

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
 Data File : VV027092.D
 Acq On : 29 Jul 2022 18:09
 Operator : SY/MD
 Sample : N3899-04 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR3

Quant Time: Jul 30 00:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

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

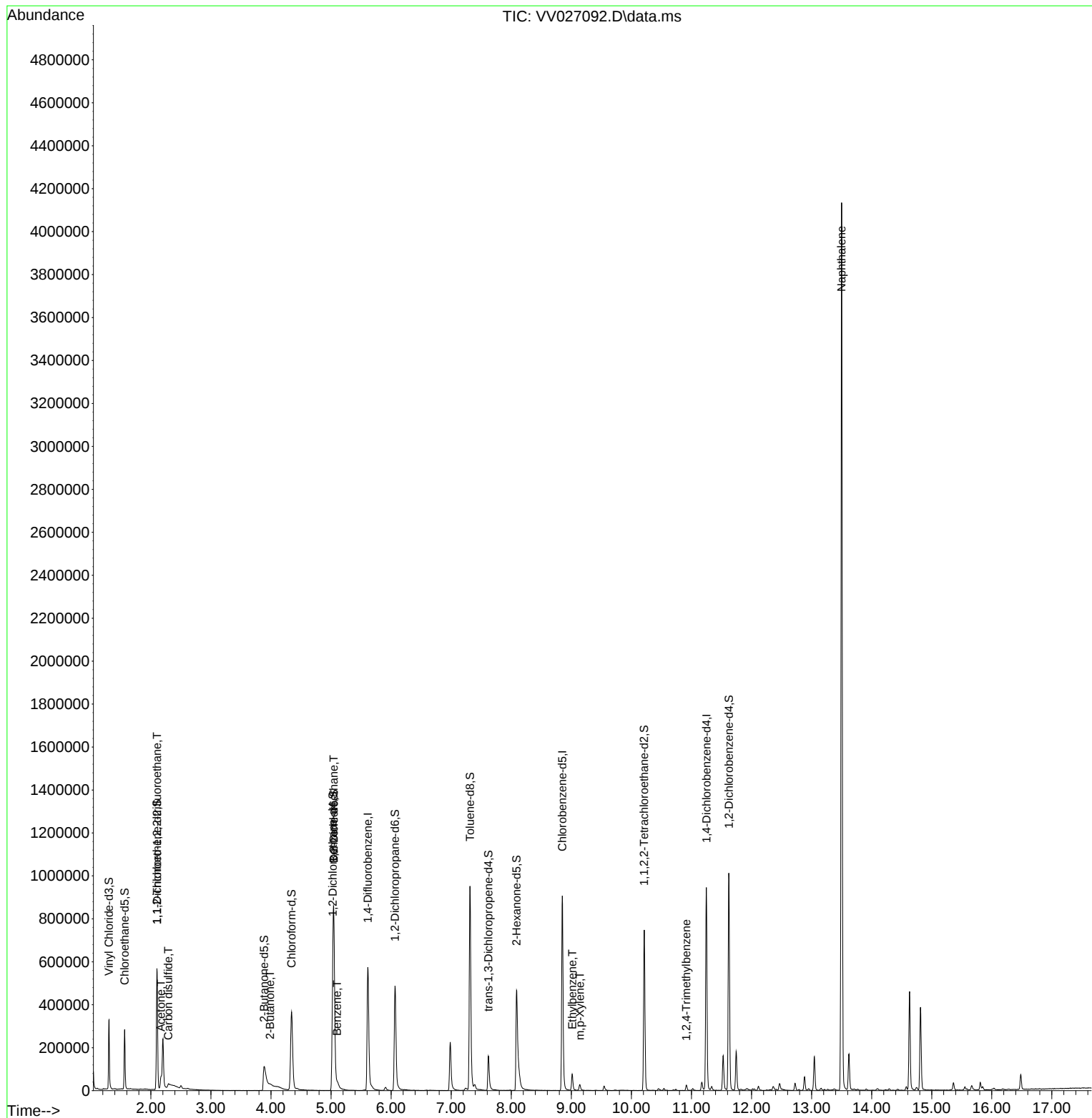
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	537038	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	537905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	256197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	217563	42.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.160%		
7) Chloroethane-d5	1.565	69	179276	44.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.580%		
11) 1,1-Dichloroethene-d2	2.101	63	289222	33.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.500%		
21) 2-Butanone-d5	3.886	46	190703	65.459	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	65.460%		
24) Chloroform-d	4.343	84	392553	42.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.320%		
26) 1,2-Dichloroethane-d4	5.027	65	232492	44.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.020%		
32) Benzene-d6	5.043	84	795765	42.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.260%		
36) 1,2-Dichloropropane-d6	6.066	67	259123	44.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.640%		
41) Toluene-d8	7.313	98	675617	39.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.140%#		
43) trans-1,3-Dichloroprop...	7.619	79	101146	39.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.200%		
47) 2-Hexanone-d5	8.088	63	212653	85.562	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.560%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	369243	42.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.720%		
66) 1,2-Dichlorobenzene-d4	11.622	152	265546	46.108	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.220%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2858	0.714	ug/L #	21
13) Acetone	2.169	43	95392	44.208	ug/L	65
14) Carbon disulfide	2.288	76	11327	0.913	ug/L	99
22) 2-Butanone	3.986	43	10761	4.520	ug/L #	60
27) 1,2-Dichloroethane	5.043	62	4096	0.755	ug/L	99
33) Benzene	5.098	78	18527	1.069	ug/L	100
52) Ethylbenzene	9.014	91	53936	2.980	ug/L	99
53) m,p-Xylene	9.143	106	8265	1.161	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	13772	2.522	ug/L	100
71) Naphthalene	13.500	128	2988937	190.652	ug/L	100

