

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027140.D
 Acq On : 01 Aug 2022 21:19
 Operator : SY/MD
 Sample : N3897-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUQ9

Quant Time: Aug 02 00:37:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

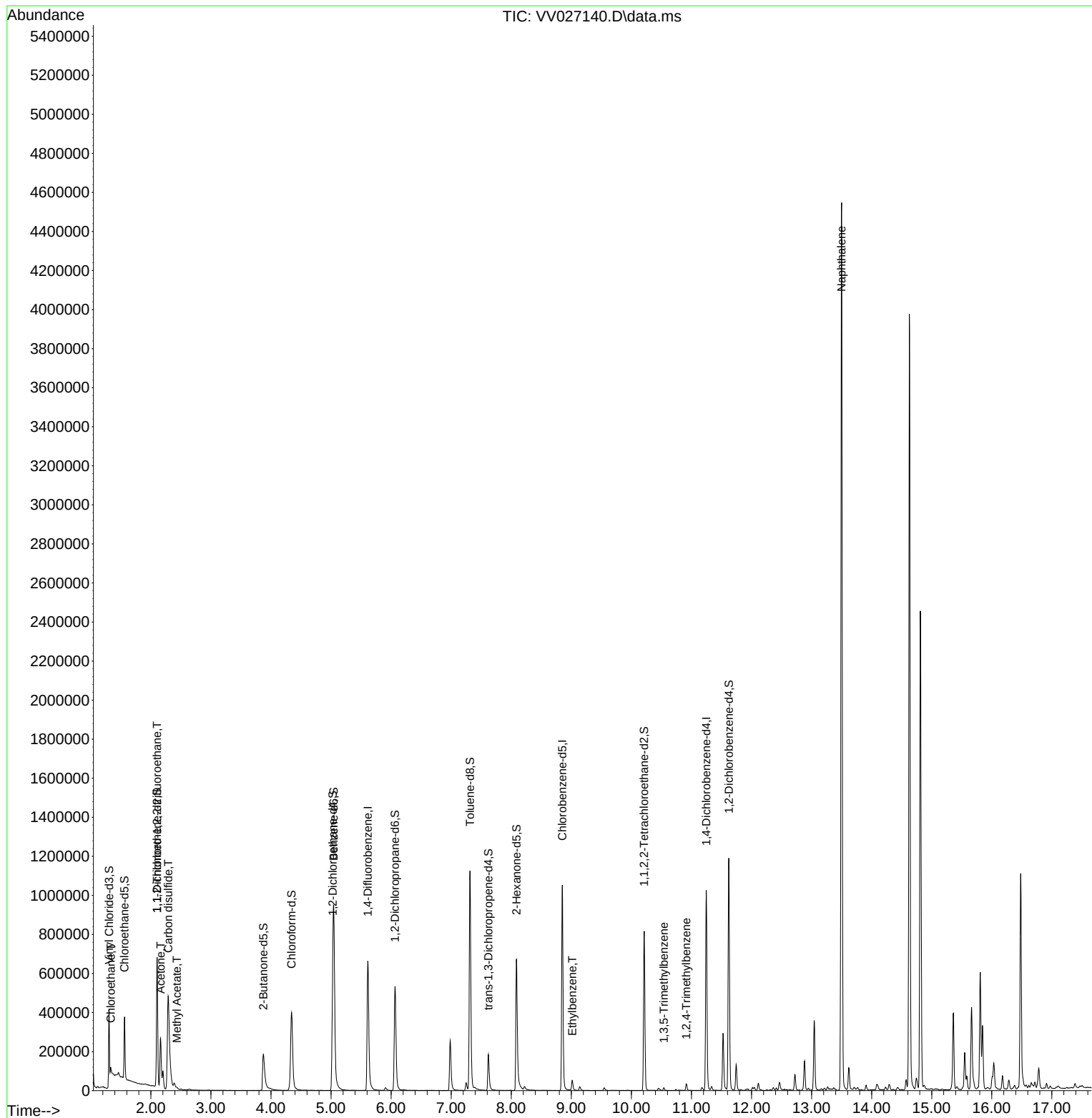
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	611984	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	600246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	274628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	279660	70.511	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 141.020%#		
7) Chloroethane-d5	1.561	69	210050	70.773	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 141.540%#		
11) 1,1-Dichloroethene-d2	2.105	63	337246	44.653	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 89.300%		
21) 2-Butanone-d5	3.873	46	306869	117.518	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 117.520%		
24) Chloroform-d	4.342	84	441141	55.025	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.060%		
26) 1,2-Dichloroethane-d4	5.027	65	259857	57.129	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 114.260%		
32) Benzene-d6	5.043	84	913809	57.533	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.060%		
36) 1,2-Dichloropropane-d6	6.066	67	283511	57.701	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 115.400%		
41) Toluene-d8	7.313	98	786193	54.905	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.800%		
43) trans-1,3-Dichloroprop...	7.619	79	110798	51.380	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 102.760%		
47) 2-Hexanone-d5	8.088	63	246707	130.057	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 130.060%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395861	53.898	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	309688	64.165	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 128.320%#		
Target Compounds						
					Qvalue	
8) Chloroethane	1.333	64	174132	56.229	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3364	0.770	ug/L #	26
13) Acetone	2.162	43	251569	114.092	ug/L	98
14) Carbon disulfide	2.291	76	11134	0.881	ug/L	98
15) Methyl Acetate	2.433	43	8574	1.787	ug/L #	86
52) Ethylbenzene	9.014	91	36649	1.883	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	8151	1.117	ug/L	92
63) 1,2,4-Trimethylbenzene	10.914	105	18615	3.157	ug/L	97
71) Naphthalene	13.500	128	3425995	210.816	ug/L	100

