

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025102.D
 Acq On : 18 Mar 2022 16:55
 Operator : SY/MD
 Sample : N2018-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA8

Quant Time: Mar 19 00:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	173337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80489	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54328	3.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.568	69	44166	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.108	63	72261	3.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.911	46	85478	51.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	4.352	84	98643	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.037	65	42012	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.053	84	213440	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.072	67	61757	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.316	98	187930	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.625	79	18498	3.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.091	63	83157	52.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39783	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	65272	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.294	76	3372	0.085	ug/L #	92
16) Methylene chloride	2.510	84	16499	1.233	ug/L	94
18) trans-1,2-Dichloroethene	2.773	96	688	0.052	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	14912	1.111	ug/L	99
25) Chloroform	4.378	83	11907	0.506	ug/L	100
33) Benzene	5.111	78	7409	0.142	ug/L	100
34) Trichloroethene	5.918	95	14774	1.067	ug/L	96
35) Methylcyclohexane	6.124	83	2511	0.115	ug/L	88
42) Toluene	7.390	91	59199	1.088	ug/L	97
47) Tetrachloroethene	7.982	164	599	0.062	ug/L	91
52) Ethylbenzene	9.014	91	24115	0.419	ug/L	96
53) m,p-xylene	9.136	106	78276	3.531	ug/L	98
54) o-xylene	9.541	106	70902	3.345	ug/L	96
55) Styrene	9.564	104	6394	0.185	ug/L #	78
60) Isopropylbenzene	9.931	105	16566	0.273	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.538	105	201591	7.319	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	523674	10.735	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration

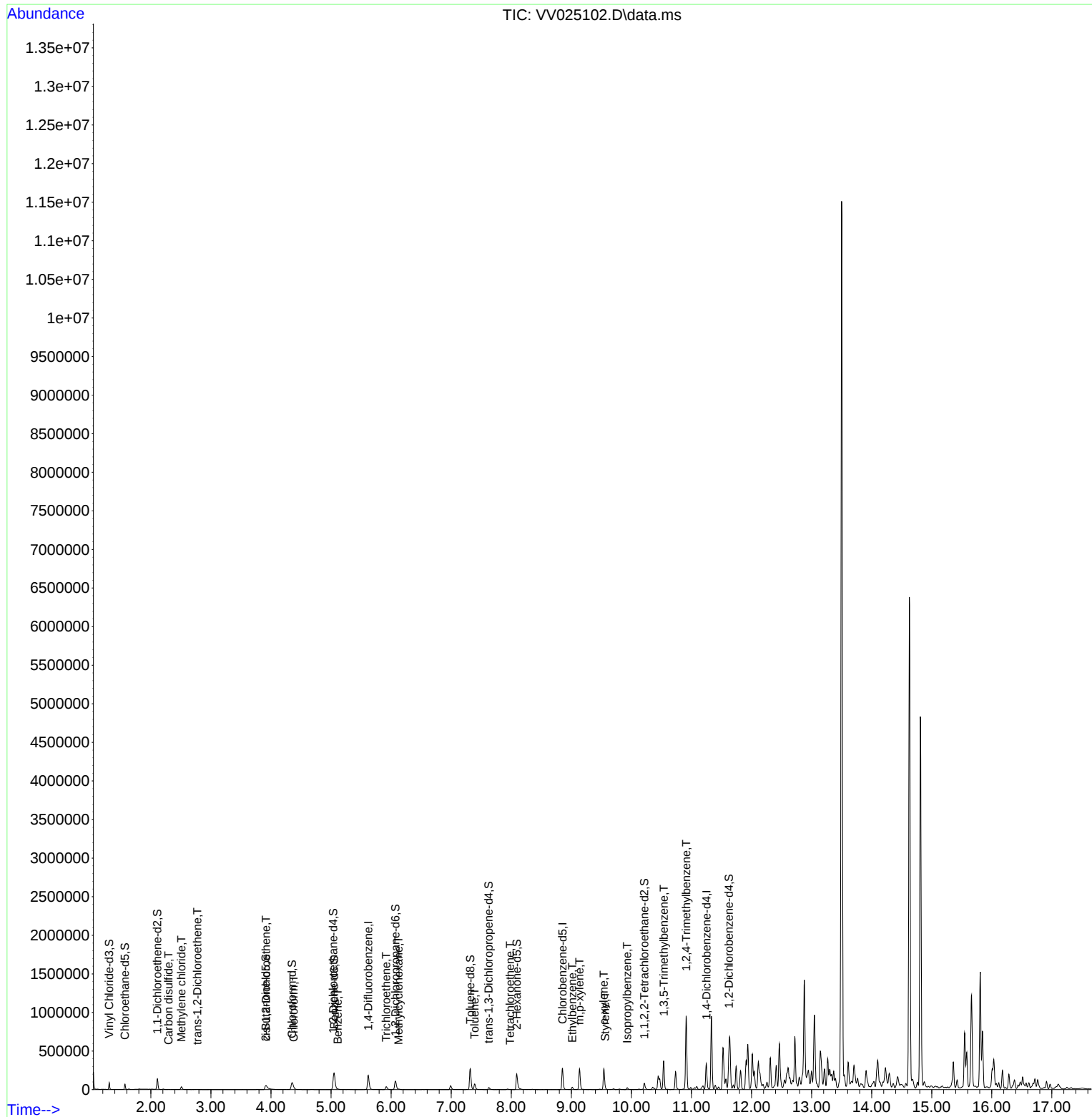
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