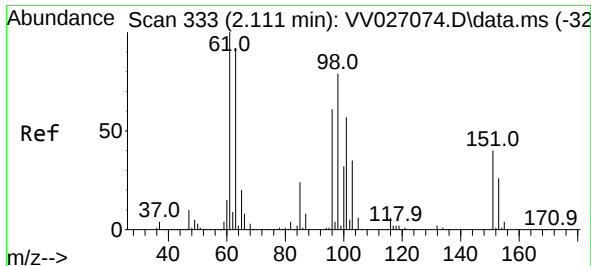
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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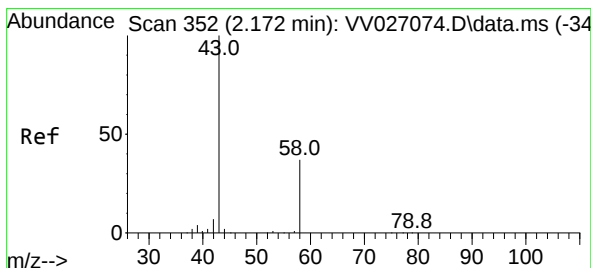
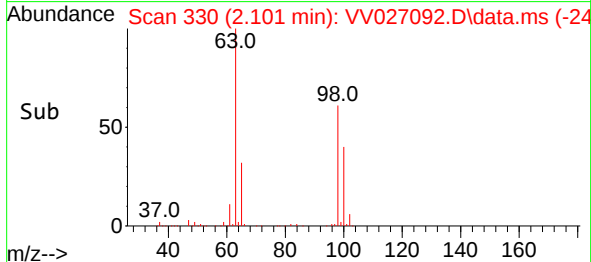
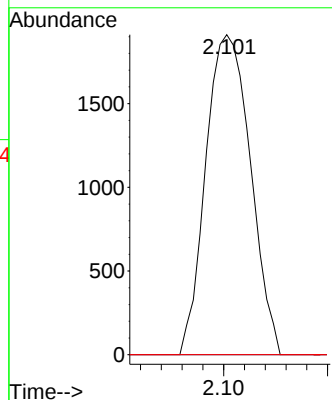
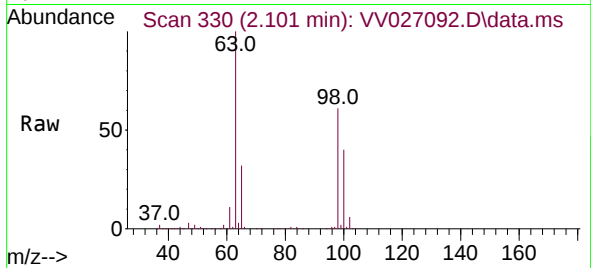