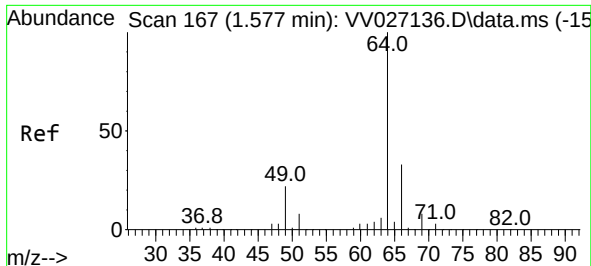
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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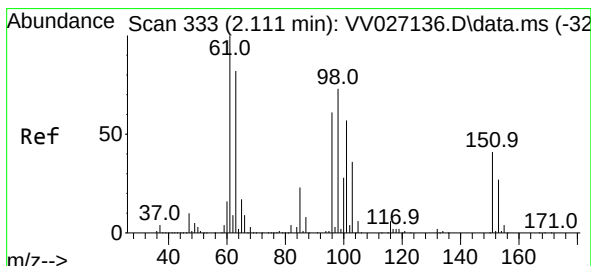
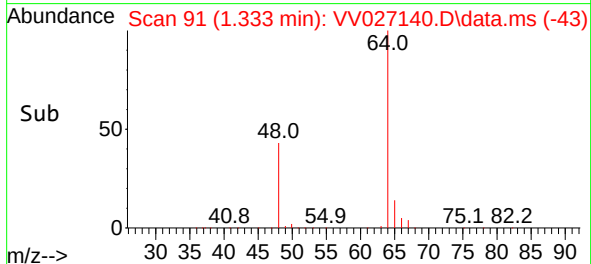
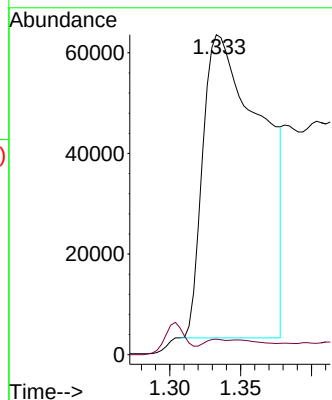
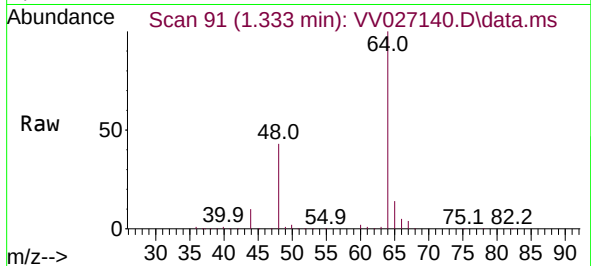




