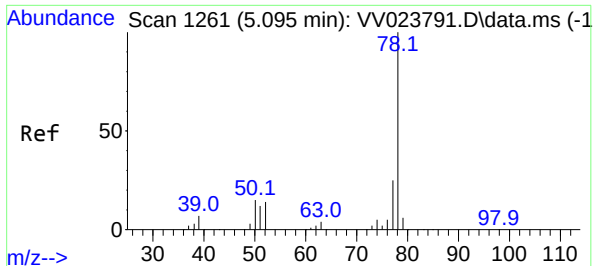
Tgt Ion: 96 Resp: 154375
 Ion Ratio Lower Upper
 96 100
 61 119.5 83.4 154.8
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 2.928 ug/L
 RT: 4.670 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VV023793.D
 Acq: 06 Dec 2021 13:21

Tgt Ion: 56 Resp: 46829
 Ion Ratio Lower Upper
 56 100
 69 28.3 24.8 37.2
 84 89.7 75.9 113.9

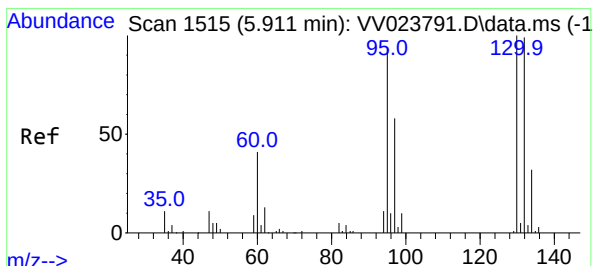
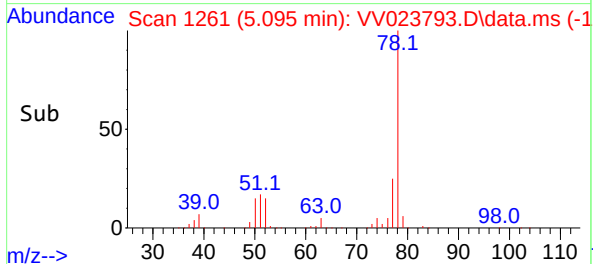
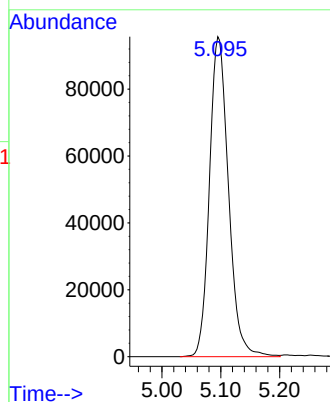
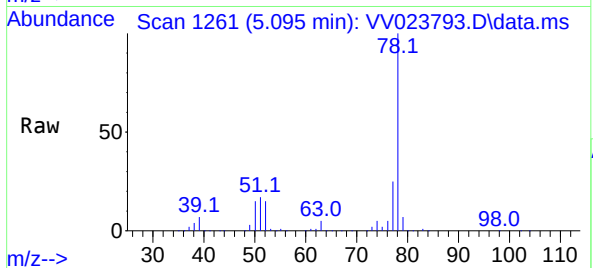




#33
Benzene
Concen: 5.136 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Instrument :
MSVOA_V
ClientSampleId :
C0G20

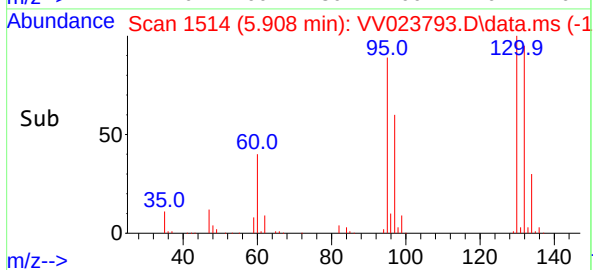
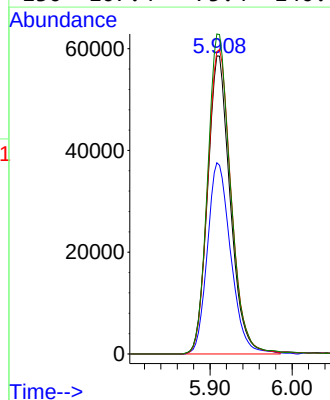
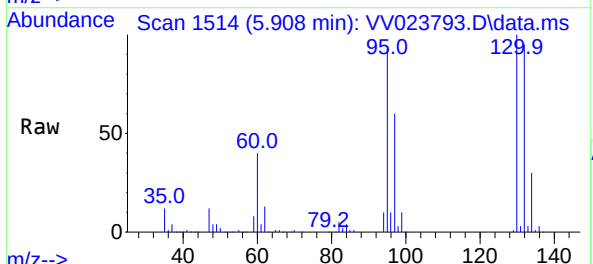
Tgt Ion: 78 Resp: 214772