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.714 ug/L
RT: 2.101 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV027092.D
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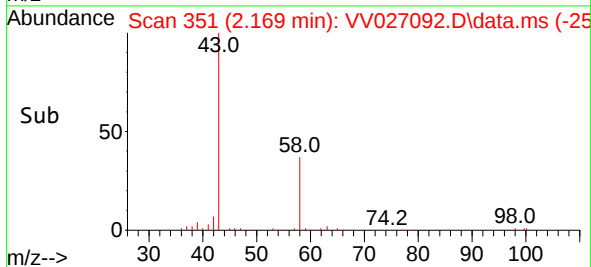
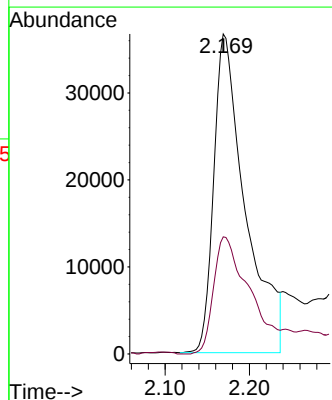
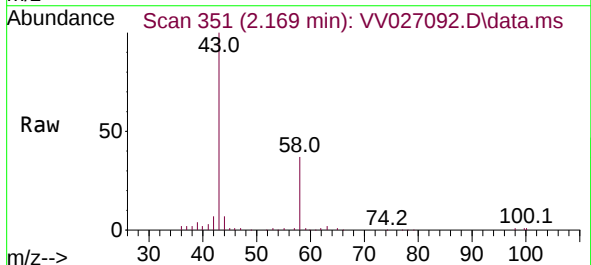
Instrument :
MSVOA_V
ClientSampleId :
DBUR3

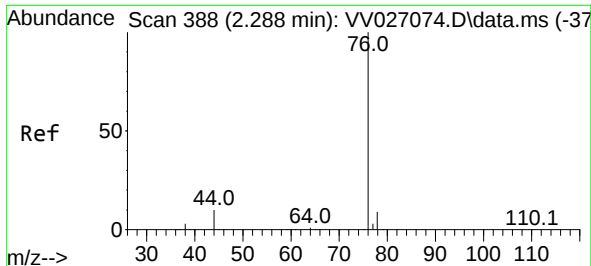
Tgt Ion:101 Resp: 2858
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 57.8 86.8#



#13
Acetone
Concen: 44.208 ug/L
RT: 2.169 min Scan# 351
Delta R.T. -0.003 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 43 Resp: 95392
Ion Ratio Lower Upper
43 100
58 42.1 0.0 49.6

