

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028327.D
 Acq On : 04 Oct 2022 14:16
 Operator : SY/MD
 Sample : N4856-11DL2 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H36DL2

Quant Time: Oct 04 23:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

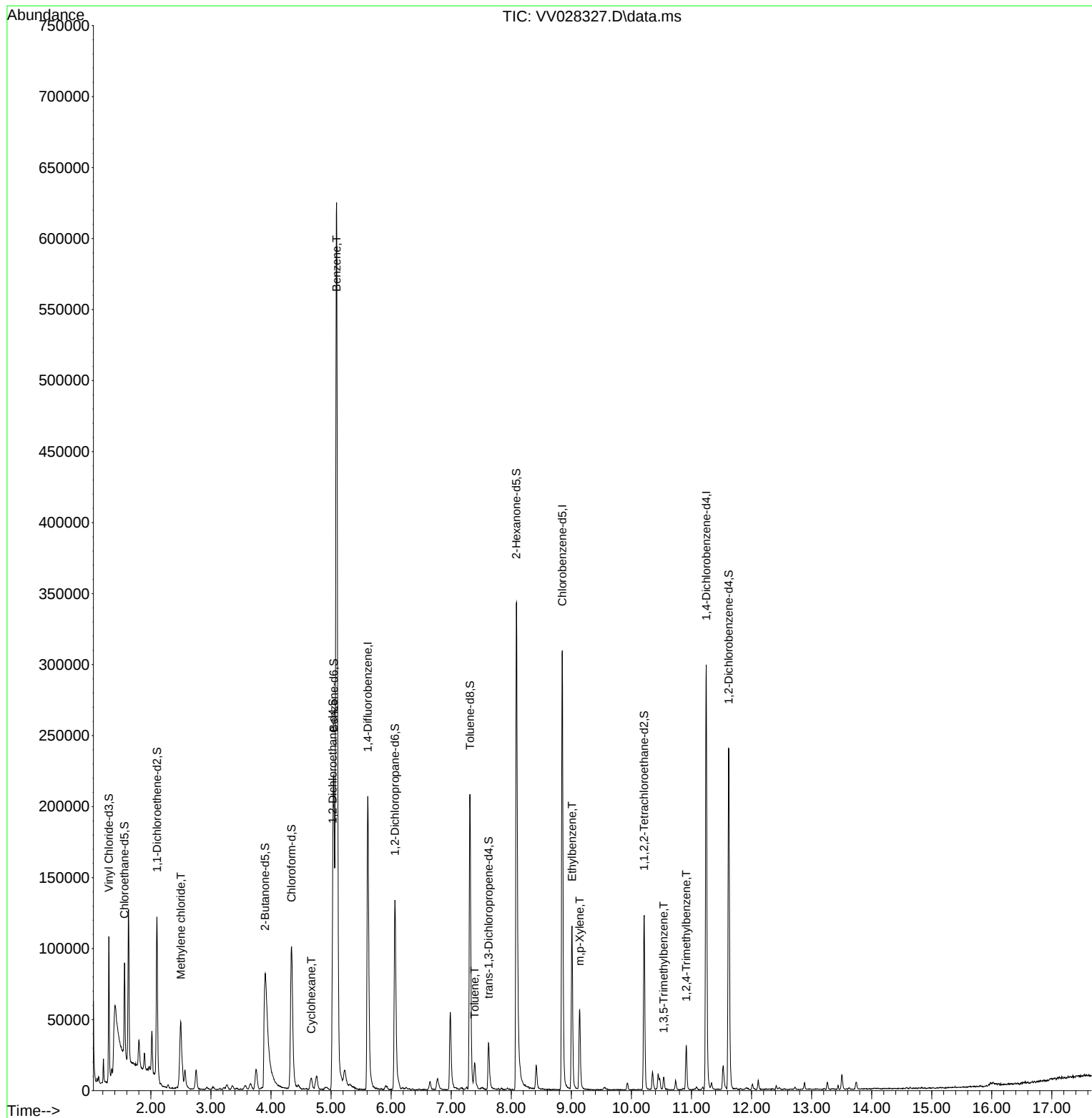
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	189675	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	185289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	38288	2.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.561	69	42031	3.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.102	63	57725	2.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.000%#
20) 2-Butanone-d5	3.902	46	158589	65.767	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.540%#
24) Chloroform-d	4.343	84	111512	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.027	65	57403	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.044	84	200654	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.063	67	71269	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.314	98	148635	3.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	7.622	79	21859	3.936	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.085	63	134799	59.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58496	5.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	68314	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.500	84	10883	0.711	ug/L	92
30) Cyclohexane	4.671	56	3621	0.184	ug/L	# 82
33) Benzene	5.092	78	653963	11.856	ug/L	100
42) Toluene	7.391	91	15259	0.263	ug/L	96
52) Ethylbenzene	9.011	91	82277	1.349	ug/L	97
53) m,p-Xylene	9.140	106	17002	0.699	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	4752	0.321	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	17059	0.406	ug/L	99