#8
Chloroethane
Concen: 56.229 ug/L
RT: 1.333 min Scan# 91
Delta R.T. -0.244 min
Lab File: VV027140.D
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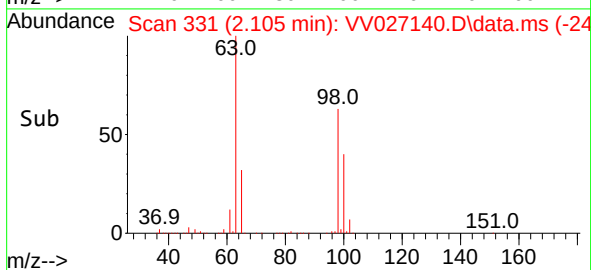
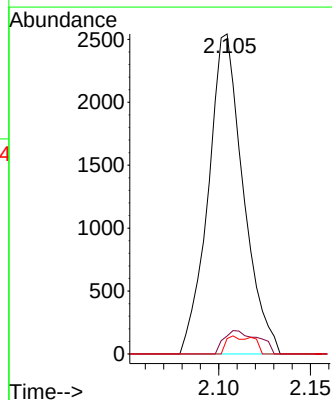
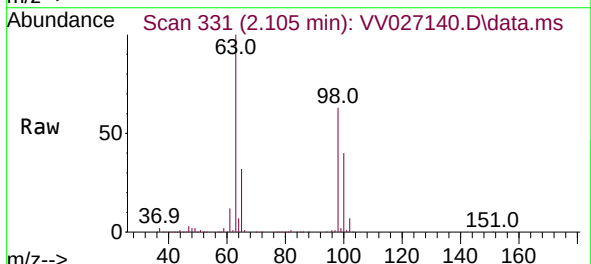
Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

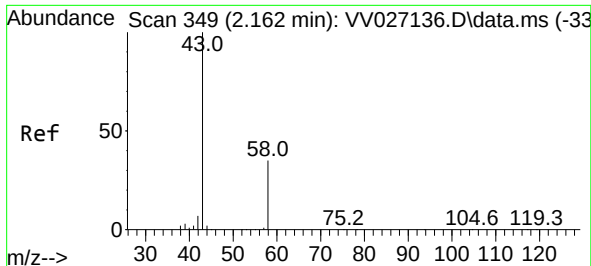
Tgt Ion: 64 Resp: 174132
Ion Ratio Lower Upper
64 100
66 4.9 22.6 42.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.770 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 101 Resp: 3364
Ion Ratio Lower Upper
101 100
85 7.2 33.9 50.9#
151 2.2 58.4 87.6#





#13

Acetone

Concen: 114.092 ug/L

RT: 2.162 min Scan# 349

Delta R.T. 0.000 min

Lab File: VV027140.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

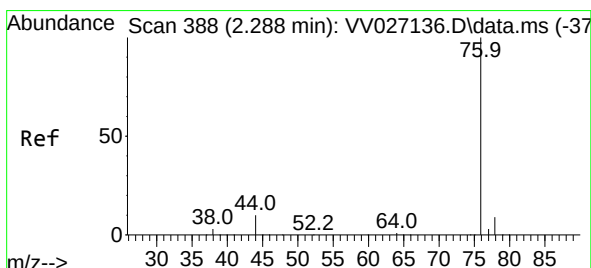
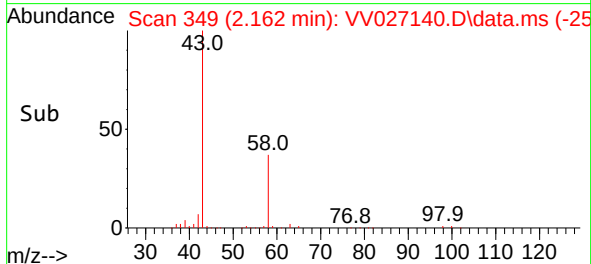
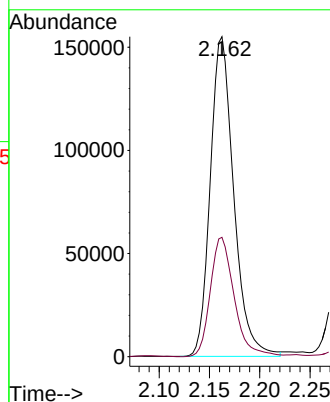
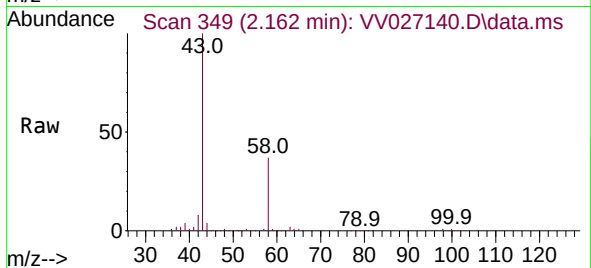
DBUQ9