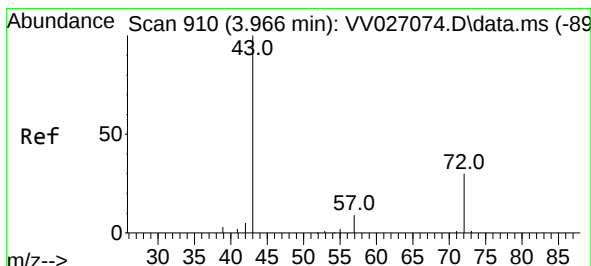
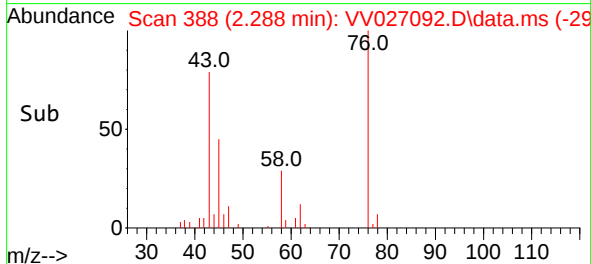
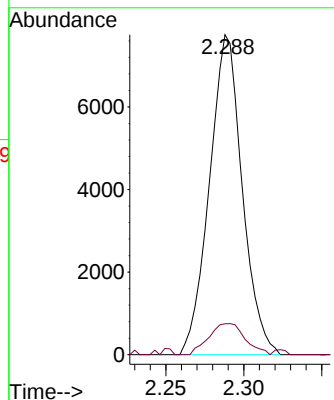
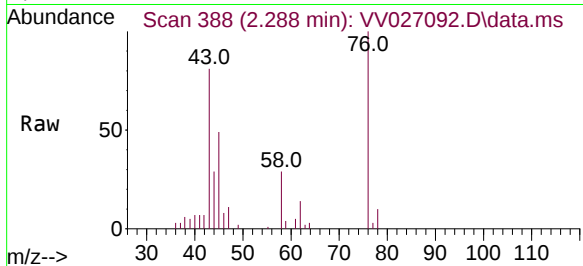




#14
Carbon disulfide
Concen: 0.913 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

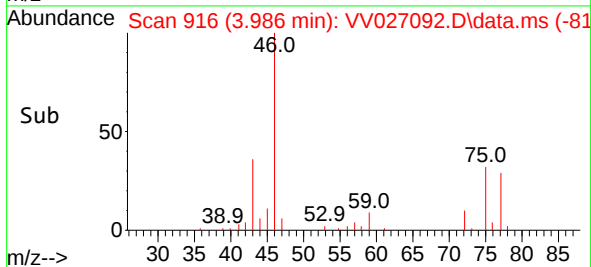
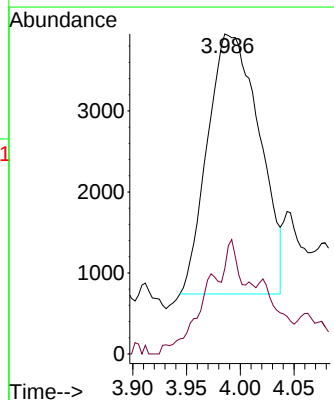
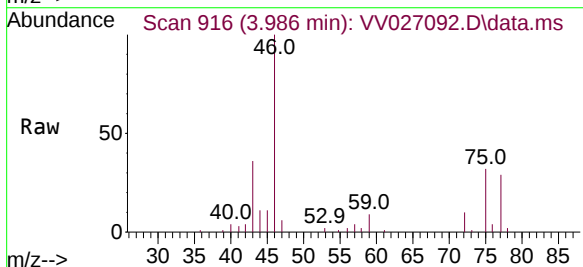
Instrument :
MSVOA_V
ClientSampleId :
DBUR3

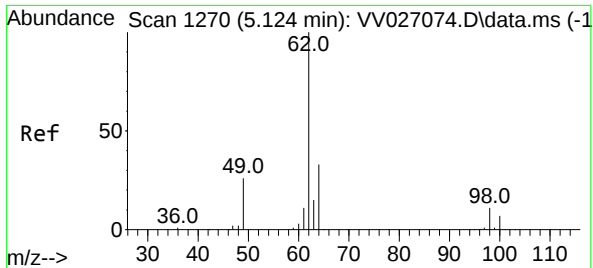
Tgt Ion: 76 Resp: 11327
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#22
2-Butanone
Concen: 4.520 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.019 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 43 Resp: 10761
Ion Ratio Lower Upper
43 100
72 4.1 11.9 35.7#