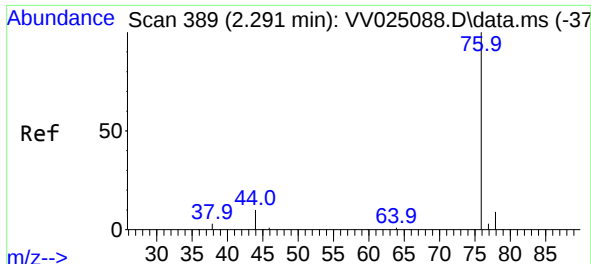
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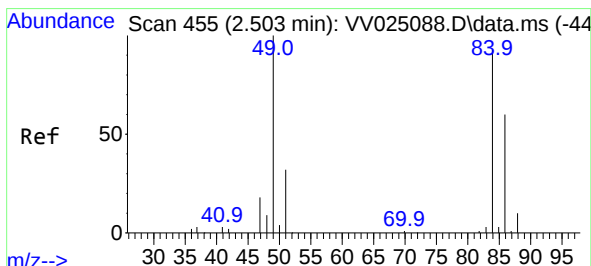
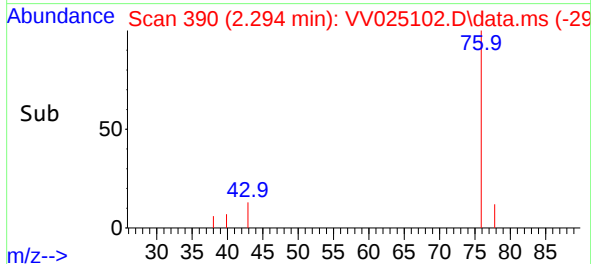
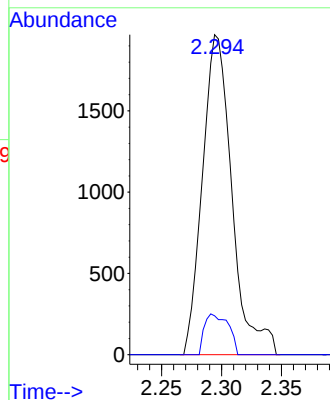
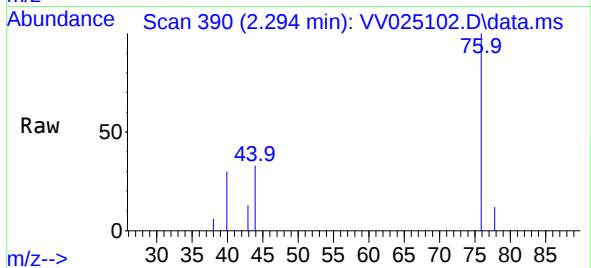




#14
Carbon disulfide
Concen: 0.085 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

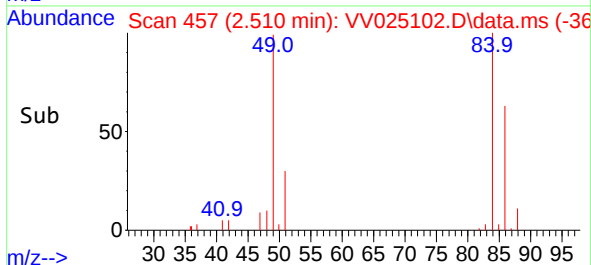
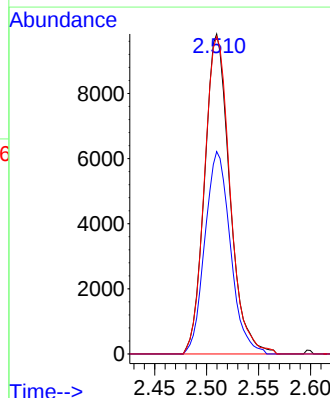
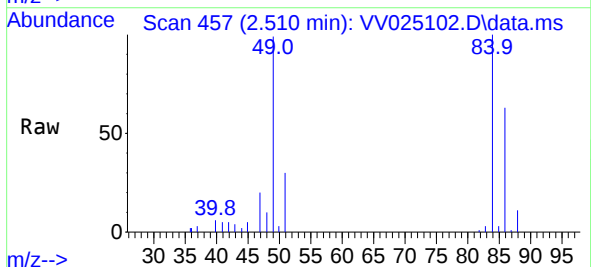
Instrument :
MSVOA_V
ClientSampleId :
C0QA8

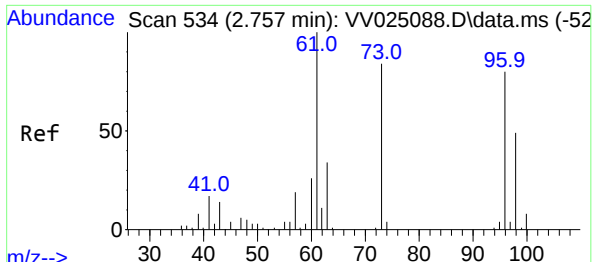
Tgt Ion: 76 Resp: 3372
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.0#



#16
Methylene chloride
Concen: 1.233 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion: 84 Resp: 16499
Ion Ratio Lower Upper
84 100
86 63.3 45.5 84.5
49 99.2 75.0 139.2