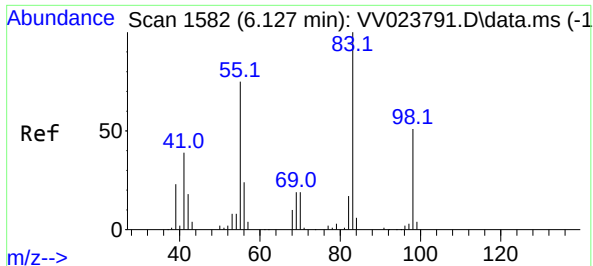


#34
Trichloroethene
Concen: 10.053 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion: 95 Resp: 112615

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.2	84.0
132	101.5	76.1	141.3
130	107.4	75.4	140.0

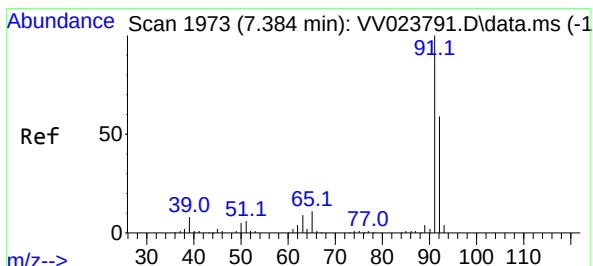
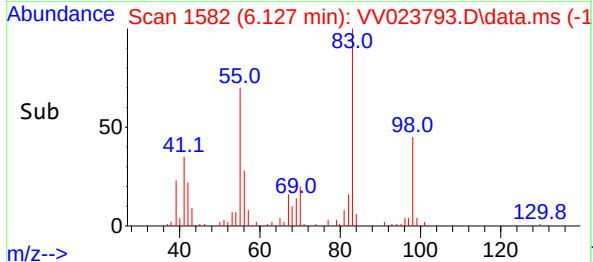
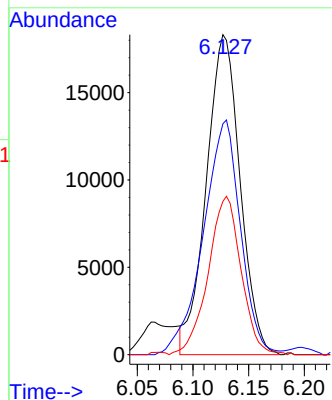
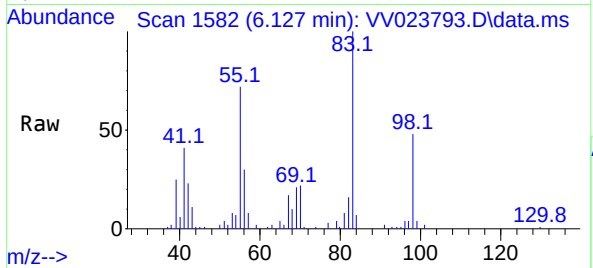




#35
Methylcyclohexane
Concen: 2.216 ug/L
RT: 6.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