Tgt Ion: 43 Resp: 251569

Ion Ratio Lower Upper

43 100

58 38.1 0.0 73.6



#14

Carbon disulfide

Concen: 0.881 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027140.D

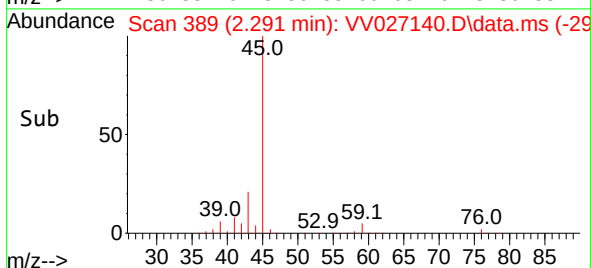
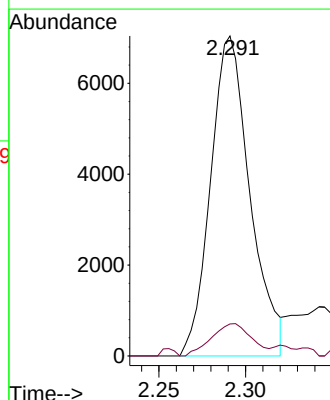
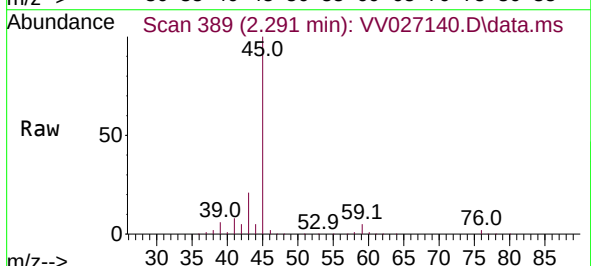
Acq: 01 Aug 2022 21:19

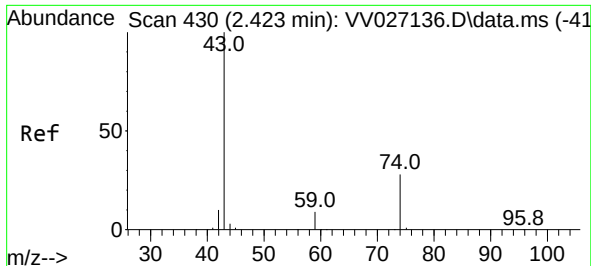
Tgt Ion: 76 Resp: 11134

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3

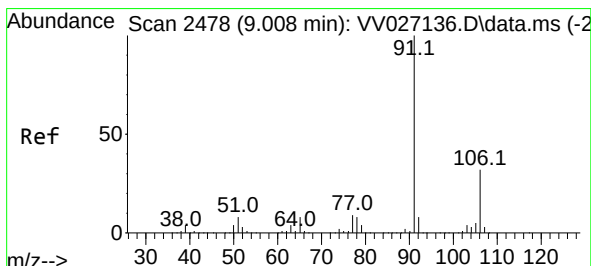
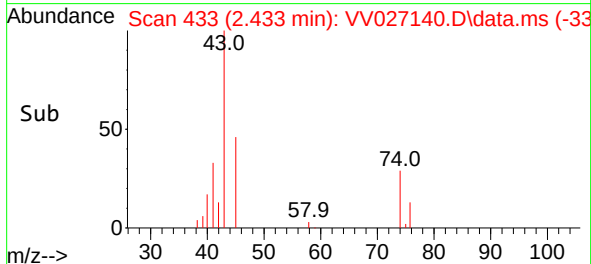
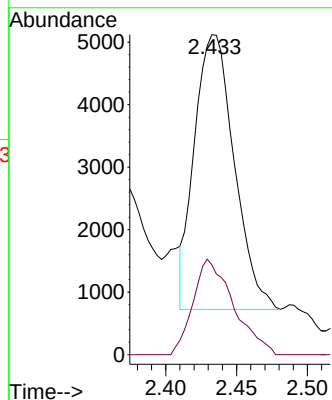
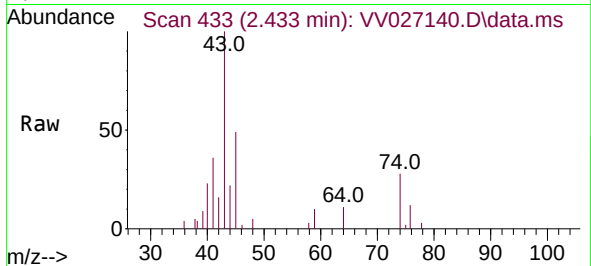