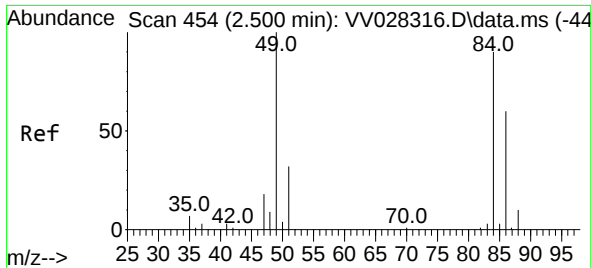
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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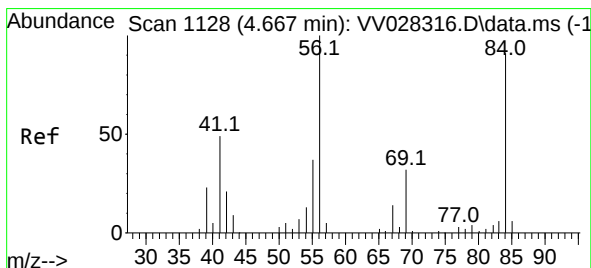
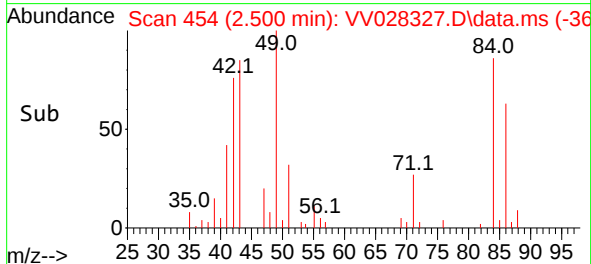
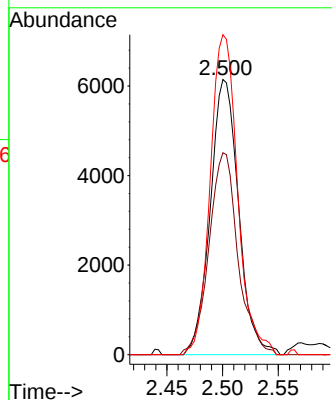
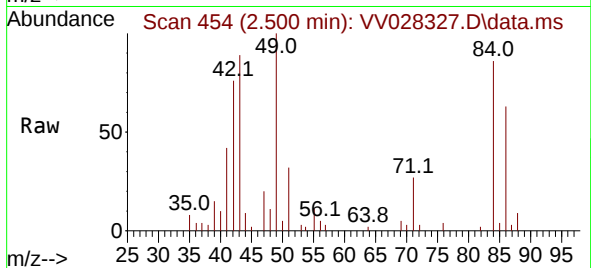




#16
Methylene chloride
Concen: 0.711 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028327.D
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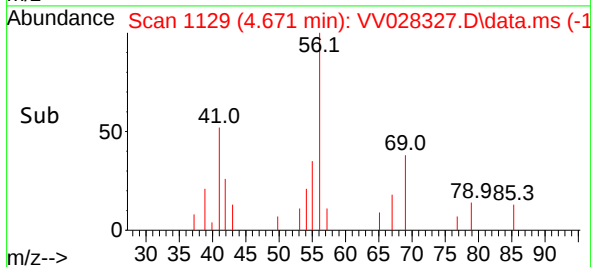
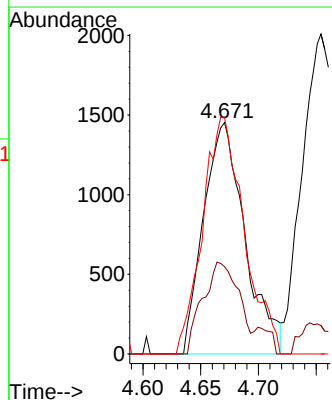
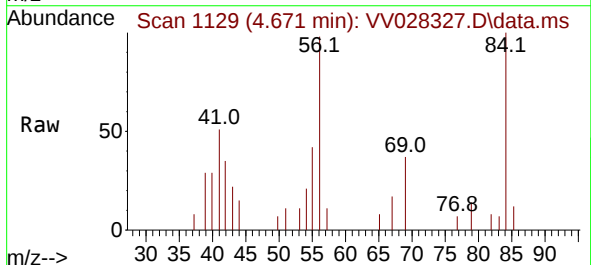
Instrument :
MSVOA_V
ClientSampleId :
F5H36DL2