#27

1,2-Dichloroethane

Concen: 0.755 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.080 min

Lab File: VV027092.D

Acq: 29 Jul 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

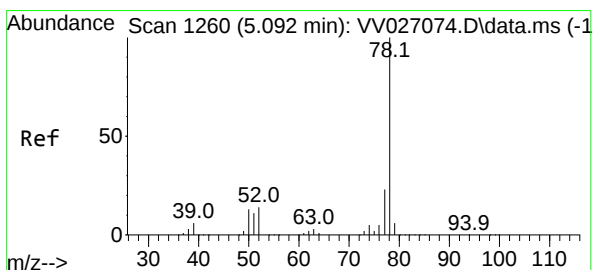
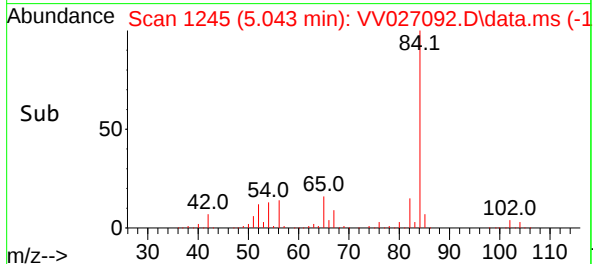
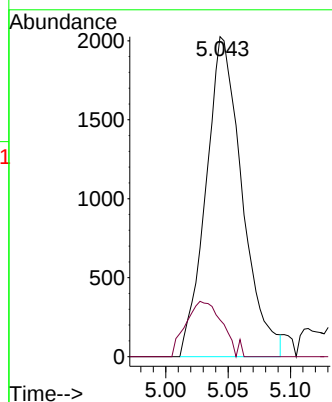
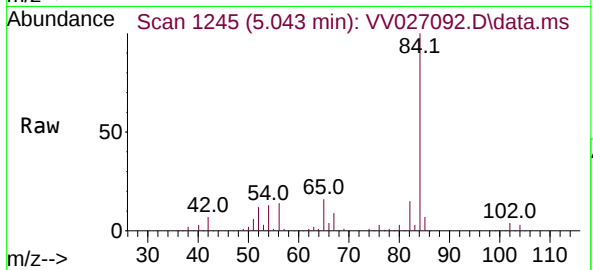
DBUR3

Tgt Ion: 62 Resp: 4096

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.6



#33

Benzene

Concen: 1.069 ug/L

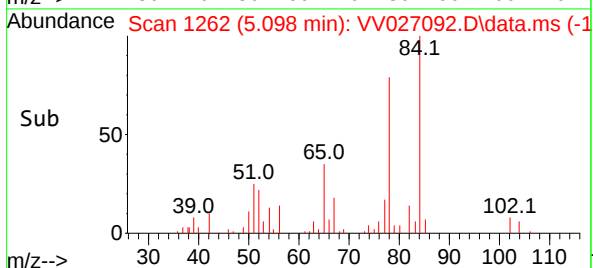
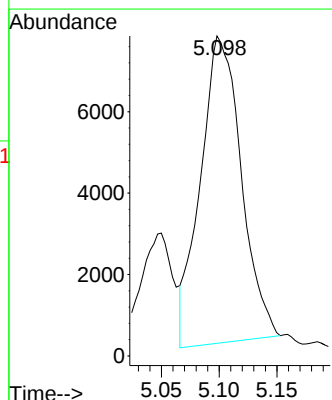
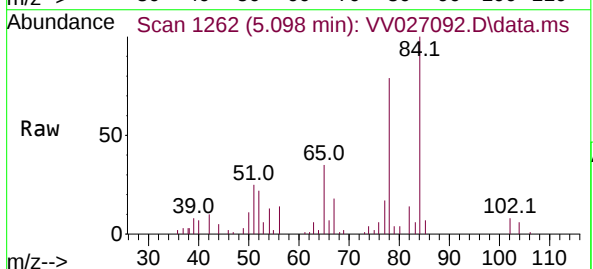
RT: 5.098 min Scan# 1262