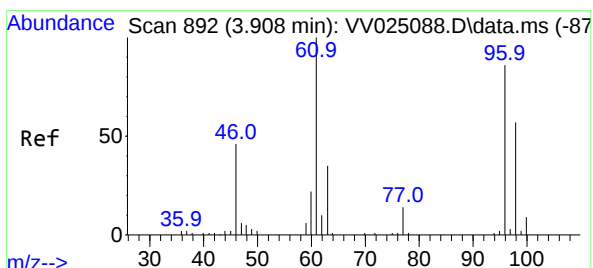
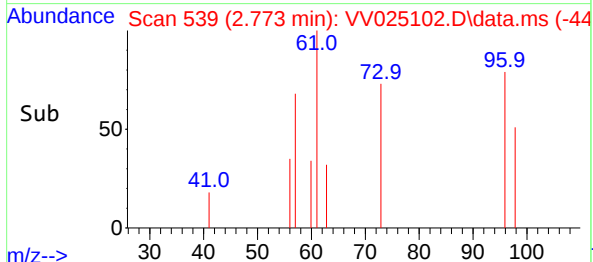
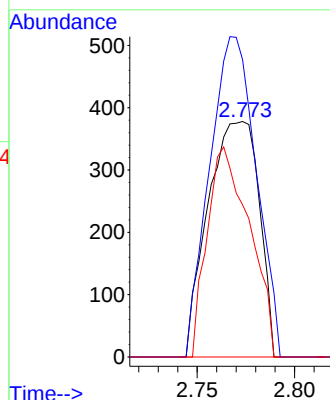
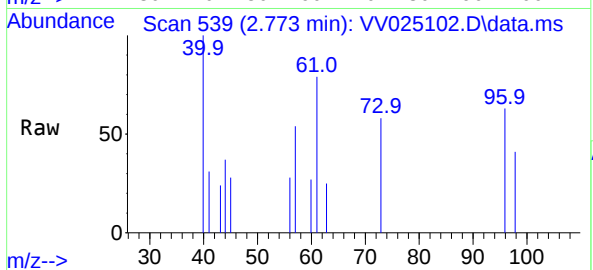




#18
trans-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

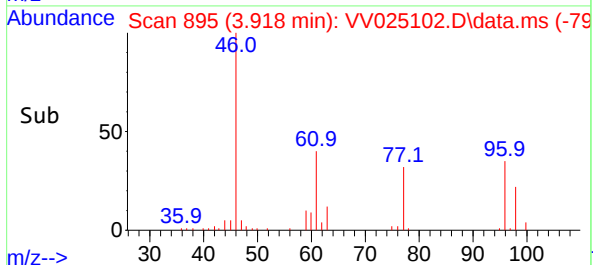
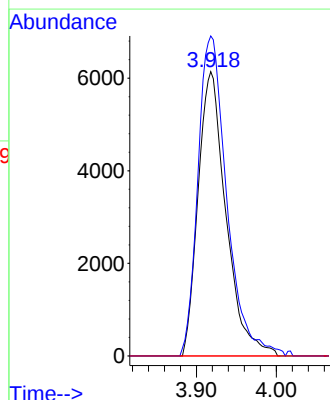
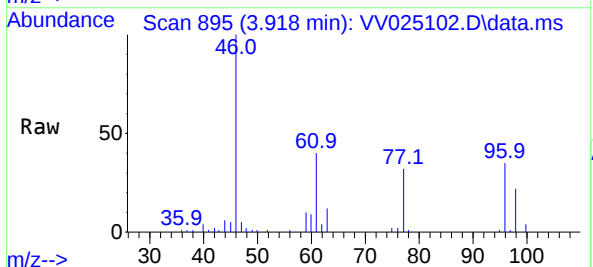
Instrument :
MSVOA_V
ClientSampleId :
C0QA8

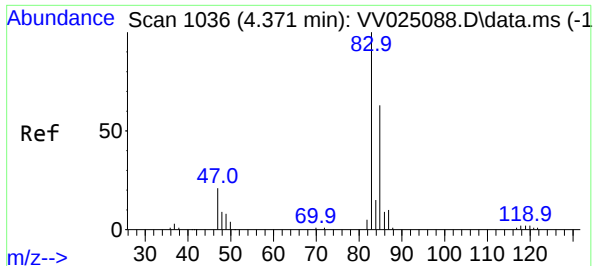
Tgt Ion: 96 Resp: 688
Ion Ratio Lower Upper
96 100
61 126.2 89.2 165.6
98 64.6 43.9 81.5



#22
cis-1,2-Dichloroethene
Concen: 1.111 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion: 96 Resp: 14912
Ion Ratio Lower Upper
96 100
61 112.5 79.7 147.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.506 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025102.D