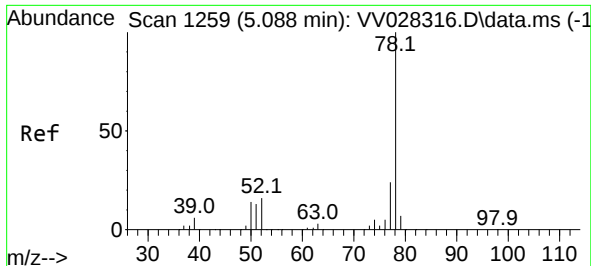
Tgt Ion: 84 Resp: 10883
Ion Ratio Lower Upper
84 100
86 73.4 46.8 86.8
49 116.3 87.5 162.5



#30
Cyclohexane
Concen: 0.184 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028327.D
Acq: 04 Oct 2022 14:16

Tgt Ion: 56 Resp: 3621
Ion Ratio Lower Upper
56 100
69 35.2 23.7 35.5
84 102.5 67.3 100.9#

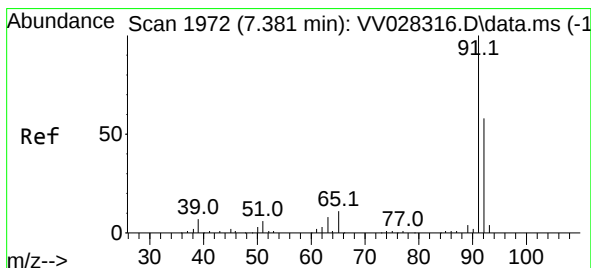
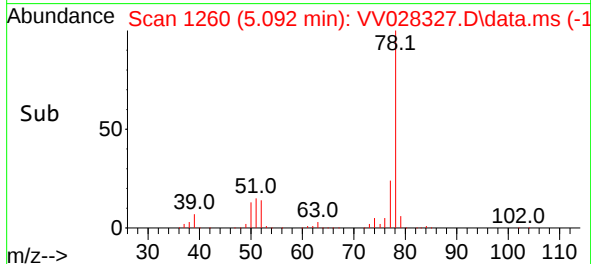
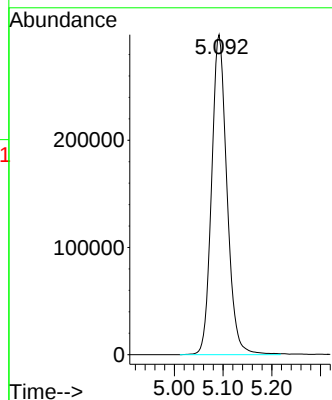
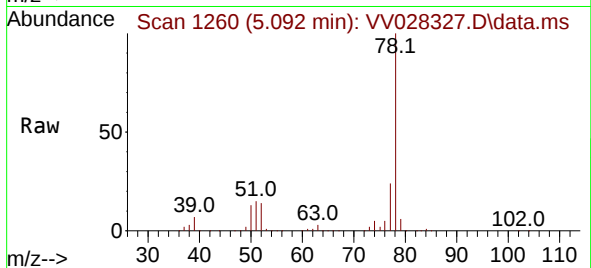




#33
Benzene
Concen: 11.856 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028327.D
Acq: 04 Oct 2022 14:16