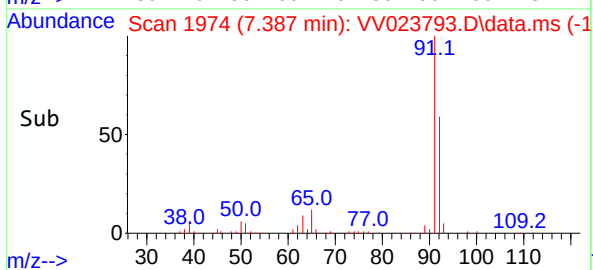
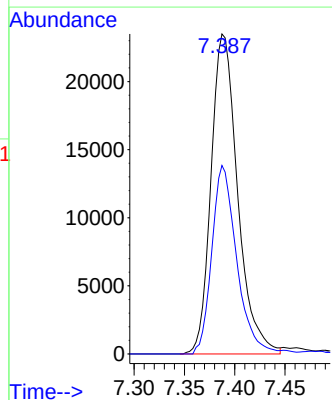
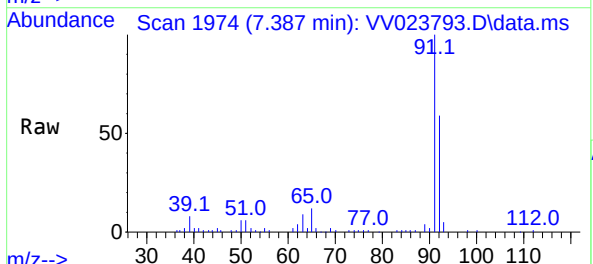
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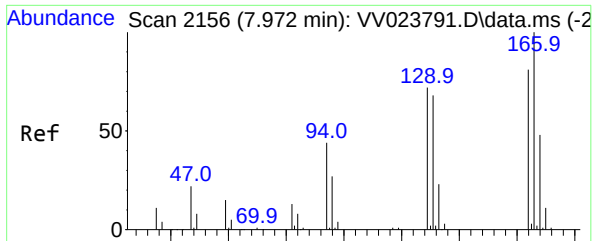
Tgt Ion: 83 Resp: 38694
Ion Ratio Lower Upper
83 100
55 80.6 60.2 90.2
98 48.2 41.0 61.4



#42
Toluene
Concen: 0.953 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion: 91 Resp: 43200
Ion Ratio Lower Upper
91 100
92 58.9 41.5 77.1

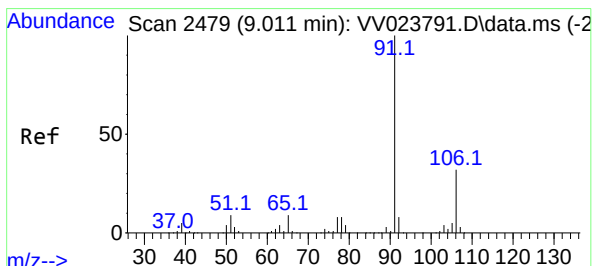
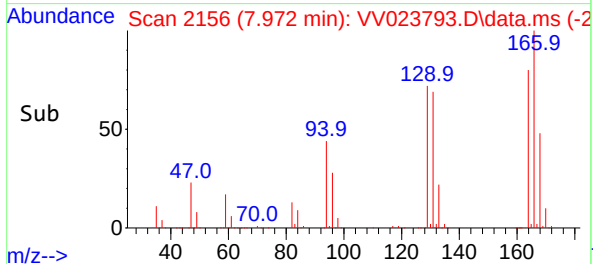
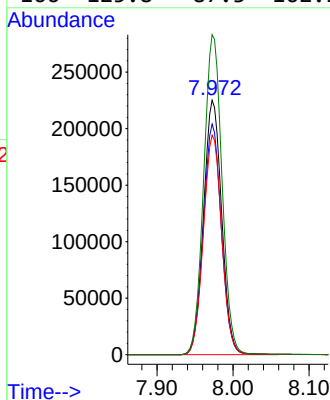
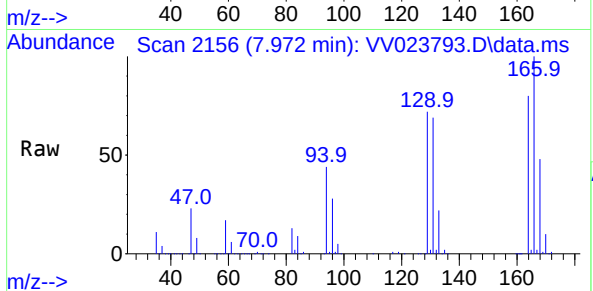




#47
Tetrachloroethene
Concen: 36.663 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