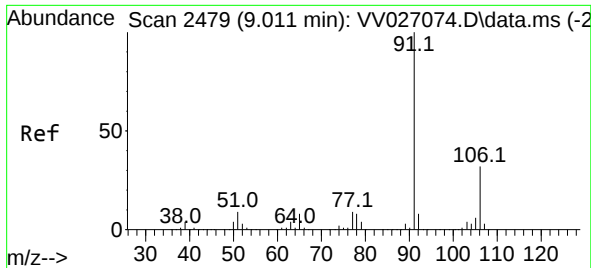
Delta R.T. 0.006 min

Lab File: VV027092.D

Acq: 29 Jul 2022 18:09

Tgt Ion: 78 Resp: 18527





#52

Ethylbenzene

Concen: 2.980 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027092.D

Acq: 29 Jul 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

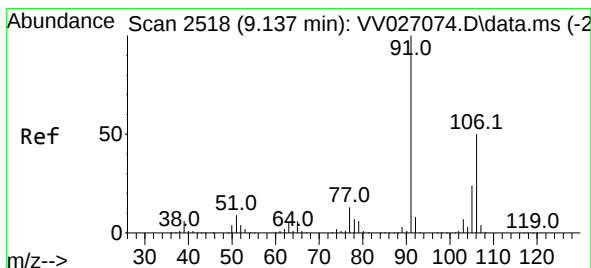
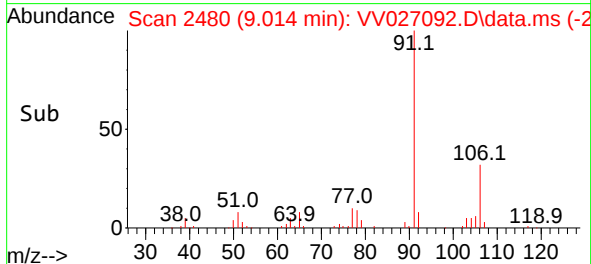
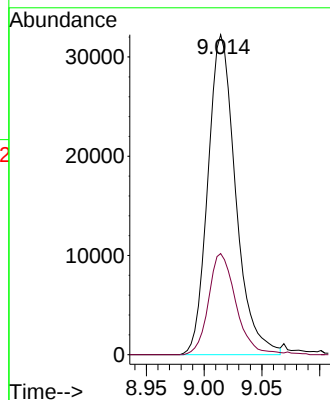
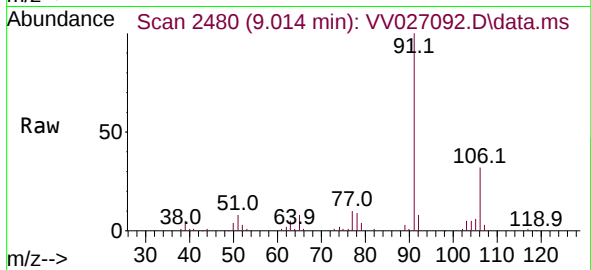
DBUR3