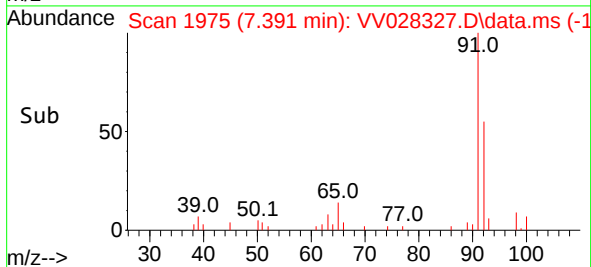
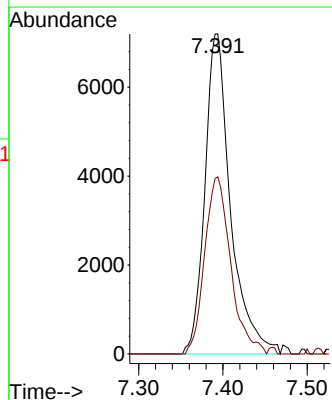
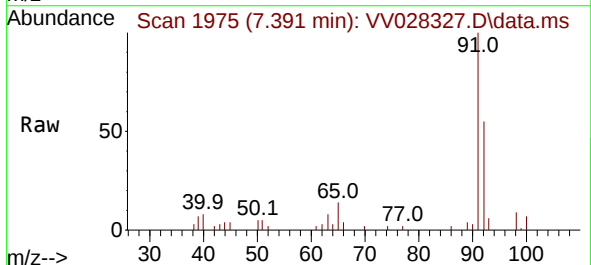
Instrument :
MSVOA_V
ClientSampleId :
F5H36DL2

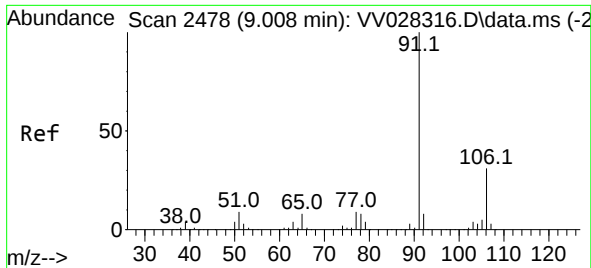
Tgt Ion: 78 Resp: 653963



#42
Toluene
Concen: 0.263 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV028327.D
Acq: 04 Oct 2022 14:16

Tgt Ion: 91 Resp: 15259
Ion Ratio Lower Upper
91 100
92 54.8 40.2 74.6





#52

Ethylbenzene

Concen: 1.349 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV028327.D

Acq: 04 Oct 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

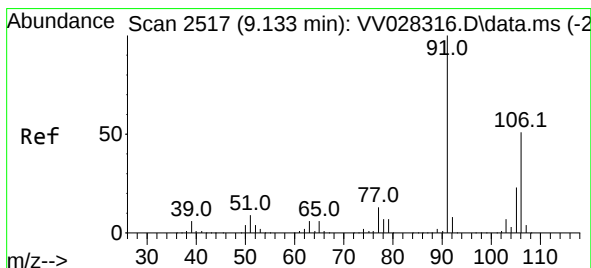
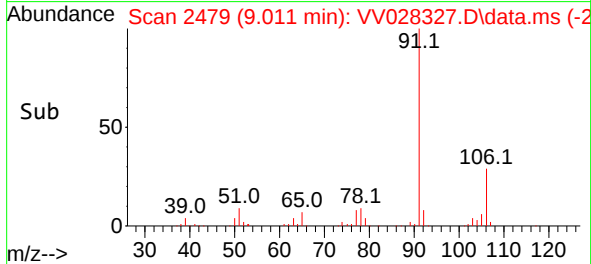
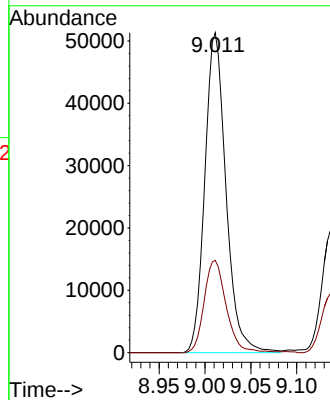
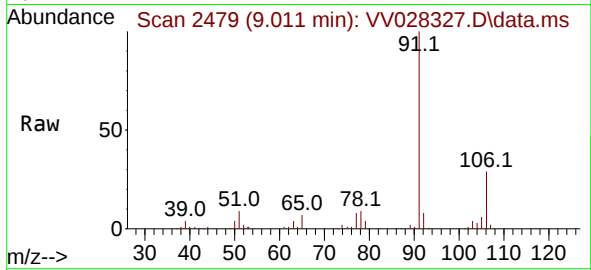
F5H36DL2