Acq: 18 Mar 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

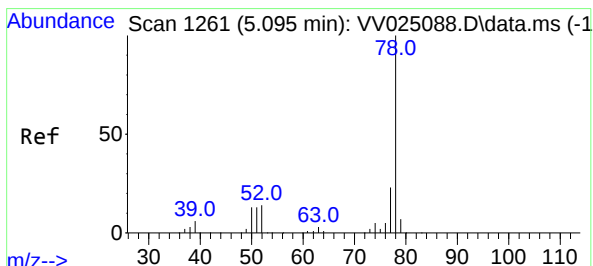
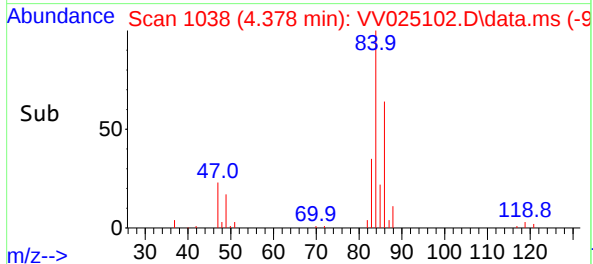
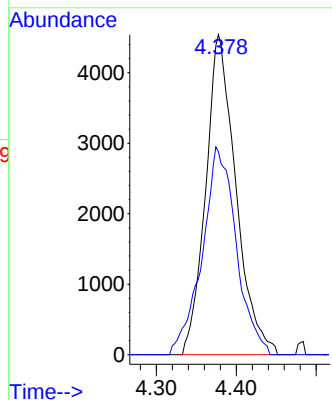
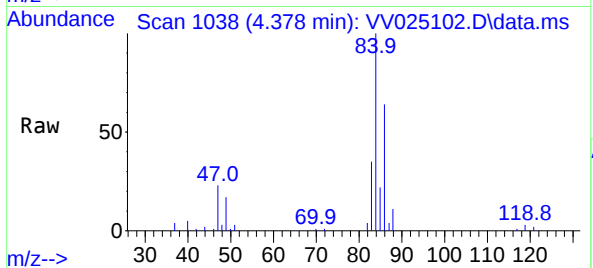
C0QA8

Tgt Ion: 83 Resp: 11907

Ion Ratio Lower Upper

83 100

85 63.5 44.5 82.7



#33

Benzene

Concen: 0.142 ug/L

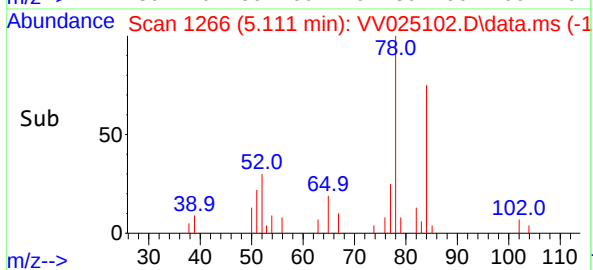
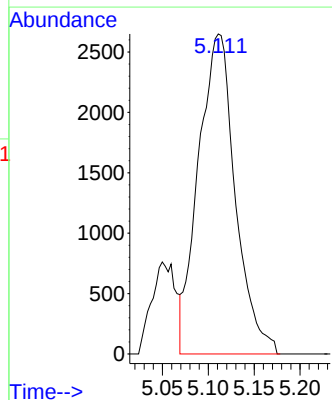
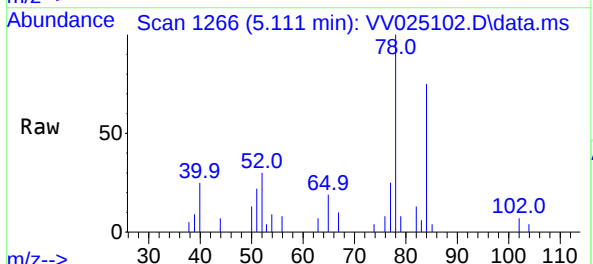
RT: 5.111 min Scan# 1266

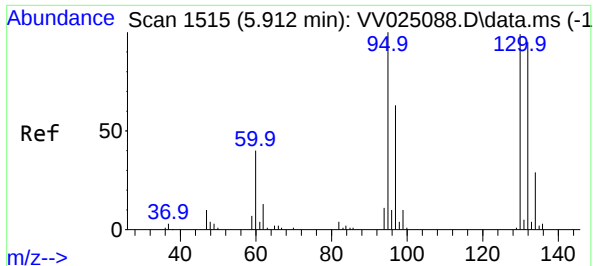
Delta R.T. 0.016 min

Lab File: VV025102.D

Acq: 18 Mar 2022 16:55

Tgt Ion: 78 Resp: 7409



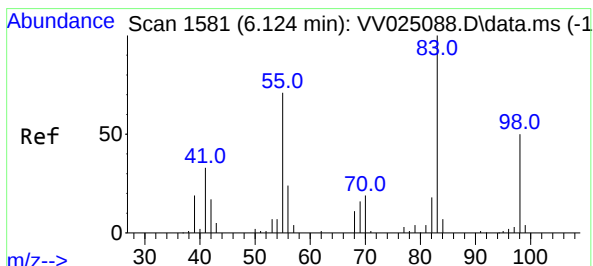
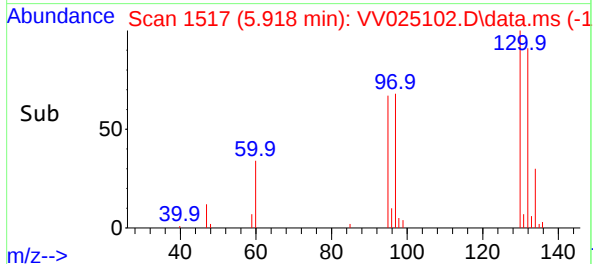
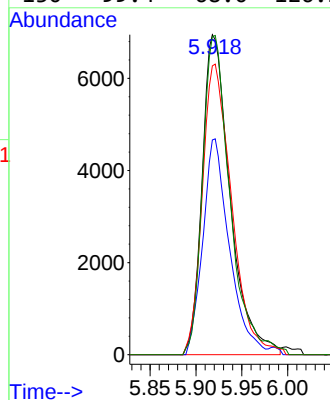
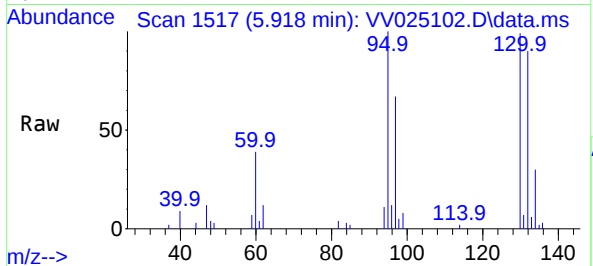