#15
Methyl Acetate
Concen: 1.787 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

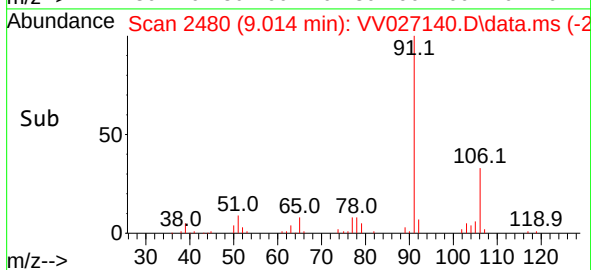
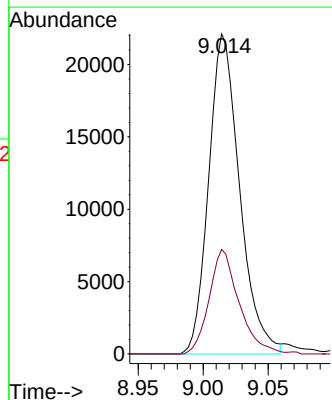
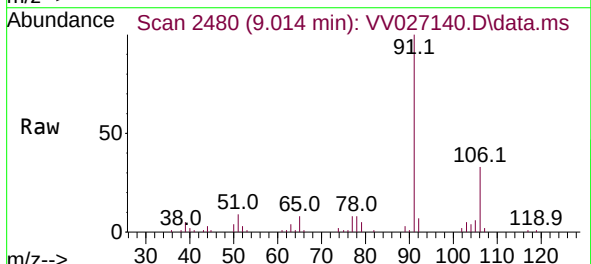
Instrument :
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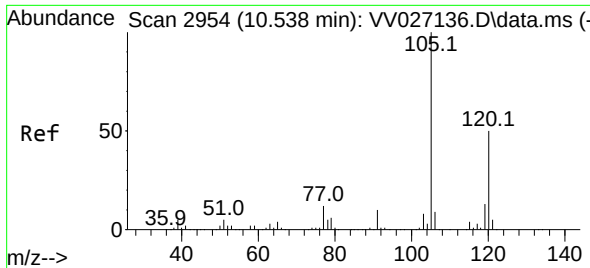
Tgt Ion: 43 Resp: 8574
Ion Ratio Lower Upper
43 100
74 35.4 22.4 33.6#



#52
Ethylbenzene
Concen: 1.883 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.007 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 91 Resp: 36649
Ion Ratio Lower Upper
91 100
106 32.7 22.1 41.1