Tgt Ion: 91 Resp: 82277

Ion Ratio Lower Upper

91 100

106 28.8 21.5 39.9



#53

m,p-Xylene

Concen: 0.699 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.007 min

Lab File: VV028327.D

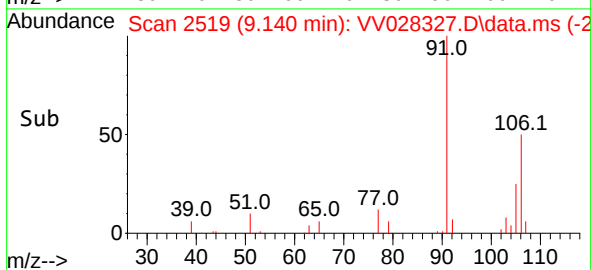
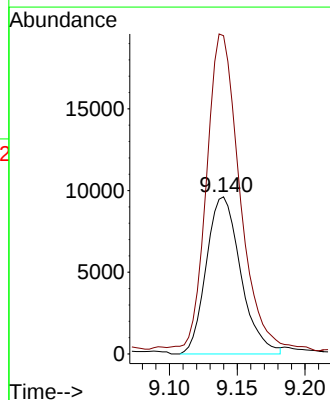
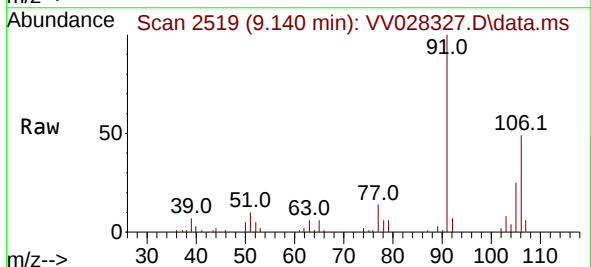
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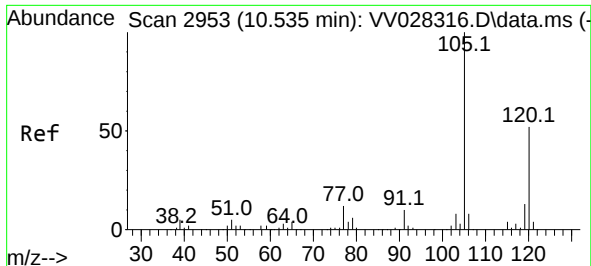
Tgt Ion: 106 Resp: 17002

Ion Ratio Lower Upper

106 100

91 202.5 141.9 263.5





#62

1,3,5-Trimethylbenzene

Concen: 0.321 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028327.D

Acq: 04 Oct 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

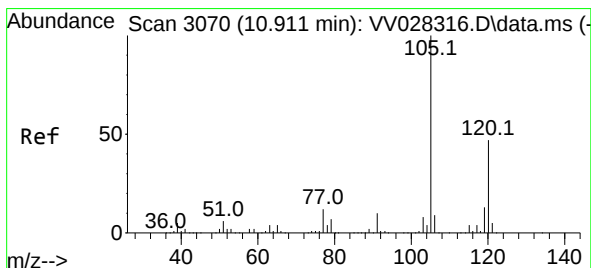
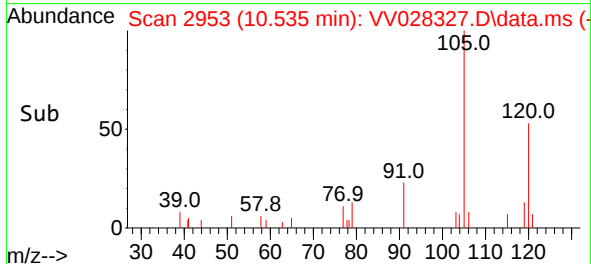
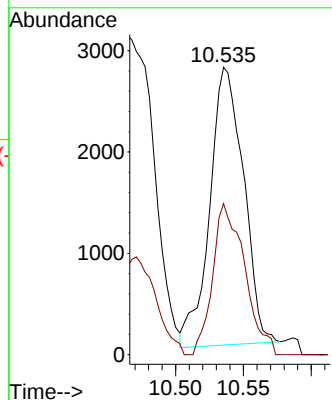
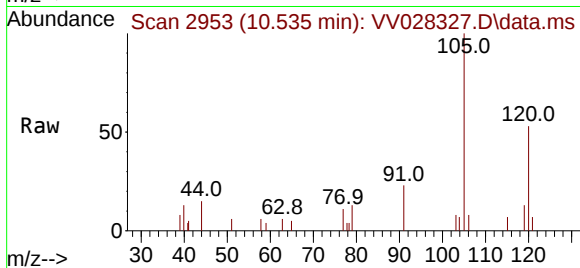
F5H36DL2

Tgt Ion:105 Resp: 4752

Ion Ratio Lower Upper

105 100

120 51.3 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 0.406 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV028327.D

Acq: 04 Oct 2022 14:16

Tgt Ion:105 Resp: 17059

Ion Ratio Lower Upper

105 100

120 48.2 37.8 56.8