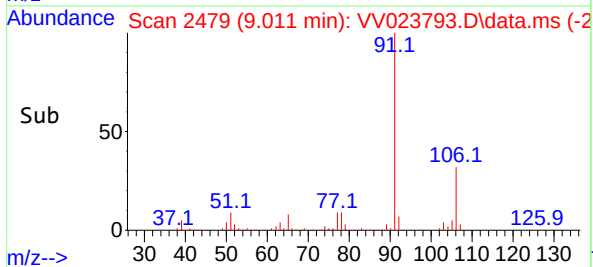
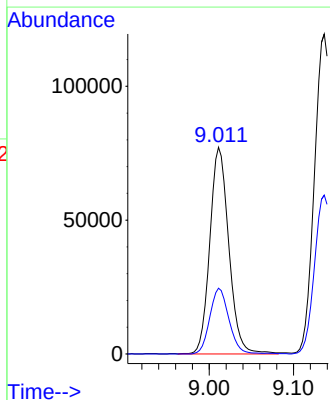
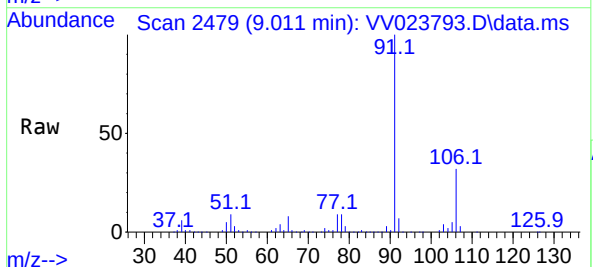
Instrument :
MSVOA_V
ClientSampleId :
C0G20

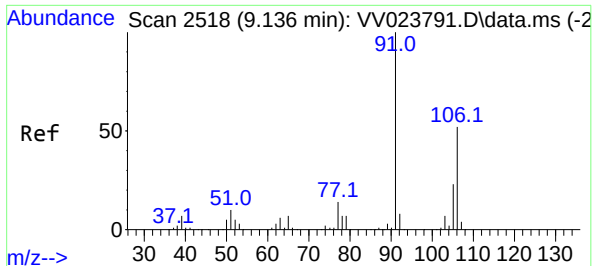
Tgt Ion:164 Resp: 373818
Ion Ratio Lower Upper
164 100
129 90.6 62.6 116.2
131 86.3 61.0 113.4
166 125.8 87.3 162.1



#52
Ethylbenzene
Concen: 2.553 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion: 91 Resp: 121005
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0

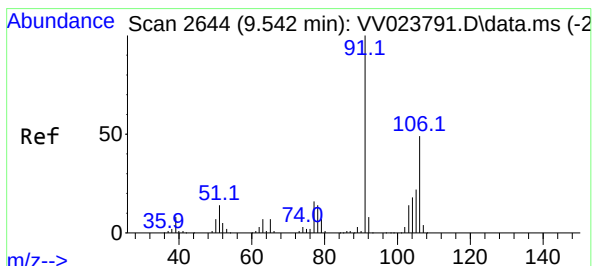
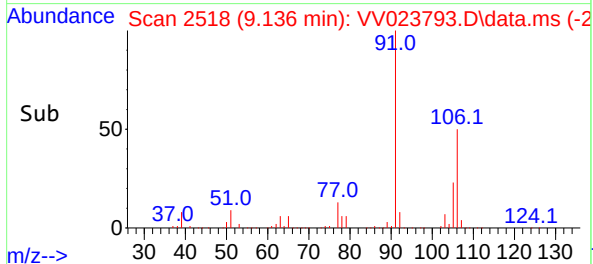
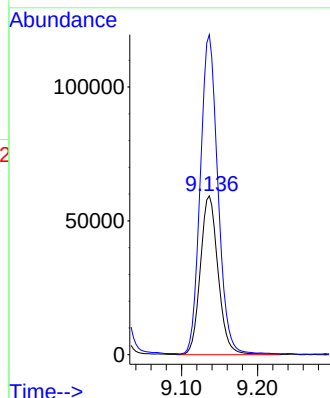
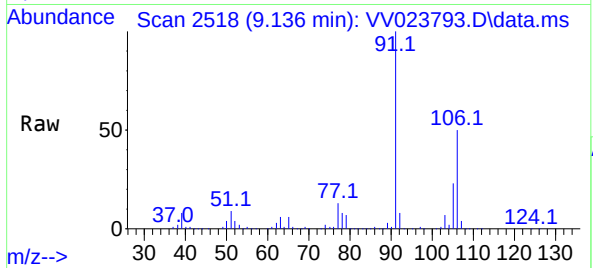




#53
m,p-xylene
Concen: 5.098 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