Tgt Ion: 91 Resp: 53936

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.6



#53

m,p-Xylene

Concen: 1.161 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV027092.D

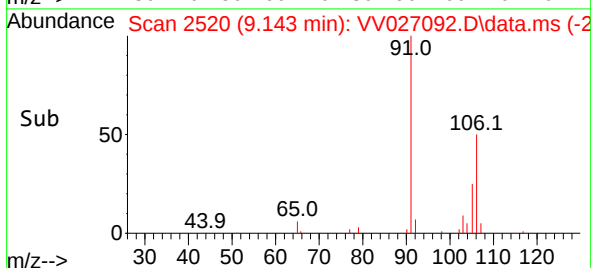
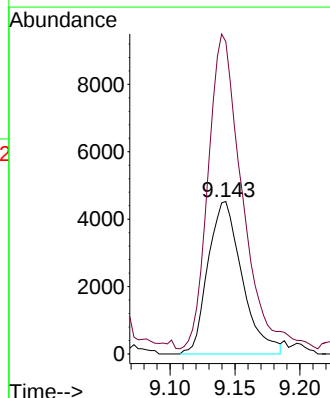
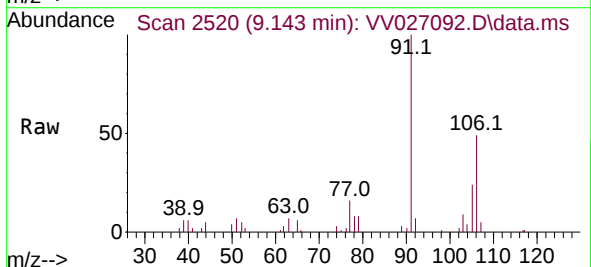
Acq: 29 Jul 2022 18:09

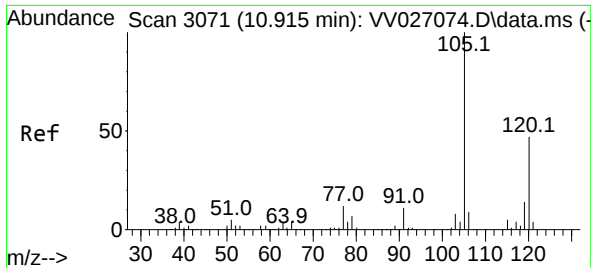
Tgt Ion: 106 Resp: 8265

Ion Ratio Lower Upper

106 100

91 204.8 137.5 255.3

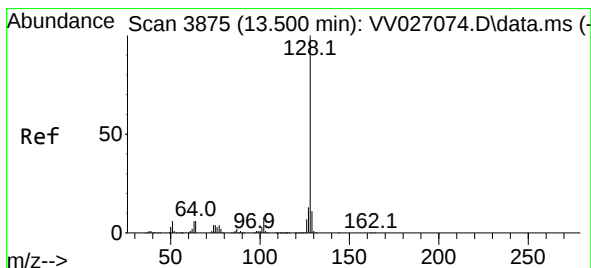
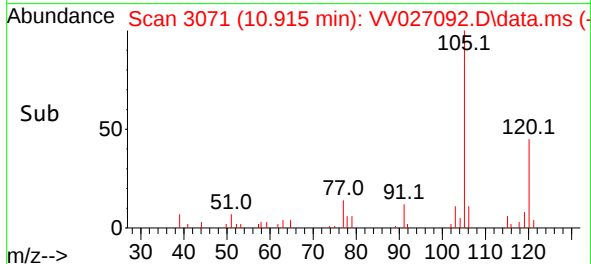
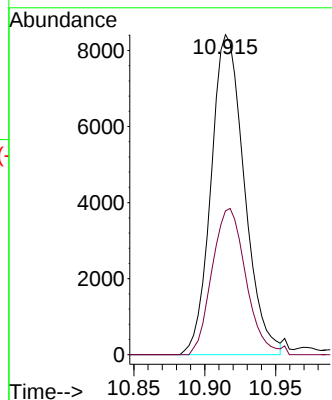
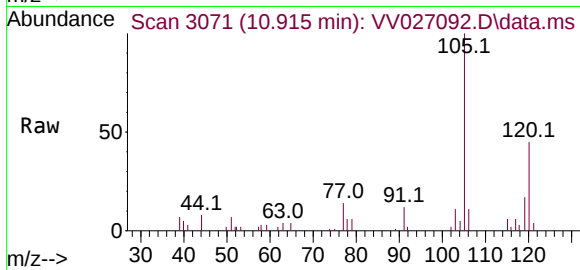




#63
1,2,4-Trimethylbenzene
Concen: 2.522 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
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Tgt Ion:105 Resp: 13772
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6



#71
Naphthalene
Concen: 190.652 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion:128 Resp: 2988937
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