#34
Trichloroethene
Concen: 1.067 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Instrument :
MSVOA_V
ClientSampleId :
C0QA8

Tgt Ion: 95 Resp: 14774

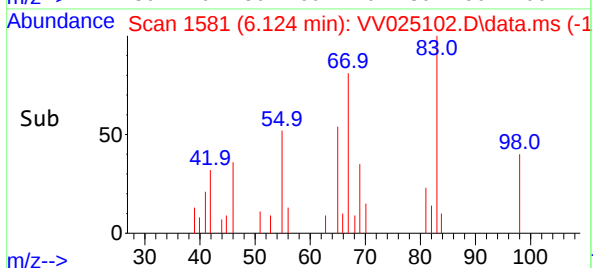
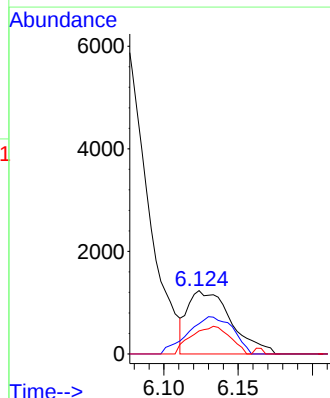
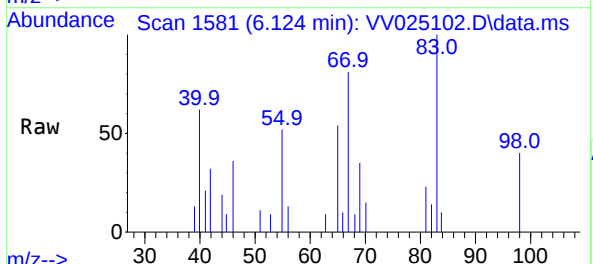
Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.5	82.7
132	90.2	66.5	123.5
130	99.4	68.0	126.2

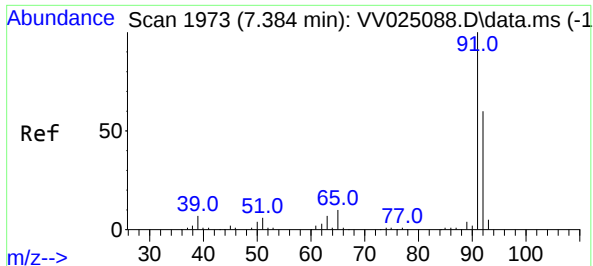


#35
Methylcyclohexane
Concen: 0.115 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion: 83 Resp: 2511

Ion	Ratio	Lower	Upper
83	100		
55	60.9	55.4	83.0
98	38.9	38.4	57.6

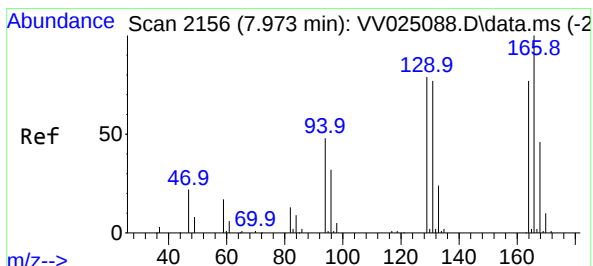
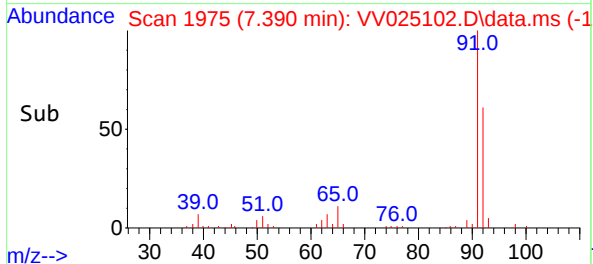
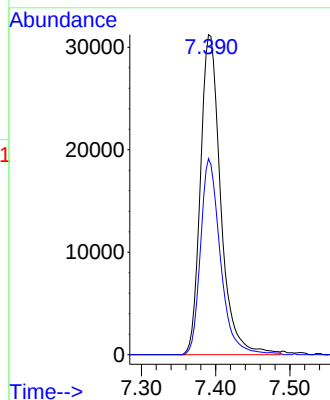
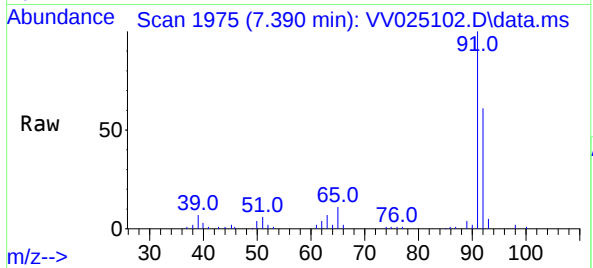




#42
Toluene
Concen: 1.088 ug/L
RT: 7.390 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