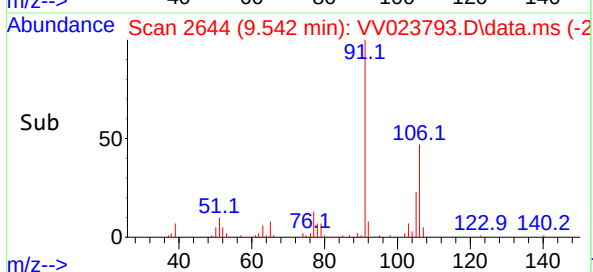
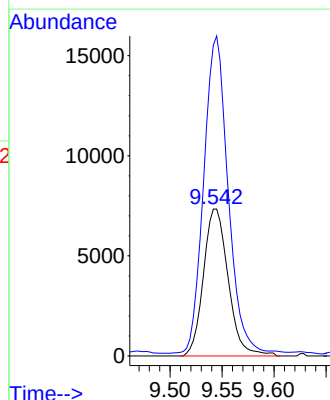
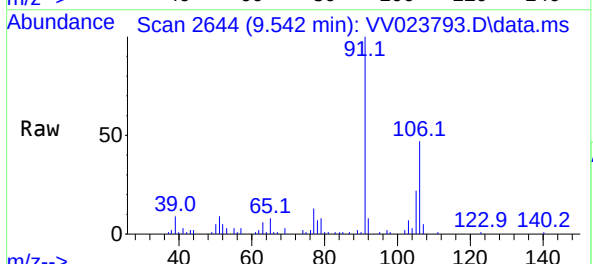
Instrument :
MSVOA_V
ClientSampleId :
C0G20

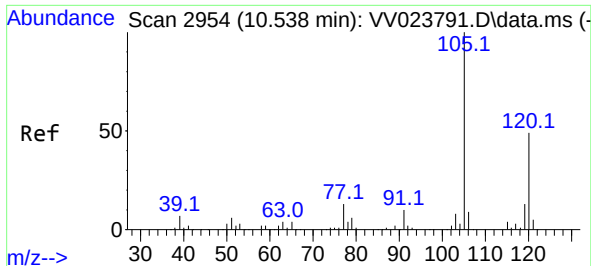
Tgt Ion:106 Resp: 96185
Ion Ratio Lower Upper
106 100
91 201.5 139.5 259.1



#54
o-xylene
Concen: 0.677 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion:106 Resp: 12152
Ion Ratio Lower Upper
106 100
91 211.5 147.9 274.7

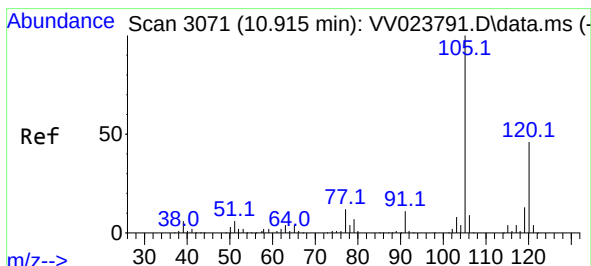
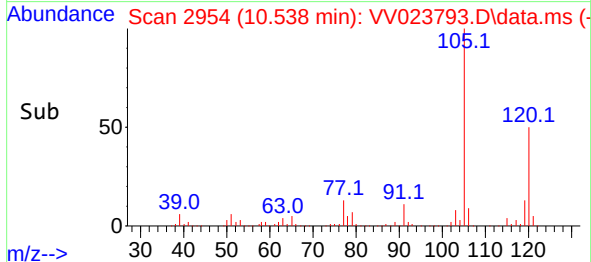
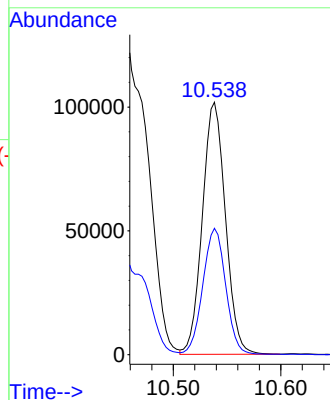
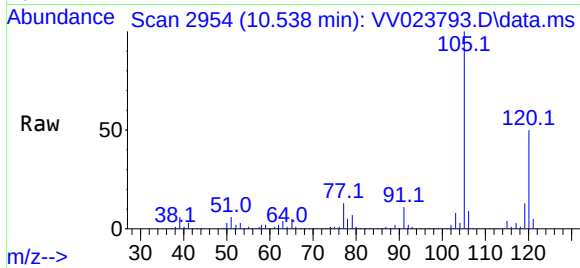




#62
1,3,5-Trimethylbenzene
Concen: 3.757 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Tgt Ion:105 Resp: 151842
Ion Ratio Lower Upper
105 100
120 49.4 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 16.859 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV023793.D
Acq: 06 Dec 2021 13:21

Tgt Ion:105 Resp: 673829
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1