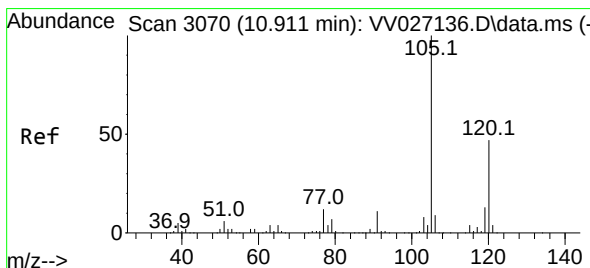
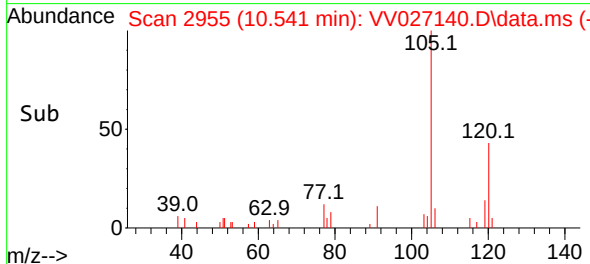
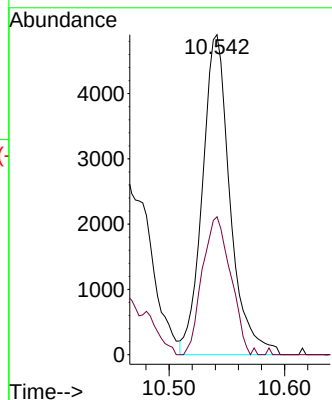
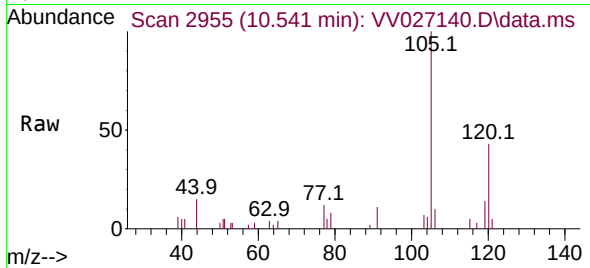




#62
1,3,5-Trimethylbenzene
Concen: 1.117 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

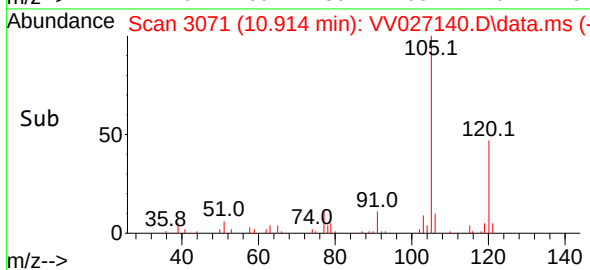
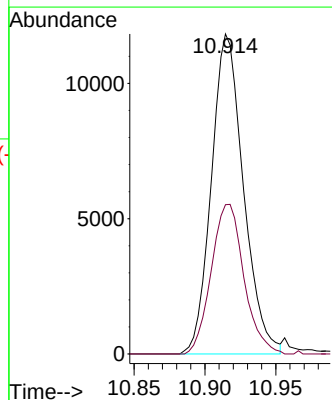
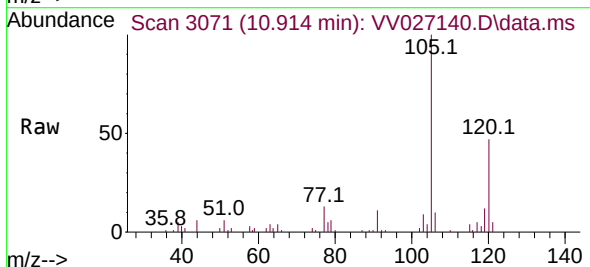
Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

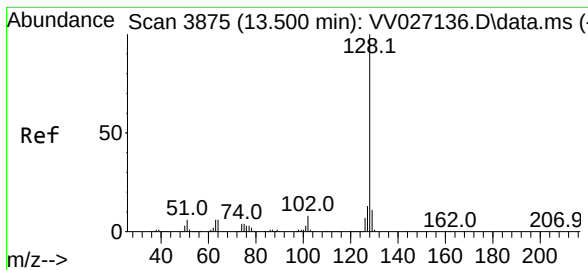
Tgt Ion:105 Resp: 8151
Ion Ratio Lower Upper
105 100
120 44.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 3.157 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

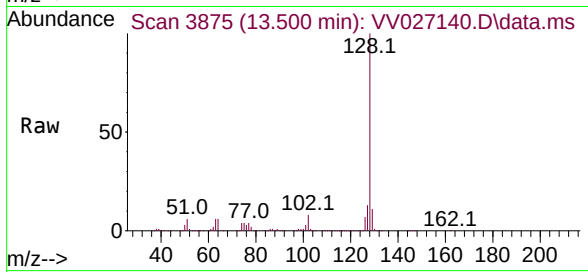
Tgt Ion:105 Resp: 18615
Ion Ratio Lower Upper
105 100
120 47.7 36.5 54.7





#71
Naphthalene
Concen: 210.816 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027140.D
Acq: 01 Aug 2022 21:19

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:128 Resp: 3425995
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.7 13.1