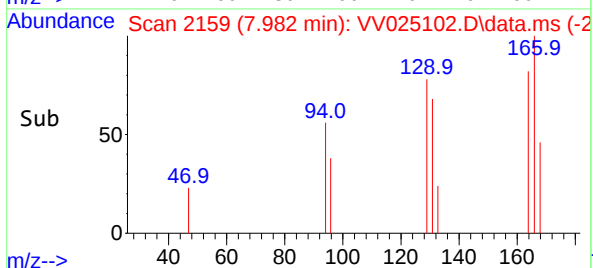
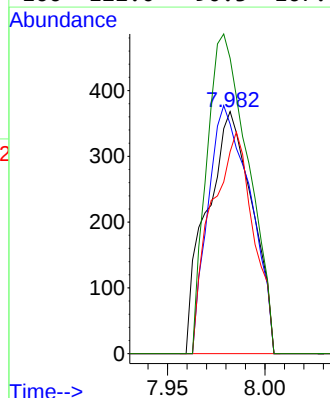
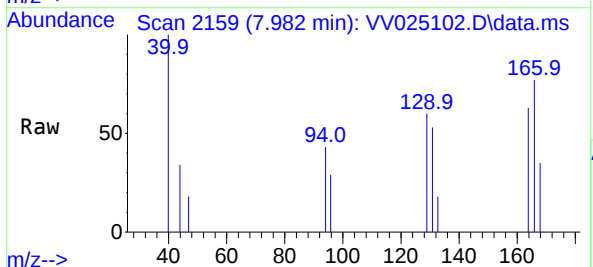
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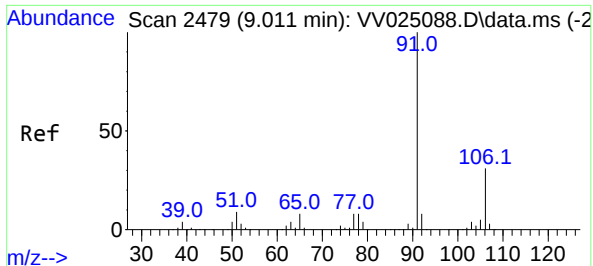
Tgt Ion: 91 Resp: 59199
Ion Ratio Lower Upper
91 100
92 61.2 41.2 76.4



#47
Tetrachloroethene
Concen: 0.062 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion: 164 Resp: 599
Ion Ratio Lower Upper
164 100
129 94.8 70.3 130.7
131 83.4 69.4 129.0
166 122.0 90.3 167.7

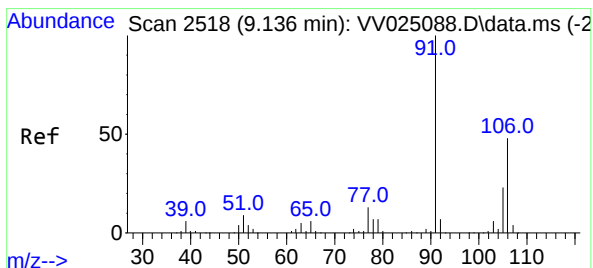
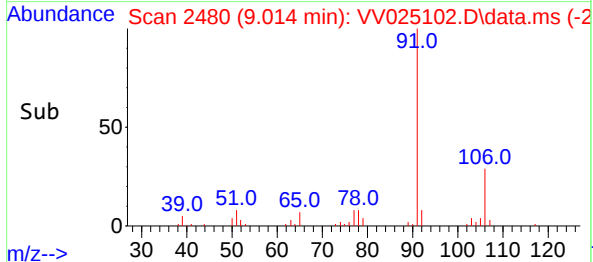
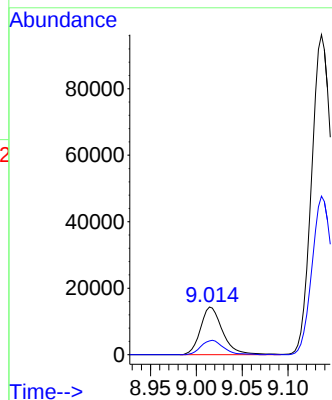
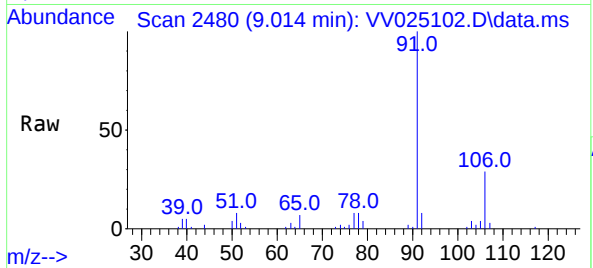




#52
Ethylbenzene
Concen: 0.419 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

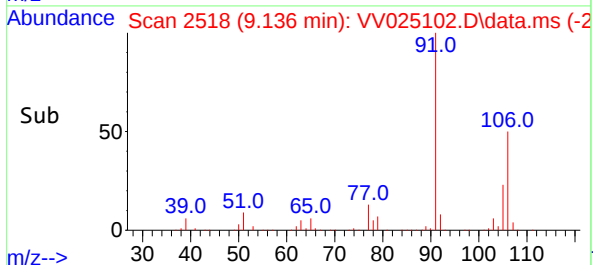
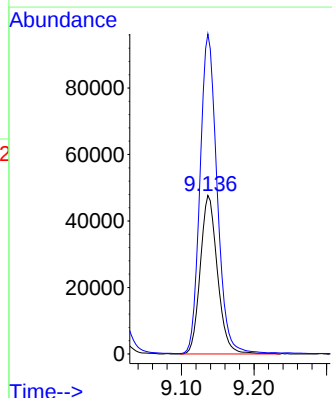
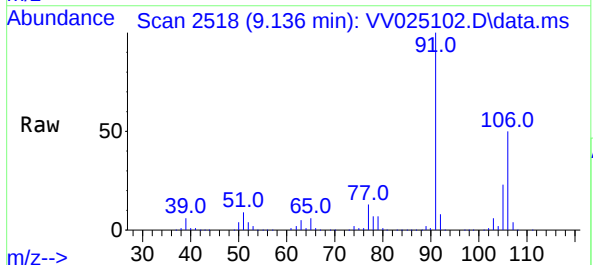
Instrument :
MSVOA_V
ClientSampleId :
C0QA8

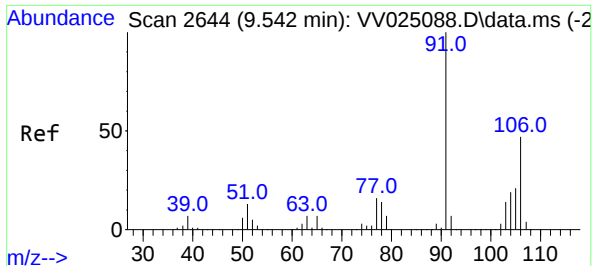
Tgt Ion: 91 Resp: 24115
Ion Ratio Lower Upper
91 100
106 29.0 21.9 40.7



#53
m,p-xylene
Concen: 3.531 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion:106 Resp: 78276
Ion Ratio Lower Upper
106 100
91 201.9 143.4 266.4

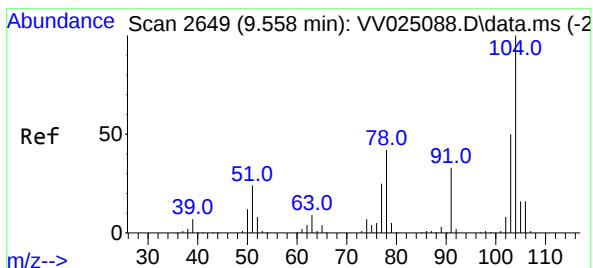
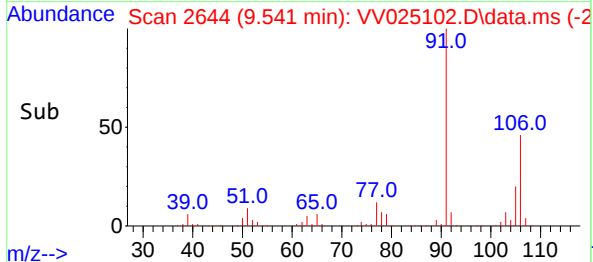
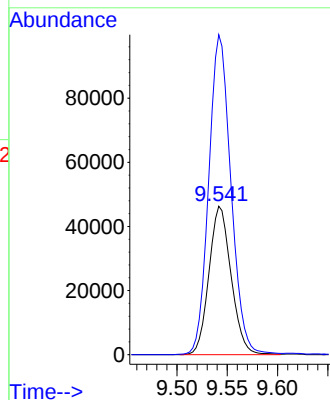
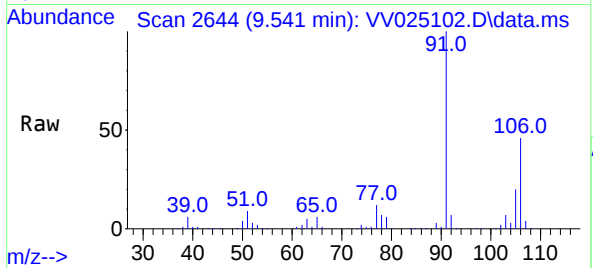




#54
o-xylene
Concen: 3.345 ug/L
RT: 9.541 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

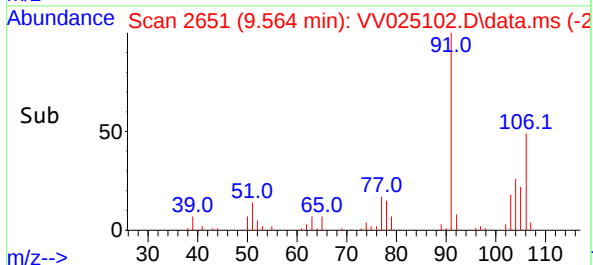
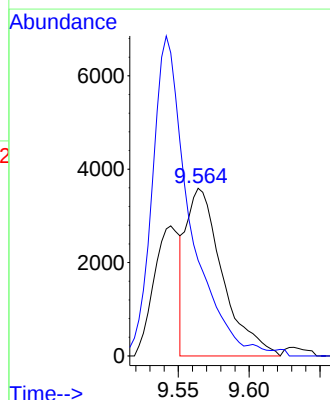
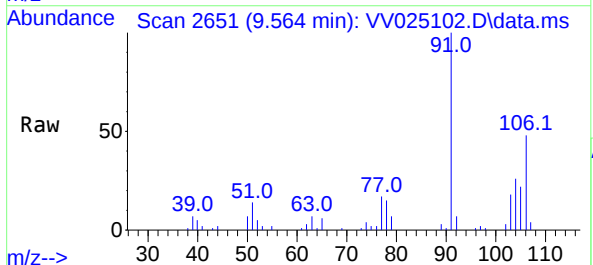
Instrument :
MSVOA_V
ClientSampleId :
C0QA8

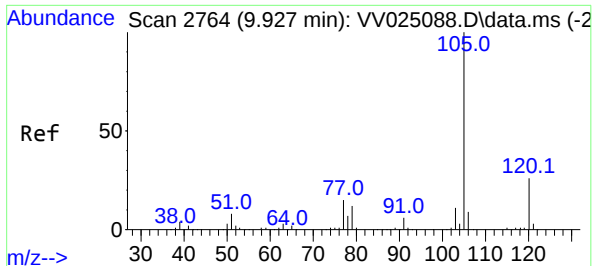
Tgt Ion:106 Resp: 70902
Ion Ratio Lower Upper
106 100
91 215.5 146.7 272.5



#55
Styrene
Concen: 0.185 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion:104 Resp: 6394
Ion Ratio Lower Upper
104 100
78 57.1 30.2 56.2#

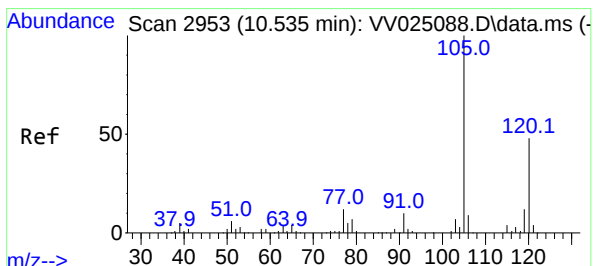
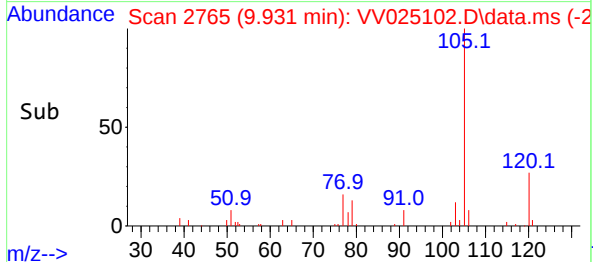
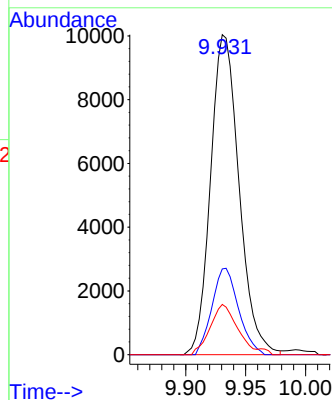
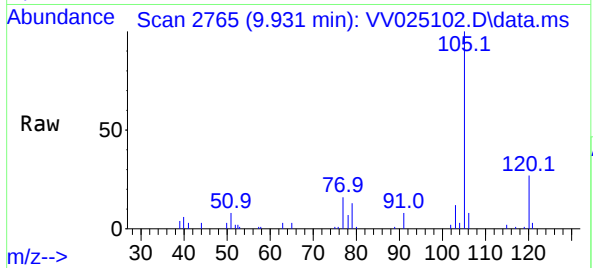




#60
Isopropylbenzene
Concen: 0.273 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

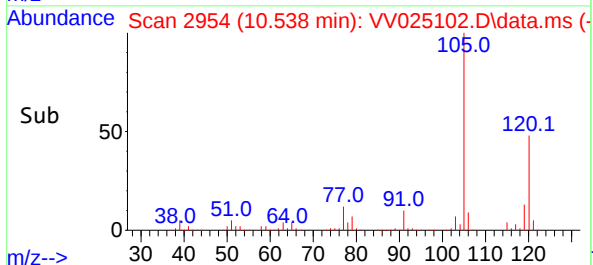
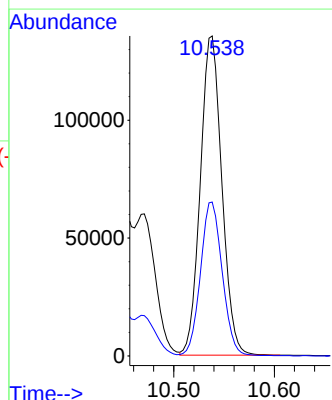
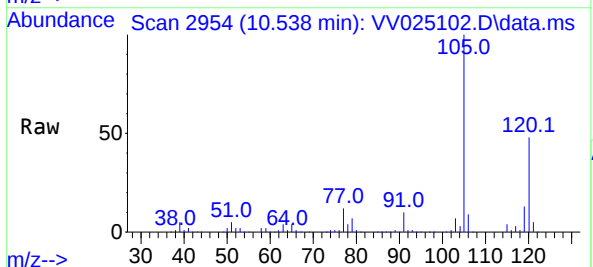
Instrument :
MSVOA_V
ClientSampleId :
C0QA8

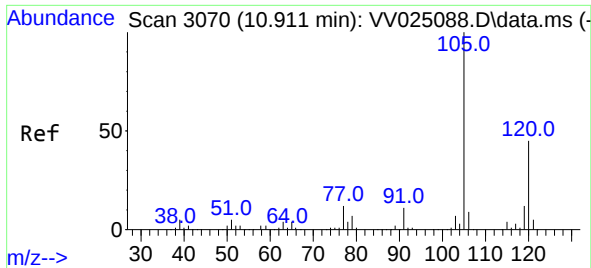
Tgt Ion:105 Resp: 16566
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#
77 15.5 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 7.319 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV025102.D
Acq: 18 Mar 2022 16:55

Tgt Ion:105 Resp: 201591
Ion Ratio Lower Upper
105 100
120 48.5 38.5 57.7





#63
 1,2,4-Trimethylbenzene
 Concen: 10.735 ug/L
 RT: 10.911 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV025102.D
 Acq: 18 Mar 2022 16:55

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA8

Tgt Ion:105 Resp: 523674
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.8 53.8

